ETEC

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REV. DATE _____

BELLEFONTE NUCLEAR PLANT

INTERIM CONFIRMATORY
PIPING ANALYSIS

PERFORMED FOR U.S. NUCLEAR REGULATORY COMMISSION
MECHANICAL ENGINEERING BRANCH
BY
ENERGY TECHNOLOGY ENGINEERING CENTER

October 22, 1980

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A. Computer Job No. 2039
- Load Case 1: Weight + Design Pressure
- Load Case 2: Design Thermal Expansion

B. Computer Job No. 7253
- Load Case 1: Weight + Pressure (Normal 1B)
- Load Case 2: Thermal Expansion (Normal 1B)
- Load Case 3: Wt. + Press. (Normal 1B) + 1/2SSE X,Y,Z (Hot Leg), Case 1 Snubber K's
- Load Case 4: 1/2SSE X,Y,Z (Hot Leg), Case 1 Snubber K's

C. Computer Job No. 7202
- Load Case 1: Weight + Pressure (Normal 1B)
- Load Case 2: Thermal Expansion (Normal 1B)
- Load Case 3: Wt. + Press. (Normal 1B) + 1/2SSE X,Y,Z (Bldg. Only), Case 1 Snubber K's
- Load Case 4: 1/2SSE X,Y,Z (Bldg. Only), Case 1 Snubber K's

D. Computer Job No. 0406
- Load Case 1: Weight + Pressure (Normal 1B)
- Load Case 2: Thermal Expansion (Normal 1B)
- Load Case 3: Wt. + Press. (Normal 1B) + 1/2SSE X,Y,Z (Hot Leg), Case 2 Snubber K's
- Load Case 4: 1/2SSE X,Y,Z (Hot Leg), Case 2 Snubber K's

E. Computer Job No. 3335

Load Case 1: Weight + Pressure (Normal 1B)

Load Case 2: Thermal Expansion (Normal 1B)

Load Case 3: Wt. + Press. (Normal 1B) + 1/2SSE X,Y,Z (Bldg. Only), Case 2 Snubber K's

Load Case 4: 1/2SSE X,Y,Z (Bldg. Only), Case 2 Snubber K's

1. INTRODUCTION

The Mechanical Engineering Branch (MEB) of the Division of Engineering of the Nuclear Regulatory Commission (NRC) has instituted a program of performing an independent confirmatory piping analysis for each plant undergoing Operating License (OL) Review.

MEB had directed Energy Technology Engineering Center (ETEC) to perform this task for Bellefonte Nuclear Plant, Unit 1. The Decay Heat Removal System (DHR) inside the reactor building to penetrations X-70 and X-24 and the Spent Fuel Cooling System (SFC) inside the reactor building to penetration X-38 were selected for this analysis.

MEB has requested that the above confirmatory piping analysis be performed for the piping's as-built configuration, but due to the fact that at this time more than half of the supports are still to be designed, ETEC analysis should be considered a preliminary one only which will be updated when the as-built information is available. ETEC's final as-built analysis will cover all normal, upset and faulted conditions, as required by the ASME, B&PVC Section III, 1974 edition through Summer 1974 addenda (the Code).

2. SUMMARY

This report summarizes the interim confirmatory analysis for the DHR and SFC Piping Systems of the Bellefonte Nuclear Plant which was performed by ETEC for the MEB. This analysis is intended to verify that the as-built configuration of the piping systems satisfies the requirements of the applicable ASME B&PVC (Code) criteria. Descriptions and results of the analyses performed to date by ETEC are contained in the following two sections. These analyses are interim in nature only since the design is currently incomplete.

The analyses utilized the SAP V, Rev. ATO computer code. This code was approved for use by NRC (Reference 1). The effects of internal pressure, dead weight, thermal expansion and dynamic seismic loads were included in the analyses. Both Design and Normal and Upset Condition pressures and temperatures were considered. The seismic analyses were based on two response spectra and two sets of snubber spring rates. These spectra and rates are identified in 3.3.4.

The following data were extracted from the analyses:

1) Loads and deflections for the various types of supports.
2) Stresses in accordance with the various Code criteria.

These data are intended to be used to verify:

1) The functional integrity and structural adequency of the supports.
2) The structural adequency of the piping.

Only the second of the above will be addressed in this interim report.

The results of the Code compliance analyses addressed in this report are summarized in Table A. The table indicates that, based upon the information contained in the references, the design as currently configured does not meet the Code requirements. In particular, for Class 1, 2 and 3 piping, although the internal pressure and dead weight stresses are low, the seismic stresses were such that the Code primary membrane plus bending stress ($P_L + P_b$) and the occasional load stress (S_{OL}) limits were exceeded. Additionally, based upon the 300°F Design Condition temperature for Class 2 piping, the Code thermal expansion stress (S_E) and additive stress (S_{TE}) limits were exceeded.

TABLE A

Summary of Results of ASME B&PVC Section III Analyses		
Code Class	Code Criterion*	Number of Location Where Code Criterion Is Not Satisfied
1	$P_L + P_b \leq 1.5\ S_m$	Hot Leg Spectrum: 6/3** Building Only Spectrum: 5/2**
2 & 3	$S_{SL} \leq 1.0\ S_h$	None
	$S_{OL} \leq 1.2\ S_h$	Hot Leg Spectrum: 9/1** Building Only Spectrum: 5/0**
	$S_E \leq S_A$	8
	$S_{TE} \leq (S_h + S_A)$	3

Notes: * See Tables B and C for details of criteria and loads considered.

** Analyses were performed for two cases of snubber spring rates (See 3.3.4). "N_1/N_2" locations indicates that N_1 locations are associated with the Case 1 rates and N_2 with the Case 2 rates.

3. DESCRIPTION OF ANALYSES

Analyses were performed to investigate compliance with the requirements of the applicable Code criteria. Stresses due to internal pressure, dead weight, thermal expansion and dynamic seismic loadings were considered. Details of these analyses are presented below.

3.1 Computer Program

ETEC used the SAP V, Rev. ATO computer code to model the DHR and SFC Piping Systems. This computer code was verified and approved for use by NRC for use in this confirmatory analysis.

Subsequent to verification, post processing options were added to the program which provide stress outputs in accordance with the Code Section III Class 1, 2 and 3 criteria for piping and piping components.

3.2 Computer Models

Modeling of the piping systems was based on information contained in the enclosures of References 2 and 3. Details of the ETEC models are contained in Figures 1 through 19 where:

i) Model nodal and element numbers and all piping supports are shown on computer isometrics in Figures 1 through 16.

ii) Code piping classification and pipe sizes are shown in Figure 17.

iii) Insulation weights used in the models are shown in Figure 18.

iv) An overall isometric of the piping systems with types and locations of all supports is shown in Figure 19.

3.3 Types of Analyses

The results of some of the analyses performed are contained in the computer outputs in the Appendices.

Both Design and Normal and Upset Conditions loadings were analyzed. The temperatures and internal pressures for the Design Conditions are shown in Figure 20. Those for the 7 Normal and Upset Conditions (i.e. 1A, 1B, 1C, 1D, 2A, 2B, 2C) are shown in Figures 21 through 27.

Appropriate stress intensification factors (S.I.F., or i) and stress indices (B_1, B_2, C_1, C_2) were applied for piping products.

Details of the analyses are provided below.

3.3.1 Internal Pressure Analyses - Stresses due to internal pressure were calculated by the computer program.

3.3.2 Thermal Expansion Analyses - Stresses in piping products were evaluated for the Design and 7 Normal and Upset Conditions identified above.

The thermal displacements and loads at the rigid type supports for all 8 thermal conditions are summarized in Tables 1 through 8. Also, the displacements for these 8 conditions at the snubber locations are summarized in Tables 12 through 19 and the hot/cold loads and displacements for the variable spring supports summarized in Table 20.

3.3.3 Dead Weight Analyses - The dead weight analyses were performed on the basis of the supports and insulation weights described above.

The insulation weights were added to the stainless steel pipe weights and the weight of the water (density = 62.5 lbs./cu. ft.) assuming the pipes were full. No allowance was made for the variation of water weight due to temperature.

Valve weights were inputed as concentrated loads at the centers of gravity (C.G.'s). The input data were based on the information in the enclosures of References 2 and 3.

The weight loads for all Linear Rigid Type Supports (i.e. RR = Rigid Rod and US = Uniaxial Strut) are summarized in Table 9.

3.3.4 Dynamic Seismic Analyses - The insulation and water effects were treated similar to the case of the dead weight analyses. However, the valve weights were inputed as 3 mass vectors (X,Y,Z) at their C.G.'s.

ETEC performed four different seismic analyses. They were made with two different sets of snubber spring rates and two different seismic response spectra; the Hot Leg and Building Only Spectra. The snubber spring rates that were used are shown in Table 10, and are identified as Case 1 and Case 2. The spring rates used for Case 1 were based on TVA's preliminary snubber loads from Reference 2 and the Pacific Scientific Company spring rate test data shown in Table 11. Two computer runs were made with Case 1 snubber spring rates and the response spectra data from Reference 4, one was with response spectra identification curve numbers 1, 2 and 3 (1/2SSE X,Y,Z Hot Leg) and the other with identification curve numbers 7, 8 and 9 (1/2SSE X,Y,Z Bldg. Only). The resulting snubber loads were greatly different from those of Reference 2 and thus another analysis was performed using Table 11 to determine the new snubber spring rates; this is identified as Case 2. Two additional analyses were made with Case 2 snubber spring rates and the same response spectra data that was used in Case 1. In order to insure full modal participation, the above analyses were performed for fifty frequencies. The fiftieth frequency for Case 1 is 35.01 cycle/sec and for Case 2 is 38.98 cycle/sec.

The resulting pipe support loads from these four seismic computer runs are summarized in Tables 9 and 10. Table 9 shows the variation in loads

for the rigid type supports and Table 10 shows the variation in loads for the snubbers. A comparison of Table 10 with Table 11 shows that while none of Case 2 snubber loads exceed the allowable Pacific Scientific snubber loads, there are nine snubbers that could be one size smaller. No attempt was made to verify this with additional computer runs.

4. CODE COMPLIANCE ANALYSES

The results of Code compliance analyses are presented in this section. They are summarized according to Code Class type in the two sections below. Class 2 and Class 3 piping have been grouped together for convenience since the criteria for these two classes are identical.

The analyses were limited in this report to the criteria of Table B. The loads that were used in these criteria are identified in Table C.

4.1 ASME B&PVC Section III Class 1 Piping

4.1.1 Primary Membrane Plus Bending Stress, $P_L + P_b$

The $P_L + P_b$ criterion was investigated for the two seismic response spectra and the two snubber stiffness cases mentioned in 3.3.4 above. Calculated stresses are contained in Tables 22 through 25 and locations where the Code allowable stress are exceeded are shown in Figures 29 through 32.

For both response spectra, the stresses associated with the Case 1 snubber spring rates are much higher than those for the Case 2 rates. Thus, for the Hot Leg response spectrum, the results for the Case 1 spring rates show that there are 6 locations where the Code allowable stress is exceeded (Figure 29) while those for the Case 2 rates show only 3 (Figure 31). Similarly, for the Building Only spectrum, the Case 1 rates show 5 locations (Figure 30) while the Case 2 rates show 2 (Figure 32).

The results of Case 1 and Case 2 snubber spring rates show that this particular piping system is sensitive to actual snubber spring rates. This raises a question regarding the spring rates at the thirty-one linear "Rigid" supports (Note: the SAP V computer code default spring rate value is 10^{10} lb/in.).

Although the complete as-built support designs are not available, it is doubtful if the structural spring rate at these locations is greater than 10^7 lb/in. Thus, the final as-built analyses should use the actual structural spring rates for these supports to ensure compliance with Code requirements.

The maximum elastically computed stress was 117538.3 psi as compared with an allowable stress of 29906 psi. This was at Node 108. (Branch connection per NB-3643).

4.2 ASME B&PVC Section III Class 2 and Class 3 Piping

4.2.1 Sustained Load Stress, S_{SL}

The S_{SL} criterion was satisfied. In general, the stresses were low. The maximum stress was 8100.1 psi and the allowable stress is 16425 psi. This was at Node 6 (Butt weld tee per B16.9).

4.2.2 Occasional Load Stress, S_{OL}

The S_{OL} criterion was investigated for the two seismic response spectra and the two snubber spring rate mentioned in 4.1.1 above. The general comments in 4.1.1 are also applicable here.

The results for the Hot Leg spectrum and the Case 1 spring rates show that the Code allowable stress is exceeded at 9 locations (Figure 29) and at 1 location for the Case 2 rates (Figure 31). For the Building Only spectrum and the Case 1 spring rates there are 5 locations (Figure 30).

The maximum stress was 43519.9 psi and the allowable stress is 19899 psi. This was at Node 9 (Butt weld tee per B16.9).

4.2.3 Thermal Expansion Stress, S_E

The analyses for the S_E criterion show that the Code allowable stress was exceeded in the SFC piping system at 8 locations (Figure 28 and Table 21). The maximum stress was 72006.3 psi and the allowable stress is 26650 psi. This was at Node 76 (Branch connection per NB-3643).

The analysis was based on the 300°F design temperature specified in the Piping Bill of Materials, Document No. 3BM-04540NM-0 (Reference 3). This is in accordance with the Design Specification Document No. BNP-DS-1935-2857-00, for Class 2 piping (Reference 2) which states in Paragraph 7.1 that the Design Condition parameters are delineated in the Bill of Materials.

Since the highest Normal and Upset Conditions temperature is 120°F ("Operational Modes Analysis, Model N4-IND-E", Reference 2), the 300°F design temperature is in need of clarification.

4.2.4 Additive Stress, S_{TE}

The results for the S_{TE} stress analysis are similar to those for the S_E analysis. The 3 locations where the Code allowable stress is exceeded are indicated in Figure 28 and Table 21. The maximum stress was 72734.7 psi and the Code allowable stress is 43250 psi. This was at Node 76 (Branch connection per NB-3643).

TABLE B

ASME B&PVC Section III Criteria Addressed In Interim Report	
Class	Code Criteria
1	Equation (9) of NB-3652: $P_L + P_b = B_1 \frac{PD_o}{2t} + B_2 \frac{D_o}{2I} M_i \leq 1.5S_o$ (9)
2	Equations (8), (9), (10) and (11) of NC-3652: $S_{SL} = \frac{PD_o}{4t_n} + \frac{M_A}{Z} \leq 1.0S_h$ (8) $S_{OL} = \frac{P_{max}D_o}{4t_n} + 0.75i(\frac{M_A + M_B}{Z}) \leq 1.2S_h$ (9) $S_E = \frac{iM_c}{Z} \leq S_A$ (10) $S_{TE} = \frac{PD_o}{4t_n} + 0.75i(\frac{M_A}{Z}) + i\frac{M_c}{Z} \leq (S_h + S_A)$ (11)
3	Equations (8), (9), (10) and (11) of ND-3652: Same as for Class 2

TABLE C

Loadings Used For Code Criteria		
Code Class	Criteria	Loads
1	Equation (9) of NB-3652	$P_{des} + DW + \frac{1}{2}SSE$
2	Equation (8) of NC-3652	$P_{des} + DW$
	Equation (9) of NC-3652	$P_{max} + DW + \frac{1}{2}SSE$
	Equation (10) of NC-3652	TE_{design} & $TE_{(1B)}$
	Equation (11) of NC-3652	$P_{des} + DW + TE_{design}$ & $P_{(1B)} + DW + TE_{(1B)}$
3	Same as Class 2	Same as Class 2

P_{des} = Design Pressure, $P_{(1B)}$ = Normal Pressure Condition

P_{max} = Peak Pressure

DW = Dead Weight

TE_{design} = Design Temperature, $TE_{(1B)}$ = Thermal Expansion ~ Normal 1B Condition

SSE = Safe Shutdown Earthquake

5. RECOMMENDATIONS

The thermal expansion stresses for the present design temperature of 300°F for the SFC Piping System, exceed the Code requirements of Equations 10 and 11 of paragraph NC-3652.3 of the Code. The thermal expansion stresses for 120°F, which is the maximum temperature for the normal and upset conditions, will meet the Code requirements of Equations 10 and 11. Thus it is recommended that TVA reduce the Design Condition temperature as specified in Design Specification Document BNP-DS-1935-2857-00 for Class 2 piping and the Bill of Materials 3BM-0454-NM-0 to a lower design temperature or redesign the support system for SFC piping to accommodate the 300°F design temperature.

It is also recommended that the as-built computer model for the DHR and SFC Piping System reflect the actual spring rates of all linear support structures and snubber supports for all seismic response spectra computer runs. This would assure proper stiffness for the complete piping system and thus result in adequate loads and stresses.

6. FIGURES

BELLEFONTE**DECAY HEAT REMOVAL □ SPENT FUEL COOLING**NH-INC-E(NH-2ND-E)

UNDEFORMED SHAPE
09/12/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

LOCATION ~ NODAL & ELEMENT NUMBERS

SYMBOLS

XXX = NODAL NUMBERS
(YYY) = ELEMENT NUMBERS
R|— = RIGID RESTRAINT
□— = SNUBBER
VS = VARIABLE SPRING

REF DWG'S 1RW0413-ND-E1 R1
-E2 R1
-E3 R1
3RW0413-ND-01 R3
-02 R3
-03 R3
3RW0454-NM-04 R2
-08 R2

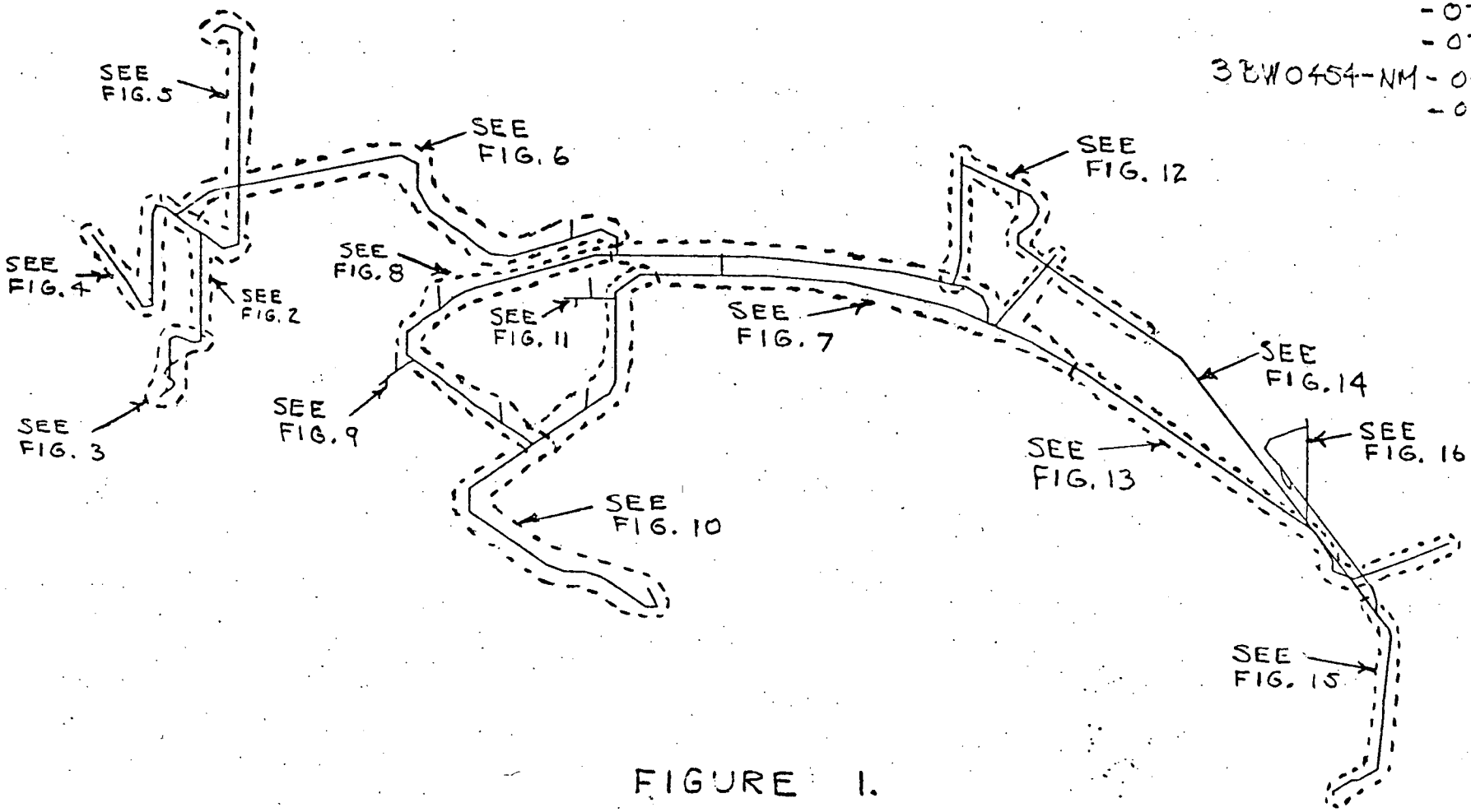

FIGURE 1.

DELLEFONTE**DECAY HEAT REMOVAL O SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
06/24/80
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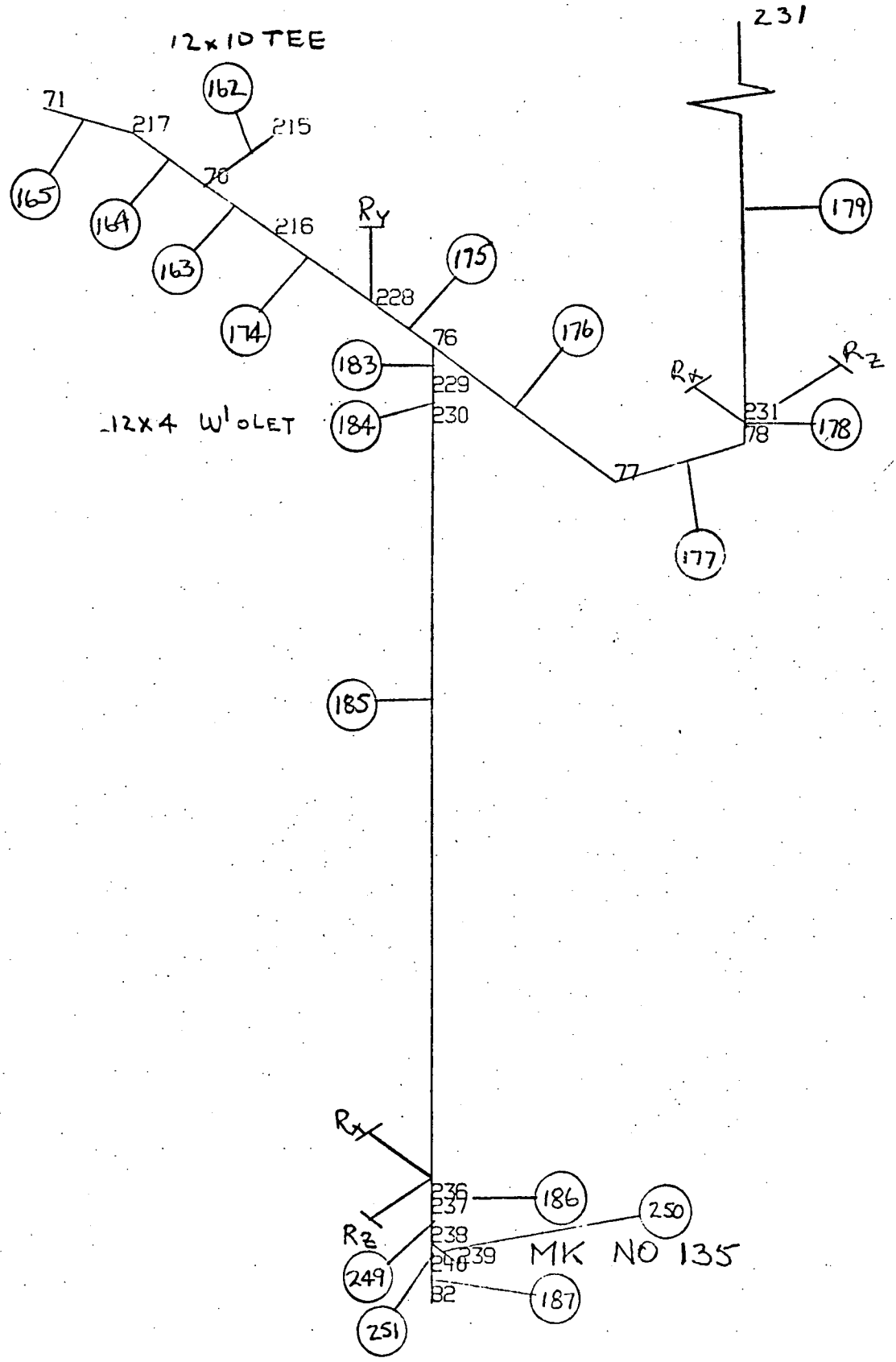

FIGURE 2.

BELLEFONTE**DECAY HEAT REMOVAL O SPENT FUEL COOLING**N+-IND-E(N+-2ND-E)

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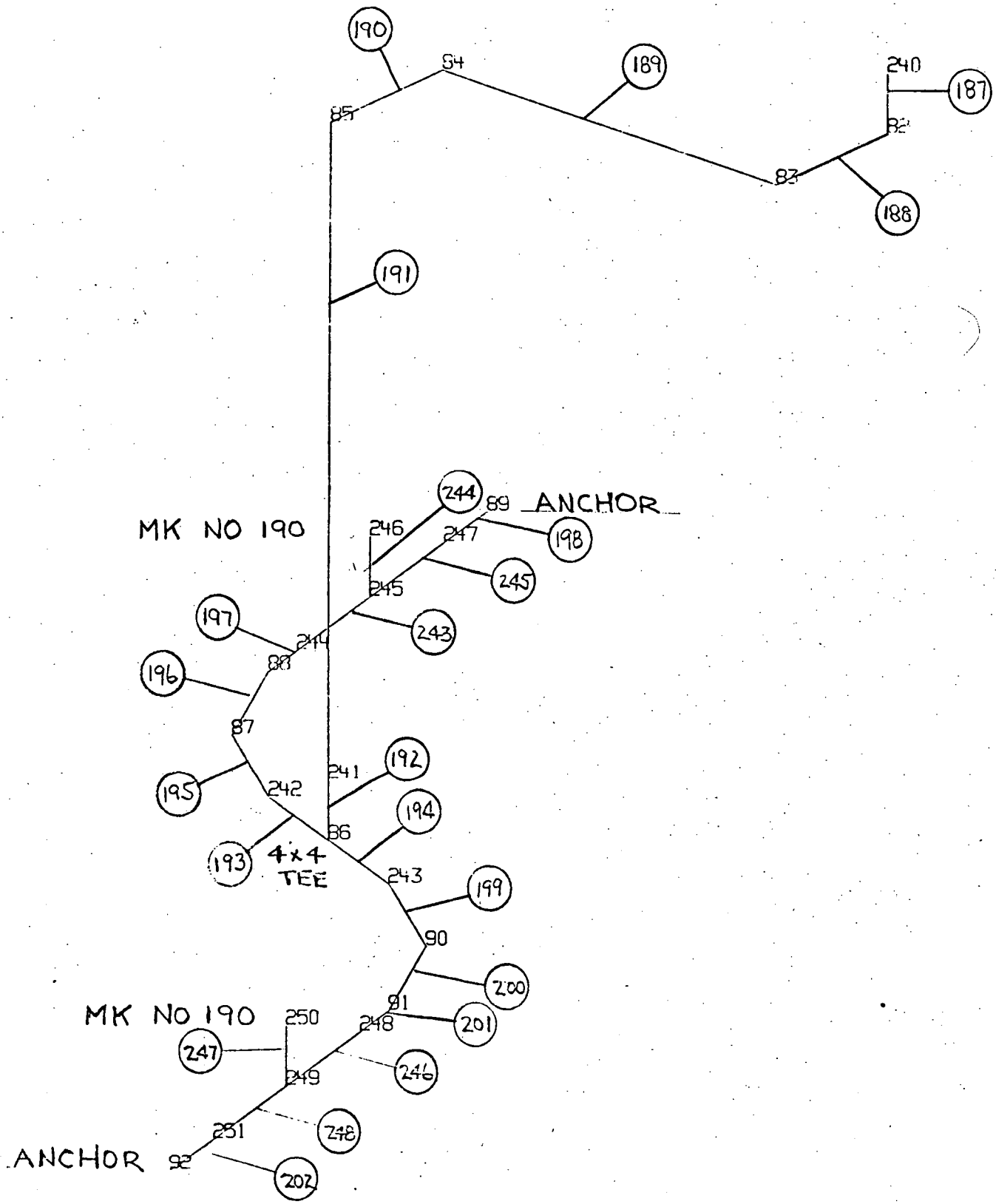

FIGURE 3

BELLEFONTE**DECAY HEAT REMOVAL □ SPENT FUEL COOLING**NH-IND-E(NH-2ND-E)

UNDEFORMED SHAPE
07/03/80
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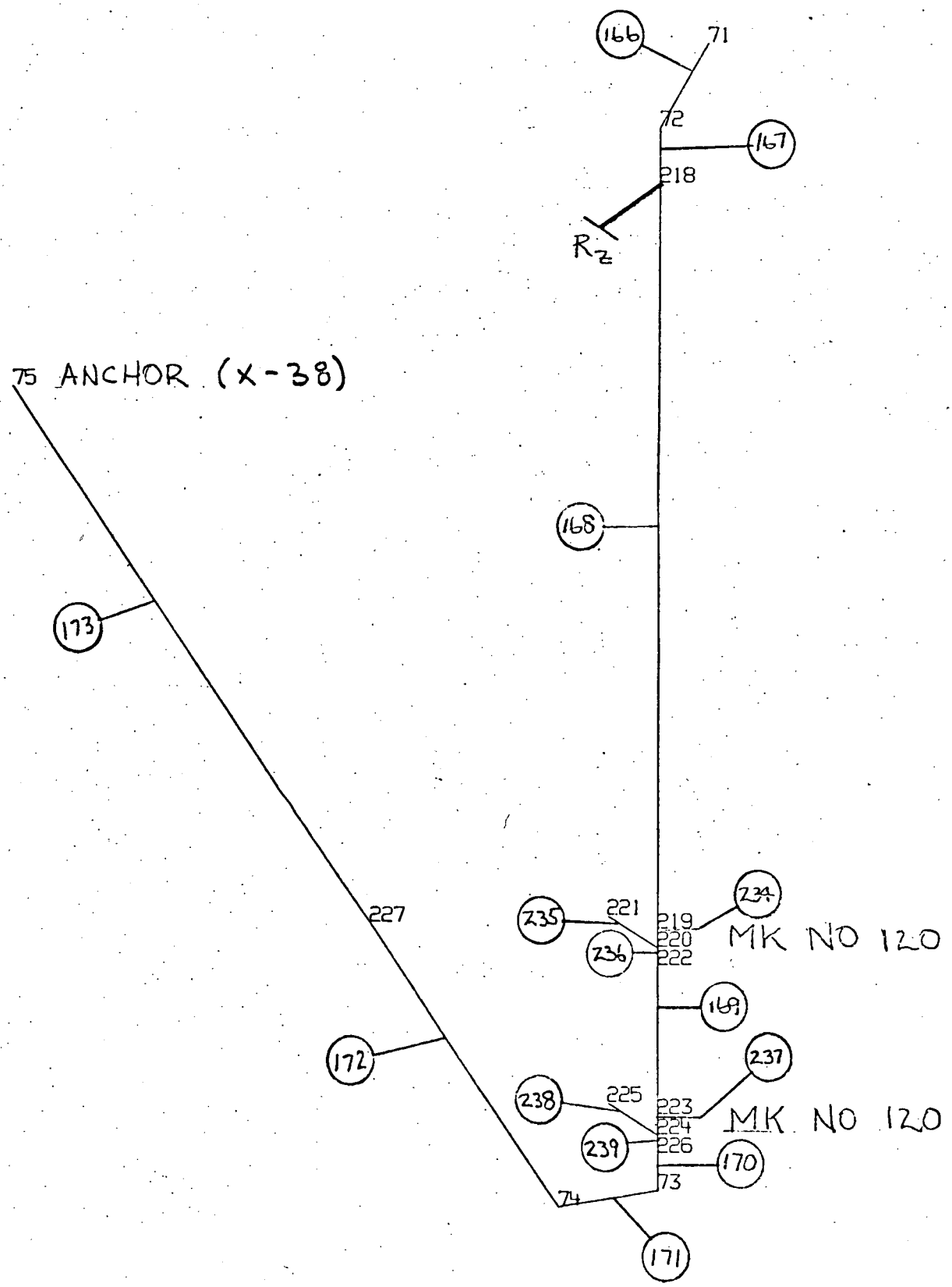

FIGURE 4.

BELLEFONTE**DECAY HEAT REMOVAL O SPENT FUEL COOLING**NH-IND-E(NH-2ND-E)

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06/26/80
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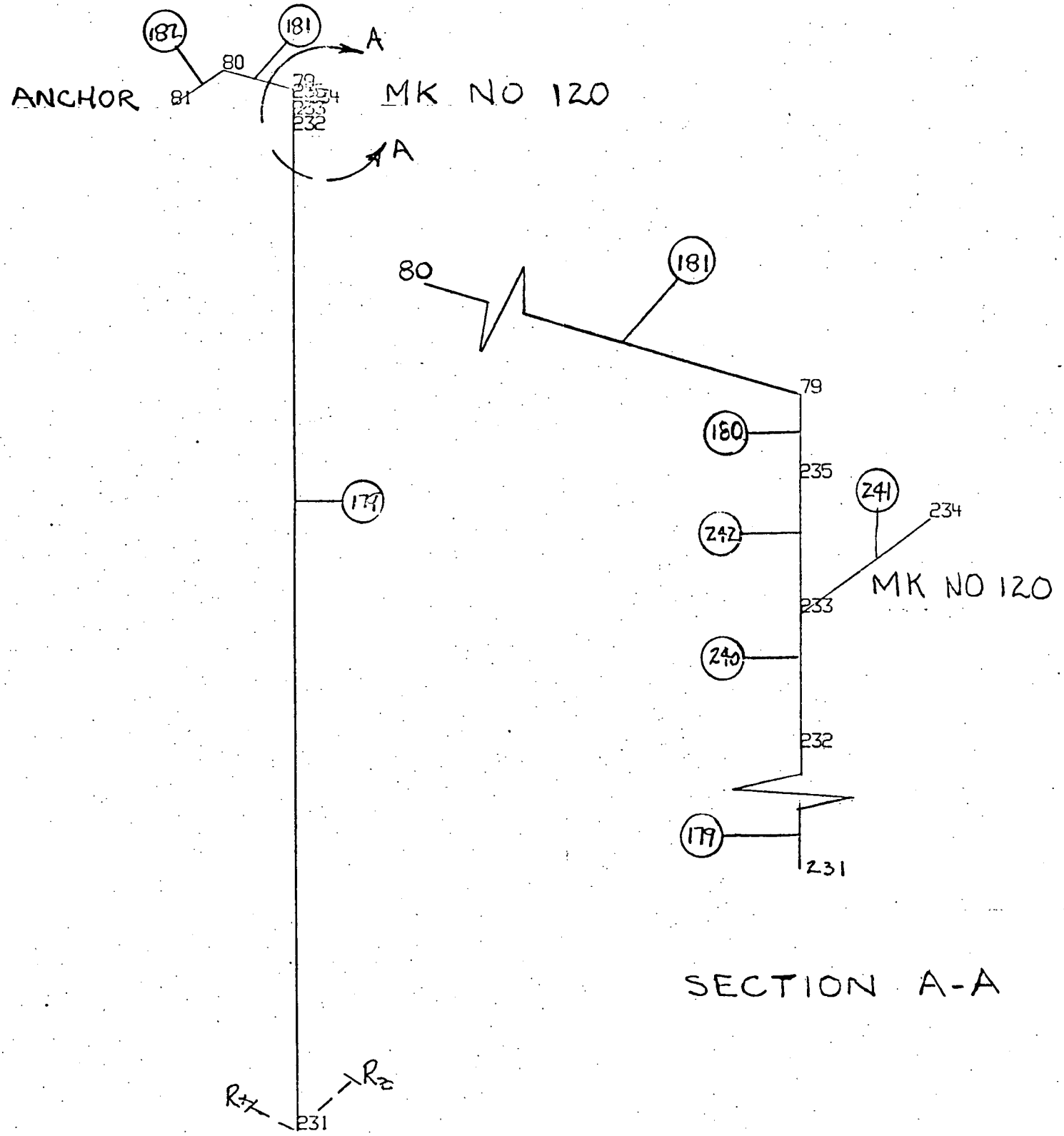

FIGURE 5.

BELLEFONTE**DECAY HEAT REMOVAL D SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
06/19/80
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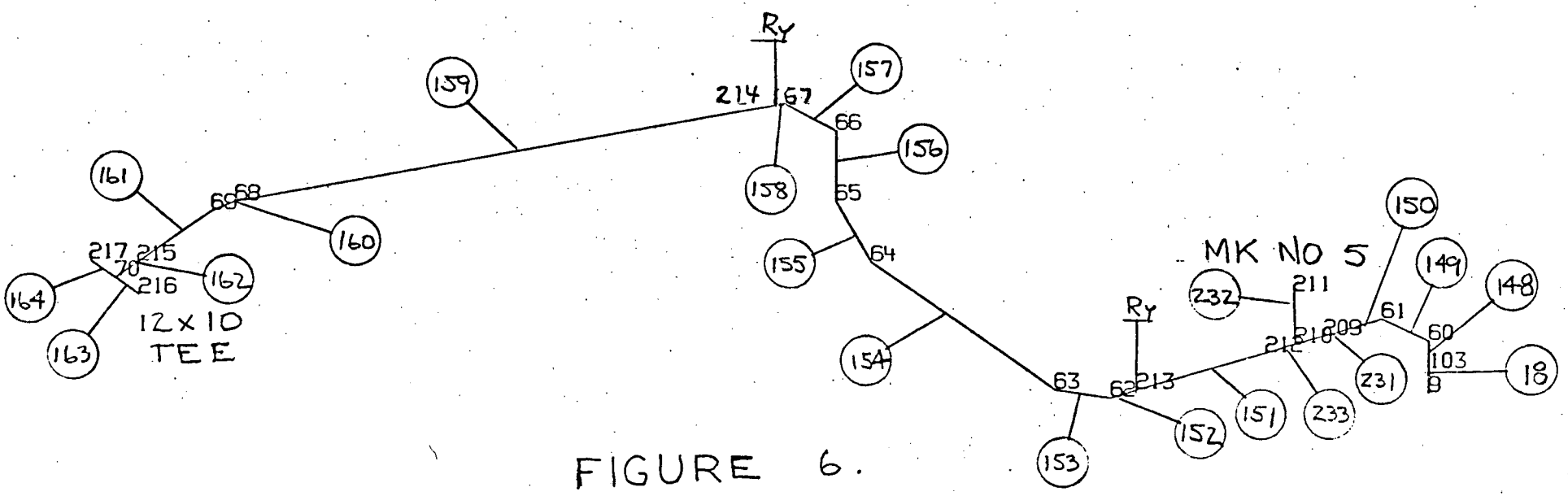

FIGURE 6.

BELLEFONTE**DECAY HEAT REMOVAL □ SPENT FUEL COOLING**N1-1ND-E(N1-2ND-E)

UNDEFORMED SHAPE
06/27/80
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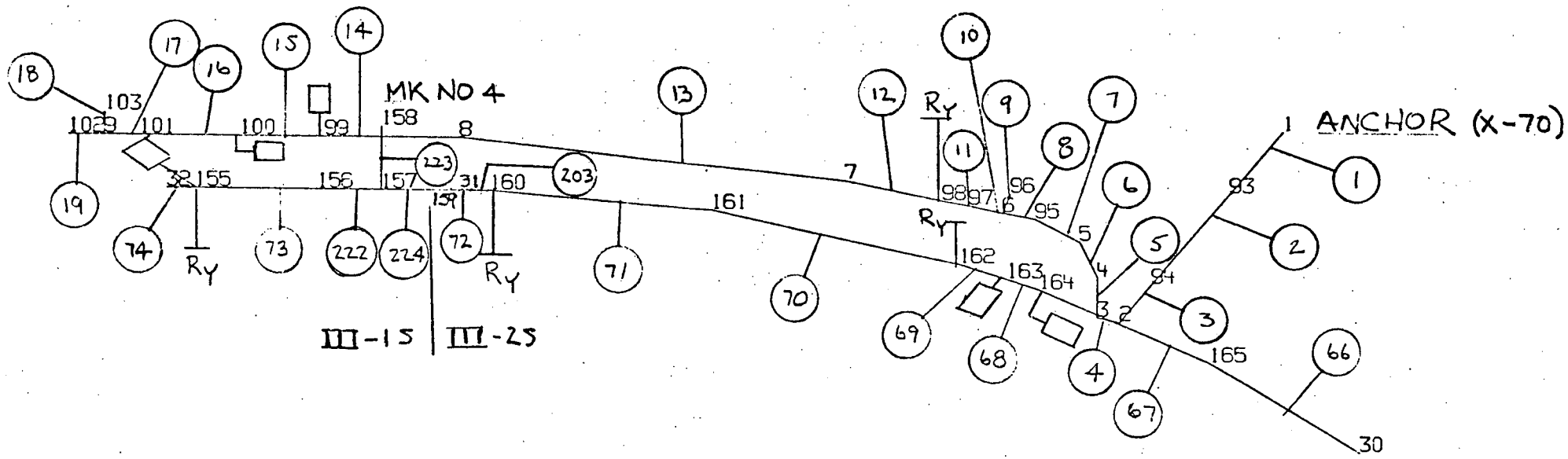

FIGURE 7.

BELLEFONTE**DECAY HEAT REMOVAL □ SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
05/1[illegible]
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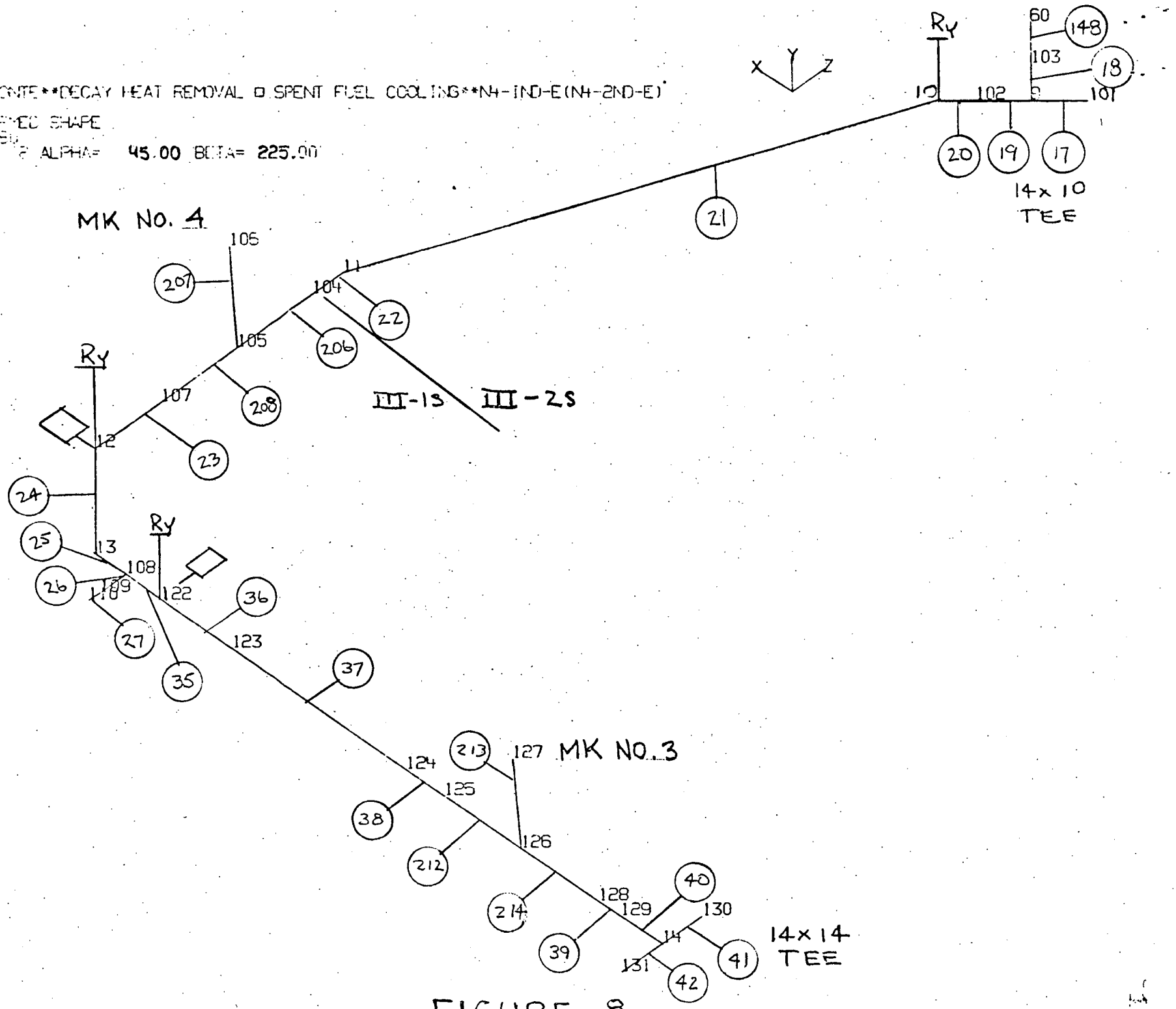

FIGURE 8

BELLEFONTE**DECAY HEAT REMOVAL D SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
07/03/80
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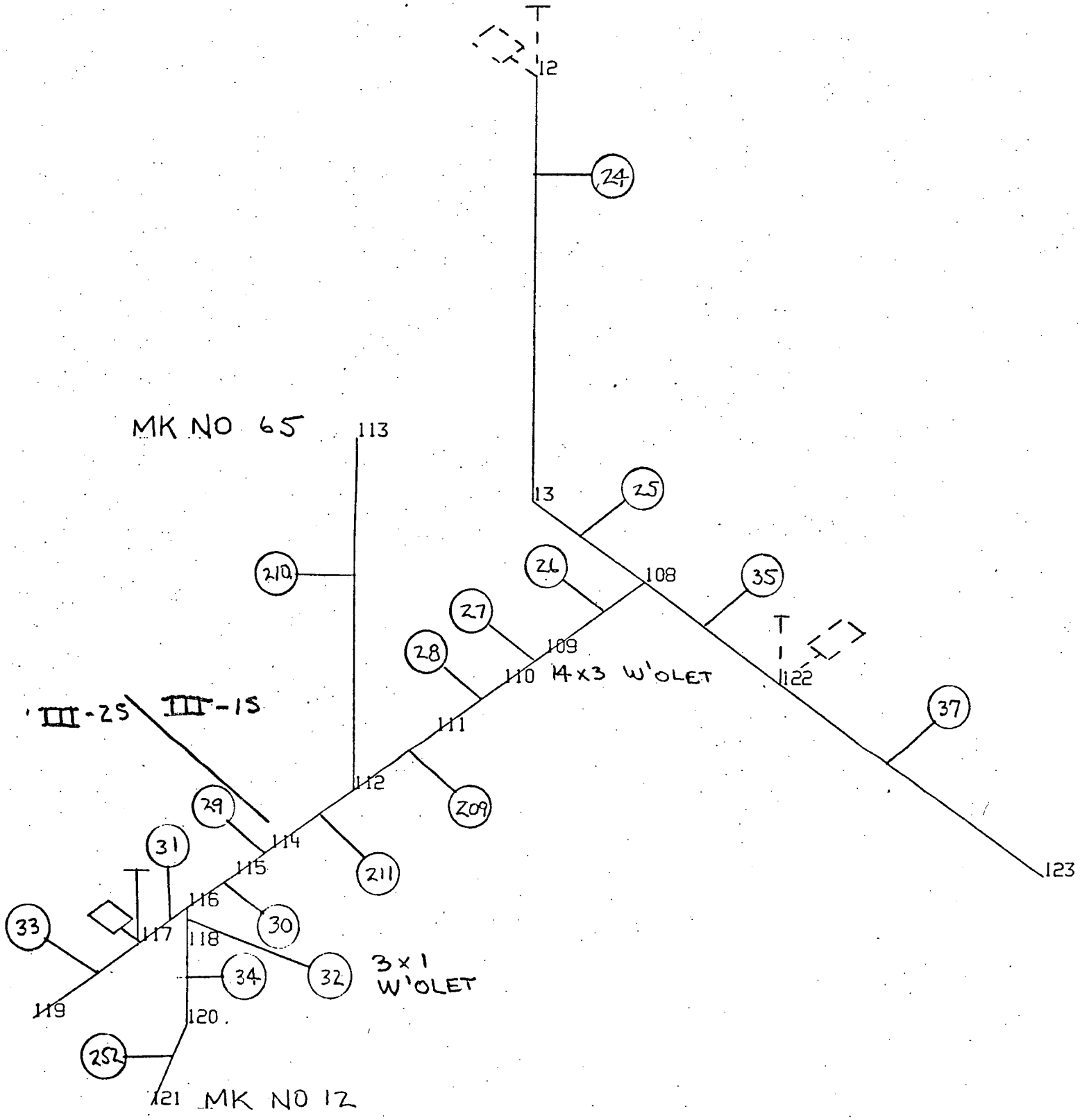

FIGURE 9.

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**NH-IND-E(NH-2ND-E)

UNDEFORMED SHAPE
06/27/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

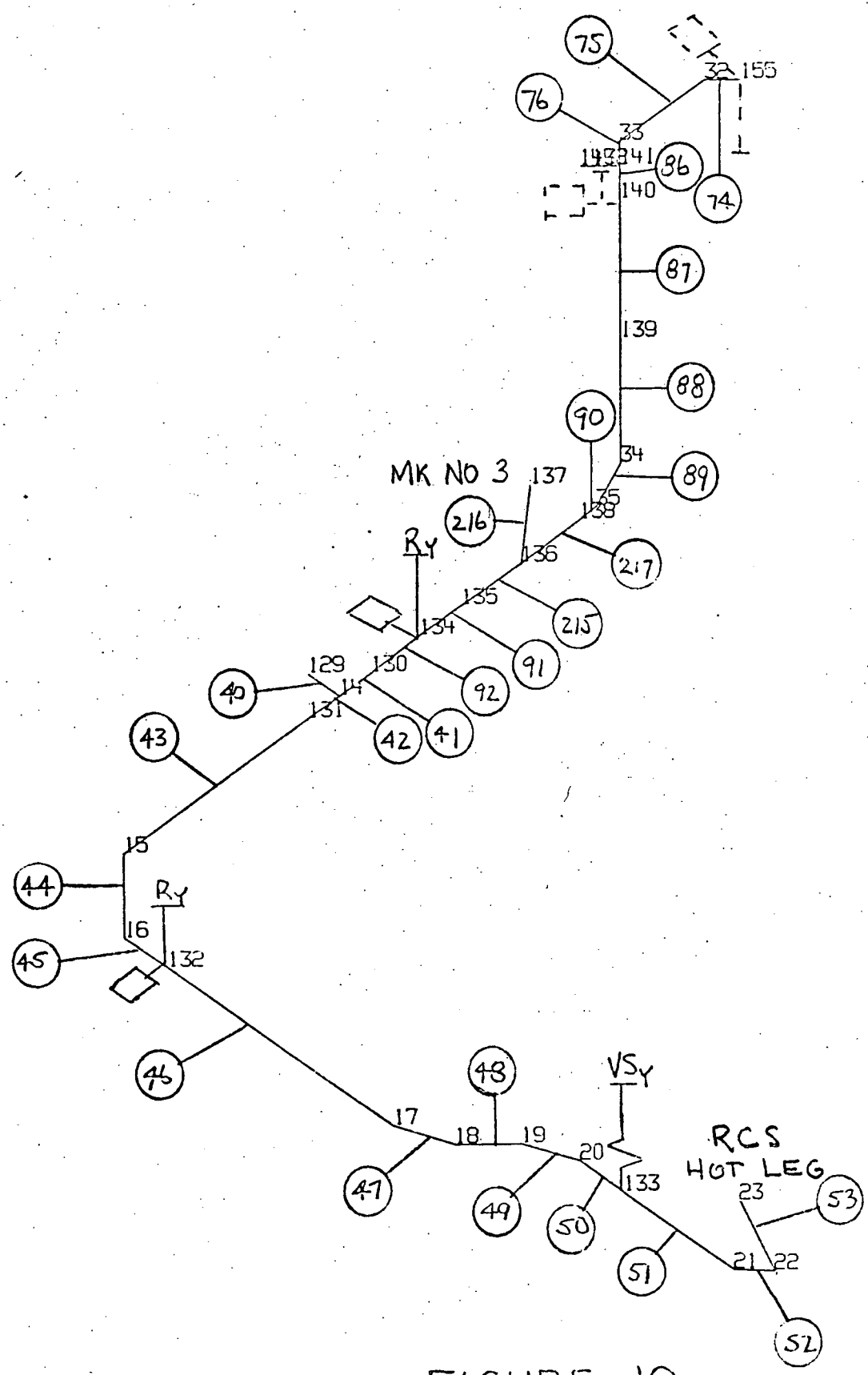

FIGURE 10.

BELLEFONTE**DECAY HEAT REMOVAL O SPENT FUEL COOLING**NH-IND-E(NH-2ND-E)

UNDEFORMED SHAPE
07/03/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

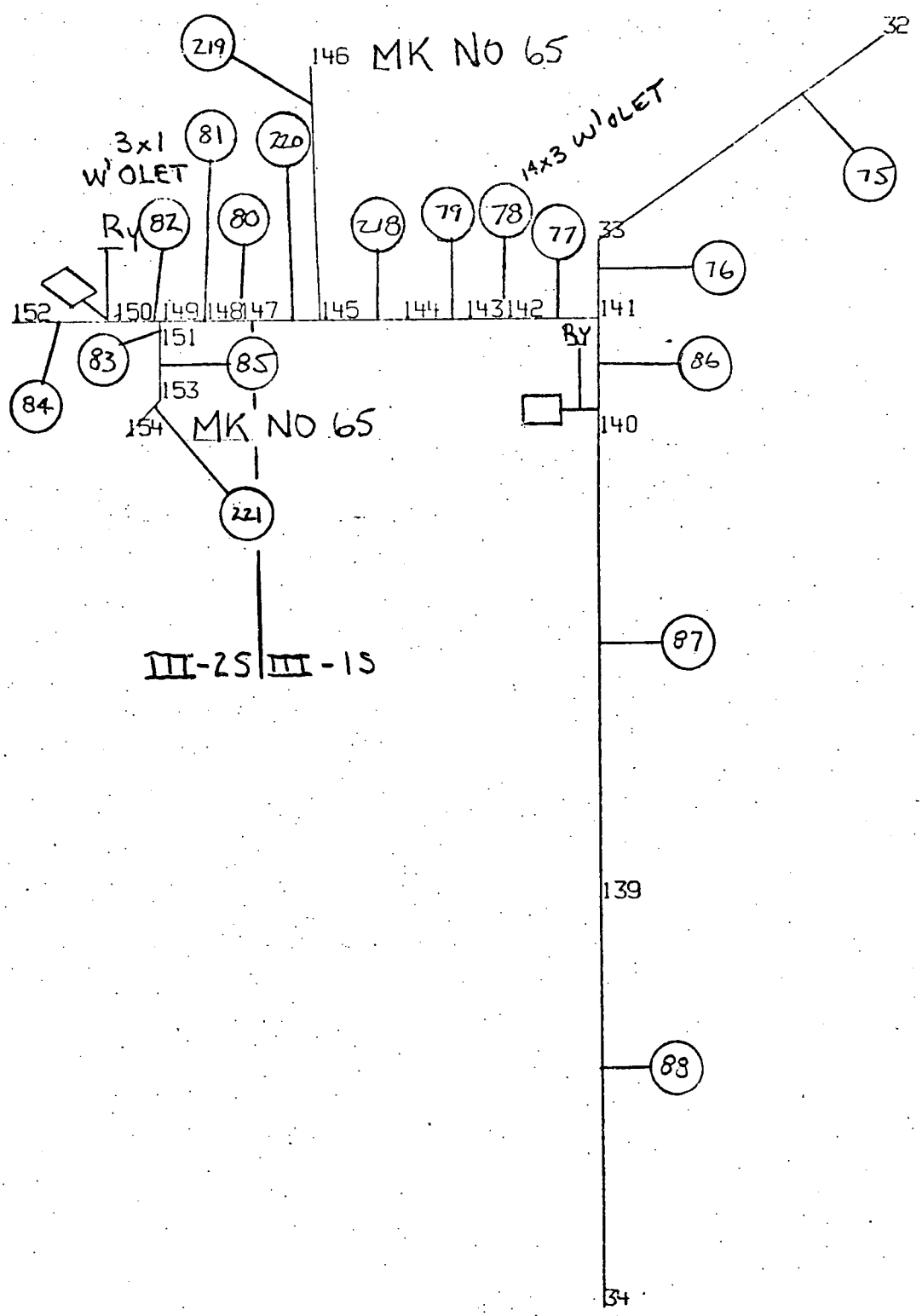

FIGURE 11.

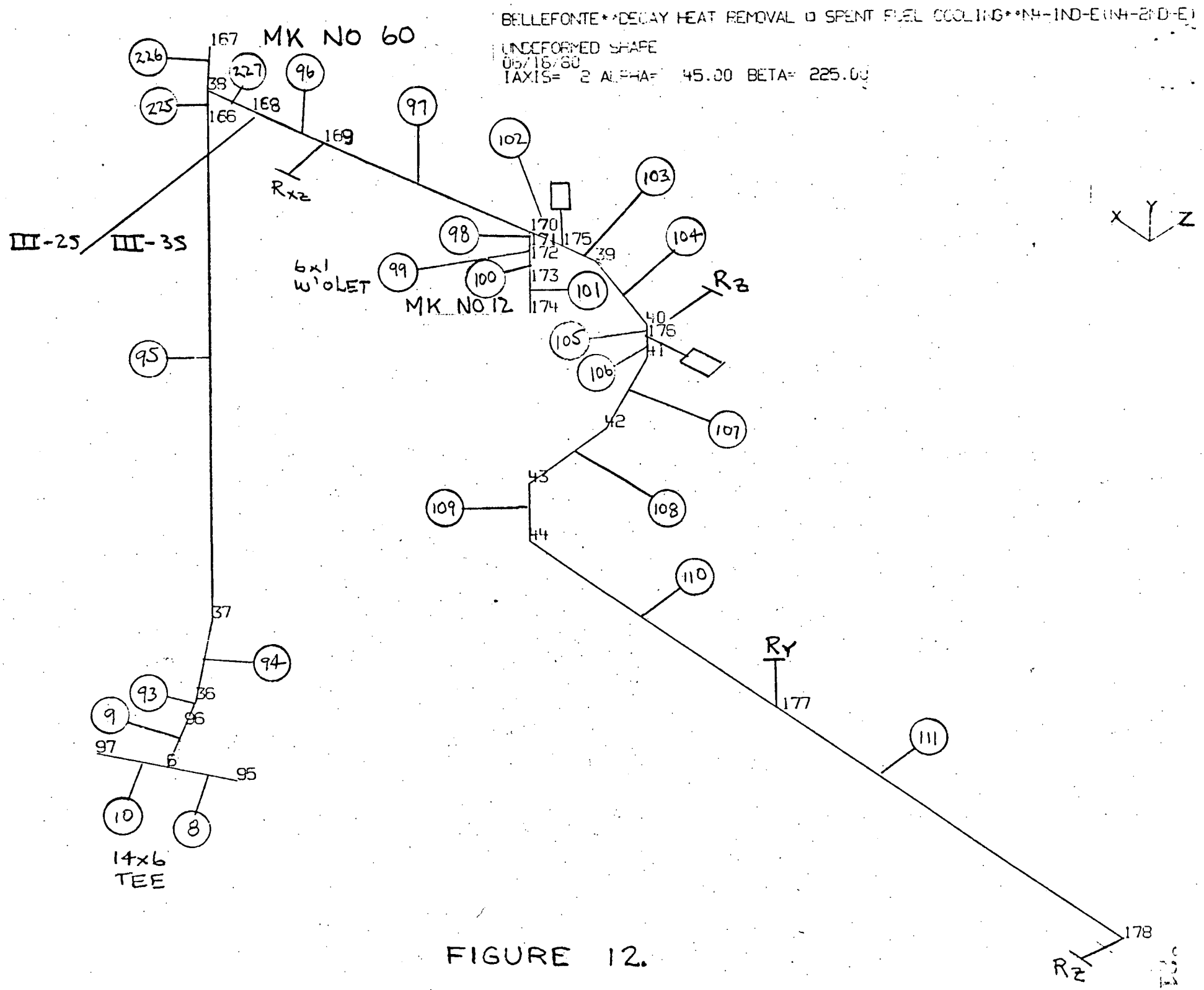
BELLEFONTE**DECAY HEAT REMOVAL O SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)
UNDEFORMED SHAPE
05/16/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00
MK NO 60
167
226
227
96
38
225
168
166
97
169
102
103
Rxz
III-2S
III-3S
98
170
171
175
104
172
39
6x1
w'OLET
99
100
173
101
Rz
MK NO 12
174
40
176
105
41
95
106
42
107
43
109
108
44
110
37
Ry
94
93
36
177
9
96
111
97
6
95
10
8
14x6
TEE
178
Rz
X
Y
Z

FIGURE 12.

BELLEFONTE**DECAY HEAT REMOVAL □ SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

DEFORMED SHAPE

IAXIS 2 ALPHA= 45.00 BETA= 225.00

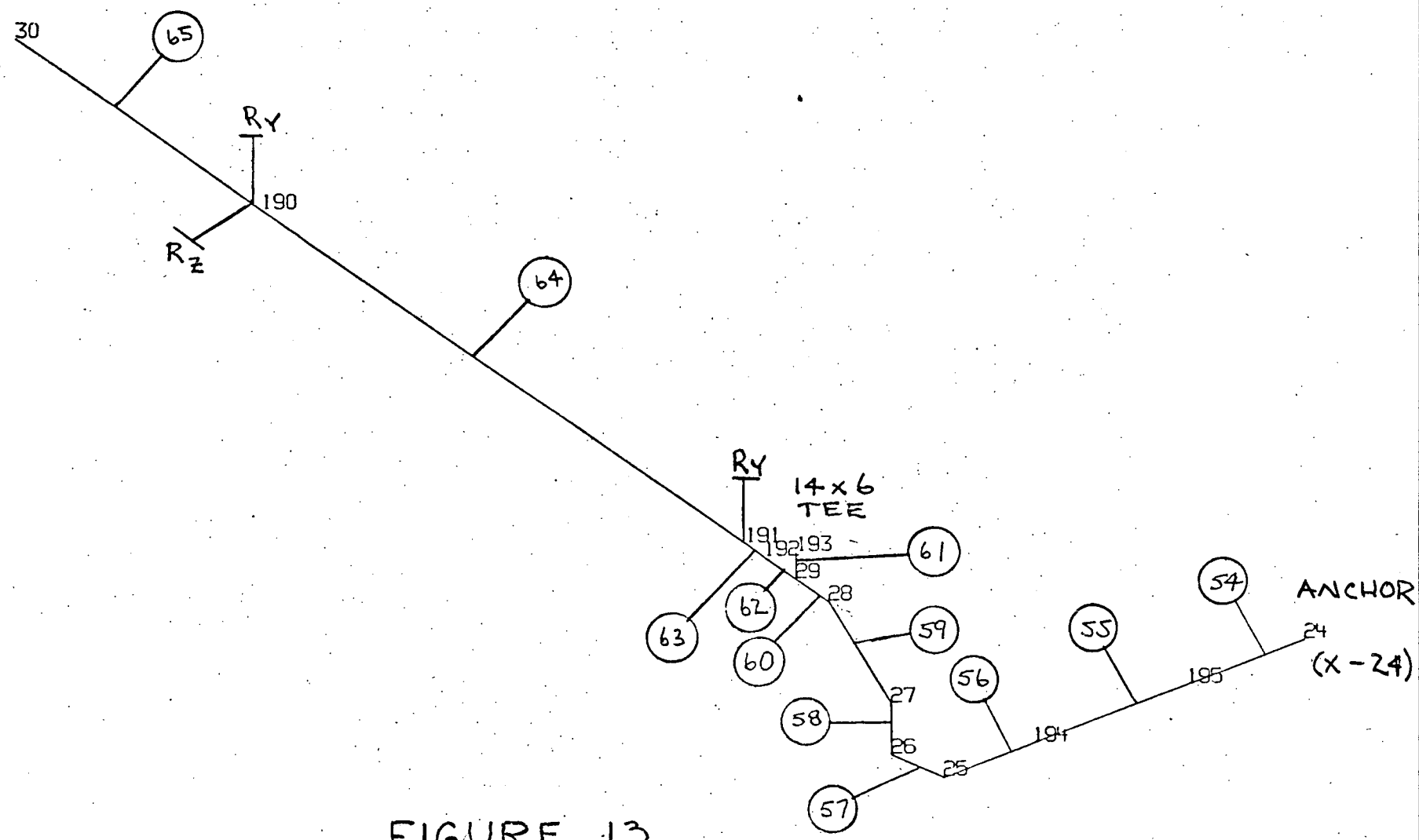

FIGURE 13

BELLEFONTE**DECAY HEAT REMOVAL D SPENT FUEL COOLING**N1-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
(5/18/80)
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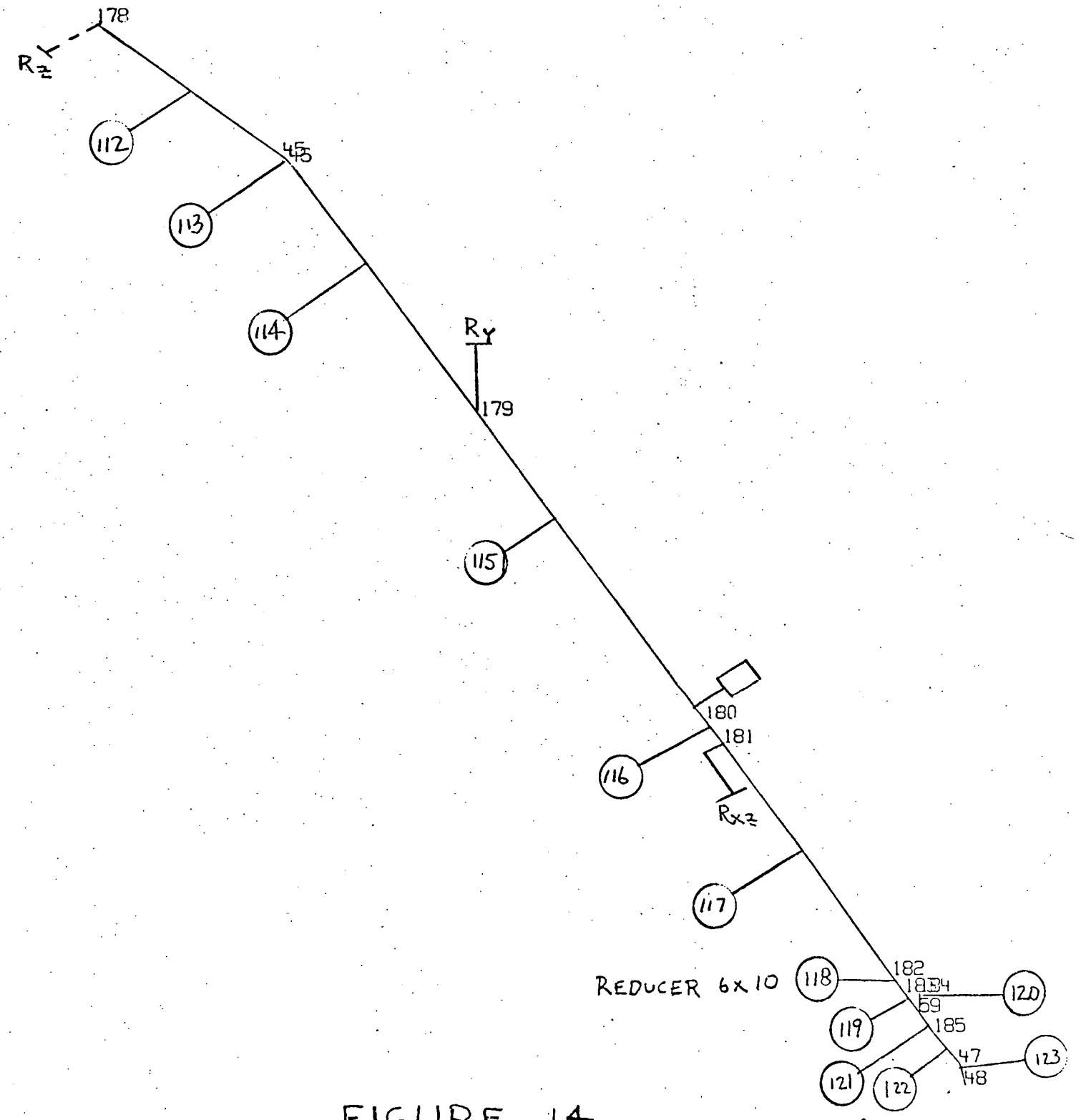


FIGURE 14.

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**N1-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
06/18/90
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

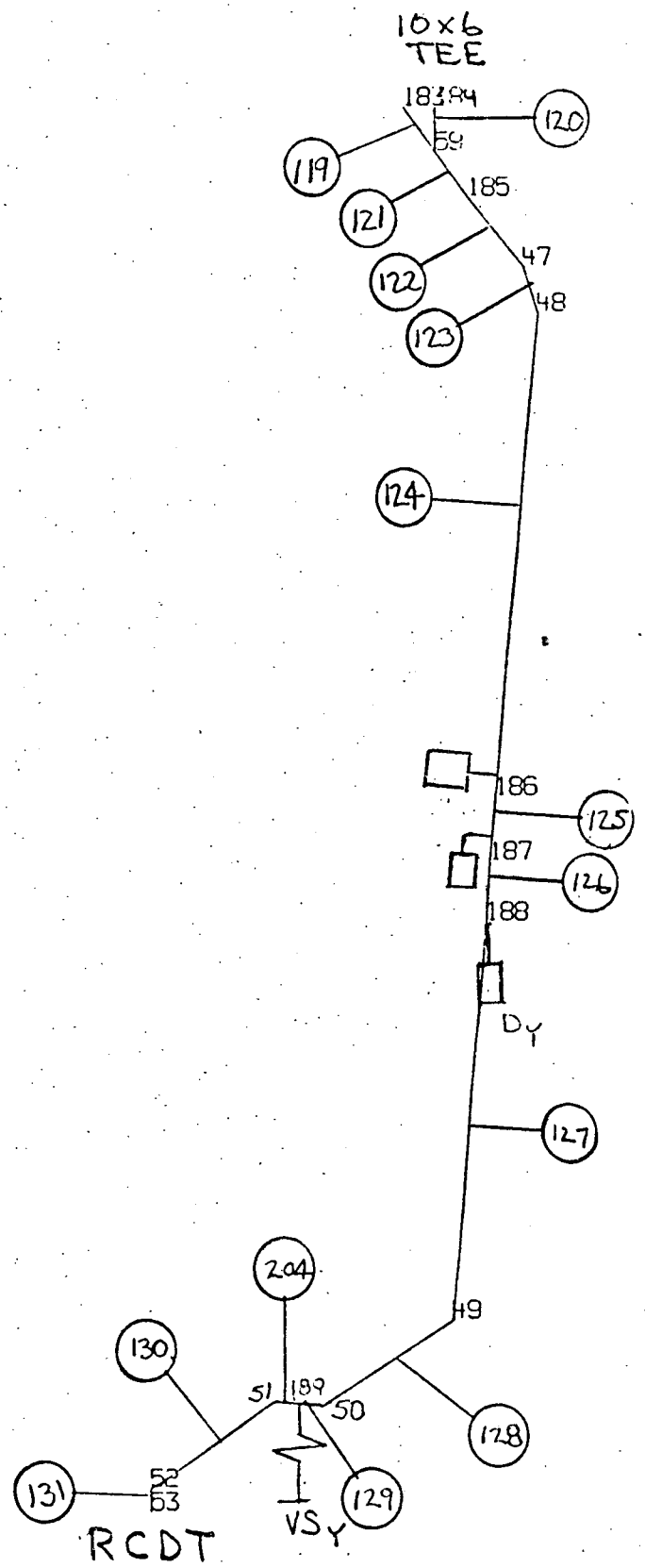


FIGURE 15.

BELLEFONTE**DECAY HEAT REMOVAL □ SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
08/11/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

III-3S III-2S

MK NO 60

6x1 W'OLET

MK NO 12

R_{XZ}

R_Y

228 197 229 54 230 198 196 146 145 252 253 55 56 144 199 143 147 142 200 205 141 202 203 206 204 137 205 139 140 138 136 207 192 193 61 29 28 62 60 135 208 57 134 133 58 132 183 84 120 59 119 185 121 47 122

FIGURE 16.

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**NH-INC-E(NH-2ND-E)

UNDEFORMED SHAPE
09/12/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

PIPE CLASSIFICATION & PIPE SIZE

CLASS III-1S ~ ANALYZED PER NB SECTION
CLASS III-2S ~ " " NC "
CLASS III-3S ~ " " ND "

REF.~ 3RM0413-ND-1
3BM0454-NM-00

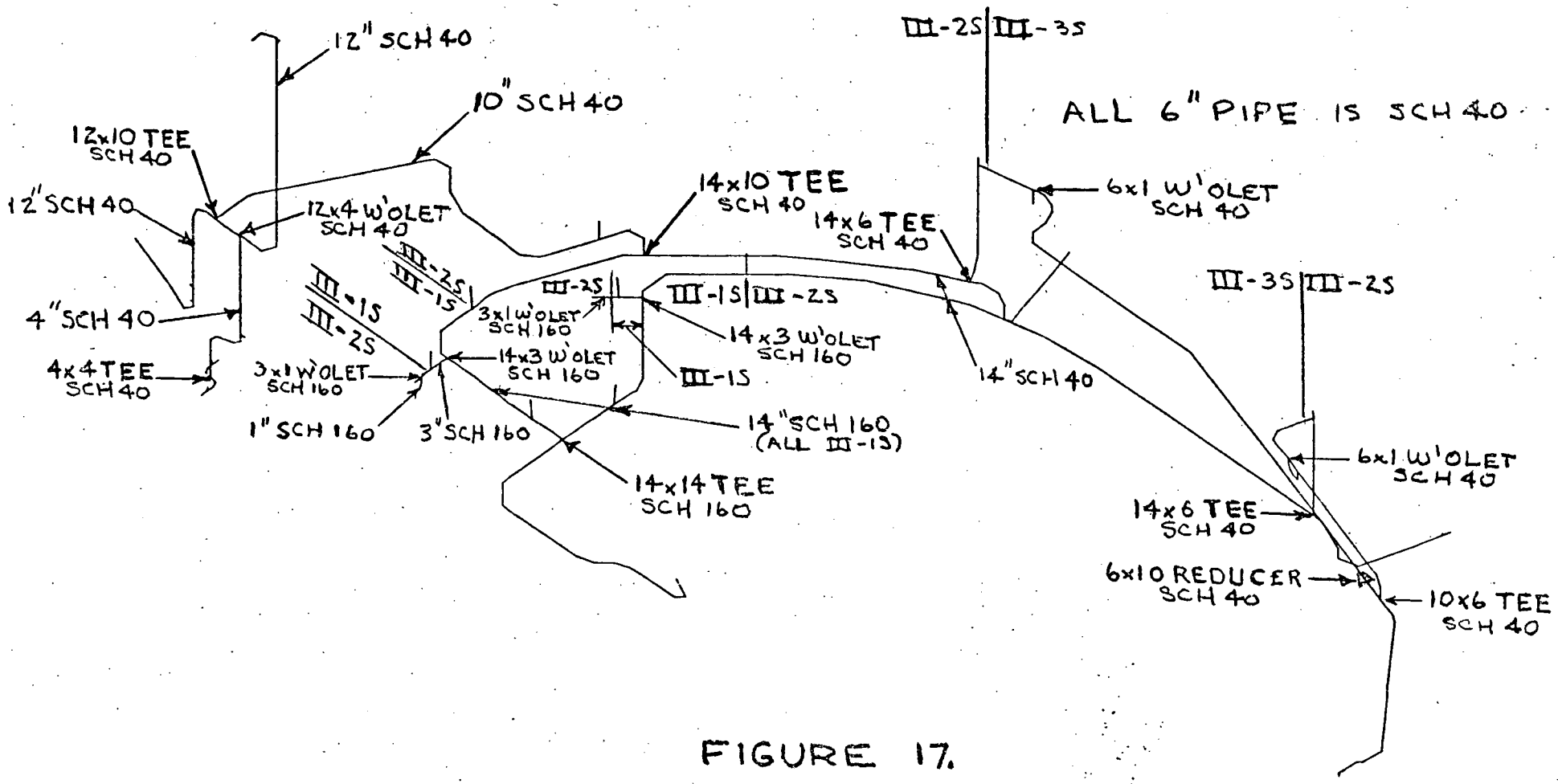


FIGURE 17.

BELLEFONTE**DECAY HEAT REMOVAL @ SPENT FUEL COOLING**N4-INC-E(N4-2ND-E)

UNDEFORMED SHAPE
09/12/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

INSULATION WEIGHTS

A TO B = 21.9 #/FT
B TO C = C TO D = C TO K = 25.7 #/FT
D TO E = E TO G = G TO H = I TO J = K TO L = L TO N = N TO O = O TO P = Q TO R = 15.1 #/FT
H TO I = P TO Q = 12.8 #/FT
N TO W = 10.4 #/FT
W TO X = 12.5 #/FT
O TO U = G TO S = 5.7 #/FT
U TO V = S TO T = 7.2 #/FT
E TO F = L TO M = 4.8 #/FT

REF. DWG~3AT0412-ND-01R1

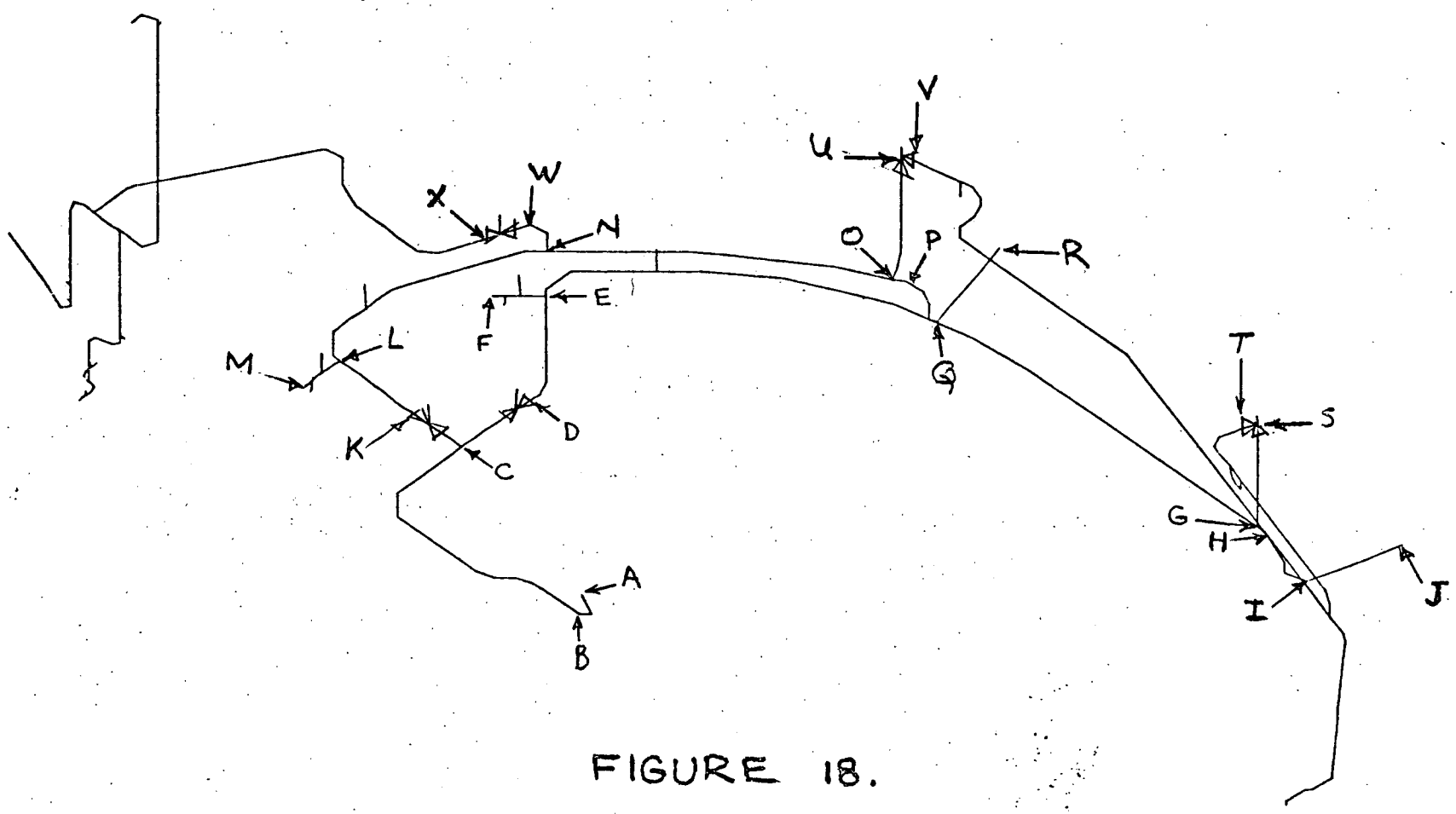


FIGURE 18.

BELLEFONTE**DECAY HEAT REMOVAL □ SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
08/11/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

SUPPORT SUMMARY

SYMBOLS			
R = RIGID RESTRAINT	~	31	TOTAL
S = SNUBBER	~	20	"
VS = VARIABLE SPRING	~	2	"
▲ = FIX ANCHOR	~	6	"
△ = MOVING ANCHOR	~	2	"

REF DWGS ~ 1RW0413-ND-E1 (R1)
1RW0413-ND-E2(R1)
1RW0413-ND-E3(R1)

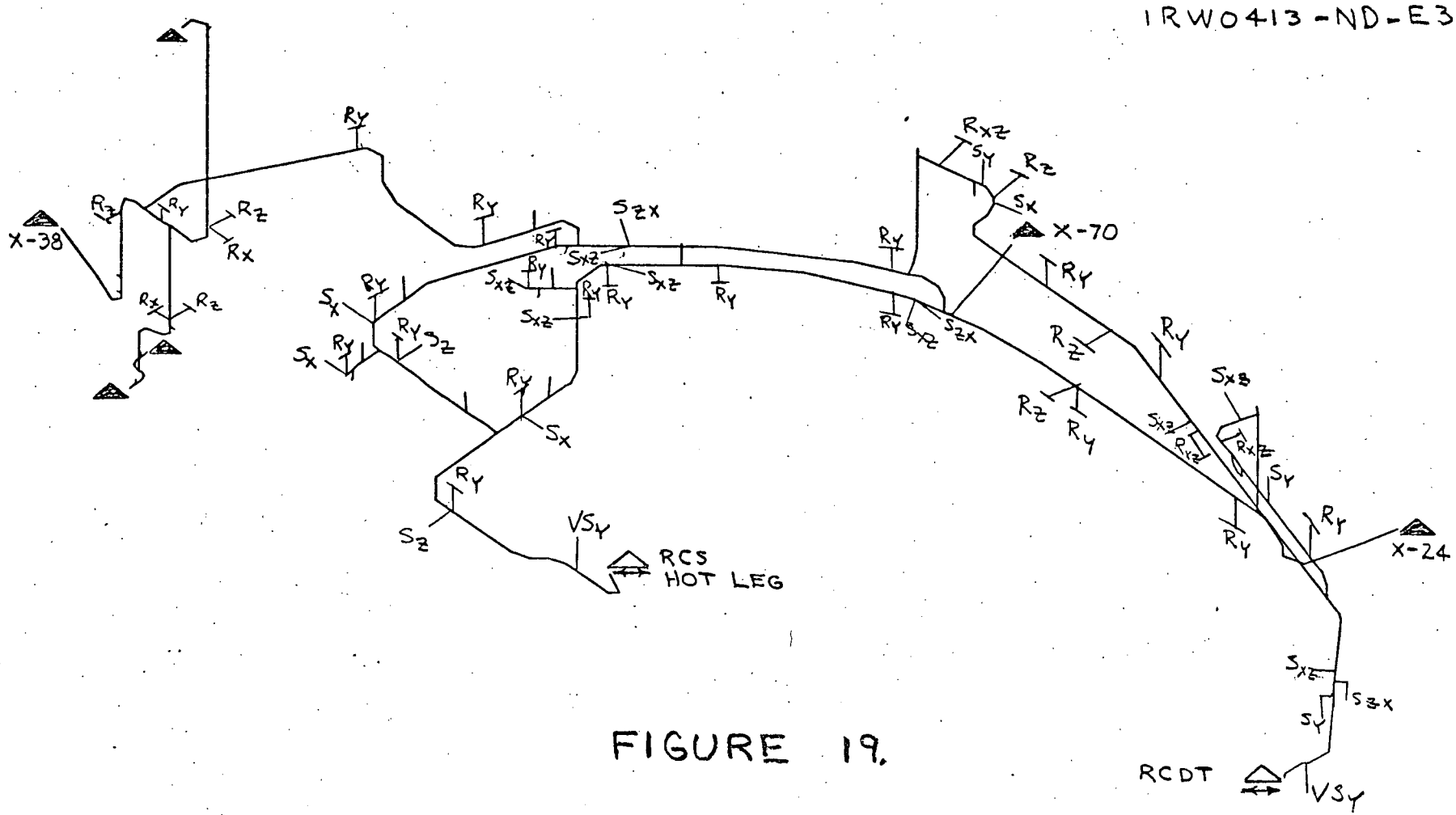


FIGURE 19.

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
09/12/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

DESIGN CONDITION

PRESSURE

A TO B = B TO C = C TO D = B TO I = I TO J = 2500 PSIG
D TO E = E TO F = E TO G = G TO X = X TO H = 675 PSIG
J TO K = K TO L = L TO M = L TO N = N TO X = 675 PSIG
K TO O = 675 PSIG
O TO P = P TO Q = Q TO R = P TO S = S TO T = 50 PSIG
S TO U = U TO Y = Y TO V = Y TO W = 50 PSIG
SECTION II-II = 2500 PSIG

TEMPERATURE

A TO B = B TO C = C TO D = B TO I = I TO J = 670°F
D TO E = E TO F = E TO G = G TO X = X TO H = 350°F
J TO K = K TO L = L TO M = L TO N = N TO X = 350°F
K TO O = 350°F
O TO P = P TO Q = Q TO R = P TO S = S TO T = 300°F
S TO U = U TO Y = Y TO V = Y TO W = 300°F
SECTION II-II = 350°F

REF ~ 3RM0413-ND-1
3BM0454-NM-00

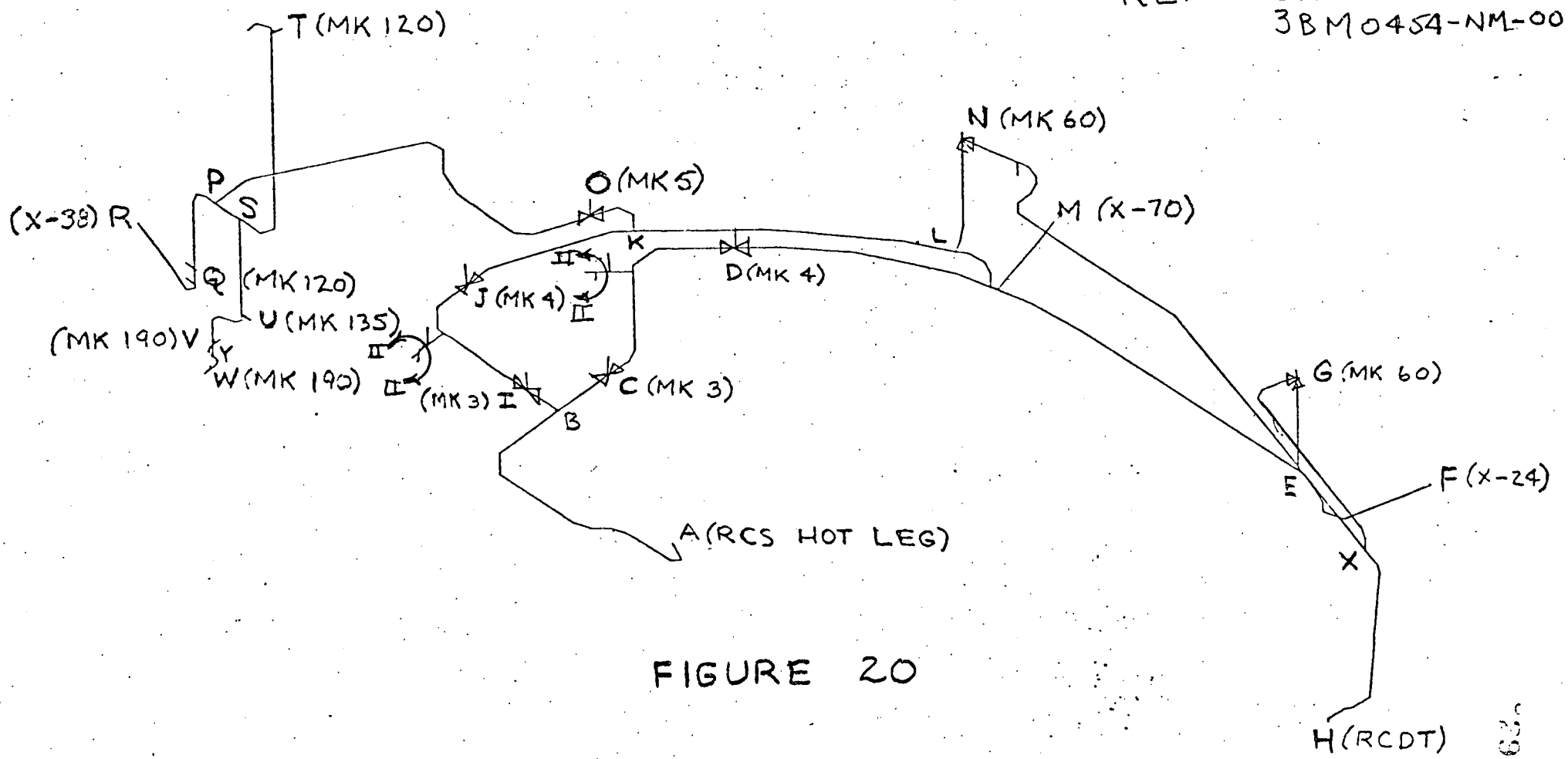


FIGURE 20

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**N-1ND-E(N1-2ND-E)

UNDEFORMED SHAPE
09/12/80
1AXIS= 2 ALPHA= 45.00 BETA= 225.00

NORMAL CONDITION 1A

PRESSURE

A TO B = B TO C = C TO D = B TO I = I TO J = 2205 PSIG
D TO E = E TO F = E TO G = J TO K = K TO L = 30 PSIG
L TO M = L TO N = K TO O = 30 PSIG
ALL REMAINING LOCATIONS = 0 PSIG
SECTION II-II = 2205 PSIG

TEMPERATURE

A TO B = B TO C = B TO I = 630°F
ALL REMAINING LOCATIONS = 120°F

REF ~ TVA'S "OPERATIONAL MODES ANALYSIS FOR PIPING SYSTEMS", DATED 7-13-78

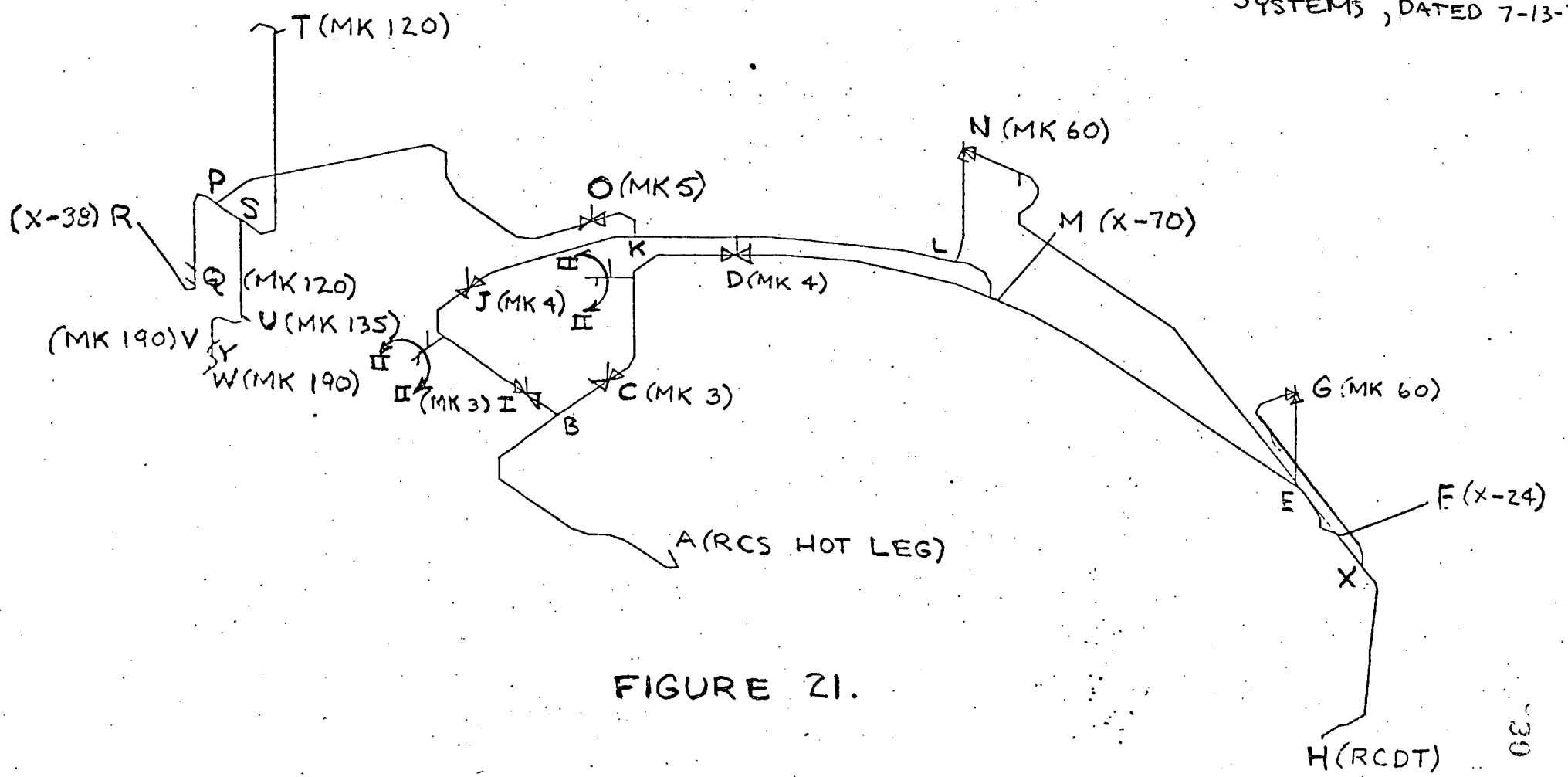


FIGURE 21.

BELLEFONTE**DECAY HEAT REMOVAL O SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
09/12/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

NORMAL CONDITION 1B

PRESSURE

A TO B = B TO C = C TO D = D TO E = E TO F = 300 PSIG
B TO I = I TO J = J TO K = K TO L = L TO M = 300 PSIG
E TO G = L TO N = K TO O = 300 PSIG
ALL REMAINING LOCATIONS = 0 PSIG
SECTION II - II = 300 PSIG

TEMPERATURE

A TO B = B TO C = C TO D = D TO E = E TO F = 305°F
B TO I = I TO J = J TO K = K TO L = L TO M = 305°F
E TO G = L TO N = K TO O = 305°F
ALL REMAINING LOCATIONS = 120°F
SECTION II - II = 305°F

REF ~ TVA'S "OPERATIONAL MODES ANALYSIS FOR PIPING SYSTEMS", DATED 7-13-78

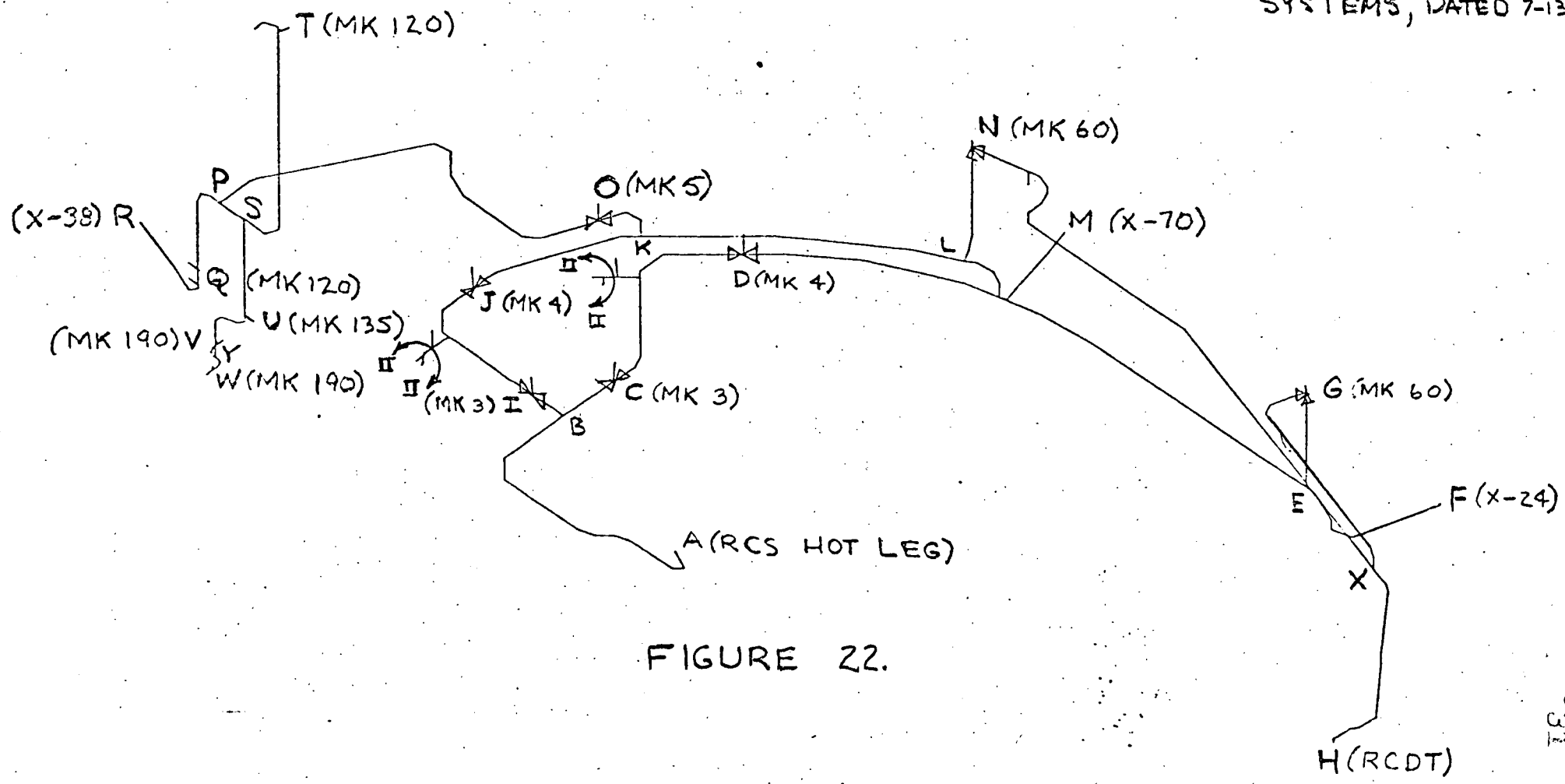


FIGURE 22.

BELLEFONTE**DECAY HEAT REMOVAL O SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
09/12/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

NORMAL CONDITION 1C

PRESSURE
ALL LOCATIONS = 0 PSIG

TEMPERATURE
A TO B = B TO C = C TO D = D TO E = E TO F = 140°F
B TO I = I TO J = J TO K = K TO L = L TO M = 140°F
E TO G = L TO N = K TO O = O TO P = P TO Q = 140°F
P TO S = S TO U = U TO Y = Y TO V = Y TO W = 140°F
ALL REMAINING LOCATIONS = 70°F
SECTION II-II = 140°F

REF ~ TVA's "OPERATIONAL MODES ANALYSIS FOR PIPING SYSTEMS", DATED 7-13-78

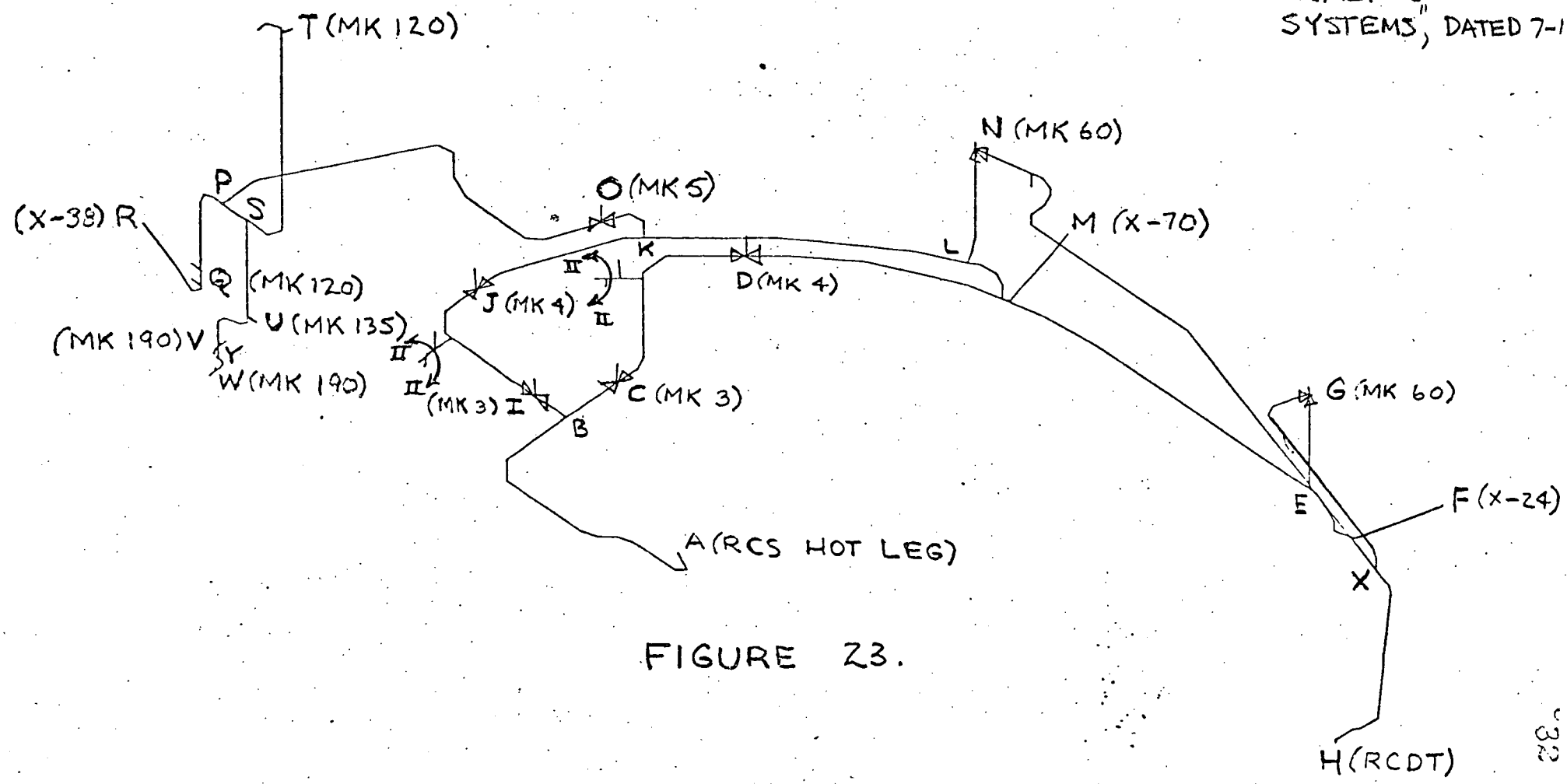


FIGURE 23.

BELLEFONTE**DECAY HEAT REMOVAL O SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
09/12/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

NORMAL CONDITION 1D

PRESSURE

O TO P = P TO Q = Q TO R = P TO S = S TO T = 60 PSIG
S TO U = 60 PSIG
ALL REMAINING LOCATIONS = 0 PSIG

TEMPERATURE

A TO B = B TO C = C TO D = D TO E = E TO F = 140°F
B TO I = I TO J = J TO K = K TO L = L TO M = 140°F
E TO G = L TO N = K TO O = 140°F
N TO X = X TO H = G TO X = O TO P = U TO Y = 70°F
Y TO V = Y TO W = 70°F
ALL REMAINING LOCATIONS = 40°F
SECTION II-II = 140°F

REF. ~TVA'S "OPERATIONAL MODES ANALYSIS FOR PIPING SYSTEMS", DATED 7-13-78

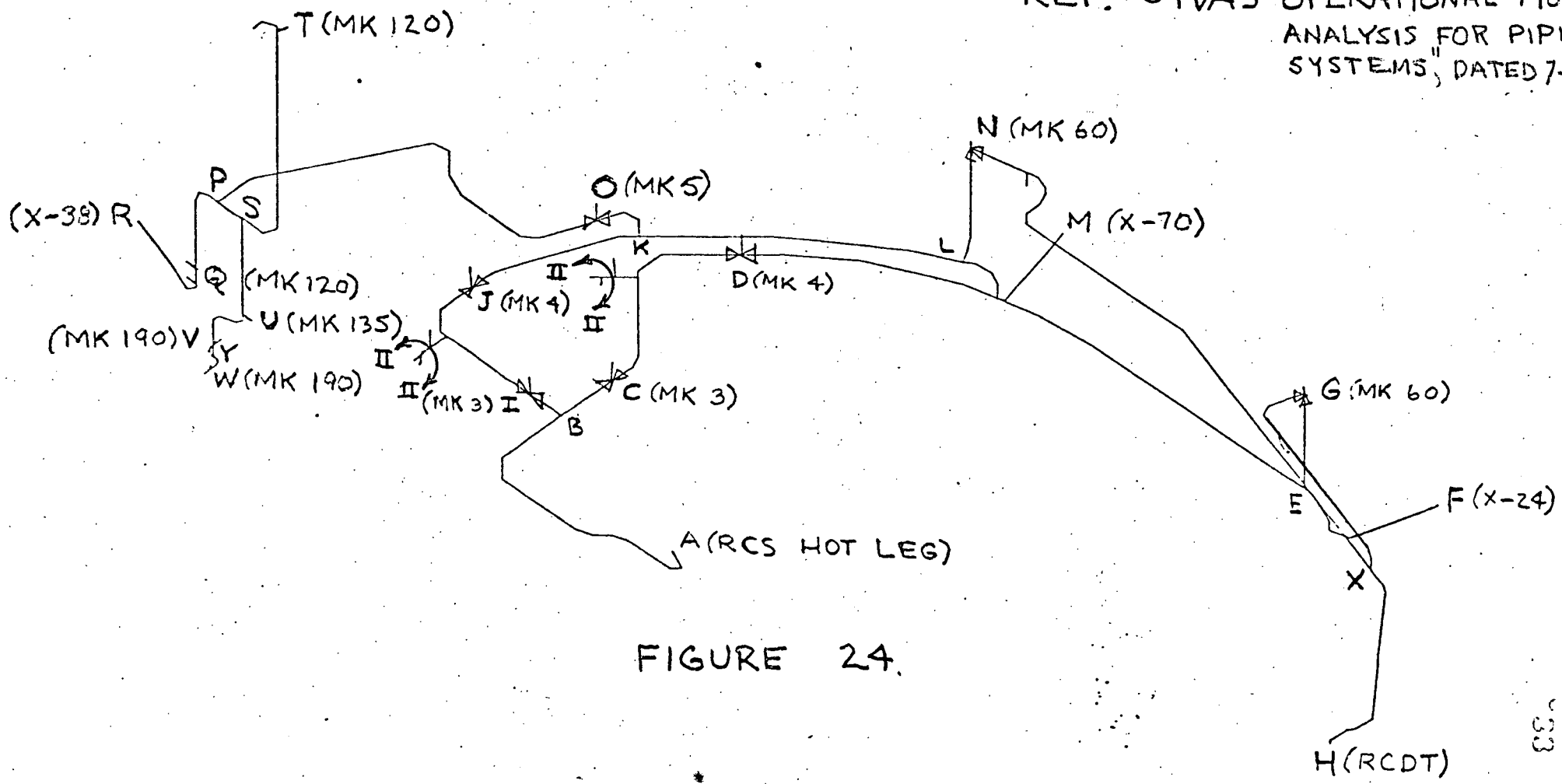


FIGURE 24.

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**NH-1ND-E(NH-2ND-E)

UNDEFORMED SHAPE
09/12/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

UPSET CONDITION 2A

PRESSURE

A TO B = B TO I = I TO J = J TO K = K TO L = 300 PSIG
L TO M = L TO N = K TO O = B TO C = C TO D = 300 PSIG
D TO E = E TO F = E TO G = 30 PSIG
ALL REMAINING LOCATIONS = 0 PSIG
SECTION I-I = 300 PSIG
SECTION II-II = 300 PSIG

TEMPERATURE

A TO B = B TO I = I TO J = J TO K = K TO L = 305°F
L TO M = L TO N = K TO O = B TO C = 305°F
ALL REMAINING LOCATIONS = 70°F
SECTION I-I = 305°F
SECTION II-II = 70°F

REF. ~TVA'S "OPERATIONAL MODES ANALYSIS FOR PIPING SYSTEMS", DATED 7-13-78

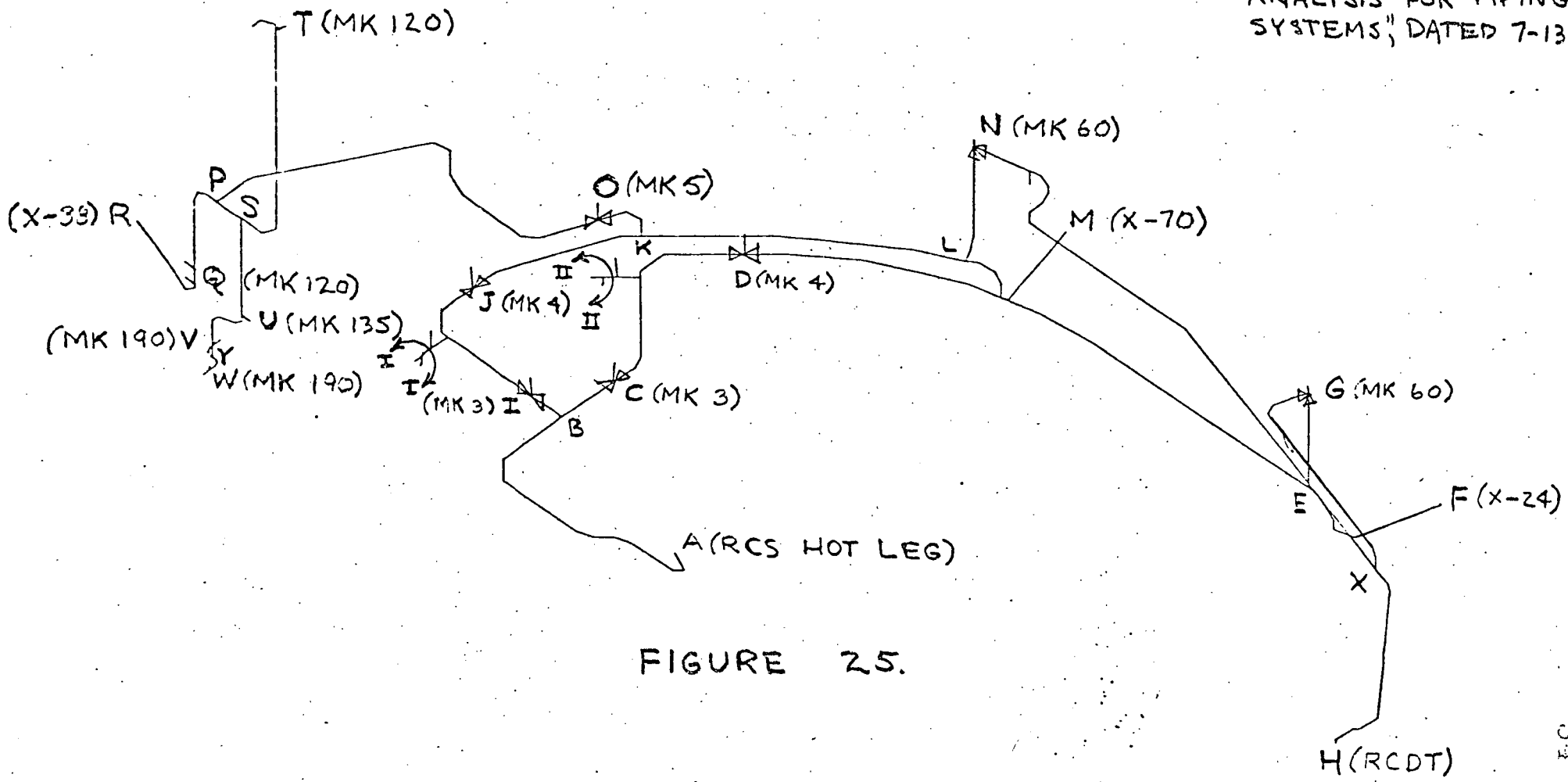


FIGURE 25.

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**NH-IND-E(NH-2ND-E)

UNDEFORMED SHAPE
09/12/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

UPSET CONDITION 2B

PRESSURE

A TO B = B TO C = C TO D = D TO E = E TO F = 300 PSIG
B TO I = I TO J = E TO G = 300 PSIG
J TO K = K TO L = L TO M = L TO N = K TO O = 30 PSIG
ALL REMAINING LOCATIONS = 0 PSIG
SECTION I-I = 300 PSIG
SECTION II-II = 300 PSIG

TEMPERATURE

A TO B = B TO C = C TO D = D TO E = E TO F = 305°F
E TO G = B TO I = 305°F
ALL REMAINING LOCATIONS = 70°F
SECTION I-I = 70°F
SECTION II-II = 305°F

REF. ~ TVA'S "OPERATIONAL MODES ANALYSIS FOR PIPING SYSTEMS", DATED 7-13-78

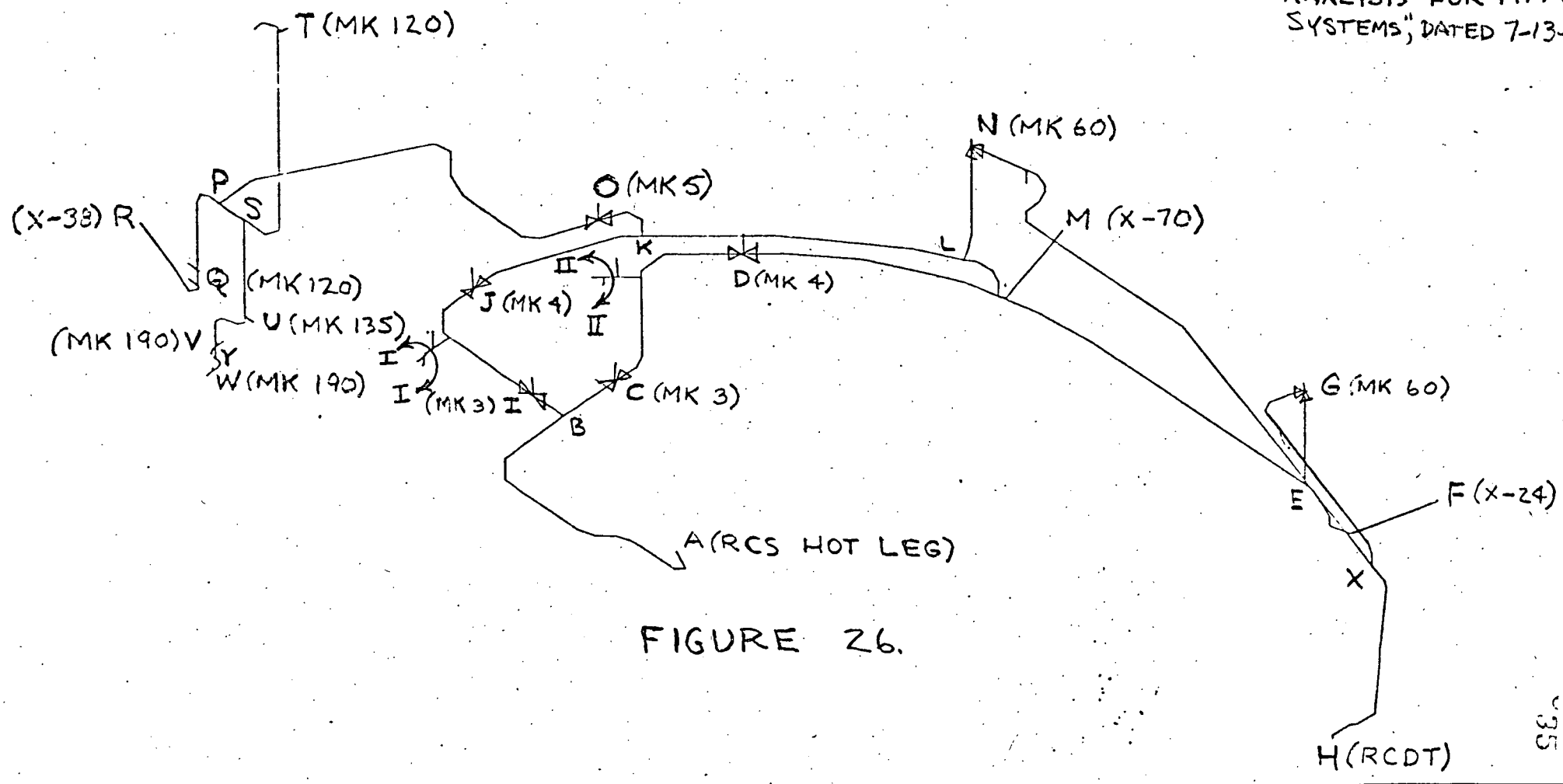


FIGURE 26.

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**NH-IND-E(NH-2ND-E)

UNDEFORMED SHAPE
09/12/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

UPSET CONDITION 2C

PRESSURE

A TO B = B TO C = C TO D = D TO E = E TO F = 435 PSIG
B TO I = I TO J = J TO K = K TO L = L TO M = 435 PSIG
E TO G = G TO X = X TO H = L TO N = N TO X = 435 PSIG
K TO O = 435 PSIG
ALL REMAINING LOCATIONS = 0 PSIG
SECTION II-II = 435 PSIG

TEMPERATURE

A TO B = B TO C = C TO D = D TO E = E TO F = 305°F
B TO I = I TO J = J TO K = K TO L = L TO M = 305°F
E TO G = G TO X = X TO H = L TO N = N TO X = 305°F
K TO O = 305°F
ALL REMAINING LOCATIONS = 70°F
SECTION II-II = 305°F

REF. ~TVA'S "OPERATIONAL MODES ANALYSIS FOR PIPING SYSTEMS", DATED 7-13-78

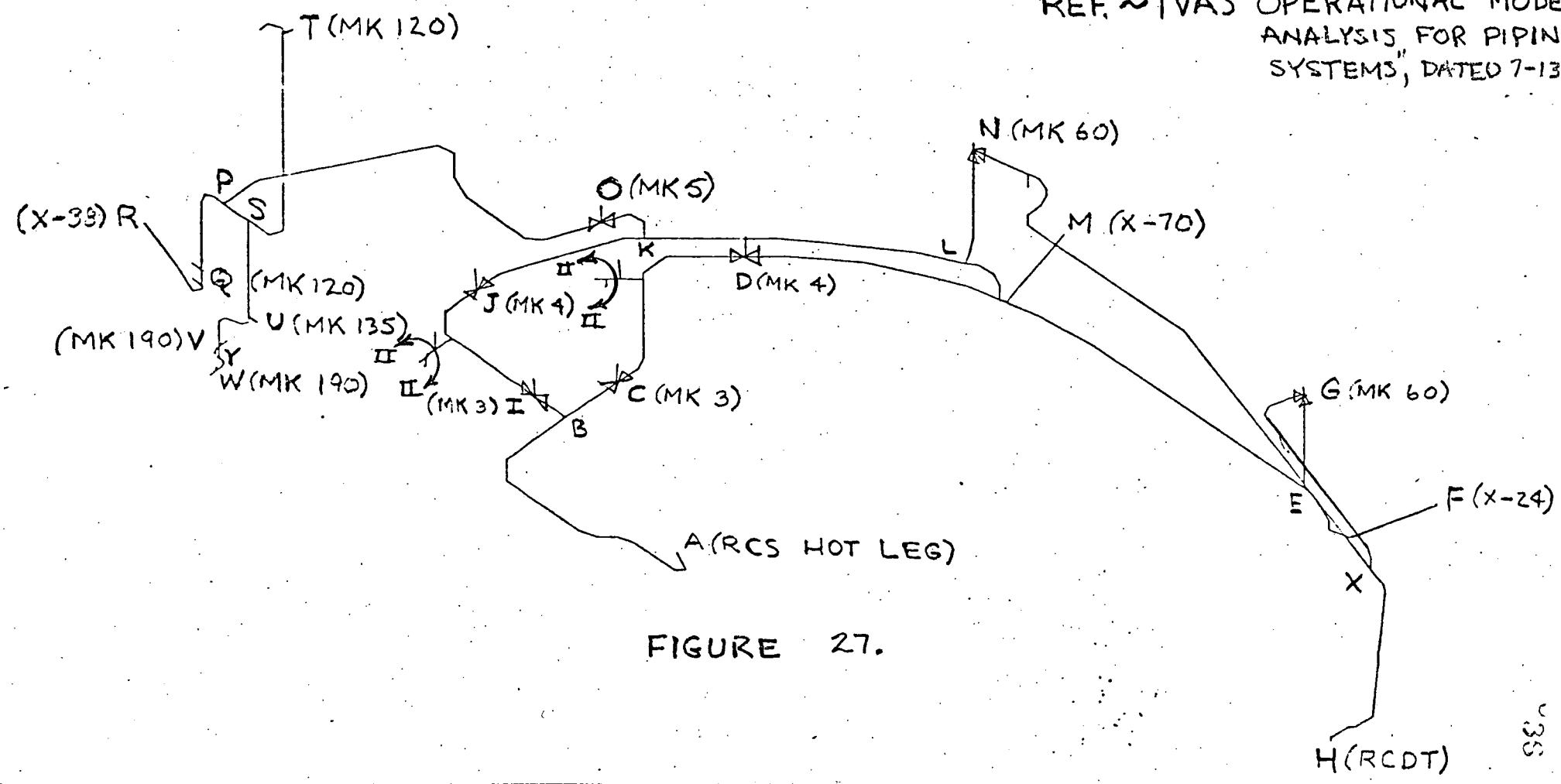
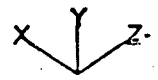


FIGURE 27.

BELLEFONTE**DECAY HEAT REMOVAL O SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

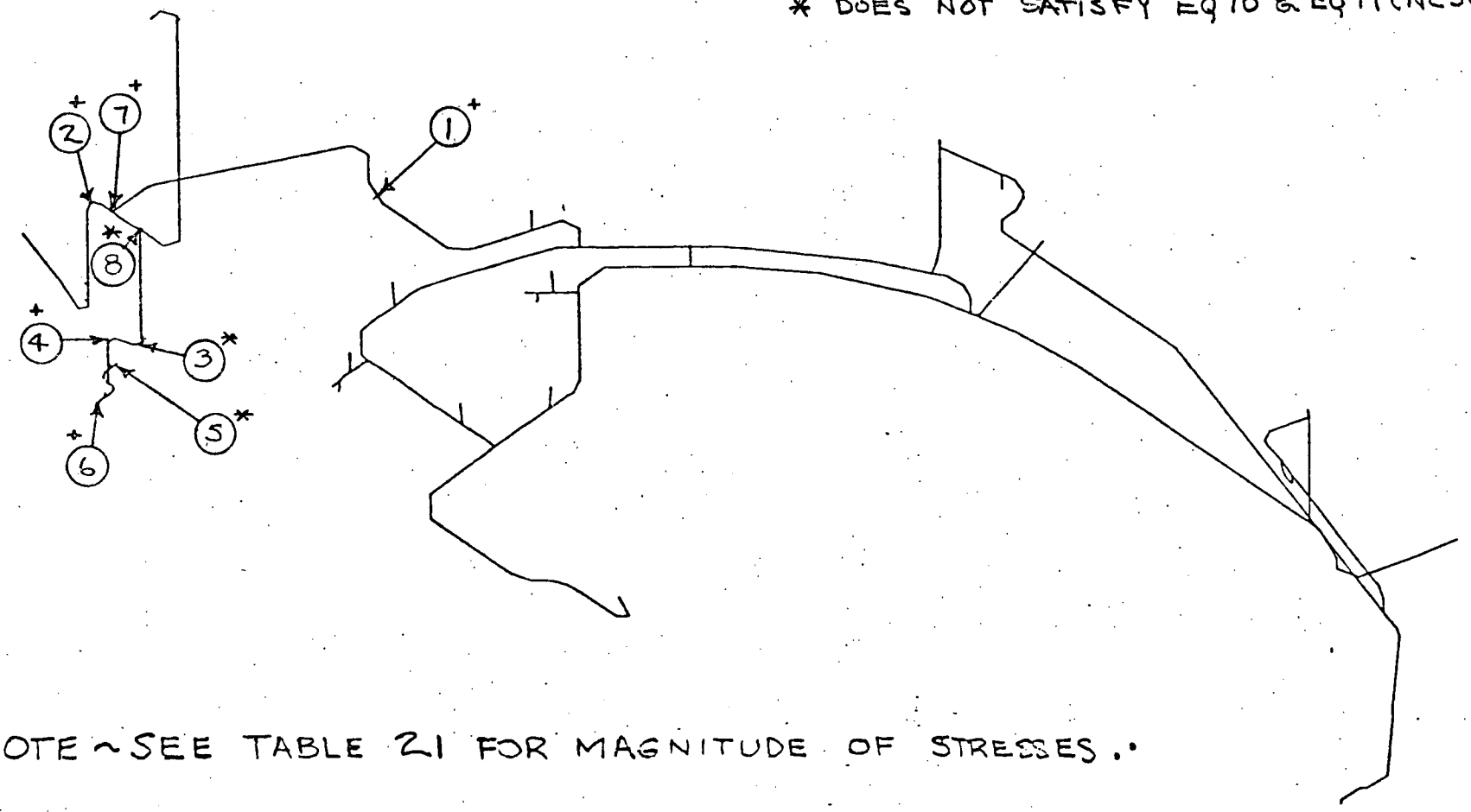
UNDEFORMED SHAPE
02/11/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00



CRITICAL STRESS LOCATIONS

CONDITION ~ DESIGN TEMPERATURE (THERMAL EXP.)

SYMBOLS ~ + DOES NOT SATISFY EQ 10 (NC3652.3)
* DOES NOT SATISFY EQ 10 & EQ 11 (NC3652.3)



NOTE ~ SEE TABLE 21 FOR MAGNITUDE OF STRESSES.

FIGURE 28

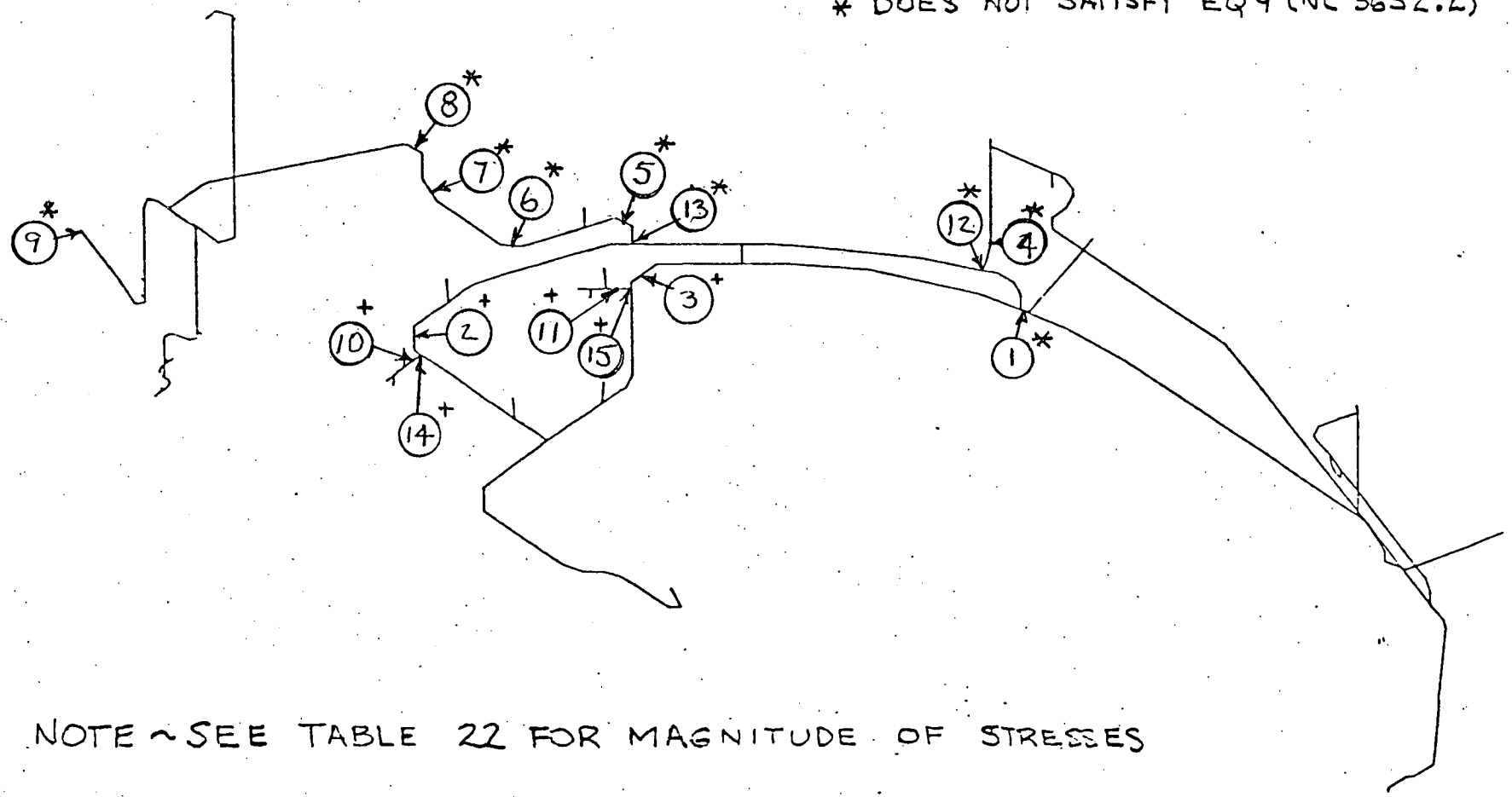
BELLEFONTE**DECAY HEAT REMOVAL O SPENT FUEL COOLING**NH-IND-E(NH-2ND-E)

UNDEFORMED SHAPE
02/11/20
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

CRITICAL STRESS LOCATIONS

CONDITION ~ WT. + PRESS(NORMAL 1B) + ½SSE X,Y,Z (HOT LEG), CASE 1 SNUBBER STIFFNESS

SYMBOLS ~ + DOES NOT SATISFY EQ 9 (NB 3652)
* DOES NOT SATISFY EQ 9 (NC 3652.2)



NOTE ~ SEE TABLE 22 FOR MAGNITUDE OF STRESSES

FIGURE 29

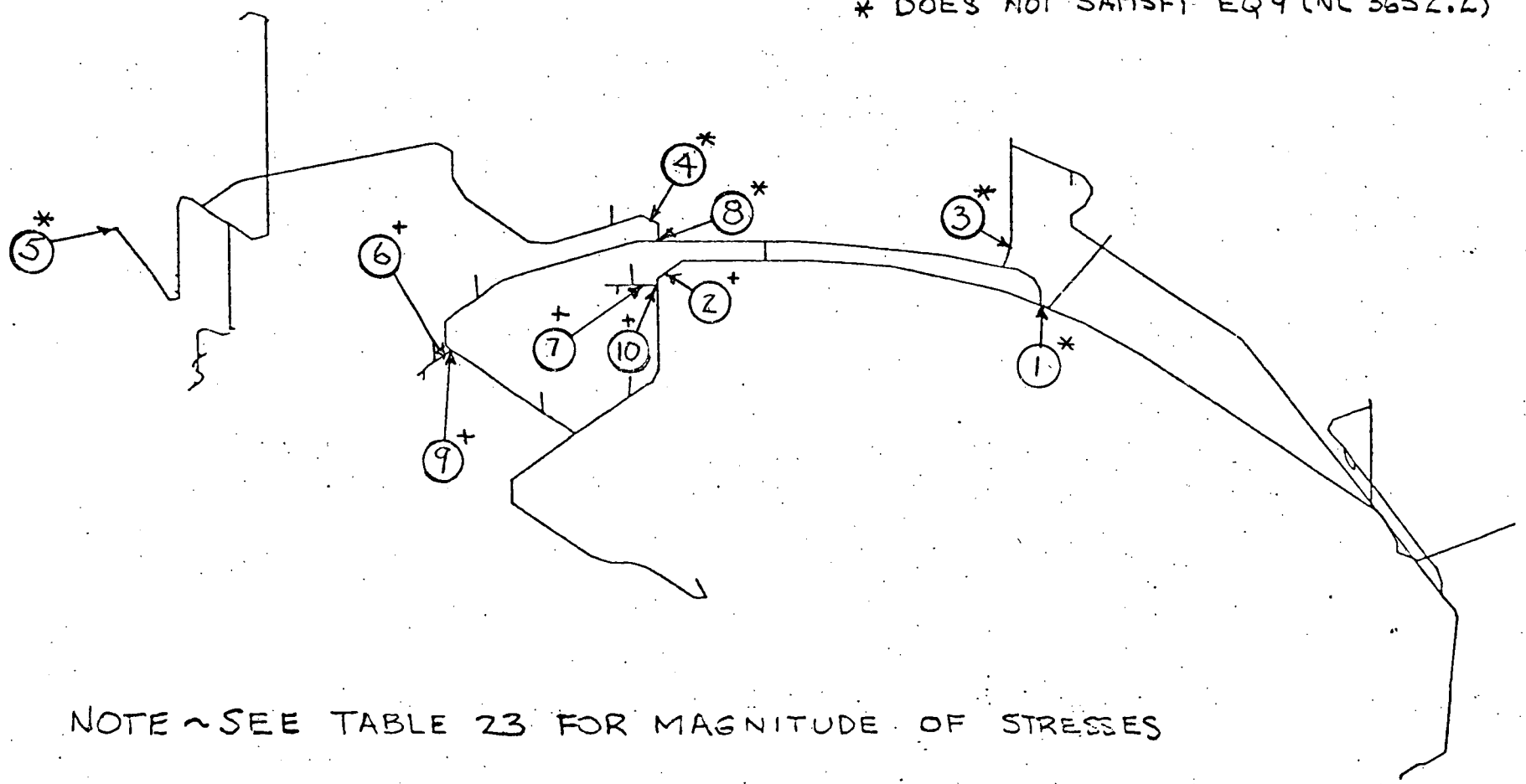
BELLEFONTE**DECAY HEAT REMOVAL □ SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

UNDEFORMED SHAPE
02/11/20
IAXIS= 2 ALPHA= 45.00 BETA= 225.00

CRITICAL STRESS LOCATIONS

CONDITION ~ WT. + PRESS(NORMAL 1B) + ½SSE X,Y,Z (BLDG ONLY), CASE 1 SNUBBER STIFFNESS

SYMBOLS ~ + DOES NOT SATISFY EQ 9 (NB 3652)
* DOES NOT SATISFY EQ 9 (NC 3652.2)

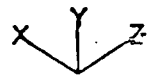


NOTE ~ SEE TABLE 23 FOR MAGNITUDE OF STRESSES

FIGURE 30

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

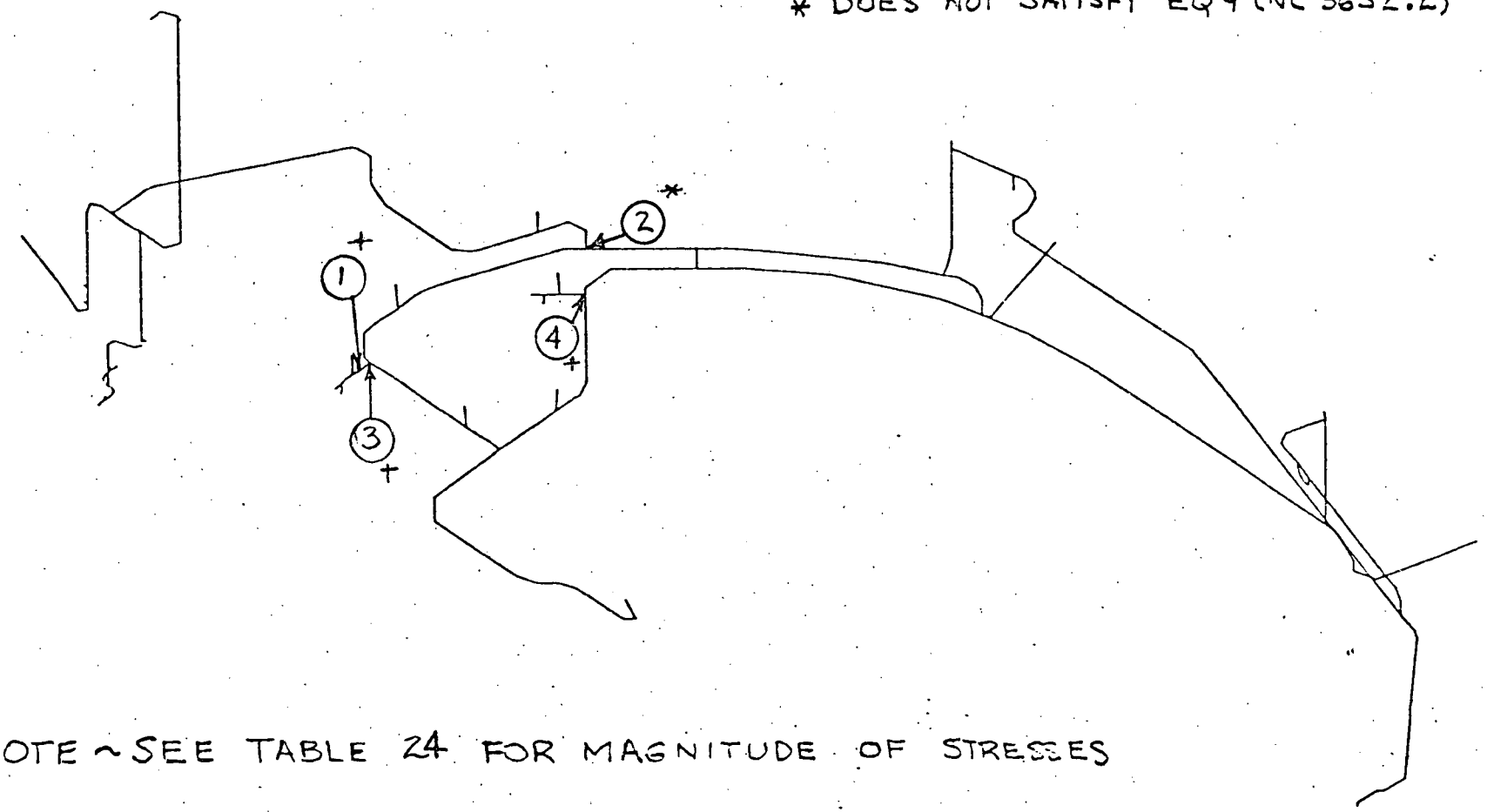
UNDEFORMED SHAPE
02/11/20
IAXIS= 2 ALPHA= 45.00 BETA= 225.00



CRITICAL STRESS LOCATIONS

CONDITION ~ WT. + PRESS(NORMAL 1B) + ½SSE X,Y,Z (HOT LEG), CASE 2 SNUBBER STIFFNESS

SYMBOLS ~ + DOES NOT SATISFY EQ 9 (NB 3652)
* DOES NOT SATISFY EQ 9 (NC 3652.2)

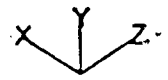


NOTE ~ SEE TABLE 24 FOR MAGNITUDE OF STRESSES

FIGURE 31

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**NH-IND-E(NH-2ND-E)

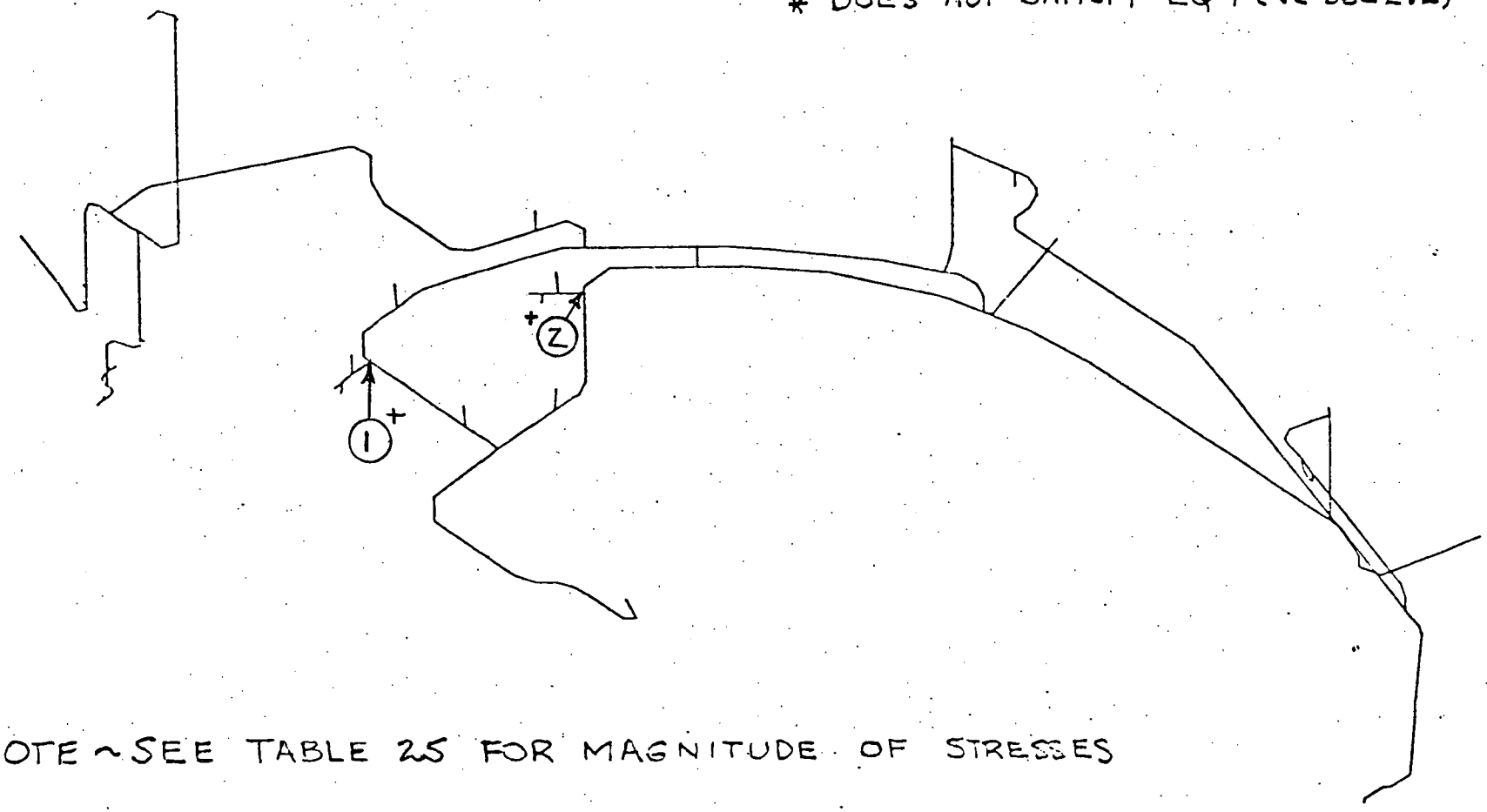
UNDEFORMED SHAPE
02/11/80
IAXIS= 2 ALPHA= 45.00 BETA= 225.00



CRITICAL STRESS LOCATIONS

CONDITION ~ WT. + PRESS(NORMAL 1A) + ½SSE X,Y,Z(BLDG ONLY), CASE Z SNUBBER STIFFNESS

SYMBOLS ~ + DOES NOT SATISFY EQ 9 (NB 3652)
* DOES NOT SATISFY EQ 9 (NC 3652.2)



NOTE ~ SEE TABLE 25 FOR MAGNITUDE OF STRESSES

FIGURE 32

7. TABLES

ETEC

PREPARED BY / DATE

CHECKED BY

SUBJECT

NO.

PAGE 43 OF

DATE

REV / DATE

TABLE 1

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

DESIGN COND ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
98	8	Y	RR	2	3396	.277	—	-.004
10	11	Y	RR	2	-2664	2.076	—	1.015
12	14	Y	RR	1	-669	2.693	—	.504
117	5123	Y	RR	2	-42	2.505	—	.195
122	15	Y	RR	1	3882	2.469	—	.391
132	230	Y	US	1	-4196	1.112	—	.231
134	34	Y	RR	1	-950	1.738	—	.825
140	44	Y	RR	1	-1194	2.539	—	1.499
150	5052	Y	RR	2	43	2.696	—	1.359
155	1146	Y	RR	1	1196	2.630	—	1.768
160	49	Y	RR	2	-592	2.186	—	2.068
162	491	Y	US	2	244	1.460	—	1.642
190	1548	Y	US	2	-984	.610	—	—
190	1548	Z	RR	2	-5648	"	—	—
191	63	XZ(1) (17)	RR	3	-918	-.420	-.033	1.374
199	167	XZ(1)	RR	3	200	.186	.499	.057
203	165	Y	RR	3	779	-.683	—	1.265
191	549	Y	RR	2	3376	.172	—	-.364
213	1103	Y	RR	2	-1858	2.047	—	.810
214	1178	Y	RR	2	2419	1.747	—	1.223
218	120A	Z	RR	2	9042	.381	.390	—

ETEC

NO.

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DATE

SUBJECT

REV / DATE

TABLE 1 (CONT'D)

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

DESIGN COND ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	DIR. (1)	TYPE	GL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
						X	Y	Z
228	123	Y	RR	2	-9,853	.271	—	.009
231	125	X	RR	2	2,016	—	-.562	—
231	125	Z	RR	2	-4061	—	"	—
236	1136	X	RR	2	-772	—	-.344	—
236	1136	Z	RR	2	-1068	—	"	—
169	511	XZ(⊥)	RR	3	-969	1.088	.406	-.231
176	516	Z	RR	3	1037	.995	.525	—
177	527	Y	RR	3	888	.953	—	-.097
178	528	Z	RR	3	-853	.761	-.125	—
179	161	Y	RR	3	-289	.102	—	.905

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

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TABLE 2

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

NORMAL COND. 1A ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
98	8	Y	RR	2	769	.208	—	.147
10	11	Y	RR	2	-118	1.187	—	1.139
12	14	Y	RR	1	-2183	1.677	—	1.216
117	5123	Y	RR	2	-5	1.720	—	1.159
122	15	Y	RR	1	4681	1.686	—	1.169
132	230	Y	US	1	-4139	1.067	—	.628
134	34	Y	RR	1	-1118	1.291	—	1.273
140	44	Y	RR	1	-1394	1.174	—	1.742
150	5052	Y	RR	2	89	1.225	—	1.802
155	1146	Y	RR	1	1300	1.057	—	1.771
160	49	Y	RR	2	-553	.803	—	1.577
162	491	Y	US	2	107	.359	—	1.004
190	1548	Y	US	2	-97	.102	—	—
190	1548	Z	RR	2	-3079	"	—	—
191	63	XZ(1)	RR	3	-111	-.071	-.013	.233
199	167	XZ(1)	RR	3	165	.033	.111	.010
208	165	Y	RR	3	193	-.122	—	.238
191	549	Y	RR	2	-47	.027	—	-.110
213	1103	Y	RR	2	-1023	1.082	—	1.039
214	1178	Y	RR	2	934	.898	—	.549
218	120A	Z	RR	2	2292	.081	.083	—

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LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

NORMAL COND 1A ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
228	123	Y	RR	2	-2339	.057	—	.010
231	125	X	RR	2	407	—	-.119	—
231	125	Z	RR	2	-2007	—	"	—
236	1136	X	RR	2	-113	—	-.073	—
236	1136	Z	RR	2	-260	—	"	—
169	511	XZ(1)	RR	3	448	.200	.062	-.042
176	516	Z	RR	3	411	.179	.096	—
177	527	Y	RR	3	96	.167	—	-.008
178	528	Z	RR	3	146	.134	-.008	—
179	161	Y	RR	3	-39	.022	—	.143

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

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TABLE 3

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE
NORMAL COND 1B ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
98	8	Y	RR	2	3312	.102	—	-.082
10	11	Y	RR	2	-1980	1.212	—	.304
12	14	Y	RR	1	375	1.253	—	-.068
117	5123	Y	RR	2	-30	1.055	—	-.129
122	15	Y	RR	1	954	1.125	—	-.022
132	230	Y	US	1	-1159	.377	—	.341
134	34	Y	RR	1	-514	.922	—	.474
140	44	Y	RR	1	-312	1.542	—	.576
150	5052	Y	RR	2	14	1.575	—	.452
155	1146	Y	RR	1	359	1.662	—	.657
160	49	Y	RR	2	-221	1.571	—	.864
162	491	Y	US	2	146	1.164	—	.824
190	1548	Y	US	2	-671	.533	—	—
190	1548	Z	RR	2	-2877	"	—	—
181	63	XZ(1)	RR	3	-14	-.074	—	.245
199	167	XZ(1)	RR	3	438	.022	.401	.007
208	165	Y	RR	3	277	-.139	—	.252
191	549	Y	RR	2	3111	.168	—	-.268
213	1103	Y	RR	2	-391	1.159	—	.156
214	1178	Y	RR	2	1214	.924	—	.527
218	120A	Z	RR	2	5583	.085	.087	—

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TABLE 3 (CONT'D)

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

NORMAL COND 1B ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
						X	Y	Z
228	123	Y	RR	2	1025	.062	—	.004
231	125	X	RR	2	2671	—	-.122	—
231	125	Z	RR	2	2184	—	"	—
236	1136	X	RR	2	-155	—	-.073	—
236	1136	Z	RR	2	-305	—	"	—
169	511	XZ(⊥)	RR	3	-313	.139	.254	-.030
176	516	Z	RR	3	339	.139	.200	—
177	527	Y	RR	3	391	.162	—	-.017
178	528	Z	RR	3	-177	.129	-.064	—
179	161	Y	RR	3	-128	.015	—	.164

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL(⊥) OR PARALLEL (∥) TO THE PIPE

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TABLE 4

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

NORMAL COND 1C ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
98	8	Y	RR	2	1018	.003	—	-.032
10	11	Y	RR	2	-608	.290	—	.035
12	14	Y	RR	1	-185	.335	—	-.069
117	5123	Y	RR	2	-21	.297	—	-.097
122	15	Y	RR	1	975	.304	—	-.070
132	230	Y	US	1	-902	.120	—	-.025
134	34	Y	RR	1	-383	.238	—	.028
140	44	Y	RR	1	-257	.398	—	.063
150	5052	Y	RR	2	20	.407	—	.027
155	1146	Y	RR	1	250	.435	—	.087
160	49	Y	RR	2	-120	.419	—	.157
162	491	Y	US	2	39	.323	—	.182
190	1548	Y	US	2	-184	.149	—	—
190	1548	Z	RR	2	-676	"	—	—
191	63	XZ(11)	RR	3	62	-.001	.005	.003
199	167	XZ(1)	RR	3	147	-.005	.115	-.002
208	165	Y	RR	3	35	-.007	—	.006
191	549	Y	RR	2	1006	.043	—	-.076
213	1103	Y	RR	2	-382	.312	—	-.001
214	1178	Y	RR	2	532	.285	—	.238
218	120A	Z	RR	2	1987	.117	.106	—

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TABLE 4 (CONT'D)

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

NORMAL COND 1C ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
						X	Y	Z
228	123	Y	RR	2	-3341	.077	—	-.001
231	125	X	RR	2	533	—	-.153	—
231	125	Z	RR	2	-682	—	"	—
236	1136	X	RR	2	-184	—	-.100	—
236	1136	Z	RR	2	-318	—	"	—
169	511	XZ(1)	RR	3	-45	-.019	.068	.004
176	516	Z	RR	3	49	-.013	.043	—
177	527	Y	RR	3	92	-.001	—	-.001
178	528	Z	RR	3	-12	-.001	-.017	—
179	161	Y	RR	3	-25	-.002	—	.005

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

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TABLE 5

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

NORMAL COND 1D ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
98	8	Y	RR	2	939	.015	—	-.039
10	11	Y	RR	2	-617	.296	—	.020
12	14	Y	RR	1	-186	.337	—	-.085
117	5123	Y	RR	2	-17	.297	—	-.111
122	15	Y	RR	1	944	.306	—	-.084
132	230	Y	US	1	-898	.119	—	-.033
134	34	Y	RR	1	-401	.240	—	.018
140	44	Y	RR	1	-253	.400	—	.054
150	5052	Y	RR	2	20	.409	—	.018
155	1146	Y	RR	1	245	.436	—	.079
160	49	Y	RR	2	-117	.419	—	.148
162	491	Y	US	2	38	.324	—	.173
190	1548	Y	US	2	-189	.151	—	—
190	1548	Z	RR	2	-641	"	—	—
181	63	XZ(11)	RR	3	49	-.001	.005	.002
199	167	XZ(1)	RR	3	152	-.005	.115	-.002
208	165	Y	RR	3	34	-.007	—	.006
191	549	Y	RR	2	1010	.046	—	-.074
213	1103	Y	RR	2	57	.275	—	-.016
214	1178	Y	RR	2	312	.223	—	.125
218	120A	Z	RR	2	1679	-.042	-.045	—

TABLE 5 (CONT'D)

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

NORMAL COND 1D ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
228	123	Y	RR	2	2651	-.030	—	.001
231	125	X	RR	2	1478	—	.067	—
231	125	Z	RR	2	-574	—	"	—
236	1136	X	RR	2	-132	—	.012	—
236	1136	Z	RR	2	-26	—	"	—
169	511	XZ(⊥)	RR	3	-38	-.018	.068	.004
176	516	Z	RR	3	49	-.012	.040	—
177	527	Y	RR	3	87	-.001	—	-.001
178	528	Z	RR	3	-10	-.001	-.016	—
179	161	Y	RR	3	-24	-.001	—	.004

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

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TABLE 6

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

UPSET COND 2A ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
98	8	Y	RR	2	4288	.045	—	.003
10	11	Y	RR	2	1628	1.266	—	.544
12	14	Y	RR	1	-50	1.124	—	.137
117	5123	Y	RR	2	-49	.894	—	.094
122	15	Y	RR	1	1357	.978	—	.204
132	230	Y	US	1	-1242	.384	—	.433
134	34	Y	RR	1	-596	.714	—	.607
140	44	Y	RR	1	-441	.672	—	.816
150	5052	Y	RR	2	33	.703	—	.877
155	1146	Y	RR	1	469	.565	—	.823
160	49	Y	RR	2	-224	.385	—	.642
162	491	Y	US	2	67	.153	—	.288
190	1548	Y	US	2	-60	.097	—	—
190	1548	Z	RR	2	-166	"	—	—
181	63	XZ(11)	RR	3	142	-.003	.006	.011
199	167	XZ(1)	RR	3	85	.002	.005	.001
208	165	Y	RR	3	5	.001	—	.004
191	549	Y	RR	2	-781	.095	—	.013
213	1103	Y	RR	2	-120	1.152	—	.377
214	1178	Y	RR	2	948	.889	—	.446
218	120A	Z	RR	2	4492	.006	.007	—

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TABLE 6 (CONT'D)

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

UPSET COND 2A ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
228	123	Y	RR	2	1278	.006	—	.005
231	125	X	RR	2	-2035	—	-.005	—
231	125	Z	RR	2	- 25	—	"	—
236	1136	X	RR	2	19	—	-.001	—
236	1136	Z	RR	2	- 109	—	"	—
169	511	XZ(1)	RR	3	- 320	-.066	.232	.014
176	516	Z	RR	3	280	-.050	.172	—
177	527	Y	RR	3	297	-.004	—	.003
178	528	Z	RR	3	- 55	-.004	-.047	—
179	161	Y	RR	3	- 98	-.005	—	.017

NOTES

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TABLE 7

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

UPSET COND 2B ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	DIR. (1)	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
98	8	Y	RR	2	664	.168	—	.026
10	11	Y	RR	2	29	.533	—	.459
12	14	Y	RR	1	-646	.841	—	.557
117	5123	Y	RR	2	1	.853	—	.548
122	15	Y	RR	1	1524	.855	—	.550
132	230	Y	US	1	-1236	.404	—	.586
134	34	Y	RR	1	-639	.781	—	.775
140	44	Y	RR	1	-403	1.393	—	.849
150	5052	Y	RR	2	28	1.414	—	.702
155	1146	Y	RR	1	397	1.549	—	.925
160	49	Y	RR	2	-210	1.502	—	1.176
162	491	Y	US	2	115	1.093	—	1.120
190	1548	Y	US	2	-468	.430	—	—
190	1548	Z	RR	2	-4425	"	—	—
191	63	XZ(11)	RR	3	37	.002	.007	-.007
199	167	XZ(1)	RR	3	-565	-.021	.417	-.007
208	165	Y	RR	3	115	-.029	—	.018
191	549	Y	RR	2	3362	.066	—	-.323
213	1103	Y	RR	2	-432	.486	—	.426
214	1178	Y	RR	2	409	.393	—	.208
218	120A	Z	RR	2	955	.001	.002	—

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LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

UPSET COND 2B ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	DIR. (1)	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
						X	Y	Z
228	123	Y	RR	2	166	.001	—	.005
231	125	X	RR	2	502	—	-.001	—
231	125	Z	RR	2	-877	—	"	—
236	1136	X	RR	2	4	—	—	—
236	1136	Z	RR	2	-30	—	—	—
169	511	XZ(1)	RR	3	-105	.017	-.007	-.003
176	516	Z	RR	3	124	.017	-.027	—
177	527	Y	RR	3	-72	.003	—	.004
178	528	Z	RR	3	22	.003	.005	—
179	161	Y	RR	3	41	.004	—	-.013

NOTES

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TABLE 8

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE
UPSET COND 2C ~ THERMAL LOADS

ETEC'S NODAL NO.	TVA'S NODAL NO.	① DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM X	Y	Z
98	8	Y	RR	2	2875	.154	—	-.072
10	11	Y	RR	2	-2416	1.241	—	.287
12	14	Y	RR	1	577	1.261	—	-.091
117	5123	Y	RR	2	-71	1.057	—	-.149
122	15	Y	RR	1	883	1.130	—	-.041
132	230	Y	US	1	-1167	.376	—	.334
134	34	Y	RR	1	-467	.929	—	.465
140	44	Y	RR	1	-277	1.557	—	.563
150	5052	Y	RR	2	27	1.589	—	.437
155	1146	Y	RR	1	305	1.679	—	.646
160	49	Y	RR	2	-214	1.591	—	.853
162	491	Y	US	2	179	1.185	—	.815
190	1548	Y	US	2	-950	.555	—	—
190	1548	Z	RR	2	-2957	"	—	—
181	63	XZ(11)	RR	3	-712	-.353	-.057	1.156
199	167	XZ(1)	RR	3	58	.175	.397	.054
208	165	Y	RR	3	878	-.576	—	1.142
191	549	Y	RR	2	3044	.189	—	-.254
213	1103	Y	RR	2	-62	1.178	—	.101
214	1178	Y	RR	2	1109	.924	—	.452
218	120A	Z	RR	2	5661	.007	.008	—

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LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPE

UPSET COND 2C ~ THERMAL LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	(1) DIR.	TYPE	CL	ETEC'S THERMAL LOAD (LBS)	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
						X	Y	Z
228	123	Y	RR	2	1714	.008	—	.004
231	125	X	RR	2	3465	—	-.006	—
231	125	Z	RR	2	-2165	—	"	—
236	1136	X	RR	2	23	—	-.001	—
236	1136	Z	RR	2	-132	—	"	—
169	511	XZ(⊥)	RR	3	-689	.901	.340	-.192
176	516	Z	RR	3	753	.828	.430	—
177	527	Y	RR	3	801	.795	—	-.085
178	528	Z	RR	3	-700	.635	-.108	—
179	161	Y	RR	3	-315	.087	—	.749

NOTES

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TABLE 9

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPING WEIGHT & SEISMIC (½ SSE) LOADS

ETEC'S NODAL No.	TVA'S NODAL No.	DIR ①	TYPE	CL	WEIGHT LOAD (LBS)	SEISMIC LOADS (LBS) CASE 1 ② HOT LEG	CASE 1 ② BLDG ONLY	CASE 2 ② HOT LEG	CASE 2 ② BLDG ONLY
98	8	Y	RR	2	-4,063	8,524	5,501	5,471	2,322
10	11	Y	RR	2	-5,889	16,130	12,800	9,256	4,974
12	14	Y	RR	1	-7,859	36,670	27,050	23,160	11,170
117	5123	Y	RR	2	-206	3,354	2,237	2,555	938
122	15	Y	RR	1	-1,940	30,001	23,740	18,760	9,586
132	230	Y	US	1	-3,870	8,013	5,765	5,039	3,092
134	34	Y	RR	1	-14,803	17,850	14,520	10,430	5,635
140	44	Y	RR	1	-4,183	27,080	20,300	11,690	7,880
150	5052	Y	RR	2	-225	3,040	2,126	2,066	693
155	1146	Y	RR	1	-2,498	28,680	22,100	11,500	8,302
160	49	Y	RR	2	-5,645	10,320	7,740	4,177	2,175
162	491	Y	US	2	-2,362	2,037	833	1,665	559
190	1548	Y	US	2	-2,173	2,007	765	1,902	747
190	1548	Z	RR	2	-369	5,386	3,873	3,998	2,075
181	63	XZ(⊥)	RR	3	86	4,912	2,304	4,565	1,554
199	167	XZ(⊥)	RR	3	134	1,808	854	1,845	646
208	165	Y	RR	3	-1,504	2,506	1,412	1,800	709
191	549	Y	RR	2	-3,372	2,857	1,613	3,712	2,405
213	1103	Y	RR	2	-1,431	6,511	4,671	4,271	1,813
214	1178	Y	RR	2	-1,291	3,162	2,223	1,728	868
218	120A	Z	RR	2	283	9,531	6,648	5,640	2,195

TABLE 9 (CONT'D)

LINEAR SUPPORT SUMMARY ~ DHR & SFC PIPING WEIGHT & SEISMIC (½ SSE) LOADS

ETEC'S NODAL No.	TVA'S NODAL NO.	DIR (1)	TYPE	CL	WEIGHT LOAD (LBS)	SEISMIC LOADS (LBS) CASE 1 (2) HOT LEG	CASE 1 (2) BLDG ONLY	CASE 2 (2) HOT LEG	CASE 2 (2) BLDG ONLY
228	123	Y	RR	2	-5,370	11,280	5,730	12,140	4,657
231	125	X	RR	2	348	5,939	3,073	5,324	1,941
231	125	Z	RR	2	-142	4,027	3,070	2,245	1,269
236	1136	X	RR	2	-1	46	27	47	17
236	1136	Z	RR	2	11	281	212	126	57
169	511	XZ(⊥)	RR	3	-165	2,153	1,277	1,437	628
176	516	Z	RR	3	46	1,331	819	1,041	343
177	527	Y	RR	3	-652	1,491	1,095	858	316
178	528	Z	RR	3	-22	910	575	973	461
179	161	Y	RR	3	-649	1,630	734	1,228	578

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

(2) SNUBBER STIFFNESS IS VARIED FOR CASE 1 AND CASE 2, SEE TABLE 10 FOR VALUES USED

TABLE 10

SNUBBER STIFFNESS STUDY

ETEC'S NODAL No.	TVA'S NODAL No	SNUBBER SPRING RATE (#/IN) ①		½ SSE SNUBBER LOADS (LBS)			
				CASE 1		CASE 2	
		CASE 1	CASE 2	HOT LEG	BLDG ONLY	HOT LEG	BLDG ONLY
99	9	1.74×10^5	1.03×10^6	43,263	35,748	8,003	4,414
100	9	1.74×10^5	2.27×10^6	47,720	39,230	65,211	41,453
12	14	1.74×10^5	1.03×10^6	29,370	25,073	14,325	5,880
117	5123	2.60×10^4	1.74×10^5	3,839	2,997	1,262	835
122	15	1.74×10^5	1.03×10^6	39,126	33,370	17,227	8,772
132	230	1.74×10^5	1.03×10^6	24,818	21,338	13,719	9,452
134	34	1.74×10^5	1.03×10^6	31,628	27,964	15,312	9,444
140	44	1.74×10^5	2.27×10^6	43,578	36,800	35,599	20,057
150	5052	2.60×10^4	1.74×10^5	7,148	6,203	2,050	1,527
155	1146	1.74×10^5	2.27×10^6	55,432	47,123	46,614	28,608
163	491	1.36×10^5	1.03×10^6	29,859	24,111	7,970	4,341
164	491	1.36×10^5	2.27×10^6	43,893	35,936	19,989	11,095
175	514	2.60×10^4	1.36×10^5	1,661	905	960	279
176	516	1.36×10^5	1.74×10^5	4,579	2,937	3,831	1,082
180	162	1.04×10^5	1.36×10^5	1,106	644	928	437
186	171	1.36×10^5	1.74×10^5	2,715	1,189	3,261	1,042
187	171	1.36×10^5	1.74×10^5	2,732	1,195	3,272	1,043
188	171	1.04×10^5	1.74×10^5	2,082	1,313	1,476	714
252	65	1.36×10^5	1.03×10^6	9,303	4,769	31,643	12,651
207	166	2.60×10^4	1.36×10^5	1,079	653	885	569

NOTES

① SPRING RATES ARE BASED ON PACIFIC SCIENTIC CO.'S TEST DATA, SEE TABLE 11 FOR TEST VALUES

PACIFIC SCIENTIFIC COMPANY - SHOCK ARRESTOR

Part Number	Tested at Rated Load	Spring Rate - lbs/inch: Compression Load, Unit Retracted (1)	Compression Load, Unit Extended	Tension Load, Unit Retracted	Tension Load, Unit Extended
1801104-01	250 lbs	5.68×10^4	4.17×10^4	2.60×10^4	3.12×10^4
1801104-03	500 lbs	5.95×10^4	4.17×10^4	2.60×10^4	2.90×10^4
1801102-01	1,000 lbs	1.22×10^5	1.11×10^5	1.09×10^5	1.04×10^5
1801106-01	3,000 lbs	1.88×10^5	1.88×10^5	1.88×10^5	1.36×10^5
1801103-01	10,000 lbs	4.17×10^5	3.57×10^5	3.13×10^5	1.74×10^5
1801112-01	35,000 lbs	— (2)	1.03×10^6	1.35×10^6	—
1801111-01	100,000 lbs	—	2.27×10^6	2.27×10^6	—

(1) 1/4 inch away from full travel stop in all tests

(2) No test data available

RFW
7/29/75

TABLE 11

TABLE 12

SNUBBER MOVEMENT SUMMARY ~ DHR & SFC PIPING

DESIGN COND

ETEC'S NODAL No.	TVA'S NODAL No	DIR (1)	CL	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
				X (IN)	Y (IN)	Z (IN)
99	9	XZ(⊥)	2	1.572	-.057	.843
100	9	XZ(∥)	2	1.741	-.040	.909
12	14	X	1	2.693	—	.504
117	5123	X	2	2.505	—	.195
122	15	Z	1	2.469	—	.391
132	230	Z	1	1.112	—	.231
134	34	X	1	1.738	—	.825
140	44	XZ(⊥)	1	2.539	—	1.499
150	5052	XZ(⊥)	2	2.696	—	1.359
155	1146	XZ(⊥)	1	2.630	—	1.768
163	491	XZ(⊥)	2	1.376	.001	1.544
164	491	XZ(∥)	2	1.319	.001	1.471
175	514	Y	3	1.000	.546	-.096
176	516	X	3	.995	.525	—
180	162	Z	3	-.387	-.026	1.357
186	171	XZ(⊥)	3	-.516	.006	.663
187	171	XZ(∥)	3	-.481	.019	.594
188	171	Y	3	-.448	.032	.530
252	65	XZ(⊥)	3	.330	.415	.047
207	166	Y	3	-.196	.322	.624

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

TABLE 13

SNUBBER MOVEMENT SUMMARY ~ DHR & SFC PIPING
NORMAL COND 1 A

ETEC'S NODAL No.	TVA'S NODAL No	DIR (1)	CL	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
				X (IN)	Y (IN)	Z (IN)
99	9	XZ(⊥)	2	.896	-.010	.905
100	9	XZ(∥)	2	.993	-.006	.985
12	14	X	1	1.677	—	1.216
117	5123	X	2	1.720	—	1.159
122	15	Z	1	1.686	—	1.169
132	230	Z	1	1.067	—	.628
134	34	X	1	1.291	—	1.273
140	44	XZ(⊥)	1	1.174	—	1.742
150	5052	XZ(⊥)	2	1.225	—	1.802
155	1146	XZ(⊥)	1	1.057	—	1.771
163	491	XZ(⊥)	2	.322	—	.925
164	491	XZ(∥)	2	.297	—	.869
175	514	Y	3	.183	.094	-.030
176	516	X	3	.179	.096	—
180	162	Z	3	-.065	-.012	.228
186	171	XZ(⊥)	3	-.101	.031	.137
187	171	XZ(∥)	3	-.096	.036	.126
188	171	Y	3	-.092	.042	.115
252	65	XZ(⊥)	3	.060	.081	.006
207	166	Y	3	-.036	.071	.117

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

TABLE 14

SNUBBER MOVEMENT SUMMARY ~ DHR & SFC PIPING
NORMAL COND 1 B

ETEC'S NODAL No.	TVA'S NODAL No	DIR ①	CL	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
				X (IN)	Y (IN)	Z (IN)
99	9	XZ(⊥)	2	.934	-.035	.302
100	9	XZ(∥)	2	1.031	-.025	.314
12	14	X	1	1.253	—	.068
117	5123	X	2	1.055	—	-.129
122	15	Z	1	1.125	—	-.022
132	230	Z	1	.377	—	.341
134	34	X	1	.922	—	.474
140	44	XZ(⊥)	1	1.542	—	.576
150	5052	XZ(⊥)	2	1.575	—	.452
155	1146	XZ(⊥)	1	1.662	—	.657
163	491	XZ(⊥)	2	1.110	—	.785
164	491	XZ(∥)	2	1.073	.001	.755
175	514	Y	3	.122	.226	-.017
176	516	X	3	.139	.200	—
180	162	Z	3	-.069	.003	.242
186	171	XZ(⊥)	3	-.101	.015	.138
187	171	XZ(∥)	3	-.096	.022	.127
188	171	Y	3	-.091	.028	.117
252	65	XZ(⊥)	3	.058	.346	-.002
207	166	Y	3	-.052	.232	.131

NOTES

① XZ DIRECTIONS ARE IN THE HOR. PL & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

TABLE 15

SNUBBER MOVEMENT SUMMARY ~ DHR & SFC PIPING
NORMAL COND 1C

ETEC'S NODAL No.	TVA'S NODAL No	DIR (1)	CL	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
				X (IN)	Y (IN)	Z (IN)
99	9	XZ(⊥)	2	.215	-.011	.048
100	9	XZ(∥)	2	.241	-.008	.041
12	14	X	1	.335	—	-.069
117	5123	X	2	.297	—	-.097
122	15	Z	1	.304	—	-.070
132	230	Z	1	.120	—	-.025
134	34	X	1	.238	—	.028
140	44	XZ(⊥)	1	.398	—	.063
150	5052	XZ(⊥)	2	.407	—	.027
155	1146	XZ(⊥)	1	.435	—	.087
163	491	XZ(⊥)	2	.309	—	.175
164	491	XZ(∥)	2	.300	—	.169
175	514	Y	3	-.020	.051	—
176	516	X	3	-.013	.043	—
180	162	Z	3	-.001	.005	.003
186	171	XZ(⊥)	3	—	-.007	—
187	171	XZ(∥)	3	—	-.007	—
188	171	Y	3	—	-.006	—
252	65	XZ(⊥)	3	-.002	.100	-.004
207	166	Y	3	-.007	.065	.005

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

TABLE 16

SNUBBER MOVEMENT SUMMARY ~ DHR & SFC PIPING

NORMAL COND 1D

ETEC'S NODAL No.	TVA'S NODAL No	DIR (1)	CL	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
				X (IN)	Y (IN)	Z (IN)
99	9	XZ(⊥)	2	.223	-.011	.027
100	9	XZ(∥)	2	.248	-.008	.027
12	14	X	1	.337	—	-.085
117	5123	X	2	.297	—	-.111
122	15	Z	1	.306	—	-.084
132	230	Z	1	.119	—	-.033
134	34	X	1	.240	—	.018
140	44	XZ(⊥)	1	.400	—	.054
150	5052	XZ(⊥)	2	.409	—	.018
155	1146	XZ(⊥)	1	.436	—	.079
163	491	XZ(⊥)	2	.311	—	.167
164	491	XZ(∥)	2	.301	—	.163
175	514	Y	3	-.019	.048	—
176	516	X	3	-.012	.040	—
180	162	Z	3	-.001	.005	.023
186	171	XZ(⊥)	3	—	-.007	—
187	171	XZ(∥)	3	—	-.007	—
188	171	Y	3	—	-.006	—
252	65	XZ(⊥)	3	-.002	.099	.005
207	166	Y	3	-.007	.066	.006

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

TABLE 17

SNUBBER MOVEMENT SUMMARY ~ DHR & SFC PIPING UPSET COND 2A

ETEC'S NODAL No.	TVA'S NODAL No	DIR (1)	CL	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
				X (IN)	Y (IN)	Z (IN)
99	9	XZ(⊥)	2	.987	-.027	.541
100	9	XZ(∥)	2	1.090	-.019	.558
12	14	X	1	1.124	—	.137
117	5123	X	2	.894	—	.094
122	15	Z	1	.978	—	.204
132	230	Z	1	.384	—	.433
134	34	X	1	.714	—	.607
140	44	XZ(⊥)	1	.672	—	.816
150	5052	XZ(⊥)	2	.703	—	.877
155	1146	XZ(⊥)	1	.565	—	.823
163	491	XZ(⊥)	2	.139	—	.252
164	491	XZ(∥)	2	.131	—	.229
175	514	Y	3	-.071	.191	-.011
176	516	X	3	-.050	.172	—
180	162	Z	3	-.003	.007	.011
186	171	XZ(⊥)	3	.001	.002	—
187	171	XZ(∥)	3	.001	.002	—
188	171	Y	3	.001	.002	—
252	65	XZ(⊥)	3	.019	.005	-.001
207	166	Y	3	-.001	-.006	.011

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

TABLE 18

SNUBBER MOVEMENT SUMMARY ~ DHR & SFC PIPING UPSET COND 2 B

ETEC'S NODAL No.	TVA'S NODAL No	DIR ①	CL	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
				X (IN)	Y (IN)	Z (IN)
99	9	XZ(⊥)	2	.403	-.004	.329
100	9	XZ(∥)	2	.494	-.003	.370
12	14	X	1	.841	—	.557
117	5123	X	2	.853	—	.548
122	15	Z	1	.855	—	.550
132	230	Z	1	.404	—	.586
134	34	X	1	.781	—	.775
140	44	XZ(⊥)	1	1.393	—	.849
150	5052	XZ(⊥)	2	1.414	—	.702
155	1146	XZ(⊥)	1	1.549	—	.925
163	491	XZ(⊥)	2	1.034	—	1.068
164	491	XZ(∥)	2	.994	—	1.027
175	514	Y	3	.016	-.024	—
176	516	X	3	.017	-.027	—
180	162	Z	3	.002	.008	-.007
186	171	XZ(⊥)	3	-.001	-.028	.002
187	171	XZ(∥)	3	-.001	-.026	.002
188	171	Y	3	-.001	-.025	.002
252	65	XZ(⊥)	3	-.025	.351	-.013
207	166	Y	3	-.027	.249	.118

NOTES

① XZ DIRECTIONS ARE IN THE HOR. PL & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

TABLE 19

SNUBBER MOVEMENT SUMMARY ~ DHR & SFC PIPING UPSET COND 2C

ETEC'S NODAL No.	TVA'S NODAL No	DIR (1)	CL	ETEC'S THERMAL MOVEMENTS GLOBAL AXES SYSTEM		
				X (IN)	Y (IN)	Z (IN)
99	9	XZ(⊥)	2	.973	-.044	.295
100	9	XZ(∥)	2	1.067	-.031	.304
12	14	X	1	1.261	—	-.091
117	5123	X	2	1.057	—	-.149
122	15	Z	1	1.130	—	-.041
132	230	Z	1	.376	—	.334
134	34	X	1	.929	—	.465
140	44	XZ(⊥)	1	1.557	—	.563
150	5052	XZ(⊥)	2	1.589	—	.437
155	1146	XZ(⊥)	1	1.679	—	.646
163	491	XZ(⊥)	2	1.131	.001	.776
164	491	XZ(∥)	2	1.094	.001	.746
175	514	Y	3	.830	.452	-.073
176	516	X	3	.828	.430	—
180	162	Z	3	-.325	-.050	1.139
186	171	XZ(⊥)	3	-.487	.161	.658
187	171	XZ(∥)	3	-.463	.188	.604
188	171	Y	3	-.439	.213	.554
252	65	XZ(⊥)	3	.302	.339	.042
207	166	Y	3	-.153	.243	.555

NOTES

(1) XZ DIRECTIONS ARE IN THE HOR. PL. & ARE EITHER NORMAL (⊥) OR PARALLEL (∥) TO THE PIPE

ETEC

PREPARED BY / DATE

CHECKED BY

SUBJECT

NO. ____ PAGE 1 OF ____

DATE ____

REV / DATE ____

TABLE 20

VARIABLE SPRING SUPPORT SUMMARY ~ DHR & SFC PIPING

ETEC'S NODAL No	TVA'S NODAL No	DIR	CL	COLD LOAD (LBS)	DESIGN COND HOT LOAD	DESIGN COND THERM. MOVEMENTS X	DESIGN COND THERM. MOVEMENTS Y	DESIGN COND THERM. MOVEMENTS Z	NORMAL COND 1A HOT LOAD	NORMAL COND 1A THERM. MOVEMENTS X	NORMAL COND 1A THERM. MOVEMENTS Y	NORMAL COND 1A THERM. MOVEMENTS Z
133 ①	28	Y	1	2428	2703	.401	-.306	.939	2688	.364	-.289	1.008
189 ②	173	Y	3	1337	1280	-.096	.115	.037	1296	-.039	.083	.036

ETEC'S NODAL No	TVA'S NODAL No	DIR	CL	COLD LOAD (LBS	NORMAL COND 1B HOT LOAD	NORMAL COND 1B THERM. MOVEMENTS X	NORMAL COND 1B THERM. MOVEMENTS Y	NORMAL COND 1B THERM. MOVEMENTS Z	NORMAL COND 1C HOT LOAD	NORMAL COND 1C THERM. MOVEMENTS X	NORMAL COND 1C THERM. MOVEMENTS Y	NORMAL COND 1C THERM. MOVEMENTS Z
133 ①	28	Y	1	2428	2522	.156	-.104	.881	2492	.047	-.071	.080
189 ②	173	Y	3	1337	1297	-.039	.080	.037	1338	-.024	-.001	.001

ETEC'S NODAL No.	TVA'S NODAL No.	DIR	CL	COLD LOAD (LBS)	NORMAL COND 1D HOT LOAD	NORMAL COND 1D THERM. MOVEMENTS X	NORMAL COND 1D THERM. MOVEMENTS Y	NORMAL COND 1D THERM. MOVEMENTS Z	UPSET COND 2A HOT LOAD	UPSET COND 2A THERM. MOVEMENTS X	UPSET COND 2A THERM. MOVEMENTS Y	UPSET COND 2A THERM. MOVEMENTS Z
133 ①	28	Y	1	2428	2492	.048	-.071	.078	2523	.152	-.106	.891
189 ②	173	Y	3	1337	1338	-.027	-.001	.001	1336	.001	.001	—

ETEC'S NODAL No.	TVA'S NODAL No	DIR	CL	COLD LOAD (LBS)	UPSET COND 2B HOT LOAD	UPSET COND 2B THERM. MOVEMENTS X	UPSET COND 2B THERM. MOVEMENTS Y	UPSET COND 2B THERM. MOVEMENTS Z	UPSET COND 2C HOT LOAD	UPSET COND 2C THERM. MOVEMENTS X	UPSET COND 2C THERM. MOVEMENTS Y	UPSET COND 2C THERM. MOVEMENTS Z
133 ①	28	Y	1	2428	2521	.151	-.103	.933	2522	.156	-.104	.879
189 ②	173	Y	3	1337	1370	-.001	-.005	.002	1141	-.183	.393	.166

NOTES ① ASSUME SPRING RATE = 900 #/IN ② ASSUME SPRING RATE = 500 #/IN

FORM 735-A-54 REV 12-78

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
149	60 - 61	I*= 0.500	0.0	7364.6	19185.5	26606.	350.	T(2,2)
		I= 2.605	0.0	7560.6	19696.0	26606.	350.	T(2,2)
			0.0	6875.8	17912.2	26606.	350.	T(2,2)
150	61 - 209	I*= 0.500	0.0	6875.8	6875.8	26606.	350.	T(2,2)
		I= 1.000	0.0	5028.2	5028.2	26606.	350.	T(2,2)
151	212 - 213	I*= 0.500	0.0	3696.1	3696.1	26628.	325.	T(2,2)
		I= 1.000	0.0	4835.4	4835.4	26628.	325.	T(2,2)
152	213 - 62	I*= 0.500	0.0	4835.4	4835.4	26650.	300.	T(2,2)
		I= 1.000	0.0	5703.7	5703.7	26650.	300.	T(2,2)
153	62 - 63	I*= 0.500	0.0	5703.7	14858.6	26650.	300.	T(2,2)
		I= 2.605	0.0	6240.2	16256.4	26650.	300.	T(2,2)
			0.0	5701.5	14852.8	26650.	300.	T(2,2)
154	63 - 64	I*= 0.500	0.0	5701.5	5701.5	26650.	300.	T(2,2)
		I= 1.000	0.0	10106.3	10106.3	26650.	300.	T(2,2)
155	64 - 65	I*= 0.500	0.0	10106.3	26327.8	26650.	300.	T(2,2)
		I= 2.605	0.0	11070.0	28838.3	26650.	300.	T(2,2)
			0.0	10270.8	26756.5	26650.	300.	FAIL T(2,2)
156	65 - 66	I*= 0.500	0.0	10270.8	10270.8	26650.	300.	T(2,2)
		I= 1.000	0.0	8468.6	8468.6	26650.	300.	T(2,2)
157	66 - 67	I*= 0.500	0.0	8468.6	22061.5	26650.	300.	T(2,2)
		I= 2.605	0.0	8485.2	22104.8	26650.	300.	T(2,2)
			0.0	7531.8	19621.0	26650.	300.	T(2,2)
158	67 - 214	I*= 0.500	0.0	7531.8	7531.8	26650.	300.	T(2,2)
		I= 1.000	0.0	7165.9	7165.9	26650.	300.	T(2,2)
159	214 - 68	I*= 0.500	0.0	7165.9	7165.9	26650.	300.	T(2,2)
		I= 1.000	0.0	7697.5	7697.5	26650.	300.	T(2,2)

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TABLE 2.1

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	0.0	7697.5	20052.8	26650.	300.	T(2,2)
		I= 2.605	0.0	8149.3	21229.6	26650.	300.	T(2,2)
			0.0	8776.9	22864.6	26650.	300.	T(2,2)
161	69 - 215	I*= 0.500	0.0	8776.9	8776.9	26650.	300.	T(2,2)
		I= 1.000	0.0	14243.5	14243.5	26650.	300.	T(2,2)
162	215 - 70	I*= 0.500	0.0	14243.5	14243.5	26650.	300.	T(2,2)
		I= 1.000	0.0	15950.8	15950.8	26650.	300.	T(2,2)
163	70 - 216	I*= 0.500	0.0	11386.8	11386.8	26650.	300.	T(2,2)
		I= 1.000	0.0	10741.5	10741.5	26650.	300.	T(2,2)
164	70 - 217	I*= 0.500	0.0	10148.7	10148.7	26650.	300.	T(2,2)
		I= 1.000	0.0	9599.6	9599.6	26650.	300.	T(2,2)
165	217 - 71	I*= 0.500	0.0	9599.6	27477.7	26650.	300.	T(2,2)
		I= 2.862	0.0	9278.0	26557.4	26650.	300.	T(2,2)
			0.0	8939.7	25588.9	26650.	300.	FAIL T(2,2)
166	71 - 72	I*= 0.500	0.0	8939.7	25588.9	26650.	300.	T(2,2)
		I= 2.862	0.0	8654.3	24772.1	26650.	300.	T(2,2)
			0.0	8495.8	24318.4	26650.	300.	T(2,2)
167	72 - 218	I*= 0.500	0.0	8495.8	8495.8	26650.	300.	T(2,2)
		I= 1.000	0.0	8506.2	8506.2	26650.	300.	T(2,2)
168	218 - 219	I*= 0.500	0.0	8506.2	8506.2	26650.	300.	T(2,2)
		I= 1.000	0.0	1387.7	1387.7	26650.	300.	T(2,2)
169	222 - 223	I*= 0.500	0.0	1150.1	1150.1	26650.	300.	T(2,2)
		I= 1.000	0.0	1300.3	1300.3	26650.	300.	T(2,2)
170	226 - 73	I*= 0.500	0.0	1574.1	1574.1	26650.	300.	T(2,2)
		I= 1.000	0.0	1882.2	1882.2	26650.	300.	T(2,2)

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TABLE 21 (CONT'D)

STRESS ANALYSIS

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
182	80 - 81	I*= 0.500	0.0	4494.9	4494.9	26650.	300.	T(2,2)	
		I= 1.000	0.0	9317.7	9317.7	26650.	300.	T(2,2)	
183	76 - 229	I*= 0.500	0.0	28782.9	28782.9	26650.	300.	T(2,2)	
		I= 1.000	0.0	26462.6	26462.6	26650.	300.	FAIL T(2,2)	SEE COMP No 14
184	229 - 230	I*= 0.500	0.0	26462.6	26462.6	26650.	300.	T(2,2)	
		I= 1.000	0.0	25006.9	25006.9	26650.	300.	T(2,2)	
185	230 - 236	I*= 0.500	0.0	25006.9	25006.9	26650.	300.	T(2,2)	
		I= 1.000	0.0	14278.5	14278.5	26650.	300.	T(2,2)	
186	236 - 237	I*= 0.500	0.0	14278.5	14278.5	26650.	300.	T(2,2)	
		I= 1.000	0.0	14893.6	14893.6	26650.	300.	T(2,2)	
187	240 - 82	I*= 0.500	0.0	22569.4	22569.4	26650.	300.	T(2,2)	
		I= 1.000	0.0	23224.1	23224.1	26650.	300.	T(2,2)	
188	82 - 83	I*= 0.500	0.0	23224.1	45341.6	26650.	300.	T(2,2)	
		I= 1.952	0.0	22960.1	44826.3	26650.	300.	T(2,2)	
			0.0	16765.2	32731.6	26650.	300.	FAIL T(2,2)	3
189	83 - 84	I*= 0.500	0.0	16765.2	16765.2	26650.	300.	T(2,2)	
		I= 1.000	0.0	15160.5	15160.5	26650.	300.	T(2,2)	
190	84 - 85	I*= 0.500	0.0	15160.5	29598.6	26650.	300.	T(2,2)	
		I= 1.952	0.0	21312.1	41608.7	26650.	300.	T(2,2)	
			0.0	21510.6	41996.2	26650.	300.	FAIL T(2,2)	4
191	85 - 241	I*= 0.500	0.0	21510.6	21510.6	26650.	300.	T(2,2)	
		I= 1.000	0.0	9187.5	9187.5	26650.	300.	T(2,2)	
192	241 - 86	I*= 0.500	0.0	9187.5	9187.5	26650.	300.	T(2,2)	
		I= 1.000	0.0	11853.4	11853.4	26650.	300.	T(2,2)	

188 EQ 11 (NC3652.3) $S_{TE} = \frac{PD_o}{4t_n} + .75i\left(\frac{M_A}{Z}\right) + i\frac{M_C}{Z} \leq S_h + S_A \leq 16600 + 26650 \leq 43250$

$= 431.9 + 45341.6 = 45773.5$ FAIL

TABLE 21 (CONT'D)

STRESS ANALYSIS

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
193	86 - 242	I*= 0.500	0.0	10566.9	10566.9	26650.	300.	T(2,2)	
		I= 1.000	0.0	10632.8	10632.8	26650.	300.	T(2,2)	
194	86 - 243	I*= 0.500	0.0	8003.7	8003.7	26650.	300.	T(2,2)	
		I= 1.000	0.0	9187.2	9187.2	26650.	300.	T(2,2)	
195	242 - 87	I*= 0.500	0.0	10632.8	20758.9	26650.	300.	T(2,2)	
		I= 1.952	0.0	12279.5	23973.8	26650.	300.	T(2,2)	
			0.0	11760.4	22960.5	26650.	300.	T(2,2)	
196	87 - 88	I*= 0.500	0.0	11760.4	22960.5	26650.	300.	T(2,2)	
		I= 1.952	0.0	8871.8	17320.8	26650.	300.	T(2,2)	
			0.0	5832.3	11386.7	26650.	300.	T(2,2)	
197	88 - 244	I*= 0.500	0.0	5832.3	5832.3	26650.	300.	T(2,2)	
		I= 1.000	0.0	6313.5	6313.5	26650.	300.	T(2,2)	
198	247 - 89	I*= 0.500	0.0	40287.5	40287.5	26650.	300.	T(2,2)	
		I= 1.000	0.0	46460.0	46460.0	26650.	300.	FAIL T(2,2)	5
199	243 - 90	I*= 0.500	0.0	9187.2	17936.7	26650.	300.	T(2,2)	
		I= 1.952	0.0	12299.6	24013.2	26650.	300.	T(2,2)	
			0.0	13395.3	26152.4	26650.	300.	T(2,2)	
200	90 - 91	I*= 0.500	0.0	13395.3	26152.4	26650.	300.	T(2,2)	
		I= 1.952	0.0	11954.7	23339.8	26650.	300.	T(2,2)	
			0.0	8570.6	16732.9	26650.	300.	T(2,2)	
201	91 - 248	I*= 0.500	0.0	8570.6	8570.6	26650.	300.	T(2,2)	
		I= 1.000	0.0	7231.5	7231.5	26650.	300.	T(2,2)	
202	251 - 92	I*= 0.500	0.0	26963.4	26963.4	26650.	300.	T(2,2)	
		I= 1.000	0.0	31720.0	31720.0	26650.	300.	FAIL T(2,2)	6

198 EQ 11 (NC3652.3) $S_{TE} = \frac{PD_o}{4t_n} + .75i\left(\frac{M_A}{Z}\right) + i\left(\frac{M_C}{Z}\right) \leq S_h + S_A \leq 16600 + 26650 \leq 43250$

$= 1075.1 + 46460.0 = 47535.1$ • FAIL

TABLE 21 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	
		INDEXO= 4		IR= 1.968	IB= 1.968	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	8365.7	16462.6	26606.2	T(2,2)
RUN	0.0	3915.0	7704.3	26606.2	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -7458.3	M2= -46577.4	M3= 7452.5
	(R-2)	M1= 13800.9	M2= 115074.0	M3= -34903.7
	(BR)	M1= -6342.6	M2= -68496.6	M3= 27451.2
MAX. BR. LOAD	(R-1)	M1= -7458.3	M2= -46577.4	M3= 7452.5
	(R-2)	M1= 13800.9	M2= 115074.0	M3= -34903.7
	(BR)	M1= -6342.6	M2= -68496.6	M3= 27451.2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	
6	BUTT WELD TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	FAIL
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	
		INDEXO= 4		IR= 2.172	IB= 2.172	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	15428.2	33515.6	26650.0	T(2,2)
RUN	0.0	11062.0	24030.7	26650.0	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 16700.6	M2= 391071.9	M3= 211022.2
	(R-2)	M1= 51882.7	M2=-422696.0	M3= 259953.2
	(BR)	M1= -68583.3	M2= 31624.1	M3=-470975.4
MAX. BR. LOAD	(R-1)	M1= 16700.6	M2= 391071.9	M3= 211022.2
	(R-2)	M1= 51882.7	M2=-422696.0	M3= 259953.2
	(BR)	M1= -68583.3	M2= 31624.1	M3=-470975.4

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TABLE 21 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 200	DR= 6.625	B1R= 1.000	B1B= 1.000	
		NA= 199	DB= 1.315	B2R= 1.000	B2B= 2.090	
13	BRANCH CONNECT.	NB= 206	TR= 0.280	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 201	TB= 0.133	C2R= 1.000	C2B= 2.787	
		INDEXO= 4		IR= 1.393	IB= 1.393	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	1367.0	1904.9	26606.2	T(2,2)
RUN	0.0	3564.7	4967.4	26606.2	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 6639.1	M2= -21082.9	M3= 22527.2
	(R-2)	M1= -6612.4	M2= 21040.7	M3= -22334.0
	(BR)	M1= -26.7	M2= 42.2	M3= -193.1
MAX. BR. LOAD	(R-1)	M1= 6639.1	M2= -21082.9	M3= 22527.2
	(R-2)	M1= -6612.4	M2= 21040.7	M3= -22334.0
	(BR)	M1= -26.7	M2= 42.2	M3= -193.1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 76	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 228	DB= 4.500	B2R= 1.340	B2B= 3.949	
14	BRANCH CONNECT.	NB= 77	TR= 0.375	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 229	TB= 0.237	C2R= 1.786	C2B= 5.265	
		INDEXO= 4		IR= 2.633	IB= 2.633	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	27351.3	72006.3	26650.0	T(2,2)
RUN	0.0	9391.9	24725.6	26650.0	T(2,2)

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MAX. RUN LOAD	(R-1)	M1= -51882.7	M2= 154979.9	M3= 299256.1
	(R-2)	M1= 43492.0	M2=-156100.0	M3=-391390.4
	(BR)	M1= 8390.7	M2= 1120.1	M3= 92134.3
MAX. BR. LOAD	(R-1)	M1= -51882.7	M2= 154979.9	M3= 299256.1
	(R-2)	M1= 43492.0	M2=-156100.0	M3=-391390.4
	(BR)	M1= 8390.7	M2= 1120.1	M3= 92134.3

14 EQ 11 (NC3652.3) $S_{TE} = \frac{PD_o}{4t_n} + .75i\left(\frac{M_A}{Z}\right) + i\left(\frac{M_C}{Z}\right) \leq S_h + S_A \leq 16600 + 26650 = 43250$

BRANCH

$= 728.4 + 72006.3 = 72734.7$ FAIL

TABLE 21 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
1	1 - 93	I*= 0.500	4794.52	12189.1	14586.3	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	8561.9	10959.1	19899.	305.	D(1)-S(3)
2	93 - 94	I*= 0.500	4794.52	8561.9	10959.1	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	6595.2	8992.5	19899.	305.	D(1)+S(3)
3	94 - 2	I*= 0.500	4794.52	6595.2	8992.5	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	8019.1	10416.3	19899.	305.	D(1)+S(3)
4	2 - 3	I*= 0.500	4794.52	8019.1	23134.7	19899.	305.	D(1)+S(3)
	(300.)	I= 2.586	4794.52	8051.9	23219.5	19899.	305.	D(1)+S(3)
			4794.52	6314.3	18726.2	19899.	305.	FAIL D(1)+S(3)
5	3 - 4	I*= 0.500	4794.52	5219.6	8616.8	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	3744.8	6142.1	19899.	305.	D(1)+S(3)
6	4 - 5	I*= 0.500	4794.52	3617.8	9537.0	19899.	305.	D(1)+S(3)
	(300.)	I= 1.973	4794.52	3918.4	10130.1	19899.	305.	D(1)+S(3)
			4794.52	4658.1	11590.0	19899.	305.	D(1)+S(3)
7	5 - 95	I*= 0.500	4794.52	4658.2	11590.1	19899.	305.	D(1)+S(3)
	(300.)	I= 1.973	4794.52	5415.8	13085.4	19899.	305.	D(1)+S(3)
			4794.52	6641.4	15503.9	19899.	305.	D(1)+S(3)
8	95 - 6	I*= 0.500	4794.52	6452.2	8849.5	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	7589.9	9987.1	19899.	305.	D(1)-S(3)
9	6 - 96	I*= 0.500	3549.11	15490.0	17264.6	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	3549.11	12444.3	14218.9	19899.	305.	D(1)-S(3)
10	6 - 97	I*= 0.500	4794.52	7469.7	9867.0	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	8692.8	11090.0	19899.	305.	D(1)-S(3)
11	97 - 98	I*= 0.500	4794.52	8692.9	11090.1	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	9772.1	12169.3	19899.	305.	D(1)-S(3)

1

TABLE 22

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
12	98 - 7	I*= 0.500	4794.52	9772.0	12169.3	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	11279.5	13676.7	19899.	305.	D(1)-S(3)
13	7 - 8	I*= 0.500	4794.52	11228.3	13625.5	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	8907.7	11304.9	19899.	305.	D(1)-S(3)
			4794.52	10659.0	13056.2	19899.	305.	D(1)-S(3)
14	8 - 99	I*= 0.500	4794.52	10553.0	12950.3	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	14012.5	16409.8	19899.	305.	D(1)+S(3)
15	99 - 100	I*= 0.500	4794.52	14012.5	16409.8	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	10708.8	13106.1	19899.	305.	D(1)-S(3)
16	100 - 101	I*= 0.500	4794.52	10708.8	13106.1	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	11385.8	13783.1	19899.	305.	D(1)-S(3)
17	101 - 9	I*= 0.500	4794.52	11385.8	13783.1	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	12301.1	14698.4	19899.	305.	D(1)-S(3)
18	9 - 103	I*= 0.500	4417.81	27519.8	29728.7	19899.	305.	D(1)-S(3) SEE COMP NO
	(300.)	I= 1.000	4417.81	20429.1	22638.0	19899.	305.	FAIL D(1)-S(3) 2
19	9 - 102	I*= 0.500	4794.52	15073.0	17470.3	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	15519.3	17916.5	19899.	305.	D(1)-S(3)
20	102 - 10	I*= 0.500	4794.52	15519.3	17916.5	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	16053.9	18451.2	19899.	305.	D(1)-S(3)
21	10 - 11	I*= 0.500	4794.52	15978.4	18375.6	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	11199.3	13596.5	19899.	305.	D(1)-S(3)
			4794.52	15496.9	17894.2	19899.	305.	D(1)-S(3)
22	11 - 104	I*= 0.500	4794.52	15399.5	17796.7	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	16378.6	18775.9	19899.	305.	D(1)+S(3)

TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
23	107 - 12	B1= 0.500	1493.60	6903.5	7650.3	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	8253.2	9000.0	29906.	305.	D(1)-S(3)
24	12 - 13	B1= 1.000	1493.60	8002.3	15739.4	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.780	1493.60	7087.8	14111.3	29906.	305.	D(1)+S(3)
			1493.60	4734.1	9921.2	29906.	305.	D(1)+S(3)
25	13 - 108	B1= 0.500	1493.60	4633.4	5380.2	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	4243.1	4989.9	29906.	305.	D(1)+S(3)
26	108 - 109	B1= 0.500	1198.63	114242.1	114841.4	29906.	305.	D(1)-S(3) SEE COMP No 8
	(300.)	B2= 1.000	1198.63	108393.3	108992.6	29906.	305.	FAIL D(1)-S(3)
27	109 - 110	B1= 0.500	1198.63	108393.3	108992.6	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1198.63	107114.3	107713.7	29906.	305.	FAIL D(1)-S(3)
28	110 - 111	B1= 0.500	1198.63	107114.3	107713.7	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1198.63	106515.9	107115.2	29906.	305.	FAIL D(1)-S(3)
29	114 - 115	I*= 0.500	1198.63	17073.2	17672.5	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	1198.63	12334.5	12933.8	23925.	305.	D(1)+S(3)
30	115 - 116	I*= 0.500	1198.63	12334.5	12933.8	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	1198.63	6232.2	6831.5	23925.	305.	D(1)+S(3)
31	116 - 117	I*= 0.500	1198.63	6061.4	6660.7	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	1198.63	49.6	648.9	23925.	305.	D(1)-S(3)
32	116 - 118	I*= 0.500	789.00	7073.5	7468.0	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	789.00	5548.3	5942.8	23925.	305.	D(1)+S(3)
33	117 - 119	I*= 0.500	1198.63	49.6	648.9	23925.	305.	D(1)-S(3)
	(300.)	I= 1.000	1198.63	0.0	599.3	23925.	305.	D(1)-S(3)
34	118 - 120	I*= 0.500	789.00	5548.3	5942.8	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	789.00	2607.3	3001.8	23925.	305.	D(1)+S(3)

FOR DESIGN CONDITION PRESS = 2500 PSIG

24	12446.66	8002.3	26690.8	24295	670	FAIL	(2)

TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
69	163 - 162	I*= 0.500	4794.52	5804.7	8202.0	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	5138.9	7536.1	19899.	305.		D(1)+S(3)
			4794.52	4591.5	6988.8	19899.	305.		D(1)+S(3)
70	162 - 161	I*= 0.500	4794.52	4591.5	6988.8	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	3455.0	5852.3	19899.	305.		D(1)+S(3)
			4794.52	7456.9	9854.2	19899.	305.		D(1)+S(3)
71	161 - 160	I*= 0.500	4794.52	7456.9	9854.2	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	9821.0	12218.2	19899.	305.		D(1)+S(3)
			4794.52	13283.8	15681.1	19899.	305.		D(1)+S(3)
72	31 - 159	I*= 0.500	4794.52	14203.6	16600.8	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	14776.0	17173.2	19899.	305.		D(1)+S(3)
73	156 - 155	B1= 0.500	1493.60	7178.2	7925.0	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.000	1493.60	8947.3	9694.1	29906.	305.		D(1)+S(3)
74	155 - 32	B1= 0.500	1493.60	8947.3	9694.1	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.000	1493.60	9243.0	9989.8	29906.	305.		D(1)+S(3)
75	32 - 33	B1= 1.000	1493.60	9248.4	17957.6	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.780	1493.60	9667.7	18704.1	29906.	305.		D(1)+S(3)
			1493.60	8460.7	16555.4	29906.	305.		D(1)+S(3)
76	33 - 141	B1= 0.500	1493.60	8378.3	9125.1	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1493.60	7426.2	8173.0	29906.	305.		D(1)-S(3)
77	141 - 142	B1= 0.500	1198.63	104692.2	105291.5	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	98841.6	99440.9	29906.	305.	FAIL	D(1)-S(3) SEE COMP NO 9
78	142 - 143	B1= 0.500	1198.63	98841.6	99440.9	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	97438.1	98037.5	29906.	305.	FAIL	D(1)-S(3)
79	143 - 144	B1= 0.500	1198.63	97438.1	98037.5	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	96923.4	97522.7	29906.	305.	FAIL	D(1)-S(3)

FOR DESIGN CONDITION PRESS = 2500 PSIG

75	12446.66	9667.7	29655.2	24295	670.	FAIL	3

TABLE 22 (CONT'D)

STRESS ANALYSIS

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
92	134 - 130	B1= 0.500	1493.60	5789.6	6536.4	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	4856.3	5603.1	29906.	305.	D(1)+S(3)
93	96 - 36	I*= 0.500	3549.11	12445.0	14219.6	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	3549.11	11039.7	12814.2	19899.	305.	D(1)-S(3)
94	36 - 37	I*= 0.500	3549.11	11042.6	20537.9	19899.	305.	D(1)-S(3)
	(300.)	I= 1.699	3549.11	12392.6	22831.9	19899.	305.	D(1)+S(3)
			3549.11	14110.7	25751.3	19899.	305.	FAIL D(1)+S(3)
95	37 - 166	I*= 0.500	3549.11	13431.8	15206.4	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	3549.11	10492.2	12266.7	19899.	305.	D(1)+S(3)
96	168 - 169	I*= 0.500	0.0	10540.3	10540.3	20559.	213.	D(1)-S(3)
	(0.)	I= 1.000	0.0	9290.0	9290.0	20559.	213.	D(1)-S(3)
97	169 - 170	I*= 0.500	0.0	9290.0	9290.0	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	6155.2	6155.2	21235.	120.	D(1)-S(3)
98	170 - 171	I*= 0.500	0.0	3979.5	3979.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	2788.9	2788.9	21235.	120.	D(1)-S(3)
99	171 - 172	I*= 0.500	0.0	2788.9	2788.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1852.2	1852.2	21235.	120.	D(1)+S(3)
100	172 - 173	I*= 0.500	0.0	411.6	411.6	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	23.3	23.3	21235.	120.	D(1)+S(3)
101	173 - 174	I*= 0.500	0.0	104.8	104.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)-S(3)
102	170 - 175	I*= 0.500	0.0	6196.0	6196.0	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	6052.9	6052.9	21235.	120.	D(1)-S(3)
103	175 - 39	I*= 0.500	0.0	6052.9	6052.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	5848.0	5848.0	21235.	120.	D(1)-S(3)

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TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
138	205 - 204	I*= 0.500	0.0	1169.6	1169.6	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1919.1	1919.1	21235.	120.		D(1)+S(3)
139	204 - 203	I*= 0.500	0.0	1919.1	1919.1	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	714.9	714.9	21235.	120.		D(1)-S(3)
140	203 - 202	I*= 0.500	0.0	714.9	714.9	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	764.4	764.4	21235.	120.		D(1)-S(3)
			0.0	887.8	887.8	21235.	120.		D(1)+S(3)
141	202 - 201	I*= 0.500	0.0	881.4	881.4	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1522.4	1522.4	21235.	120.		D(1)+S(3)
142	201 - 200	I*= 0.500	0.0	1522.4	1522.4	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	2919.0	2919.0	21235.	120.		D(1)+S(3)
143	200 - 199	I*= 0.500	0.0	4455.3	4455.3	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	4188.5	4188.5	21235.	120.		D(1)+S(3)
144	199 - 56	I*= 0.500	0.0	4188.5	4188.5	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	4486.1	4486.1	21235.	120.		D(1)-S(3)
145	56 - 55	I*= 0.500	0.0	4399.9	7476.3	21235.	120.		D(1)-S(3)
	(0.)	I= 1.699	0.0	5103.8	8672.2	21235.	120.		D(1)-S(3)
			0.0	5044.5	8571.6	21235.	120.		D(1)-S(3)
146	55 - 252	I*= 0.500	0.0	5233.7	5233.7	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	6271.7	6271.7	21235.	120.		D(1)-S(3)
147	196 - 193	I*= 0.500	3549.11	5974.2	7748.8	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	3549.11	10425.3	12199.8	19899.	305.		D(1)+S(3)
148	103 - 60	I*= 0.500	4417.81	20429.1	22638.0	19899.	305.		D(1)-S(3) SEE Comp No 2
	(300.)	I= 1.000	4417.81	13635.9	15844.8	19899.	305.	FAIL	D(1)-S(3)

TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
149	60 - 61	I*= 0.500	4417.81	13392.9	28376.2	19899.	305.		D(1)+S(3)
	(300.)	I= 1.954	4417.81	11265.7	24220.0	19899.	305.		D(1)+S(3)
			4417.81	11682.0	25033.4	19899.	305.	FAIL	D(1)-S(3)
150	61 - 209	I*= 0.500	4417.81	11791.5	14000.4	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4417.81	14968.3	17177.2	19899.	305.		D(1)+S(3)
151	212 - 213	I*= 0.500	0.0	19847.1	19847.1	20559.	213.		D(1)+S(3)
	(0.)	I= 1.000	0.0	11828.9	11828.9	20559.	213.		D(1)-S(3)
152	213 - 62	I*= 0.500	0.0	11829.0	11829.0	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	11258.8	11258.8	21235.	120.		D(1)+S(3)
153	62 - 63	I*= 0.500	0.0	11319.0	22115.4	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	10723.0	20950.9	21235.	120.		D(1)+S(3)
			0.0	10679.1	20865.1	21235.	120.	FAIL	D(1)+S(3)
154	63 - 64	I*= 0.500	0.0	10626.6	10626.6	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	11722.3	11722.3	21235.	120.		D(1)+S(3)
155	64 - 65	I*= 0.500	0.0	11722.3	22903.3	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	10780.2	21062.6	21235.	120.		D(1)+S(3)
			0.0	8517.0	16640.7	21235.	120.	FAIL	D(1)-S(3)
156	65 - 66	I*= 0.500	0.0	8501.8	8501.8	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	7111.4	7111.4	21235.	120.		D(1)+S(3)
157	66 - 67	I*= 0.500	0.0	7313.0	14288.3	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	9799.9	19147.3	21235.	120.		D(1)+S(3)
			0.0	11528.0	22523.6	21235.	120.	FAIL	D(1)+S(3)
158	67 - 214	I*= 0.500	0.0	11452.0	11452.0	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	11728.8	11728.8	21235.	120.		D(1)-S(3)
159	214 - 68	I*= 0.500	0.0	11728.8	11728.8	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	9369.8	9369.8	21235.	120.		D(1)+S(3)

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TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
171	73 - 74	I*= 0.500	0.0	6288.3	13499.6	21235.	120.	D(1)-S(3)
	(0.)	I= 2.147	0.0	3746.1	8042.1	21235.	120.	D(1)+S(3)
			0.0	1183.6	2540.9	21235.	120.	D(1)+S(3)
172	74 - 227	I*= 0.500	0.0	1183.6	1183.6	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	8585.0	8585.0	21235.	120.	D(1)+S(3)
173	227 - 75	I*= 0.500	0.0	8585.0	8585.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	28756.0	28756.0	21235.	120.	FAIL D(1)-S(3)
174	216 - 228	I*= 0.500	0.0	8186.4	8186.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	9640.0	9640.0	21235.	120.	D(1)-S(3)
175	228 - 76	I*= 0.500	0.0	9640.0	9640.0	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	8288.6	8288.6	21235.	120.	D(1)-S(3)
176	76 - 77	I*= 0.500	0.0	8006.1	8006.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	4507.4	4507.4	21235.	120.	D(1)-S(3)
177	77 - 78	I*= 0.500	0.0	4507.4	9676.5	21235.	120.	D(1)-S(3)
	(0.)	I= 2.147	0.0	3493.8	7500.4	21235.	120.	D(1)+S(3)
			0.0	3033.0	6511.3	21235.	120.	D(1)-S(3)
178	78 - 231	I*= 0.500	0.0	3187.6	3187.6	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	3241.7	3241.7	21235.	120.	D(1)-S(3)
179	231 - 232	I*= 0.500	0.0	3241.7	3241.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	2366.4	2366.4	21235.	120.	D(1)+S(3)
180	235 - 79	I*= 0.500	0.0	2119.0	2119.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1932.6	1932.6	21235.	120.	D(1)+S(3)
181	79 - 80	I*= 0.500	0.0	1898.5	4075.6	21235.	120.	D(1)-S(3)
	(0.)	I= 2.147	0.0	1467.4	3150.1	21235.	120.	D(1)-S(3)
			0.0	3308.3	7102.3	21235.	120.	D(1)+S(3)

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TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
203	160 - 31	I*= 0.500	4794.52	13283.8	15681.1	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	13685.3	16082.6	19899.	305.	D(1)+S(3)
			4794.52	14123.0	16520.3	19899.	305.	D(1)+S(3)
204	189 - 51	I*= 0.500	0.0	1634.5	1634.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1591.2	1591.2	21235.	120.	D(1)-S(3)
205	200 - 206	I*= 0.500	0.0	4380.7	4380.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	5019.1	5019.1	21235.	120.	D(1)+S(3)
206	104 - 105	B1= 0.500	0.0	4251.3	4251.3	29906.	305.	D(1)+S(3)
	(0.)	B2= 1.000	0.0	5040.5	5040.5	29906.	305.	D(1)+S(3)
207	105 - 106	B1= 0.500	0.0	4722.6	4722.6	29906.	305.	D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)+S(3)
208	105 - 107	B1= 0.500	0.0	5363.7	5363.7	29906.	305.	D(1)+S(3)
	(0.)	B2= 1.000	0.0	4658.8	4658.8	29906.	305.	D(1)-S(3)
209	111 - 112	B1= 0.500	0.0	62089.4	62089.4	29906.	305.	D(1)-S(3)
	(0.)	B2= 1.000	0.0	62904.5	62904.5	29906.	305.	FAIL D(1)-S(3)
210	112 - 113	B1= 0.500	0.0	68815.4	68815.4	29906.	305.	D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL D(1)+S(3)
211	112 - 114	B1= 0.500	0.0	16255.7	16255.7	29906.	305.	D(1)+S(3)
	(0.)	B2= 1.000	0.0	9952.2	9952.2	29906.	305.	D(1)+S(3)
212	125 - 126	B1= 0.500	0.0	4468.7	4468.7	29906.	305.	D(1)+S(3)
	(0.)	B2= 1.000	0.0	5606.9	5606.9	29906.	305.	D(1)+S(3)
213	126 - 127	B1= 0.500	0.0	3477.6	3477.6	29906.	305.	D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)+S(3)
214	126 - 128	B1= 0.500	0.0	5404.6	5404.6	29906.	305.	D(1)+S(3)
	(0.)	B2= 1.000	0.0	4681.1	4681.1	29906.	305.	D(1)+S(3)

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TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG
215	135 - 136	B1= 0.500	0.0	3627.2	3627.2	29906.	305:	D(1)-S(3)
	(0.)	B2= 1.000	0.0	5052.1	5052.1	29906.	305:	D(1)+S(3)
216	136 - 137	B1= 0.500	0.0	4013.7	4013.7	29906.	305:	D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305:	D(1)-S(3)
217	136 - 138	B1= 0.500	0.0	4500.4	4500.4	29906.	305:	D(1)+S(3)
	(0.)	B2= 1.000	0.0	4805.9	4805.9	29906.	305:	D(1)+S(3)
218	144 - 145	B1= 0.500	0.0	56497.8	56497.8	29906.	305:	D(1)-S(3)
	(0.)	B2= 1.000	0.0	57158.7	57158.7	29906.	305:	FAIL D(1)-S(3)
219	145 - 146	B1= 0.500	0.0	63871.8	63871.8	29906.	305:	D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305:	FAIL D(1)+S(3)
220	145 - 147	B1= 0.500	0.0	14395.8	14395.8	29906.	305:	D(1)+S(3)
	(0.)	B2= 1.000	0.0	8826.7	8826.7	29906.	305:	D(1)+S(3)
221	153 - 154	I*= 0.500	0.0	829.2	829.2	23925.	305:	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	23925.	305:	D(1)+S(3)
222	156 - 157	B1= 0.500	0.0	4819.7	4819.7	29906.	305:	D(1)+S(3)
	(0.)	B2= 1.000	0.0	6078.8	6078.8	29906.	305:	D(1)+S(3)
223	157 - 158	B1= 0.500	0.0	5252.0	5252.0	29906.	305:	D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305:	D(1)-S(3)
224	157 - 159	B1= 0.500	0.0	4669.8	4669.8	29906.	305:	D(1)+S(3)
	(0.)	B2= 1.000	0.0	3775.6	3775.6	29906.	305:	D(1)-S(3)
225	166 - 38	I*= 0.500	1421.70	2310.4	3021.2	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	1421.70	2604.1	3315.0	19899.	305.	D(1)+S(3)
226	38 - 167	I*= 0.500	1421.70	738.3	1449.2	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1421.70	0.0	710.9	19899.	305.	D(1)-S(3)

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TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122	
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500	FAIL
	PER B16.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3549.1	13096.1	22115.2	19899.0	D(1)+S(3)
RUN	4794.5	7522.6	14144.0	19899.0	D(1)-S(3)

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MAX. RUN LOAD	(R-1)	M1=-144847.4	M2=-323505.1	M3= 317664.8
	(R-2)	M1=-113331.7	M2=-245625.2	M3= 327708.9
	(BR)	M1= -14320.4	M2=-107337.0	M3= 21467.8
MAX. BR. LOAD	(R-1)	M1= 175809.9	M2= 270906.3	M3=-318528.0
	(R-2)	M1= 128087.2	M2= 296134.5	M3=-329872.4
	(BR)	M1= -31397.5	M2= 109426.4	M3= -18441.1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 9	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122	
2	BUTT WELD TEE	NB= 102	TR= 0.438	C1R= 1.500	C1B= 1.500	FAIL
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162	
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	4417.8	26495.5	43519.9	19899.0	D(1)+S(3)
RUN	4794.5	14771.6	25463.6	19899.0	D(1)+S(3)

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MAX. RUN LOAD	(R-1)	M1= -64816.4	M2= 598771.0	M3= 357954.5
	(R-2)	M1= 133730.3	M2= 613229.6	M3= 692531.0
	(BR)	M1=-186074.6	M2= 585398.3	M3= 540073.5
MAX. BR. LOAD	(R-1)	M1= -64816.4	M2= 598771.0	M3= 357954.5
	(R-2)	M1= 133730.3	M2= 613229.6	M3= 692531.0
	(BR)	M1=-186074.6	M2= 585398.3	M3= 540073.5

TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173	
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898	

INDEXO= 3 PRESS= 0.0 IR= 1.087 IB= 1.087

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	949.9	1032.7	21234.8	D(1)+S(3)
RUN	0.0	557.7	606.3	21234.8	D(1)-S(3)

MAX. RUN LOAD	(R-1)	M1= 1057.0	M2= -205.7	M3= 902.1
	(R-2)	M1= 1711.5	M2= -714.7	M3= 344.4
	(BR)	M1= 1035.1	M2= -987.8	M3= 2688.9
MAX. BR. LOAD	(R-1)	M1= -1782.6	M2= 291.0	M3= -295.6
	(R-2)	M1= -1188.1	M2= 885.3	M3= -624.0
	(BR)	M1= -832.9	M2= 731.9	M3= -3015.8

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125	
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500	

INDEXO= 1 PRESS= 300.0 IR= 1.000 IB= 1.000

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	1198.6	103150.9	117243.4	29906.2		D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2		D(1)-S(3)
TOTAL			117538.3	29906.2	FAIL	

MAX. RUN LOAD	(R-1)	M1= 244817.0	M2= 479377.2	M3= 387753.8
	(R-2)	M1= 161984.3	M2= 512281.3	M3= 457611.0
	(BR)	M1= 298032.7	M2= 29822.1	M3= 120011.1
MAX. BR. LOAD	(R-1)	M1=-150878.2	M2=-485300.6	M3=-410362.2
	(R-2)	M1=-244944.0	M2=-507974.8	M3=-435002.6
	(BR)	M1=-309011.8	M2= -28205.1	M3=-120011.1

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TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER N3-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	1198.6	94239.4	107217.9	29906.2		D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2		D(1)-S(3)
TOTAL			107512.9	29906.2	FAIL	

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MAX. RUN LOAD	(R-1)	M1= 293639.7	M2= 30181.8	M3=1137935.8
	(R-2)	M1= 296554.9	M2= 77847.5	M3=1148521.5
	(BR)	M1= 206984.4	M2=-177449.6	M3= 119000.2
MAX. BR. LOAD	(R-1)	M1=-290840.2	M2=-101077.3	M3=*********
	(R-2)	M1=-290851.6	M2= -7805.0	M3=*********
	(BR)	M1=-215487.2	M2= 178302.6	M3=-119000.2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 3	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	5997.5	6392.0	23925.0	D(1)+S(3)
RUN	1198.6	5460.8	6060.1	23925.0	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -11902.2	M2= -12873.5	M3= -1680.9
	(R-2)	M1= -11339.9	M2= -12747.3	M3= 582.0
	(BR)	M1= -654.6	M2= -1132.4	M3= -270.5
MAX. BR. LOAD	(R-1)	M1= -11902.2	M2= -12873.5	M3= -1680.9
	(R-2)	M1= -11339.9	M2= -12747.3	M3= 582.0
	(BR)	M1= -654.6	M2= -1132.4	M3= -270.5

TABLE 22 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
1	1 - 93	I*= 0.500	4794.52	9075.4	11472.6	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	6594.8	8992.1	19899.	305.		D(1)-S(3)
2	93 - 94	I*= 0.500	4794.52	6594.8	8992.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	5967.4	8364.6	19899.	305.		D(1)+S(3)
3	94 - 2	I*= 0.500	4794.52	5967.4	8364.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	7253.0	9650.2	19899.	305.		D(1)+S(3)
4	2 - 3	I*= 0.500	4794.52	7253.0	21153.5	19899.	305.		D(1)+S(3)
	(300.)	I= 2.586	4794.52	7203.9	21026.7	19899.	305.		D(1)+S(3)
			4794.52	5565.6	16790.1	19899.	305.	FAIL	D(1)+S(3)
5	3 - 4	I*= 0.500	4794.52	5459.6	7856.9	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	3199.0	5596.3	19899.	305.		D(1)+S(3)
6	4 - 5	I*= 0.500	4794.52	3055.1	8426.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.973	4794.52	3421.8	9150.2	19899.	305.		D(1)+S(3)
			4794.52	4105.0	10498.5	19899.	305.		D(1)+S(3)
7	5 - 95	I*= 0.500	4794.52	4105.1	10498.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.973	4794.52	4782.8	11836.0	19899.	305.		D(1)+S(3)
			4794.52	5814.9	13873.0	19899.	305.		D(1)+S(3)
8	95 - 6	I*= 0.500	4794.52	5634.6	8031.9	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	6607.7	9005.0	19899.	305.		D(1)+S(3)
9	6 - 96	I*= 0.500	3549.11	11476.1	13250.6	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	3549.11	10344.5	12119.0	19899.	305.		D(1)-S(3)
10	6 - 97	I*= 0.500	4794.52	6574.1	8971.4	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	7634.5	10031.7	19899.	305.		D(1)-S(3)
11	97 - 98	I*= 0.500	4794.52	7634.5	10031.8	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	8479.5	10876.8	19899.	305.		D(1)-S(3)

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TABLE 23

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
12	98 - 7	I*= 0.500	4794.52	8479.4	10876.7	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	9934.7	12332.0	19899.	305.		D(1)-S(3)
13	7 - 8	I*= 0.500	4794.52	9882.5	12279.7	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	7593.1	9990.4	19899.	305.		D(1)-S(3)
			4794.52	9036.5	11433.8	19899.	305.		D(1)-S(3)
14	8 - 99	I*= 0.500	4794.52	8910.6	11307.9	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	12297.3	14694.6	19899.	305.		D(1)+S(3)
15	99 - 100	I*= 0.500	4794.52	12297.3	14694.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	9372.9	11770.1	19899.	305.		D(1)-S(3)
16	100 - 101	I*= 0.500	4794.52	9372.9	11770.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	9396.5	11793.8	19899.	305.		D(1)-S(3)
17	101 - 9	I*= 0.500	4794.52	9396.5	11793.8	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	9921.8	12319.1	19899.	305.		D(1)-S(3)
18	9 - 103	I*= 0.500	4417.81	22529.2	24738.1	19899.	305.		D(1)-S(3) SEE COMP No. 2
	(300.)	I= 1.000	4417.81	16615.9	18824.8	19899.	305.	FAIL	D(1)-S(3)
19	9 - 102	I*= 0.500	4794.52	12378.4	14775.7	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	12924.6	15321.9	19899.	305.		D(1)-S(3)
20	102 - 10	I*= 0.500	4794.52	12924.6	15321.9	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	13467.3	15864.6	19899.	305.		D(1)-S(3)
21	10 - 11	I*= 0.500	4794.52	13389.0	15786.3	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	9160.5	11557.8	19899.	305.		D(1)-S(3)
			4794.52	11682.7	14080.0	19899.	305.		D(1)-S(3)
22	11 - 104	I*= 0.500	4794.52	11565.8	13963.1	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	12334.8	14732.0	19899.	305.		D(1)+S(3)

TABLE 23 (CONT'D)

STRESS ANALYSIS

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
23	107 - 12	B1= 0.500	1493.60	5356.4	6103.2	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1493.60	6550.7	7297.5	29906.	305.		D(1)-S(3)
24	12 - 13	B1= 1.000	1493.60	6313.8	12733.5	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.780	1493.60	5603.6	11469.2	29906.	305.		D(1)+S(3)
			1493.60	3765.0	8196.0	29906.	305.		D(1)+S(3)
25	13 - 108	B1= 0.500	1493.60	3658.0	4404.8	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.000	1493.60	3495.7	4242.5	29906.	305.		D(1)+S(3)
26	108 - 109	B1= 0.500	1198.63	91983.8	92583.1	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	87027.9	87627.2	29906.	305.	FAIL	D(1)-S(3)
27	109 - 110	B1= 0.500	1198.63	87027.9	87627.2	29906.	305.		D(1)-S(3) SEE COMP NO.
	(300.)	B2= 1.000	1198.63	85881.6	86480.9	29906.	305.	FAIL	D(1)-S(3) 8
28	110 - 111	B1= 0.500	1198.63	85881.6	86480.9	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	85198.6	85797.9	29906.	305.	FAIL	D(1)-S(3)
29	114 - 115	I*= 0.500	1198.63	12592.8	13192.1	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	1198.63	9103.3	9702.6	23925.	305.		D(1)+S(3)
30	115 - 116	I*= 0.500	1198.63	9103.3	9702.6	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	1198.63	4608.8	5208.1	23925.	305.		D(1)+S(3)
31	116 - 117	I*= 0.500	1198.63	4467.9	5067.2	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	1198.63	39.2	638.5	23925.	305.		D(1)-S(3)
32	116 - 118	I*= 0.500	789.00	5769.8	6164.3	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	789.00	4527.7	4922.2	23925.	305.		D(1)+S(3)
33	117 - 119	I*= 0.500	1198.63	39.2	638.5	23925.	305.		D(1)-S(3)
	(300.)	I= 1.000	1198.63	0.0	599.3	23925.	305.		D(1)-S(3)
34	118 - 120	I*= 0.500	789.00	4527.7	4922.2	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	789.00	2133.6	2528.1	23925.	305.		D(1)+S(3)

TABLE 23 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
69	163 - 162	I*= 0.500	4794.52	4768.7	7165.9	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	4181.9	6579.2	19899.	305.		D(1)+S(3)
			4794.52	3679.0	6076.3	19899.	305.		D(1)+S(3)
70	162 - 161	I*= 0.500	4794.52	3679.0	6076.3	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	2643.1	5040.3	19899.	305.		D(1)+S(3)
			4794.52	5990.8	8388.0	19899.	305.		D(1)+S(3)
71	161 - 160	I*= 0.500	4794.52	5990.8	8388.0	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	8071.3	10468.6	19899.	305.		D(1)+S(3)
			4794.52	10853.4	13250.6	19899.	305.		D(1)+S(3)
72	31 - 159	I*= 0.500	4794.52	11544.2	13941.5	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	11983.4	14380.6	19899.	305.		D(1)+S(3)
73	156 - 155	B1= 0.500	1493.60	5977.5	6724.3	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.000	1493.60	7462.6	8209.4	29906.	305.		D(1)+S(3)
74	155 - 32	B1= 0.500	1493.60	7462.6	8209.4	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.000	1493.60	7689.5	8436.3	29906.	305.		D(1)+S(3)
75	32 - 33	B1= 1.000	1493.60	7693.4	15189.5	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.780	1493.60	7941.1	15630.4	29906.	305.		D(1)+S(3)
			1493.60	6834.5	13660.5	29906.	305.		D(1)+S(3)
76	33 - 141	B1= 0.500	1493.60	6752.5	7499.3	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1493.60	5898.7	6645.5	29906.	305.		D(1)-S(3)
77	141 - 142	B1= 0.500	1198.63	82155.1	82754.5	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	77264.0	77863.3	29906.	305.	FAIL	D(1)-S(3) SEE COMP. NO.
78	142 - 143	B1= 0.500	1198.63	77264.0	77863.3	29906.	305.		D(1)-S(3) 9
	(300.)	B2= 1.000	1198.63	76038.7	76638.0	29906.	305.	FAIL	D(1)-S(3)
79	143 - 144	B1= 0.500	1198.63	76038.7	76638.0	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	75427.3	76026.6	29906.	305.	FAIL	D(1)-S(3)

FOR DESIGN CONDITION PRESS= 2500 PSIG

75	12446.66	7941.1	26581.8	24295.	670.	FAIL	2

TABLE 23 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
92	134 - 130	B1= 0.500	1493.60	4716.8	5463.6	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1493.60	3784.1	4530.9	29906.	305.		D(1)+S(3)
93	96 - 36	I*= 0.500	3549.11	10344.6	12119.2	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	3549.11	9753.5	11528.1	19899.	305.		D(1)-S(3)
94	36 - 37	I*= 0.500	3549.11	9755.6	18351.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.699	3549.11	11083.0	20606.6	19899.	305.		D(1)+S(3)
			3549.11	12444.9	22920.7	19899.	305.	FAIL	D(1)+S(3)
95	37 - 166	I*= 0.500	3549.11	11813.2	13587.8	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	3549.11	8916.2	10690.7	19899.	305.		D(1)+S(3)
96	168 - 169	I*= 0.500	0.0	8770.7	8770.7	20559.	213.		D(1)-S(3)
	(0.)	I= 1.000	0.0	7559.5	7559.5	20559.	213.		D(1)-S(3)
97	169 - 170	I*= 0.500	0.0	7559.5	7559.5	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	4436.8	4436.8	21235.	120.		D(1)-S(3)
98	170 - 171	I*= 0.500	0.0	1785.4	1785.4	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1249.9	1249.9	21235.	120.		D(1)-S(3)
99	171 - 172	I*= 0.500	0.0	1249.9	1249.9	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	829.3	829.3	21235.	120.		D(1)-S(3)
100	172 - 173	I*= 0.500	0.0	184.3	184.3	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	10.7	10.7	21235.	120.		D(1)+S(3)
101	173 - 174	I*= 0.500	0.0	48.0	48.0	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.		D(1)-S(3)
102	170 - 175	I*= 0.500	0.0	4458.6	4458.6	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	4072.2	4072.2	21235.	120.		D(1)-S(3)
103	175 - 39	I*= 0.500	0.0	4072.2	4072.2	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	3883.3	3883.3	21235.	120.		D(1)-S(3)

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TABLE 23 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
149	60 - 61	I*= 0.500	4417.81	10675.1	23066.1	19899.	305.		D(1)+S(3)
	(300.)	I= 1.954	4417.81	8890.8	19579.9	19899.	305.		D(1)+S(3)
			4417.81	9372.0	20520.1	19899.	305.	FAIL	D(1)-S(3)
150	61 - 209	I*= 0.500	4417.81	9489.5	11698.4	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4417.81	12697.1	14906.0	19899.	305.		D(1)+S(3)
151	212 - 213	I*= 0.500	0.0	16429.6	16429.6	20559.	213.		D(1)+S(3)
	(0.)	I= 1.000	0.0	9153.3	9153.3	20559.	213.		D(1)-S(3)
152	213 - 62	I*= 0.500	0.0	9153.3	9153.3	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	8583.7	8583.7	21235.	120.		D(1)+S(3)
153	62 - 63	I*= 0.500	0.0	8638.5	16878.2	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	8093.7	15813.6	21235.	120.		D(1)+S(3)
			0.0	8241.6	16102.6	21235.	120.		D(1)+S(3)
154	63 - 64	I*= 0.500	0.0	8199.7	8199.7	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	9627.9	9627.9	21235.	120.		D(1)+S(3)
155	64 - 65	I*= 0.500	0.0	9627.9	18811.1	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	8710.9	17019.5	21235.	120.		D(1)+S(3)
			0.0	6761.3	13210.4	21235.	120.		D(1)-S(3)
156	65 - 66	I*= 0.500	0.0	6748.2	6748.2	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	5643.6	5643.6	21235.	120.		D(1)+S(3)
157	66 - 67	I*= 0.500	0.0	5846.8	11423.7	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	7969.8	15571.6	21235.	120.		D(1)+S(3)
			0.0	9454.3	18472.0	21235.	120.		D(1)+S(3)
158	67 - 214	I*= 0.500	0.0	9395.6	9395.6	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	9632.4	9632.4	21235.	120.		D(1)-S(3)
159	214 - 68	I*= 0.500	0.0	9632.4	9632.4	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	6965.3	6965.3	21235.	120.		D(1)+S(3)

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TABLE 23 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
171	73 - 74	I*= 0.500	0.0	5006.5	10747.9	21235.	120.		D(1)-S(3)
	(0.)	I= 2.147	0.0	2945.1	6322.5	21235.	120.		D(1)+S(3)
			0.0	828.0	1777.6	21235.	120.		D(1)+S(3)
172	74 - 227	I*= 0.500	0.0	828.0	828.0	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	6869.9	6869.9	21235.	120.		D(1)+S(3)
173	227 - 75	I*= 0.500	0.0	6869.9	6869.9	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	22921.3	22921.3	21235.	120.	FAIL	D(1)-S(3)
174	216 - 228	I*= 0.500	0.0	5948.9	5948.9	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	6594.9	6594.9	21235.	120.		D(1)-S(3)
175	228 - 76	I*= 0.500	0.0	6594.9	6594.9	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	5639.6	5639.6	21235.	120.		D(1)-S(3)
176	76 - 77	I*= 0.500	0.0	5425.8	5425.8	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	3162.2	3162.2	21235.	120.		D(1)+S(3)
177	77 - 78	I*= 0.500	0.0	3162.2	6788.7	21235.	120.		D(1)+S(3)
	(0.)	I= 2.147	0.0	2694.5	5784.6	21235.	120.		D(1)+S(3)
			0.0	2292.2	4921.0	21235.	120.		D(1)-S(3)
178	78 - 231	I*= 0.500	0.0	2384.7	2384.7	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	2338.5	2338.5	21235.	120.		D(1)-S(3)
179	231 - 232	I*= 0.500	0.0	2338.5	2338.5	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1269.3	1269.3	21235.	120.		D(1)+S(3)
180	235 - 79	I*= 0.500	0.0	1207.5	1207.5	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	1176.8	1176.8	21235.	120.		D(1)+S(3)
181	79 - 80	I*= 0.500	0.0	1133.1	2432.6	21235.	120.		D(1)-S(3)
	(0.)	I= 2.147	0.0	1029.4	2209.9	21235.	120.		D(1)-S(3)
			0.0	1683.4	3613.9	21235.	120.		D(1)+S(3)

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TABLE 23 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
203	100 - 31	I*= 0.500	4794.52	10853.4	13250.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	11150.6	13547.8	19899.	305.		D(1)+S(3)
			4794.52	11470.1	13867.4	19899.	305.		D(1)+S(3)
204	189 - 51	I*= 0.500	0.0	1184.4	1184.4	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1116.5	1116.5	21235.	120.		D(1)-S(3)
205	200 - 206	I*= 0.500	0.0	2768.4	2768.4	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	2862.1	2862.1	21235.	120.		D(1)+S(3)
206	104 - 105	B1= 0.500	0.0	3201.7	3201.7	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	3834.2	3834.2	29906.	305.		D(1)+S(3)
207	105 - 106	B1= 0.500	0.0	3793.2	3793.2	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.		D(1)+S(3)
208	105 - 107	B1= 0.500	0.0	4023.0	4023.0	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	3614.7	3614.7	29906.	305.		D(1)-S(3)
209	111 - 112	B1= 0.500	0.0	49663.3	49663.3	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	50156.1	50156.1	29906.	305.	FAIL	D(1)-S(3)
210	112 - 113	B1= 0.500	0.0	52686.3	52686.3	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL	D(1)+S(3)
211	112 - 114	B1= 0.500	0.0	11981.1	11981.1	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	7340.5	7340.5	29906.	305.		D(1)+S(3)
212	125 - 126	B1= 0.500	0.0	3821.3	3821.3	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	4847.3	4847.3	29906.	305.		D(1)+S(3)
213	126 - 127	B1= 0.500	0.0	2788.5	2788.5	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.		D(1)+S(3)
214	126 - 128	B1= 0.500	0.0	4519.6	4519.6	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	4001.5	4001.5	29906.	305.		D(1)+S(3)

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TABLE 23 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
215	135 - 136	B1= 0.500	0.0	3002.1	3002.1	29906.	305.	D(1)-S(3)
	(0.)	B2= 1.000	0.0	4316.4	4316.4	29906.	305.	D(1)+S(3)
216	136 - 137	B1= 0.500	0.0	3364.5	3364.5	29906.	305.	D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)-S(3)
217	136 - 138	B1= 0.500	0.0	3837.1	3837.1	29906.	305.	D(1)+S(3)
	(0.)	B2= 1.000	0.0	4057.7	4057.7	29906.	305.	D(1)+S(3)
218	144 - 145	B1= 0.500	0.0	43967.5	43967.5	29906.	305.	D(1)-S(3)
	(0.)	B2= 1.000	0.0	44349.1	44349.1	29906.	305.	FAIL D(1)-S(3)
219	145 - 146	B1= 0.500	0.0	48450.0	48450.0	29906.	305.	D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL D(1)+S(3)
220	145 - 147	B1= 0.500	0.0	10631.0	10631.0	29906.	305.	D(1)+S(3)
	(0.)	B2= 1.000	0.0	6522.2	6522.2	29906.	305.	D(1)+S(3)
221	153 - 154	I*= 0.500	0.0	661.7	661.7	23925.	305.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	23925.	305.	D(1)-S(3)
222	156 - 157	B1= 0.500	0.0	4007.9	4007.9	29906.	305.	D(1)+S(3)
	(0.)	B2= 1.000	0.0	4997.3	4997.3	29906.	305.	D(1)+S(3)
223	157 - 158	B1= 0.500	0.0	4339.4	4339.4	29906.	305.	D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)-S(3)
224	157 - 159	B1= 0.500	0.0	3758.6	3758.6	29906.	305.	D(1)+S(3)
	(0.)	B2= 1.000	0.0	3054.8	3054.8	29906.	305.	D(1)-S(3)
225	166 - 38	I*= 0.500	1421.70	1963.4	2674.2	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	1421.70	2213.1	2923.9	19899.	305.	D(1)+S(3)
226	38 - 167	I*= 0.500	1421.70	394.7	1105.5	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1421.70	0.0	710.9	19899.	305.	D(1)-S(3)

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TABLE 23 (CONT'D)

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                    S T R E S S   A N A L Y S I S

K = 1.200      INDEX= 3      PRESSURE=   -1.      LOADS=    1    3

COMP. NO.     COMP. TYPE        N=   6     DR= 14.000    B1R= 1.000   B1B= 1.000    FAILURE FLAG
                               NA=  95     DB=  6.625    B2R= 3.122   B2B= 3.122
   1          BUTT WELD TEE    NB=  97     TR=  0.438    C1R= 1.500   C1B= 1.500
              PER B16.9        NC=  96     TB=  0.280    C2R= 4.162   C2B= 4.162
                            INDEXO=   3  PRESS=  300.0     IR= 1.562    IB= 1.562
                PRESSURE        MOMENT        CALCULATED          ALLOWABLE
                 STRESS(*)      STRESS          STRESS              STRESS

      BRANCH      3549.1        9112.6         16004.2             19899.0                    D(1)-S(3)
        RUN       4794.5        6550.6         12626.2             19899.0                    D(1)-S(3)

      MAX. RUN LOAD        (R-1)     M1=-136676.7     M2=-270798.4     M3= 282437.8
                           (R-2)     M1=-110323.6     M2=-200560.7     M3= 292542.8
                           (BR )     M1= -25603.5     M2= -74546.2     M3=  17211.7

      MAX. BR. LOAD        (R-1)     M1=-136676.7     M2=-270798.4     M3= 282437.8
                           (R-2)     M1=-110323.6     M2=-200560.7     M3= 292542.8
                           (BR )     M1= -25603.5     M2= -74546.2     M3=  17211.7

COMP. NO.     COMP. TYPE        N=   9     DR= 14.000    B1R= 1.000   B1B= 1.000    FAILURE FLAG
                               NA= 101     DB= 10.750    B2R= 3.122   B2B= 3.122
   2          BUTT WELD TEE    NB= 102     TR=  0.438    C1R= 1.500   C1B= 1.500        FAIL
              PER B16.9        NC= 103     TB=  0.365    C2R= 4.162   C2B= 4.162
                            INDEXO=   3  PRESS=  300.0     IR= 1.562    IB= 1.562
                PRESSURE        MOMENT        CALCULATED          ALLOWABLE
                 STRESS(*)      STRESS          STRESS              STRESS

      BRANCH      4417.8       21595.9         35931.6             19899.0                    D(1)+S(3)
        RUN       4794.5       12145.3         21362.5             19899.0                    D(1)+S(3)

      MAX. RUN LOAD        (R-1)     M1=  -2002.4     M2= 487557.6     M3= 270466.5
                           (R-2)     M1=  91389.5     M2= 480906.0     M3= 592370.0
                           (BR )     M1=-161005.6     M2= 509670.7     M3= 400136.0

      MAX. BR. LOAD        (R-1)     M1=  -2002.4     M2= 487557.6     M3= 270466.5
                           (R-2)     M1=  91389.5     M2= 480906.0     M3= 592370.0
                           (BR )     M1=-161005.6     M2= 509670.7     M3= 400136.0
```

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TABLE 23 (CONT'D)

STRESS ANALYSIS

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173	
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898	
		INDEXO= 3	PRLSS= 0.0	IR= 1.087	IB= 1.087	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	685.9	745.7	21234.8	D(1)+S(3)
RUN	0.0	419.1	455.7	21234.8	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -1408.5	M2= 161.3	M3= 17.8
	(R-2)	M1= -787.0	M2= 597.3	M3= -383.1
	(BR)	M1= -429.4	M2= 336.5	M3= -2255.1
MAX. BR. LOAD	(R-1)	M1= -1408.5	M2= 161.3	M3= 17.8
	(R-2)	M1= -787.0	M2= 597.3	M3= -383.1
	(BR)	M1= -429.4	M2= 336.5	M3= -2255.1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125	
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	1198.6	83296.9	94907.6	29906.2		D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2		D(1)-S(3)
TOTAL			95202.6	29906.2	FAIL	

MAX. RUN LOAD	(R-1)	M1= 175878.7	M2= 411285.8	M3= 310376.0
	(R-2)	M1= 94834.0	M2= 414253.3	M3= 359979.6
	(BR)	M1= 237068.3	M2= 20213.9	M3= 101512.8
MAX. BR. LOAD	(R-1)	M1= -81939.9	M2=-417209.2	M3=-332984.4
	(R-2)	M1=-177793.7	M2=-409946.8	M3=-337371.2
	(BR)	M1=-248047.4	M2= -18596.9	M3=-101512.8

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TABLE 23 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	1198.6	74113.2	84576.0	29906.2		D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2		D(1)-S(3)
TOTAL			84871.0	29906.2	FAIL	

(10)

MAX. RUN LOAD	(R-1)	M1= 239003.0	M2= 12463.6	M3= 900813.4
	(R-2)	M1= 246254.2	M2= 70453.1	M3= 918780.5
	(BR)	M1= 158958.9	M2=-138657.0	M3= 98150.6
MAX. BR. LOAD	(R-1)	M1=-236203.4	M2= -83359.1	M3=-913492.2
	(R-2)	M1=-240541.0	M2= -410.6	M3=-906101.7
	(BR)	M1=-167461.8	M2= 139510.0	M3= -98150.6

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 3	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	4882.3	5276.8	23925.0	D(1)+S(3)
RUN	1198.6	4021.8	4621.1	23925.0	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -8075.7	M2= -10044.9	M3= -1464.4
	(R-2)	M1= -7557.6	M2= -9962.7	M3= 582.0
	(BR)	M1= -541.1	M2= -915.8	M3= -225.1
MAX. BR. LOAD	(R-1)	M1= -8075.7	M2= -10044.9	M3= -1464.4
	(R-2)	M1= -7557.6	M2= -9962.7	M3= 582.0
	(BR)	M1= -541.1	M2= -915.8	M3= -225.1

TABLE 23 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
23	107 - 12	B1= 0.500	1493.60	3102.6	3849.4	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	4130.5	4377.3	29906.	305.	D(1)-S(3)
24	12 - 13	B1= 1.000	1493.60	3920.3	8472.5	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.780	1493.60	3249.7	7278.7	29906.	305.	D(1)+S(3)
			1493.60	2242.0	5484.8	29906.	305.	D(1)+S(3)
25	13 - 108	B1= 0.500	1493.60	2151.3	2898.1	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	2268.1	3014.9	29906.	305.	D(1)+S(3)
26	108 - 109	B1= 0.500	1198.63	27553.9	28153.2	29906.	305.	D(1)-S(3) SEE COMP. No. 8
	(300.)	B2= 1.000	1198.63	26106.5	26705.9	29906.	305.	D(1)-S(3)
27	109 - 110	B1= 0.500	1198.63	26106.5	26705.9	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1198.63	26188.8	26788.1	29906.	305.	D(1)-S(3)
28	110 - 111	B1= 0.500	1198.63	26188.8	26788.1	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1198.63	26911.2	27510.5	29906.	305.	D(1)-S(3)
29	114 - 115	I*= 0.500	1198.63	9813.4	10412.7	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	1198.63	7076.2	7675.5	23925.	305.	D(1)+S(3)
30	115 - 116	I*= 0.500	1198.63	7076.2	7675.5	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	1198.63	3550.0	4149.3	23925.	305.	D(1)+S(3)
31	116 - 117	I*= 0.500	1198.63	3528.1	4127.4	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	1198.63	24.2	623.5	23925.	305.	D(1)-S(3)
32	116 - 118	I*= 0.500	789.00	2136.4	2530.9	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	789.00	1688.9	2083.4	23925.	305.	D(1)+S(3)
33	117 - 119	I*= 0.500	1198.63	24.2	623.5	23925.	305.	D(1)-S(3)
	(300.)	I= 1.000	1198.63	0.0	599.3	23925.	305.	D(1)-S(3)
34	118 - 120	I*= 0.500	789.00	1688.9	2083.4	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	789.00	829.6	1224.1	23925.	305.	D(1)+S(3)

FOR DESIGN CONDITION PRESS = 2500 PSIG

27	9988.58	26188.8	31183.1	24295	670	FAIL	(1)

TABLE 24

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                    S T R E S S   A N A L Y S I S

K = 1.200      INDEX= 3      PRESSURE=   -1.      LOADS=   1    3

COMP. NO.     COMP. TYPE        N=   6     DR= 14.000    B1R= 1.000   B1B= 1.000    FAILURE FLAG
                               NA=  95     DB=  6.625    B2R= 3.122   B2B= 3.122
   1          BUTT WELD TEE    NB=  97     TR=  0.438    C1R= 1.500   C1B= 1.500
              PER B16.9        NC=  96     TB=  0.280    C2R= 4.162   C2B= 4.162
                            INDEXO=   3  PRESS=  300.0     IR= 1.562    IB= 1.562
                PRESSURE        MOMENT        CALCULATED          ALLOWABLE
                 STRESS(*)      STRESS          STRESS              STRESS

     BRANCH      3549.1         9427.3         16495.5             19899.0                          D(1)+S(3)
       RUN       4794.5         2393.6          6134.9             19899.0                          D(1)+S(3)

     MAX. RUN LOAD        (R-1)      M1=  49537.1      M2=  77187.0      M3= -70575.0
                          (R-2)      M1=  27006.6      M2= 129838.0      M3= -73133.9
                          (BR )      M1= -45976.8      M2=  69490.8      M3=  -4830.4

     MAX. BR. LOAD        (R-1)      M1=  49537.1      M2=  77187.0      M3= -70575.0
                          (R-2)      M1=  27006.6      M2= 129838.0      M3= -73133.9
                          (BR )      M1= -45976.8      M2=  69490.8      M3=  -4830.4

COMP. NO.     COMP. TYPE        N=   9     DR= 14.000    B1R= 1.000   B1B= 1.000    FAILURE FLAG
                               NA= 101     DB= 10.750    B2R= 3.122   B2B= 3.122
   2          BUTT WELD TEE    NB= 102     TR=  0.438    C1R= 1.500   C1B= 1.500        FAIL
              PER B16.9        NC= 103     TB=  0.365    C2R= 4.162   C2B= 4.162
                            INDEXO=   3  PRESS=  300.0     IR= 1.562    IB= 1.562
                PRESSURE        MOMENT        CALCULATED          ALLOWABLE
                 STRESS(*)      STRESS          STRESS              STRESS

     BRANCH      4417.8        11753.7         20562.7             19899.0                          D(1)+S(3)
       RUN       4794.5         6142.9         11989.6             19899.0                          D(1)+S(3)

     MAX. RUN LOAD        (R-1)      M1= -74583.8      M2= 210176.8      M3=  97289.3
                          (R-2)      M1= -42750.4      M2= 251671.3      M3= 293089.1
                          (BR )      M1= -23449.0      M2= 187899.1      M3= 310152.9

     MAX. BR. LOAD        (R-1)      M1= -74583.8      M2= 210176.8      M3=  97289.3
                          (R-2)      M1= -42750.4      M2= 251671.3      M3= 293089.1
                          (BR )      M1= -23449.0      M2= 187899.1      M3= 310152.9
```

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TABLE 24 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173	
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898	
		INDEXO= 3	PRESS= 0.0	IR= 1.087	IB= 1.087	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	973.1	1058.0	21234.8	D(1)+S(3)
RUN	0.0	570.1	619.8	21234.8	D(1)-S(3)

MAX. RUN LOAD	(R-1)	M1= 852.3	M2= -615.5	M3= 1175.9
	(R-2)	M1= 1689.1	M2= -615.5	M3= 698.0
	(BR)	M1= 1430.9	M2= -1498.5	M3= 2462.9
MAX. BR. LOAD	(R-1)	M1= -1577.9	M2= 700.8	M3= -569.4
	(R-2)	M1= -1165.7	M2= 786.1	M3= -977.5
	(BR)	M1= -1228.6	M2= 1242.6	M3= -2789.8

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125	
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	1198.6	25484.9	29869.2	29906.2		D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2		D(1)-S(3)
TOTAL			30164.1	29906.2	FAIL	

3

MAX. RUN LOAD	(R-1)	M1= 195672.3	M2= 245471.1	M3= 157298.8
	(R-2)	M1= 104418.2	M2= 249012.1	M3= 179849.2
	(BR)	M1= 67398.1	M2= 18335.1	M3= 18273.6
MAX. BR. LOAD	(R-1)	M1=-101733.4	M2=-251394.6	M3=-179907.2
	(R-2)	M1=-187378.0	M2=-244705.6	M3=-157240.8
	(BR)	M1= -78377.2	M2= -16718.1	M3= -18273.6

TABLE 24 (CONT'D)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	1198.6	15240.2	18343.9	29906.2	D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2	D(1)-S(3)
TOTAL			18638.8	29906.2	

MAX. RUN LOAD	(R-1)	M1= 193164.7	M2= 27930.5	M3= 205904.0
	(R-2)	M1= 196741.4	M2= 96931.9	M3= 215567.3
	(BR)	M1= 35309.2	M2= -18577.9	M3= 10915.2
MAX. BR. LOAD	(R-1)	M1=-190365.2	M2= -98826.0	M3=-218582.8
	(R-2)	M1=-191038.1	M2= -26889.5	M3=-202888.5
	(BR)	M1= -43812.0	M2= 19430.9	M3= -10915.2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 3	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	1772.7	2167.2	23925.0	D(1)+S(3)
RUN	1198.6	3026.4	3625.7	23925.0	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -8712.7	M2= -4314.3	M3= -868.9
	(R-2)	M1= -8643.0	M2= -4254.8	M3= 582.0
	(BR)	M1= -207.8	M2= -320.4	M3= -100.3
MAX. BR. LOAD	(R-1)	M1= -8712.7	M2= -4314.3	M3= -868.9
	(R-2)	M1= -8643.0	M2= -4254.8	M3= 582.0
	(BR)	M1= -207.8	M2= -320.4	M3= -100.3

FOR DESIGN CONDITION PRESS = 2500PSIG

9	BRANCH	9988.6	15240.2	27133.8	24295	
	RUN	12446.7	0.0	12446.7	24295	
				29591.9	24295	FAIL

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TABLE 24 (CONT'D)

STRESS ANALYSIS

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173	
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898	
		INDEXO= 3	PRESS= 0.0	IR= 1.087	IB= 1.087	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	359.1	390.4	21234.8	D(1)+S(3)
RUN	0.0	248.8	270.5	21234.8	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -803.8	M2= 248.8	M3= 16.7
	(R-2)	M1= -259.9	M2= 345.1	M3= -427.2
	(BR)	M1= -346.8	M2= 314.3	M3= -1120.8
MAX. BR. LOAD	(R-1)	M1= -803.8	M2= 248.8	M3= 16.7
	(R-2)	M1= -259.9	M2= 345.1	M3= -427.2
	(BR)	M1= -346.8	M2= 314.3	M3= -1120.8

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125	
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	1198.6	17449.9	20829.8	29906.2	D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2	D(1)-S(3)
TOTAL			21124.8	29906.2	

MAX. RUN LOAD	(R-1)	M1= 127764.2	M2= 129479.6	M3= 72827.2
	(R-2)	M1= 36534.3	M2= 132421.4	M3= 97148.9
	(BR)	M1= 43512.3	M2= 8205.7	M3= 12446.7
MAX. BR. LOAD	(R-1)	M1= -33825.4	M2=-135403.0	M3= -95435.6
	(R-2)	M1=-119194.0	M2=-128115.0	M3= -74540.5
	(BR)	M1= -54491.4	M2= -6588.7	M3= -12446.7

FOR DESIGN CONDITION PRESS = 2500 PSIG

	BRANCH	9988.6	17449.9	29619.7	24295.	
8	RUN	12446.7	0.0	12446.7	24295.	
				32077.8	24295.	FAIL

1

TABLE 25

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	1198.6	14583.4	17805.0	29906.2	D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2	D(1)-S(3)
TOTAL			17900.0	29906.2	

MAX. RUN LOAD	(R-1)	M1= 129502.7	M2= 10508.8	M3= 133262.0
	(R-2)	M1= 131527.4	M2= 80057.5	M3= 146295.0
	(BR)	M1= 30269.9	M2= -24201.4	M3= 9020.8
MAX. BR. LOAD	(R-1)	M1=-126703.1	M2= -81404.3	M3=-145940.7
	(R-2)	M1=-125824.1	M2= -10015.0	M3=-133616.3
	(BR)	M1= -38772.7	M2= 25054.4	M3= -9020.8

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.862	
		INDEXO= 3	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	1103.7	1498.2	23925.0	D(1)+S(3)
RUN	1198.6	1356.6	1955.9	23925.0	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -3225.0	M2= -2857.4	M3= -761.0
	(R-2)	M1= -3176.3	M2= -2816.2	M3= 582.0
	(BR)	M1= -96.1	M2= -212.4	M3= -77.8
MAX. BR. LOAD	(R-1)	M1= -3225.0	M2= -2857.4	M3= -761.0
	(R-2)	M1= -3176.3	M2= -2816.2	M3= 582.0
	(BR)	M1= -96.1	M2= -212.4	M3= -77.8

FOR DESIGN CONDITION PRESS= 2500 PSIG

	BRANCH	9988.6	14583.4	26394.9	24295.	
9	RUN	12446.7	0.0	12446.7	24295.	
				28852.9	24295.	FAIL

(2)

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TABLE 25 (CONT'D)

8. REFERENCES

1. NRC Letter, R. J. Bosnak (NRC) to J. O. Bates (ETEC), "Benchmark Verification of the ETEC SAP V, Rev. ATO Computer Code" dated March 11, 1980.

2. Enclosures to TVA Letter, L. M. Mills (TVA) to L. J. Auge (ETEC), No Title, dated February 21, 1980 (DRF-0815).

3. Enclosures to TVA Letter, L. M. Mills (TVA) to L. J. Auge (ETEC), No Title, dated June 17, 1980 (DRF-2747).

4. "TPIPE Decay Heat Removal Letdown To Containment, Spectral Data". Transmitted to ETEC by TVA at Bellefonte Meeting of 7/26/80.

A P P E N D I C E S

SAP V, Rev. ATO Computer Outputs

A P P E N D I X A

COMPUTER JOB NO. 2039

Load Case 1: Weight + Design Pressure

Load Case 2: Design Thermal Expansion

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 GGGGGGGGGG
GGGGGGGGGGGG
GG        GG
GG
GG
GG
GG      GGGGG
GG      GGGGG
GG        GG
GG        GG
GGGGGGGGGGGG
 GGGGGGGGGG

FFFFFFFFFFFF  TTTTTTTTTTTT    00000000     66666666666  FFFFFFFFFFFF    00000000      00000000        11
FFFFFFFFFFFF  TTTTTTTTTTTT   0000000000   666666666666  FFFFFFFFFFFF   0000000000    0000000000      111
FF                TT       00         00  66           FF            00         00  00         00    1111
FF                TT       00         00  66           FF            00         00  00         00      11
FF                TT       00         00  66           FF            00         00  00         00      11
FFFFFFF           TT       00         00  66666666666  FFFFFFF       00         00  00         00      11
FFFFFFF           TT       00         00  666666666666 FFFFFFF       00         00  00         00      11
FF                TT       00         00  66        66 FF            00         00  00         00      11
FF                TT       00         00  66        66 FF            00         00  00         00      11
FF                TT       00         00  66        66 FF            00         00  00         00      11
FF                TT        0000000000   666666666666 FF             0000000000    0000000000    1111111111
FF                TT         00000000     6666666666  FF              00000000      00000000     1111111111

                JOBNAME  WSS14RJP            JOB NUMBER  2039
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 SSSSSSSSSS     AAAAAAAAAA    PPPPPPPPPPP                    VV         VV
SSSSSSSSSSSS   AAAAAAAAAAAA   PPPPPPPPPPPP                   VV         VV
SS        SS   AA        AA   PP        PP                    VV       VV
SS             AA        AA   PP        PP                    VV       VV
SSS            AA        AA   PP        PP                     VV     VV
 SSSSSSSSS     AAAAAAAAAAAA   PPPPPPPPPPPP                    VV     VV
  SSSSSSSSS    AAAAAAAAAAAA   PPPPPPPPPPP                      VV   VV
         SSS   AA        AA   PP                               VV   VV
          SS   AA        AA   PP                                VVVV
SS        SS   AA        AA   PP                                VVVV
SSSSSSSSSSSS   AA        AA   PP                                 VV
 SSSSSSSSSS    AA        AA   PP                                 VV
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USC VERSION JULY 4, 1976

10/01/80 18.140 HOURS

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

C O N T R O L I N F O R M A T I O N

```
PIPE STRESS OPTION CODE  =    3
NUMBER OF NODAL POINTS   =  311
NUMBER OF ELEMENT TYPES  =    3
NUMBER OF LOAD CASES     =    2
NUMBER OF FREQUENCIES    =    1
ANALYSIS CODE (NDYN)     =    0
  EQ.0,  STATIC
  EQ.1,  MODAL EXTRACTION
  EQ.2,  FORCED RESPONSE
  EQ.3,  RESPONSE SPECTRUM
  EQ.4,  DIRECT INTEGRATION
  EQ.5,  FREQUENCY RESPONSE
SOLUTION MODE (MODEX)    =    0
  EQ.0,  EXECUTION
  EQ.1,  DATA CHECK
NUMBER OF SUBSPACE
ITERATION VECTORS (NAD)  =    0
EQUATIONS PER BLOCK      =    0
TAPE10 SAVE FLAG (N10SV) =    0
GRAVITATIONAL CONSTANT   =  386.40
TOTAL BLANK COMMON (MTOT)=85000
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BANDWIDTH MINIMIZATION IS REQUESTED

REQUIRED BLANK COMMON FOR THIS STEP= 3733

NODAL POINT INPUT DATA

NODE	BOUNDARY CONDITION CODES						NODAL POINT COORDINATES				
NUMBER	X	Y	Z	XX	YY	ZZ	X	Y	Z		T
1	1	1	1	1	1	1	-1437.236	7482.000	861.256	0	350.000
2	0	0	0	0	0	0	-1463.281	7482.000	764.060	0	350.000
3	0	0	0	0	0	0	-1466.904	7496.000	750.537	0	350.000
4	0	0	0	0	0	0	-1466.904	7514.000	750.537	0	350.000
5	0	0	0	0	0	0	-1461.495	7528.849	747.607	0	350.000
6	0	0	0	0	0	0	-1438.764	7535.000	735.300	0	350.000
7	0	0	0	0	0	0	-1393.166	7535.000	710.612	0	350.000
8	0	0	0	0	0	0	-1294.749	7535.000	637.227	0	350.000
9	0	0	0	0	0	0	-1214.175	7535.000	556.653	0	350.000
10	0	0	0	0	0	0	-1201.448	7535.000	543.926	0	350.000
11	0	0	0	0	0	0	-1154.000	7535.000	429.375	0	350.000
12	0	0	0	0	0	0	-1154.000	7535.000	361.000	0	670.000
13	0	0	0	0	0	0	-1175.000	7535.000	340.000	0	670.000
14	0	0	0	0	0	0	-1329.000	7535.000	340.000	0	670.000
15	0	0	0	0	0	0	-1329.000	7535.000	264.000	0	670.000
16	0	0	0	0	0	0	-1350.000	7535.000	243.000	0	670.000
17	0	0	0	0	0	0	-1443.302	7535.000	243.000	0	670.000
18	0	0	0	0	0	0	-1458.151	7535.000	249.151	0	670.000
19	0	0	0	0	0	0	-1469.849	7535.000	260.849	0	670.000
20	0	0	0	0	0	0	-1484.698	7535.000	267.000	0	670.000
21	0	0	0	0	0	0	-1539.000	7535.000	267.000	0	670.000
22	0	0	0	0	0	0	-1560.000	7554.734	259.818	0	670.000
23	0	0	0	0	0	0	-1560.000	7587.623	247.847	0	670.000
24	1	1	1	1	1	1	-1926.644	7482.000	846.000	0	350.000
25	0	0	0	0	0	0	-1899.060	7482.000	758.284	0	350.000
26	0	0	0	0	0	0	-1893.625	7503.000	738.000	0	350.000
27	0	0	0	0	0	0	-1893.625	7514.000	738.000	0	350.000

28	0	0	0	0	0	0	-1872.625	7535.000	738.000	0	350.000
29	0	0	0	0	0	0	-1861.625	7535.000	738.000	0	350.000
30	0	0	0	0	0	0	-1596.000	7535.000	738.000	0	350.000
31	0	0	0	0	0	0	-1311.743	7535.000	620.256	0	350.000
32	0	0	0	0	0	0	-1244.942	7535.000	553.505	0	670.000
33	0	0	0	0	0	0	-1244.942	7535.000	523.807	0	670.000
34	0	0	0	0	0	0	-1322.849	7535.000	445.901	0	670.000
35	0	0	0	0	0	0	-1329.000	7535.000	431.052	0	670.000
36	0	0	0	0	0	0	-1431.433	7535.000	748.801	0	350.000
37	0	0	0	0	0	0	-1427.158	7544.000	756.715	0	350.000
38	0	0	0	0	0	0	-1427.158	7659.000	756.715	0	350.000
39	0	0	0	0	0	0	-1495.261	7659.000	771.191	0	350.000
40	0	0	0	0	0	0	-1504.064	7650.000	773.062	0	350.000
41	0	0	0	0	0	0	-1504.064	7643.000	773.062	0	350.000
42	0	0	0	0	0	0	-1504.064	7634.000	764.062	0	350.000
43	0	0	0	0	0	0	-1504.064	7634.000	747.625	0	350.000
44	0	0	0	0	0	0	-1513.064	7634.000	738.625	0	350.000
45	0	0	0	0	0	0	-1708.655	7634.000	738.625	0	350.000
46	0	0	0	0	0	0	-1711.286	7634.000	738.232	0	350.000
47	0	0	0	0	0	0	-2072.457	7634.000	627.810	0	350.000
48	0	0	0	0	0	0	-2079.306	7634.000	623.405	0	350.000
49	0	0	0	0	0	0	-2190.763	7634.000	497.408	0	350.000
50	0	0	0	0	0	0	-2189.468	7634.000	476.235	0	350.000
51	0	0	0	0	0	0	-2184.973	7634.000	472.258	0	350.000
52	0	0	0	0	0	0	-2173.739	7619.000	462.319	0	350.000
53	0	0	0	0	0	0	-2173.739	7615.000	462.319	0	350.000
54	0	0	0	0	0	0	-1861.625	7659.000	738.000	0	350.000
55	0	0	0	0	0	0	-1851.300	7659.000	704.230	0	350.000
56	0	0	0	0	0	0	-1857.276	7659.000	692.992	0	350.000
57	0	0	0	0	0	0	-2042.798	7659.000	636.271	0	350.000
58	0	0	0	0	0	0	-2051.405	7650.000	633.640	0	350.000
59	0	0	0	0	0	0	-2051.519	7634.000	634.211	0	350.000
60	0	0	0	0	0	0	-1214.175	7557.000	556.653	0	350.000
61	0	0	0	0	0	0	-1208.556	7572.000	542.745	0	350.000
62	0	0	0	0	0	0	-1176.727	7572.000	464.006	0	300.000
63	0	0	0	0	0	0	-1162.819	7572.000	454.625	0	300.000
64	0	0	0	0	0	0	-1087.875	7572.000	454.625	0	300.000
65	0	0	0	0	0	0	-1072.875	7587.000	454.625	0	300.000
66	0	0	0	0	0	0	-1072.875	7617.000	454.625	0	300.000
67	0	0	0	0	0	0	-1065.375	7632.000	441.635	0	300.000
68	0	0	0	0	0	0	-982.135	7632.000	297.481	0	300.000
69	0	0	0	0	0	0	-980.125	7632.000	289.981	0	300.000
70	0	0	0	0	0	0	-980.125	7632.000	250.000	0	300.000
71	0	0	0	0	0	0	-957.397	7626.728	250.000	0	300.000
72	0	0	0	0	0	0	-952.125	7614.000	250.000	0	300.000
73	0	0	0	0	0	0	-952.125	7500.000	250.000	0	300.000
74	0	0	0	0	0	0	-935.131	7482.000	255.934	0	300.000
75	1	1	1	1	1	1	-842.610	7482.000	288.244	0	300.000
76	0	0	0	0	0	0	-1012.125	7632.000	250.000	0	300.000
77	0	0	0	0	0	0	-1038.000	7632.000	250.000	0	300.000
78	0	0	0	0	0	0	-1056.000	7650.000	250.000	0	300.000
79	0	0	0	0	0	0	-1056.000	7914.000	250.000	0	300.000
80	0	0	0	0	0	0	-1056.000	7932.000	232.000	0	300.000
81	1	1	1	1	1	1	-1056.000	7932.000	219.000	0	300.000
82	0	0	0	0	0	0	-1012.125	7500.000	250.000	0	300.000
83	0	0	0	0	0	0	-1006.471	7494.000	247.992	0	300.000
84	0	0	0	0	0	0	-989.654	7494.000	242.008	0	300.000
85	0	0	0	0	0	0	-984.000	7488.000	240.000	0	300.000
86	0	0	0	0	0	0	-984.000	7440.000	240.000	0	300.000
87	0	0	0	0	0	0	-975.632	7440.000	241.757	0	300.000

88	0	0	0	0	0	0	-973.875	7440.000	246.000	0	300.000
89	1	1	1	1	1	1	-973.875	7440.000	261.000	0	300.000
90	0	0	0	0	0	0	-992.366	7440.000	238.243	0	300.000
91	0	0	0	0	0	0	-994.125	7440.000	234.000	0	300.000
92	1	1	1	1	1	1	-994.125	7440.000	219.000	0	300.000
93	0	0	0	0	0	0	-1445.680	7482.000	829.743	0	350.000
94	0	0	0	0	0	0	-1458.103	7482.000	783.378	0	350.000
95	0	0	0	0	0	0	-1448.437	7535.000	740.537	0	350.000
96	0	0	0	0	0	0	-1434.300	7535.000	743.544	0	350.000
97	0	0	0	0	0	0	-1429.091	7535.000	730.063	0	350.000
98	0	0	0	0	0	0	-1421.508	7535.000	725.956	0	350.000
99	0	0	0	0	0	0	-1263.710	7535.000	606.188	0	350.000
100	0	0	0	0	0	0	-1244.335	7535.000	586.813	0	350.000
101	0	0	0	0	0	0	-1221.953	7535.000	564.431	0	350.000
102	0	0	0	0	0	0	-1206.397	7535.000	548.875	0	350.000
103	0	0	0	0	0	0	-1214.175	7545.125	556.653	0	350.000
104	0	0	0	0	0	0	-1154.000	7535.000	421.000	0	670.000
105	0	0	0	0	0	0	-1154.000	7535.000	400.000	0	670.000
106	0	0	0	0	0	0	-1151.750	7561.750	400.000	0	670.000
107	0	0	0	0	0	0	-1154.000	7535.000	379.000	0	670.000
108	0	0	0	0	0	0	-1183.000	7535.000	340.000	0	670.000
109	0	0	0	0	0	0	-1183.000	7535.000	333.000	0	670.000
110	0	0	0	0	0	0	-1183.000	7535.000	330.000	0	670.000
111	0	0	0	0	0	0	-1183.000	7535.000	325.250	0	670.000
112	0	0	0	0	0	0	-1183.000	7535.000	319.250	0	670.000
113	0	0	0	0	0	0	-1184.650	7562.000	317.690	0	670.000
114	0	0	0	0	0	0	-1183.000	7535.000	313.250	0	670.000
115	0	0	0	0	0	0	-1183.000	7535.000	310.625	0	350.000
116	0	0	0	0	0	0	-1183.000	7535.000	307.250	0	350.000
117	0	0	0	0	0	0	-1183.000	7535.000	303.875	0	350.000
118	0	0	0	0	0	0	-1183.000	7532.375	307.250	0	350.000
119	0	0	0	0	0	0	-1183.000	7535.000	296.250	0	350.000
120	0	0	0	0	0	0	-1183.000	7527.000	307.250	0	350.000
121	0	0	0	0	0	0	-1183.000	7523.063	304.688	0	350.000
122	0	0	0	0	0	0	-1193.000	7535.000	340.000	0	670.000
123	0	0	0	0	0	0	-1212.000	7535.000	340.000	0	670.000
124	0	0	0	0	0	0	-1260.000	7535.000	340.000	0	670.000
125	0	0	0	0	0	0	-1270.000	7535.000	340.000	0	670.000
126	0	0	0	0	0	0	-1291.000	7535.000	340.000	0	670.000
127	0	0	0	0	0	0	-1291.000	7561.750	337.750	0	670.000
128	0	0	0	0	0	0	-1312.000	7535.000	340.000	0	670.000
129	0	0	0	0	0	0	-1318.000	7535.000	340.000	0	670.000
130	0	0	0	0	0	0	-1329.000	7535.000	351.000	0	670.000
131	0	0	0	0	0	0	-1329.000	7535.000	329.000	0	670.000
132	0	0	0	0	0	0	-1365.000	7535.000	243.000	0	670.000
133	0	0	0	0	0	0	-1500.000	7535.000	267.000	0	670.000
134	0	0	0	0	0	0	-1329.000	7535.000	368.000	0	670.000
135	0	0	0	0	0	0	-1329.000	7535.000	383.000	0	670.000
136	0	0	0	0	0	0	-1329.000	7535.000	404.000	0	670.000
137	0	0	0	0	0	0	-1330.591	7561.750	405.591	0	670.000
138	0	0	0	0	0	0	-1329.000	7535.000	425.000	0	670.000
139	0	0	0	0	0	0	-1292.937	7535.000	475.813	0	670.000
140	0	0	0	0	0	0	-1258.996	7535.000	509.754	0	670.000
141	0	0	0	0	0	0	-1250.599	7535.000	518.150	0	670.000
142	0	0	0	0	0	0	-1245.649	7535.000	513.200	0	670.000
143	0	0	0	0	0	0	-1243.528	7535.000	511.079	0	670.000
144	0	0	0	0	0	0	-1240.169	7535.000	507.720	0	670.000
145	0	0	0	0	0	0	-1235.926	7535.000	503.477	0	670.000
146	0	0	0	0	0	0	-1235.990	7562.000	502.310	0	670.000
147	0	0	0	0	0	0	-1231.683	7535.000	499.235	0	670.000

148	0	0	0	0	0	0	-1229.827	7535.000	497.379	0	350.000
149	0	0	0	0	0	0	-1227.441	7535.000	494.993	0	350.000
150	0	0	0	0	0	0	-1225.055	7535.000	492.607	0	350.000
151	0	0	0	0	0	0	-1227.441	7532.375	494.993	0	350.000
152	0	0	0	0	0	0	-1219.663	7535.000	487.215	0	350.000
153	0	0	0	0	0	0	-1227.441	7527.000	494.993	0	350.000
154	0	0	0	0	0	0	-1225.629	7523.063	493.181	0	350.000
155	0	0	0	0	0	0	-1251.306	7535.000	559.869	0	670.000
156	0	0	0	0	0	0	-1278.883	7535.000	587.446	0	670.000
157	0	0	0	0	0	0	-1293.732	7535.000	601.995	0	670.000
158	0	0	0	0	0	0	-1292.141	7561.750	603.586	0	670.000
159	0	0	0	0	0	0	-1308.581	7535.000	617.144	0	670.000
160	0	0	0	0	0	0	-1318.323	7535.000	626.688	0	350.000
161	0	0	0	0	0	0	-1373.363	7535.000	670.719	0	350.000
162	0	0	0	0	0	0	-1445.029	7535.000	708.938	0	350.000
163	0	0	0	0	0	0	-1461.269	7535.000	714.750	0	350.000
164	0	0	0	0	0	0	-1472.123	7535.000	718.438	0	350.000
165	0	0	0	0	0	0	-1534.062	7535.000	733.200	0	350.000
166	0	0	0	0	0	0	-1427.158	7652.000	756.715	0	350.000
167	0	0	0	0	0	0	-1427.525	7669.000	756.793	0	350.000
168	0	0	0	0	0	0	-1434.983	7659.000	758.378	0	350.000
169	0	0	0	0	0	0	-1447.699	7659.000	761.081	0	350.000
170	0	0	0	0	0	0	-1483.524	7659.000	768.696	0	350.000
171	0	0	0	0	0	0	-1483.524	7655.688	768.696	0	350.000
172	0	0	0	0	0	0	-1483.524	7653.000	768.696	0	350.000
173	0	0	0	0	0	0	-1483.524	7647.875	768.696	0	350.000
174	0	0	0	0	0	0	-1483.524	7641.125	768.696	0	350.000
175	0	0	0	0	0	0	-1489.393	7659.000	769.943	0	350.000
176	0	0	0	0	0	0	-1504.064	7647.000	773.062	0	350.000
177	0	0	0	0	0	0	-1566.000	7634.000	738.625	0	350.000
178	0	0	0	0	0	0	-1638.250	7634.000	738.625	0	350.000
179	0	0	0	0	0	0	-1813.032	7634.000	707.125	0	350.000
180	0	0	0	0	0	0	-1933.849	7634.000	670.188	0	350.000
181	0	0	0	0	0	0	-1943.457	7634.000	667.250	0	350.000
182	0	0	0	0	0	0	-2036.696	7634.000	638.743	0	350.000
183	0	0	0	0	0	0	-2043.390	7634.000	636.696	0	350.000
184	0	0	0	0	0	0	-2051.519	7641.500	634.211	0	350.000
185	0	0	0	0	0	0	-2059.648	7634.000	631.726	0	350.000
186	0	0	0	0	0	0	-2132.500	7634.000	563.280	0	350.000
187	0	0	0	0	0	0	-2139.563	7634.000	555.297	0	350.000
188	0	0	0	0	0	0	-2146.188	7634.000	547.808	0	350.000
189	0	0	0	0	0	0	-2187.250	7634.000	474.250	0	350.000
190	0	0	0	0	0	0	-1680.000	7535.000	738.000	0	350.000
191	0	0	0	0	0	0	-1844.125	7535.000	738.000	0	350.000
192	0	0	0	0	0	0	-1850.625	7535.000	738.000	0	350.000
193	0	0	0	0	0	0	-1861.625	7544.375	738.000	0	350.000
194	0	0	0	0	0	0	-1904.826	7482.000	774.638	0	350.000
195	0	0	0	0	0	0	-1917.106	7482.000	814.803	0	350.000
196	0	0	0	0	0	0	-1861.625	7652.000	738.000	0	350.000
197	0	0	0	0	0	0	-1861.515	7669.000	737.641	0	350.000
198	0	0	0	0	0	0	-1859.213	7659.000	730.110	0	350.000
199	0	0	0	0	0	0	-1865.882	7659.000	690.360	0	350.000
200	0	0	0	0	0	0	-1883.096	7659.000	685.098	0	350.000
201	0	0	0	0	0	0	-1883.096	7655.688	685.098	0	350.000
202	0	0	0	0	0	0	-1883.096	7653.625	685.098	0	350.000
203	0	0	0	0	0	0	-1886.921	7649.625	683.929	0	350.000
204	0	0	0	0	0	0	-1894.333	7649.625	681.663	0	350.000
205	0	0	0	0	0	0	-1900.788	7649.625	679.689	0	350.000
206	0	0	0	0	0	0	-1900.788	7659.000	679.689	0	350.000
207	0	0	0	0	0	0	-1937.545	7659.000	668.450	0	350.000

208	0	0	0	0	0	0	-2037.810	7659.000	637.796	0	350.000
209	0	0	0	0	0	0	-1201.640	7572.000	525.670	0	350.000
210	0	0	0	0	0	0	-1198.269	7572.000	517.325	0	350.000
211	0	0	0	0	0	0	-1197.527	7593.500	517.625	0	350.000
212	0	0	0	0	0	0	-1194.898	7572.000	508.980	0	350.000
213	0	0	0	0	0	0	-1179.680	7572.000	471.314	0	300.000
214	0	0	0	0	0	0	-1063.875	7632.000	439.037	0	300.000
215	0	0	0	0	0	0	-980.125	7632.000	259.500	0	300.000
216	0	0	0	0	0	0	-990.125	7632.000	250.000	0	300.000
217	0	0	0	0	0	0	-970.125	7632.000	250.000	0	300.000
218	0	0	0	0	0	0	-952.125	7608.000	250.000	0	300.000
219	0	0	0	0	0	0	-952.125	7528.000	250.000	0	300.000
220	0	0	0	0	0	0	-952.125	7526.000	250.000	0	300.000
221	0	0	0	0	0	0	-946.695	7525.740	249.795	0	300.000
222	0	0	0	0	0	0	-952.125	7524.000	250.000	0	300.000
223	0	0	0	0	0	0	-952.125	7508.000	250.000	0	300.000
224	0	0	0	0	0	0	-952.125	7506.000	250.000	0	300.000
225	0	0	0	0	0	0	-946.695	7505.740	249.795	0	300.000
226	0	0	0	0	0	0	-952.125	7504.000	250.000	0	300.000
227	0	0	0	0	0	0	-903.268	7482.000	267.061	0	300.000
228	0	0	0	0	0	0	-1004.063	7632.000	250.000	0	300.000
229	0	0	0	0	0	0	-1012.125	7625.625	250.000	0	300.000
230	0	0	0	0	0	0	-1012.125	7621.625	250.000	0	300.000
231	0	0	0	0	0	0	-1056.000	7653.000	250.000	0	300.000
232	0	0	0	0	0	0	-1056.000	7905.500	250.000	0	300.000
233	0	0	0	0	0	0	-1056.000	7907.500	250.000	0	300.000
234	0	0	0	0	0	0	-1056.250	7907.240	255.430	0	300.000
235	0	0	0	0	0	0	-1056.000	7909.500	250.000	0	300.000
236	0	0	0	0	0	0	-1012.125	7514.000	250.000	0	300.000
237	0	0	0	0	0	0	-1012.125	7513.000	250.000	0	300.000
238	0	0	0	0	0	0	-1012.125	7507.000	250.000	0	300.000
239	0	0	0	0	0	0	-1018.425	7507.000	250.000	0	300.000
240	0	0	0	0	0	0	-1012.125	7501.000	250.000	0	300.000
241	0	0	0	0	0	0	-984.000	7444.125	240.000	0	300.000
242	0	0	0	0	0	0	-979.875	7440.000	240.000	0	300.000
243	0	0	0	0	0	0	-988.125	7440.000	240.000	0	300.000
244	0	0	0	0	0	0	-973.875	7440.000	247.000	0	300.000
245	0	0	0	0	0	0	-973.875	7440.000	253.000	0	300.000
246	0	0	0	0	0	0	-973.875	7446.300	253.000	0	300.000
247	0	0	0	0	0	0	-973.875	7440.000	259.000	0	300.000
248	0	0	0	0	0	0	-994.125	7440.000	233.000	0	300.000
249	0	0	0	0	0	0	-994.125	7440.000	227.000	0	300.000
250	0	0	0	0	0	0	-994.125	7446.300	227.000	0	300.000
251	0	0	0	0	0	0	-994.125	7440.000	221.000	0	300.000
252	0	0	0	0	0	0	-1856.362	7659.000	720.787	0	350.000
253	-1	-1	-1	-1	-1	-1	-1421.508	7550.000	725.956	0	0.0
254	0	0	0	0	0	0	-1253.710	7535.000	616.188	0	0.0
255	0	0	0	0	0	0	-1254.335	7535.000	596.813	0	0.0
256	0	0	0	0	0	0	-1201.448	7550.000	543.926	0	0.0
257	0	0	0	0	0	0	-1154.000	7550.000	361.000	0	0.0
258	0	0	0	0	0	0	-1183.000	7550.000	303.875	0	0.0
259	0	0	0	0	0	0	-1173.000	7535.000	303.875	0	0.0
260	0	0	0	0	0	0	-1193.000	7550.000	340.000	0	0.0
261	0	0	0	0	0	0	-1193.000	7535.000	350.000	0	0.0
262	0	0	0	0	0	0	-1365.000	7550.000	243.000	0	0.0
263	0	0	0	0	0	0	-1365.000	7535.000	253.000	0	0.0
264	0	0	0	0	0	0	-1500.000	7550.000	267.000	0	0.0
265	0	0	0	0	0	0	-1329.000	7550.000	368.000	0	0.0
266	0	0	0	0	0	0	-1319.000	7535.000	368.000	0	0.0
267	0	0	0	0	0	0	-1258.996	7550.000	509.754	0	0.0

268	0	0	0	0	0	0	-1248.996	7535.000	499.754	0	0.0
269	0	0	0	0	0	0	-1225.055	7550.000	492.607	0	0.0
270	0	0	0	0	0	0	-1215.055	7535.000	502.607	0	0.0
271	0	0	0	0	0	0	-1251.306	7550.000	559.869	0	0.0
272	0	0	0	0	0	0	-1241.306	7535.000	569.869	0	0.0
273	0	0	0	0	0	0	-1318.323	7550.000	626.688	0	0.0
274	0	0	0	0	0	0	-1445.929	7550.000	708.938	0	0.0
275	0	0	0	0	0	0	-1596.000	7535.000	336.000	0	0.0
276	0	0	0	0	0	0	-1481.636	7535.000	721.520	0	0.0
277	0	0	0	0	0	0	-1449.778	7659.000	751.300	0	0.0
278	0	0	0	0	0	0	-1489.393	7700.000	769.943	0	0.0
279	0	0	0	0	0	0	-1504.064	7647.000	763.062	0	0.0
280	0	0	0	0	0	0	-1514.064	7647.000	773.062	0	0.0
281	0	0	0	0	0	0	-1566.000	7700.000	738.625	0	0.0
282	0	0	0	0	0	0	-1638.250	7634.000	728.625	0	0.0
283	0	0	0	0	0	0	-1813.032	7700.000	707.125	0	0.0
284	0	0	0	0	0	0	-1936.773	7634.000	679.751	0	0.0
285	0	0	0	0	0	0	-1953.020	7634.000	664.326	0	0.0
286	0	0	0	0	0	0	-2125.010	7634.000	556.654	0	0.0
287	0	0	0	0	0	0	-2146.189	7634.000	547.807	0	0.0
288	0	0	0	0	0	0	-2146.188	7700.000	547.808	0	0.0
289	0	0	0	0	0	0	-2187.250	7700.000	474.250	0	0.0
290	0	0	0	0	0	0	-1680.000	7550.000	738.000	0	0.0
291	0	0	0	0	0	0	-1680.000	7535.000	728.000	0	0.0
292	0	0	0	0	0	0	-1844.125	7550.000	738.000	0	0.0
293	0	0	0	0	0	0	-1862.958	7659.000	680.797	0	0.0
294	0	0	0	0	0	0	-1937.545	7700.000	668.450	0	0.0
295	0	0	0	0	0	0	-2037.810	7700.000	637.796	0	0.0
296	0	0	0	0	0	0	-1179.680	7600.000	471.314	0	0.0
297	0	0	0	0	0	0	-1063.875	7700.000	439.037	0	0.0
298	0	0	0	0	0	0	-952.125	7608.000	240.000	0	0.0
299	0	0	0	0	0	0	-1004.063	7700.000	250.000	0	0.0
300	0	0	0	0	0	0	-1056.000	7653.000	240.000	0	0.0
301	0	0	0	0	0	0	-1046.000	7653.000	250.000	0	0.0
302	0	0	0	0	0	0	-1012. 25	7514.000	240.000	0	0.0
303	0	0	0	0	0	0	-1002.125	7514.000	250.000	0	0.0
304	0	0	0	0	0	0	-1846.799	7659.000	723.711	0	0.0
305	1	1	1	1	1	1	-1140.000	7535.000	361.000	0	0.0
306	-1	-1	-1	-1	-1	-1	-1550.000	7587.623	247.847	0	0.0
307	0	0	0	0	0	0	-1560.000	7597.623	247.847	0	0.0
308	0	0	0	0	0	0	-1560.000	7587.623	257.847	0	0.0
309	0	0	0	0	0	0	-2163.739	7615.000	462.319	0	0.0
310	0	0	0	0	0	0	-2173.739	7625.000	462.319	0	0.0
311	1	1	1	1	1	1	-2173.739	7615.000	472.319	0	0.0

GENERATED NODAL DATA

NODE NUMBER	BOUNDARY CONDITION CODES X	Y	Z	XX	YY	ZZ	NODAL POINT COORDINATES X	Y	Z	T
1	1	1	1	1	1	1	-1437.236	7482.000	861.256	350.000
2	0	0	0	0	0	0	-1463.281	7482.000	764.060	350.000
3	0	0	0	0	0	0	-1466.904	7496.000	750.537	350.000
4	0	0	0	0	0	0	-1466.904	7514.000	750.537	350.000
5	0	0	0	0	0	0	-1461.495	7528.849	747.607	350.000
6	0	0	0	0	0	0	-1438.764	7535.000	735.300	350.000
7	0	0	0	0	0	0	-1393.166	7535.000	710.612	350.000
8	0	0	0	0	0	0	-1294.749	7535.000	637.227	350.000
9	0	0	0	0	0	0	-1214.175	7535.000	556.653	350.000
10	0	0	0	0	0	0	-1201.448	7535.000	543.926	350.000
11	0	0	0	0	0	0	-1154.000	7535.000	429.375	350.000
12	0	0	0	0	0	0	-1154.000	7535.000	361.000	670.000
13	0	0	0	0	0	0	-1175.000	7535.000	340.000	670.000
14	0	0	0	0	0	0	-1329.000	7535.000	340.000	670.000
15	0	0	0	0	0	0	-1329.000	7535.000	264.000	670.000
16	0	0	0	0	0	0	-1350.000	7535.000	243.000	670.000
17	0	0	0	0	0	0	-1443.302	7535.000	243.000	670.000
18	0	0	0	0	0	0	-1458.151	7535.000	249.151	670.000
19	0	0	0	0	0	0	-1469.849	7535.000	260.849	670.000
20	0	0	0	0	0	0	-1484.698	7535.000	267.000	670.000
21	0	0	0	0	0	0	-1539.000	7535.000	267.000	670.000
22	0	0	0	0	0	0	-1560.000	7554.734	259.818	670.000
23	0	0	0	0	0	0	-1560.000	7587.623	247.847	670.000
24	1	1	1	1	1	1	-1926.644	7482.000	846.000	350.000
25	0	0	0	0	0	0	-1899.060	7482.000	758.284	350.000
26	0	0	0	0	0	0	-1893.625	7503.000	738.000	350.000
27	0	0	0	0	0	0	-1893.625	7514.000	738.000	350.000
28	0	0	0	0	0	0	-1872.625	7535.000	738.000	350.000
29	0	0	0	0	0	0	-1861.625	7535.000	738.000	350.000
30	0	0	0	0	0	0	-1596.000	7535.000	738.000	350.000
31	0	0	0	0	0	0	-1311.743	7535.000	620.256	350.000
32	0	0	0	0	0	0	-1244.942	7535.000	553.505	670.000
33	0	0	0	0	0	0	-1244.942	7535.000	523.807	670.000
34	0	0	0	0	0	0	-1322.849	7535.000	445.901	670.000
35	0	0	0	0	0	0	-1329.000	7535.000	431.052	670.000
36	0	0	0	0	0	0	-1431.433	7535.000	748.801	350.000
37	0	0	0	0	0	0	-1427.158	7544.000	756.715	350.000
38	0	0	0	0	0	0	-1427.158	7659.000	756.715	350.000
39	0	0	0	0	0	0	-1495.261	7659.000	771.191	350.000
40	0	0	0	0	0	0	-1504.064	7650.000	773.062	350.000
41	0	0	0	0	0	0	-1504.064	7643.000	773.062	350.000
42	0	0	0	0	0	0	-1504.064	7634.000	764.062	350.000
43	0	0	0	0	0	0	-1504.06[illegible]	7634.000	747.625	350.000
44	0	0	0	0	0	0	-1513.064	7634.000	738.625	350.000
45	0	0	0	0	0	0	-1708.6[illegible]5	7634.000	738.625	350.000
46	0	0	0	0	0	0	-1711.286	7634.000	738.232	350.000
47	0	0	0	0	0	0	-2072.457	7634.000	627.810	350.000
48	0	0	0	0	0	0	-2079.306	7634.000	623.405	350.000
49	0	0	0	0	0	0	-2190.763	7634.000	497.408	350.000
50	0	0	0	0	0	0	-2189.468	7634.000	476.235	350.000
51	0	0	0	0	0	0	-2184.973	7634.000	472.258	350.000
52	0	0	0	0	0	0	-2173.739	7619.000	462.319	350.000
53	0	0	0	0	0	0	-2173.739	7615.000	462.319	350.000
54	0	0	0	0	0	0	-1861.625	7659.000	738.000	350.000
55	0	0	0	0	0	0	-1851.300	7659.000	704.230	350.000
56	0	0	0	0	0	0	-1857.276	7659.000	692.992	350.000

57	0	0	0	0	0	0	-2042.798	7659.000	636.271	350.000
58	0	0	0	0	0	0	-2051.405	7650.000	633.640	350.000
59	0	0	0	0	0	0	-2051.519	7634.000	634.211	350.000
60	0	0	0	0	0	0	-1214.175	7557.000	556.653	350.000
61	0	0	0	0	0	0	-1208.556	7572.000	542.745	350.000
62	0	0	0	0	0	0	-1176.727	7572.000	464.006	300.000
63	0	0	0	0	0	0	-1162.819	7572.000	454.625	300.000
64	0	0	0	0	0	0	-1087.875	7572.000	454.625	300.000
65	0	0	0	0	0	0	-1072.875	7587.000	454.625	300.000
66	0	0	0	0	0	0	-1072.875	7617.000	454.625	300.000
67	0	0	0	0	0	0	-1065.375	7632.000	441.635	300.000
68	0	0	0	0	0	0	-982.135	7632.000	297.481	300.000
69	0	0	0	0	0	0	-980.125	7632.000	289.981	300.000
70	0	0	0	0	0	0	-980.125	7632.000	250.000	300.000
71	0	0	0	0	0	0	-957.397	7626.728	250.000	300.000
72	0	0	0	0	0	0	-952.125	7614.000	250.000	300.000
73	0	0	0	0	0	0	-952.125	7500.000	250.000	300.000
74	0	0	0	0	0	0	-935.131	7482.000	255.934	300.000
75	1	1	1	1	1	1	-842.610	7482.000	288.244	300.000
76	0	0	0	0	0	0	-1012.125	7632.000	250.000	300.000
77	0	0	0	0	0	0	-1038.000	7632.000	250.000	300.000
78	0	0	0	0	0	0	-1056.000	7650.000	250.000	300.000
79	0	0	0	0	0	0	-1056.000	7914.000	250.000	300.000
80	0	0	0	0	0	0	-1056.000	7932.000	232.000	300.000
81	1	1	1	1	1	1	-1056.000	7932.000	219.000	300.000
82	0	0	0	0	0	0	-1012.125	7500.000	250.000	300.000
83	0	0	0	0	0	0	-1006.471	7494.000	247.992	300.000
84	0	0	0	0	0	0	-989.654	7494.000	242.008	300.000
85	0	0	0	0	0	0	-984.000	7488.000	240.000	300.000
86	0	0	0	0	0	0	-984.000	7440.000	240.000	300.000
87	0	0	0	0	0	0	-975.632	7440.000	241.757	300.000
88	0	0	0	0	0	0	-973.875	7440.000	246.000	300.000
89	1	1	1	1	1	1	-973.875	7440.000	261.000	300.000
90	0	0	0	0	0	0	-992.36	7440.000	238.243	300.000
91	0	0	0	0	0	0	-994.125	7440.000	234.000	300.000
92	1	1	1	1	1	1	-994.125	7440.000	219.000	300.000
93	0	0	0	0	0	0	-1445.680	7482.000	829.743	350.000
94	0	0	0	0	0	0	-1458.103	7482.000	783.378	350.000
95	0	0	0	0	0	0	-1448.437	7535.000	740.537	350.000
96	0	0	0	0	0	0	-1434.300	7535.000	743.544	350.000
97	0	0	0	0	0	0	-1429.091	7535.000	730.063	350.000
98	0	0	0	0	0	0	-1421.508	7535.000	725.956	350.000
99	0	0	0	0	0	0	-1263.710	7535.000	606.188	350.000
100	0	0	0	0	0	0	-1244.335	7535.000	586.813	350.000
101	0	0	0	0	0	0	-1221.953	7535.000	564.431	350.000
102	0	0	0	0	0	0	-1206.397	7535.000	548.875	350.000
103	0	0	0	0	0	0	-1214.175	7545.125	556.653	350.000
104	0	0	0	0	0	0	-1154.000	7535.000	421.000	670.000
105	0	0	0	0	0	0	-1154.000	7535.000	400.000	670.000
106	0	0	0	0	0	0	-1151.750	7561.750	400.000	670.000
107	0	0	0	0	0	0	-1154.000	7535.000	379.000	670.000
108	0	0	0	0	0	0	-1183.000	7535.000	340.000	670.000
109	0	0	0	0	0	0	-1183.000	7535.000	333.000	670.000
110	0	0	0	0	0	0	-1183.000	7535.000	330.000	670.000
111	0	0	0	0	0	0	-1183.000	7535.000	325.250	670.000
112	0	0	0	0	0	0	-1183.000	7535.000	319.250	670.000
113	0	0	0	0	0	0	-1184.650	7562.000	317.690	670.000
114	0	0	0	0	0	0	-1183.000	7535.000	313.250	670.000
115	0	0	0	0	0	0	-1183.000	7535.000	310.625	350.000
116	0	0	0	0	0	0	-1183.000	7535.000	307.250	350.000

117	0	0	0	0	0	0	-1183.000	7535.000	303.875	350.000
118	0	0	0	0	0	0	-1183.000	7532.375	307.250	350.000
119	0	0	0	0	0	0	-1183.000	7535.000	296.250	350.000
120	0	0	0	0	0	0	-1183.000	7527.000	307.250	350.000
121	0	0	0	0	0	0	-1183.000	7523.063	304.688	350.000
122	0	0	0	0	0	0	-1193.000	7535.000	340.000	670.000
123	0	0	0	0	0	0	-1212.000	7535.000	340.000	670.000
124	0	0	0	0	0	0	-1260.000	7535.000	340.000	670.000
125	0	0	0	0	0	0	-1270.000	7535.000	340.000	670.000
126	0	0	0	0	0	0	-1291.000	7535.000	340.000	670.000
127	0	0	0	0	0	0	-1291.000	7561.750	337.750	670.000
128	0	0	0	0	0	0	-1312.000	7535.000	340.000	670.000
129	0	0	0	0	0	0	-1318.000	7535.000	340.000	670.000
130	0	0	0	0	0	0	-1329.000	7535.000	351.000	670.000
131	0	0	0	0	0	0	-1329.000	7535.000	329.000	670.000
132	0	0	0	0	0	0	-1365.000	7535.000	243.000	670.000
133	0	0	0	0	0	0	-1500.000	7535.000	267.000	670.000
134	0	0	0	0	0	0	-1329.000	7535.000	368.000	670.000
135	0	0	0	0	0	0	-1329.000	7535.000	383.000	670.000
136	0	0	0	0	0	0	-1329.000	7535.000	404.000	670.000
137	0	0	0	0	0	0	-1330.591	7561.750	405.591	670.000
138	0	0	0	0	0	0	-1329.000	7535.000	425.000	670.000
139	0	0	0	0	0	0	-1292.937	7535.000	475.813	670.000
140	0	0	0	0	0	0	-1258.996	7535.000	509.754	670.000
141	0	0	0	0	0	0	-1250.599	7535.000	518.150	670.000
142	0	0	0	0	0	0	-1245.649	7535.000	513.200	670.000
143	0	0	0	0	0	0	-1243.528	7535.000	511.079	670.000
144	0	0	0	0	0	0	-1240.169	7535.000	507.720	670.000
145	0	0	0	0	0	0	-1235.926	7535.000	503.477	670.000
146	0	0	0	0	0	0	-1235.990	7562.000	502.310	670.000
147	0	0	0	0	0	0	-1231.683	7535.000	499.235	670.000
148	0	0	0	0	0	0	-1229.827	7535.000	497.379	350.000
149	0	0	0	0	0	0	-1227.441	7535.000	494.993	350.000
150	0	0	0	0	0	0	-1225.055	7535.000	492.607	350.000
151	0	0	0	0	0	0	-1227.441	7532.375	494.993	350.000
152	0	0	0	0	0	0	-1219.663	7535.000	487.215	350.000
153	0	0	0	0	0	0	-1227.441	7527.000	494.993	350.000
154	0	0	0	0	0	0	-1225.629	7523.063	493.181	350.000
155	0	0	0	0	0	0	-1251.306	7535.000	559.869	670.000
156	0	0	0	0	0	0	-1278.883	7535.000	587.446	670.000
157	0	0	0	0	0	0	-1293.732	7535.000	601.995	670.000
158	0	0	0	0	0	0	-1292.141	7561.750	603.586	670.000
159	0	0	0	0	0	0	-1308.581	7535.000	617.144	670.000
160	0	0	0	0	0	0	-1318.323	7535.000	626.688	350.000
161	0	0	0	0	0	0	-1373.363	7535.000	670.719	350.000
162	0	0	0	0	0	0	-1445.929	7535.000	708.938	350.000
163	0	0	0	0	0	0	-1461.269	7535.000	714.750	350.000
164	0	0	0	0	0	0	-1472.123	7535.000	718.438	350.000
165	0	0	0	0	0	0	-1534.062	7535.000	733.200	350.000
166	0	0	0	0	0	0	-1427.158	7652.000	756.715	350.000
167	0	0	0	0	0	0	-1427.525	7669.000	756.793	350.000
168	0	0	0	0	0	0	-1434.983	7659.000	758.378	350.000
169	0	0	0	0	0	0	-1447.699	7659.000	761.081	350.000
170	0	0	0	0	0	0	-1483.524	7659.000	768.696	350.000
171	0	0	0	0	0	0	-1483.524	7655.688	768.696	350.000
172	0	0	0	0	0	0	-1483.524	7653.000	768.696	350.000
173	0	0	0	0	0	0	-1483.524	7647.875	768.696	350.000
174	0	0	0	0	0	0	-1483.524	7641.125	768.696	350.000
175	0	0	0	0	0	0	-1489.393	7659.000	769.943	350.000
176	0	0	0	0	0	0	-1504.064	7647.000	773.062	350.000

177	0	0	0	0	0	0	-1566.000	7634.000	738.625	350.000
178	0	0	0	0	0	0	-1638.250	7634.000	738.625	350.000
179	0	0	0	0	0	0	-1813.032	7634.000	707.125	350.000
180	0	0	0	0	0	0	-1933.849	7634.000	670.188	350.000
181	0	0	0	0	0	0	-1943.457	7634.000	667.250	350.000
182	0	0	0	0	0	0	-2036.696	7634.000	638.743	350.000
183	0	0	0	0	0	0	-2043.390	7634.000	636.696	350.000
184	0	0	0	0	0	0	-2051.519	7641.500	634.211	350.000
185	0	0	0	0	0	0	-2059.648	7634.000	631.726	350.000
186	0	0	0	0	0	0	-2132.500	7634.000	563.280	350.000
187	0	0	0	0	0	0	-2139.563	7634.000	555.297	350.000
188	0	0	0	0	0	0	-2146.188	7634.000	547.808	350.000
189	0	0	0	0	0	0	-2187.250	7634.000	474.250	350.000
190	0	0	0	0	0	0	-1680.000	7535.000	738.000	350.000
191	0	0	0	0	0	0	-1844.125	7535.000	738.000	350.000
192	0	0	0	0	0	0	-1850.625	7535.000	738.000	350.000
193	0	0	0	0	0	0	-1861.625	7544.375	738.000	350.000
194	0	0	0	0	0	0	-1904.826	7482.000	774.638	350.000
195	0	0	0	0	0	0	-1917.106	7482.000	814.803	350.000
196	0	0	0	0	0	0	-1861.625	7652.000	738.000	350.000
197	0	0	0	0	0	0	-1861.515	7669.000	737.641	350.000
198	0	0	0	0	0	0	-1859.213	7659.000	730.110	350.000
199	0	0	0	0	0	0	-1865.882	7659.000	690.360	350.000
200	0	0	0	0	0	0	-1883.096	7659.000	685.098	350.000
201	0	0	0	0	0	0	-1883.096	7655.688	685.098	350.000
202	0	0	0	0	0	0	-1883.096	7653.625	685.098	350.000
203	0	0	0	0	0	0	-1886.921	7649.625	683.929	350.000
204	0	0	0	0	0	0	-1894.333	7649.625	681.663	350.000
205	0	0	0	0	0	0	-1900.788	7649.625	679.689	350.000
206	0	0	0	0	0	0	-1900.788	7659.000	679.689	350.000
207	0	0	0	0	0	0	-1937.545	7659.000	668.450	350.000
208	0	0	0	0	0	0	-2037.810	7659.000	637.796	350.000
209	0	0	0	0	0	0	-1201.640	7572.000	525.670	350.000
210	0	0	0	0	0	0	-1198.269	7572.000	517.325	350.000
211	0	0	0	0	0	0	-1197.527	7593.500	517.625	350.000
212	0	0	0	0	0	0	-1194.898	7572.000	508.980	350.000
213	0	0	0	0	0	0	-1179.680	7572.000	471.314	300.000
214	0	0	0	0	0	0	-1063.875	7632.000	439.037	300.000
215	0	0	0	0	0	0	-980.125	7632.000	259.500	300.000
216	0	0	0	0	0	0	-990.125	7632.000	250.000	300.000
217	0	0	0	0	0	0	-970.125	7632.000	250.000	300.000
218	0	0	0	0	0	0	-952.125	7608.000	250.000	300.000
219	0	0	0	0	0	0	-952.125	7528.000	250.000	300.000
220	0	0	0	0	0	0	-952.125	7526.000	250.000	300.000
221	0	0	0	0	0	0	-946.695	7525.740	249.795	300.000
222	0	0	0	0	0	0	-952.125	7524.000	250.000	300.000
223	0	0	0	0	0	0	-952.125	7508.000	250.000	300.000
224	0	0	0	0	0	0	-952.125	7506.000	250.000	300.000
225	0	0	0	0	0	0	-946.695	7505.740	249.795	300.000
226	0	0	0	0	0	0	-952.125	7504.000	250.000	300.000
227	0	0	0	0	0	0	-903.268	7482.000	267.061	300.000
228	0	0	0	0	0	0	-1004.063	7632.000	250.000	300.000
229	0	0	0	0	0	0	-1012.125	7625.625	250.000	300.000
230	0	0	0	0	0	0	-1012.125	7621.625	250.000	300.000
231	0	0	0	0	0	0	-1056.000	7653.000	250.000	300.000
232	0	0	0	0	0	0	-1056.000	7905.500	250.000	300.000
233	0	0	0	0	0	0	-1056.000	7907.500	250.000	300.000
234	0	0	0	0	0	0	-1056.250	7907.240	255.430	300.000
235	0	0	0	0	0	0	-1056.000	7909.500	250.000	300.000
236	0	0	0	0	0	0	-1012.125	7514.000	250.000	300.000

237	0	0	0	0	0	0	-1012.125	7513.000	250.000	300.000
238	0	0	0	0	0	0	-1012.125	7507.000	250.000	300.000
239	0	0	0	0	0	0	-1018.425	7507.000	250.000	300.000
240	0	0	0	0	0	0	-1012.125	7501.000	250.000	300.000
241	0	0	0	0	0	0	-984.000	7444.125	240.000	300.000
242	0	0	0	0	0	0	-979.875	7440.000	240.000	300.000
243	0	0	0	0	0	0	-988.125	7440.000	240.000	300.000
244	0	0	0	0	0	0	-973.875	7440.000	247.000	300.000
245	0	0	0	0	0	0	-973.875	7440.000	253.000	300.000
246	0	0	0	0	0	0	-973.875	7446.300	253.000	300.000
247	0	0	0	0	0	0	-973.875	7440.000	259.000	300.000
248	0	0	0	0	0	0	-994.125	7440.000	233.000	300.000
249	0	0	0	0	0	0	-994.125	7440.000	227.000	300.000
250	0	0	0	0	0	0	-994.125	7446.300	227.000	300.000
251	0	0	0	0	0	0	-994.125	7440.000	221.000	300.000
252	0	0	0	0	0	0	-1856.362	7659.000	720.787	350.000
253	-1	-1	-1	-1	-1	-1	-1421.508	7550.000	725.956	0.0
254	-1	-1	-1	-1	-1	-1	-1253.710	7535.000	616.188	0.0
255	-1	-1	-1	-1	-1	-1	-1254.335	7535.000	596.813	0.0
256	-1	-1	-1	-1	-1	-1	-1201.448	7550.000	543.926	0.0
257	-1	-1	-1	-1	-1	-1	-1154.000	7550.000	361.000	0.0
258	-1	-1	-1	-1	-1	-1	-1183.000	7550.000	303.875	0.0
259	-1	-1	-1	-1	-1	-1	-1173.000	7535.000	303.875	0.0
260	-1	-1	-1	-1	-1	-1	-1193.000	7550.000	340.000	0.0
261	-1	-1	-1	-1	-1	-1	-1193.000	7535.000	350.000	0.0
262	-1	-1	-1	-1	-1	-1	-1365.000	7550.000	243.000	0.0
263	-1	-1	-1	-1	-1	-1	-1365.000	7535.000	253.000	0.0
264	-1	-1	-1	-1	-1	-1	-1500.000	7550.000	267.000	0.0
265	-1	-1	-1	-1	-1	-1	-1329.000	7550.000	368.000	0.0
266	-1	-1	-1	-1	-1	-1	-1319.000	7535.000	368.000	0.0
267	-1	-1	-1	-1	-1	-1	-1258.996	7550.000	509.754	0.0
268	-1	-1	-1	-1	-1	-1	-1248.996	7535.000	499.754	0.0
269	-1	-1	-1	-1	-1	-1	-1225.055	7550.000	492.607	0.0
270	-1	-1	-1	-1	-1	-1	-1215.055	7535.000	502.607	0.0
271	-1	-1	-1	-1	-1	-1	-1251.306	7550.000	559.869	0.0
272	-1	-1	-1	-1	-1	-1	-1241.306	7535.000	569.869	0.0
273	-1	-1	-1	-1	-1	-1	-1318.323	7550.000	626.688	0.0
274	-1	-1	-1	-1	-1	-1	-1445.929	7550.000	708.938	0.0
275	-1	-1	-1	-1	-1	-1	-1596.000	7535.000	336.000	0.0
276	-1	-1	-1	-1	-1	-1	-1481.636	7535.000	721.520	0.0
277	-1	-1	-1	-1	-1	-1	-1449.778	7659.000	751.300	0.0
278	-1	-1	-1	-1	-1	-1	-1489.393	7700.000	769.943	0.0
279	-1	-1	-1	-1	-1	-1	-1504.064	7647.000	763.062	0.0
280	-1	-1	-1	-1	-1	-1	-1514.064	7647.000	773.062	0.0
281	-1	-1	-1	-1	-1	-1	-1566.000	7700.000	738.625	0.0
282	-1	-1	-1	-1	-1	-1	-1638.250	7634.000	728.625	0.0
283	-1	-1	-1	-1	-1	-1	-1813.032	7700.000	707.125	0.0
284	-1	-1	-1	-1	-1	-1	-1936.773	7634.000	679.751	0.0
285	-1	-1	-1	-1	-1	-1	-1953.020	7634.000	664.326	0.0
286	-1	-1	-1	-1	-1	-1	-2125.010	7634.000	556.654	0.0
287	-1	-1	-1	-1	-1	-1	-2146.189	7634.000	547.807	0.0
288	-1	-1	-1	-1	-1	-1	-2146.188	7700.000	547.808	0.0
289	-1	-1	-1	-1	-1	-1	-2187.250	7700.000	474.250	0.0
290	-1	-1	-1	-1	-1	-1	-1680.000	7550.000	738.000	0.0
291	-1	-1	-1	-1	-1	-1	-1680.000	7535.000	728.000	0.0
292	-1	-1	-1	-1	-1	-1	-1844.125	7550.000	738.000	0.0
293	-1	-1	-1	-1	-1	-1	-1862.958	7659.000	680.797	0.0
294	-1	-1	-1	-1	-1	-1	-1937.545	7700.000	668.450	0.0
295	-1	-1	-1	-1	-1	-1	-2037.810	7700.000	637.796	0.0
296	-1	-1	-1	-1	-1	-1	-1179.680	7600.000	471.314	0.0

297	-1	-1	-1	-1	-1	-1	-1063.875	7700.000	439.037	0.0
298	-1	-1	-1	-1	-1	-1	-952.125	7608.000	240.000	0.0
299	-1	-1	-1	-1	-1	-1	-1004.063	7700.000	250.000	0.0
300	-1	-1	-1	-1	-1	-1	-1056.000	7653.000	240.000	0.0
301	-1	-1	-1	-1	-1	-1	-1046.000	7653.000	250.000	0.0
302	-1	-1	-1	-1	-1	-1	-1012.125	7514.000	240.000	0.0
303	-1	-1	-1	-1	-1	-1	-1002.125	7514.000	250.000	0.0
304	-1	-1	-1	-1	-1	-1	-1846.799	7659.000	723.711	0.0
305	1	1	1	1	1	1	-1140.000	7535.000	361.000	0.0
306	-1	-1	-1	-1	-1	-1	-1550.000	7587.623	247.847	0.0
307	-1	-1	-1	-1	-1	-1	-1560.000	7597.623	247.847	0.0
308	-1	-1	-1	-1	-1	-1	-1560.000	7587.623	257.847	0.0
309	-1	-1	-1	-1	-1	-1	-2163.739	7615.000	462.319	0.0
310	-1	-1	-1	-1	-1	-1	-2173.739	7625.000	462.319	0.0
311	1	1	1	1	1	1	-2173.739	7615.000	472.319	0.0

EQUATION NUMBERS

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191	1105	1106	1107	1108	1109	1110
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194	1123	1124	1125	1126	1127	1128
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203	1177	1178	1179	1180	1181	1182
204	1183	1184	1185	1186	1187	1188
205	1189	1190	1191	1192	1193	1194
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P I P E E L E M E N T I N P U T D A T A

C O N T R O L I N F O R M A T I O N

REQUIRED BLANK COMMON FOR THIS STEP= 3141

NUMBER OF PIPE ELEMENTS = 253

NUMBER OF MATERIAL SETS = 2

MAXIMUM NUMBER OF MATERIAL TEMPERATURE INPUT POINTS = 5

NUMBER OF SECTION PROPERTY SETS = 29

NUMBER OF BRANCH POINT NODES = 15

MAXIMUM NUMBER OF TANGENTS COMMON TO A BRANCH POINT = 4

NUMBER OF PIPING COMPONENTS = 15

FLAG FOR NEGLECTING AXIAL DEFORMATIONS IN BEND ELEMENTS (EQ.1, NEGLECT) = 0

M A T E R I A L P R O P E R T Y T A B L E S

MATERIAL NUMBER = (1)
NUMBER OF TEMPERATURE POINTS = (5)
IDENTIFICATION = (304 SS*SA-312*CLASS 2 SH ALLOWABLE)

POINT NUMBER	TEMPERATURE	YOUNG*S MODULUS	POISSON*S RATIO	THERMAL EXPANSION	SY STRESS	SM STRESS	ST STRESS
1	30.00	28600000.0	0.300	0.904D-05	30000.0	18000.0	0.0
2	70.00	28300000.0	0.300	0.911D-05	30000.0	18000.0	0.0
3	300.00	27100000.0	0.300	0.947D-05	22500.0	16600.0	0.0
4	500.00	26000000.0	0.300	0.970D-05	19400.0	15900.0	0.0
5	800.00	24100000.0	0.300	0.102D-04	16800.0	15200.0	0.0

MATERIAL NUMBER = (2)
NUMBER OF TEMPERATURE POINTS = (5)
IDENTIFICATION = (304 SS*SA-376*CLASS 1 SM ALLOWABLE)

POINT NUMBER	TEMPERATURE	YOUNG*S MODULUS	POISSON*S RATIO	THERMAL EXPANSION	SY STRESS	SM STRESS	ST STRESS

1	30.00	28600000.0	0.300	0.904D-05	30000.0	20000.0	0.0
2	70.00	28300000.0	0.300	0.911D-05	30000.0	20000.0	0.0
3	300.00	27100000.0	0.300	0.947D-05	22500.0	20000.0	0.0
4	500.00	26000000.0	0.300	0.970D-05	19400.0	17500.0	0.0
5	800.00	24100000.0	0.300	0.102D-04	16800.0	15200.0	0.0

SECTION PROPERTY TABLE

SECTION NUMBER	OUTSIDE DIAMETER	WALL THICKNESS	SHAPE FACTOR FOR SHEAR	WEIGHT/ UNIT LENGTH	MASS/ UNIT LENGTH	DESCRIPTION
1	14.000	0.4380	0.0	0.1142D+02	0.2957D-01	14" SCH 40 INS H
2	12.750	0.3750	0.0	0.8216D+01	0.2126D-01	12" SCH 40S INS 0
3	10.750	0.3650	0.0	0.6217D+01	0.1609D-01	10" SCH 40 INS 0
4	6.625	0.2800	0.0	0.2625D+01	0.6793D-02	6" SCH 40 INS 0
5	4.500	0.2370	0.0	0.1359D+01	0.3517D-02	4" SCH 40 INS 0
6	3.500	0.4380	0.0	0.1787D+01	0.4625D-02	3" SCH 160 INS H
7	1.315	0.1330	0.0	0.1710D+00	0.4425D-03	1" SCH 40 INS 0
8	16.000	1.5900	0.0	0.5692D+01	0.1473D-01	14" VALVE SCH160
9	14.000	1.4000	0.0	0.4083D+01	0.1057D-01	12 IN. VALVE
10	12.750	1.3100	0.0	0.3884D+01	0.1005D-01	10 IN. VALVE
11	8.625	0.9100	0.0	0.1642D+01	0.4249D-02	6 IN. VALVE
12	5.563	0.7500	0.0	0.4590D+00	0.1188D-02	4 IN. VALVE
13	4.000	0.6400	0.0	0.5950D+00	0.1540D-02	3 IN. VALVE
14	1.900	0.4000	0.0	0.3100D-01	0.8023D-04	1 IN. VALVE
15	14.000	0.4380	0.0	0.1123D+02	0.2907D-01	14" SCH 40 INS V
16	14.000	1.4060	0.0	0.2144D+02	0.5549D-01	14" SCH 160 INS H
17	14.000	1.4060	0.0	0.2113D+02	0.5467D-01	14" SCH 160 INS V
18	10.750	0.3650	0.0	0.7259D+01	0.1879D-01	10" SCH 40 INS H
19	10.750	0.3650	0.0	0.7084D+01	0.1833D-01	10" SCH 40 INS V
20	6.625	0.2800	0.0	0.3225D+01	0.8346D-02	6" SCH 40 INS H
21	6.625	0.2800	0.0	0.3100D+01	0.8023D-02	6" SCH 40 INS V
22	16.000	1.5900	0.0	0.6141D+01	0.1589D-01	14" VALVE SCH 40
23	16.000	1.5900	0.0	0.0	0.0	14" VALVE
24	12.750	1.3100	0.0	0.0	0.0	10" VALVE
25	8.625	0.9100	0.0	0.0	0.0	6" VALVE
26	4.000	0.6400	0.0	0.0	0.0	3" VALVE
27	14.000	1.4000	0.0	0.0	0.0	12 IN. VALVE
28	5.563	0.7500	0.0	0.0	0.0	4 IN. VALVE
29	1.315	0.2500	0.0	0.2560D+00	0.6625D-03	1" SCH 160 INS 0

BRANCH POINT NODE LIST

BRANCH POINT	NODE NUMBER
1	6
2	9
3	14
4	29
5	59
6	70
7	76
8	86
9	108
10	116
11	141
12	149
13	170
14	200
15	206

COMPONENT DATA

COMP. NO.	TYPE	N	NA	NB	NC	C1	C2	DESCRIPTION
1	120	6	95	97	96	0.0	0.0	BUTT WELD TEE PER B16.9
2	120	9	101	102	103	0.0	0.0	BUTT WELD TEE PER B16.9
3	120	14	130	131	129	0.0	0.0	BUTT WELD TEE PER B16.9
4	120	29	28	192	193	0.0	0.0	BUTT WELD TEE PER B16.9
5	120	59	183	185	184	0.0	0.0	BUTT WELD TEE PER B16.9
6	120	70	217	216	215	0.0	0.0	BUTT WELD TEE PER B16.9
7	120	86	242	243	241	0.0	0.0	BUTT WELD TEE PER B16.9
8	110	108	13	122	109	1.75000	0.0	BRANCH CONNECT. PER NB-3643
9	110	141	33	140	142	1.75000	0.0	BRANCH CONNECT. PER NB-3643
10	110	116	115	117	118	0.65800	0.0	BRANCH CONNECT. PER NB-3643
11	110	149	148	150	151	0.65800	0.0	BRANCH CONNECT. PER NB-3643
12	110	170	169	175	171	0.65800	0.0	BRANCH CONNECT. PER NB-3643
13	110	200	199	206	201	0.65800	0.0	BRANCH CONNECT. PER NB-3643
14	110	76	228	77	229	2.92000	0.0	BRANCH CONNECT. PER NB-3643

COMPONENT DATA

COMP. NO.	TYPE	N	NA	NB	NC	C1	C2	DESCRIPTION
15	43	182	0	0	0	16.00000	0.0	CON. REDUCER PER B16.9

ELEMENT LOAD CASE MULTIPLIERS

	CASE A	CASE B	CASE C	CASE D
X-DIRECTION GRAVITY	0.100	0.0	0.0	0.0
Y-DIRECTION GRAVITY	-1.100	-1.000	0.0	0.0
Z-DIRECTION GRAVITY	0.100	0.0	0.0	0.0
THERMAL DISTORTION	0.0	0.0	1.000	0.0
PRESSURE DISTORTION	0.0	0.0	0.0	1.000

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
1	TANGT	1	93	1	1	70.00	675.00	0.0	0.0	0.0	1	II	6
2	TANGT	93	94	1	1	70.00	675.00	0.0	0.0	0.0	1	II	12
3	TANGT	94	2	1	1	70.00	675.00	0.0	0.0	0.0	1	II	528
4	BEND	2	3	1	15	70.00	675.00					IC	
						(14.000)	( )	(-1466.904)	(7482.000)	(750.537)	(0.1000)		
													12
5	TANGT	3	4	1	1	70.00	675.00	0.0	0.0	0.0	1	II	12
6	BEND	4	5	1	15	70.00	675.00					IC	
						(21.000)	(CC)	(-1448.437)	(7514.000)	(740.537)	(0.1000)		
													12
7	BEND	5	95	1	15	70.00	675.00					IC	
						(21.000)	(CC)	(-1448.437)	(7514.000)	(740.537)	(0.1000)		
													516
8	TANGT	95	6	1	1	70.00	675.00	0.0	0.0	0.0	1	II	510
9	TANGT	6	96	1	20	70.00	675.00	0.0	0.0	0.0	1	II	516
10	TANGT	6	97	1	1	70.00	675.00	0.0	0.0	0.0	1	II	522
11	TANGT	97	98	1	1	70.00	675.00	0.0	0.0	0.0	1	II	12
12	TANGT	98	7	1	1	70.00	675.00	0.0	0.0	0.0	1	II	522
13	BEND	7	8	1	1	70.00	675.00					IC	
						(426.000)	( )	(-1338.626)	(7535.000)	(681.081)	(0.1000)		
													12
14	TANGT	8	99	1	1	70.00	675.00	0.0	0.0	0.0	1	II	522
15	TANGT	99	100	1	1	70.00	675.00	0.0	0.0	0.0	1	II	12
16	TANGT	100	101	1	1	70.00	675.00	0.0	0.0	0.0	1	II	12
17	TANGT	101	9	1	1	70.00	675.00	0.0	0.0	0.0	1	II	528
18	TANGT	9	103	1	19	70.00	675.00	0.0	0.0	0.0	1	II	540
19	TANGT	9	102	1	1	70.00	675.00	0.0	0.0	0.0	1	II	534
20	TANGT	102	10	1	1	70.00	675.00	0.0	0.0	0.0	1	II	528
21	BEND	10	11	1	1	70.00	675.00					IC	
						(162.000)	( )	(-1154.000)	(7535.000)	(496.477)	(0.1000)		
													12
22	TANGT	11	104	1	1	70.00	675.00	0.0	0.0	0.0	1	II	534
23	TANGT	107	12	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	546
24	BEND	12	13	2	16	70.00	2500.00					IC	
						(21.000)	( )	(-1154.000)	(7535.000)	(340.000)	(0.1000)		
													12
25	TANGT	13	108	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	546
26	TANGT	108	109	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
27	TANGT	109	110	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
28	TANGT	110	111	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
29	TANGT	114	115	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
30	TANGT	115	116	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
31	TANGT	116	117	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
32	TANGT	116	118	2	29	70.00	2500.00	0.0	0.0	0.0	1	II	18
33	TANGT	117	119	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	18
34	TANGT	118	120	2	29	70.00	2500.00	0.0	0.0	0.0	1	II	18
35	TANGT	108	122	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	90
36	TANGT	122	123	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	12
37	TANGT	123	124	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	12
38	TANGT	124	125	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	12

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
39	TANGT	128	129	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	12
40	TANGT	129	14	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	666
41	TANGT	14	130	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	672
42	TANGT	14	131	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	678
43	TANGT	131	15	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	672
44	BEND	15	16	2	16	70.00	2500.00					IC	
						(21.000)	( )	(-1329.000)	(7535.000)	(243.000)	(0.1000)		12
45	TANGT	16	132	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	672
46	TANGT	132	17	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	66[illegible]
47	BEND	17	18	2	16	70.00	2500.00					IC	
						(21.000)	( )	(-1452.000)	(7535.000)	(243.000)	(0.1000)		12
48	TANGT	18	19	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	12
49	BEND	19	20	2	16	70.00	2500.00					IC	
						(21.000)	( )	(-1476.000)	(7535.000)	(267.000)	(0.1000)		12
50	TANGT	20	133	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	654
51	TANGT	133	21	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	648
52	BEND	21	22	2	16	70.00	2500.00					IC	
						(21.000)	( )	(-1560.000)	(7535.000)	(267.000)	(0.1000)		12
53	TANGT	22	23	2	17	70.00	2500.00	0.0	0.0	0.0	1	II	12
54	TANGT	24	195	1	1	70.00	675.00	0.0	0.0	0.0	1	II	6
55	TANGT	195	194	1	1	70.00	675.00	0.0	0.0	0.0	1	II	12
56	TANGT	194	25	1	1	70.00	675.00	0.0	0.0	0.0	1	II	996
57	BEND	25	26	1	15	70.00	675.00					IC	
						(21.000)	( )	(-1893.625)	(7482.000)	(738.000)	(0.1000)		12
58	TANGT	26	27	1	15	70.00	675.00	0.0	0.0	0.0	1	II	12
59	BEND	27	28	1	15	70.00	675.00					IC	
						(21.000)	( )	(-1893.625)	(7535.000)	(738.000)	(0.1000)		12
60	TANGT	28	29	1	1	70.00	675.00	0.0	0.0	0.0	1	II	12
61	TANGT	29	193	1	21	70.00	675.00	0.0	0.0	0.0	1	II	966
62	TANGT	29	192	1	1	70.00	675.00	0.0	0.0	0.0	1	II	960
63	TANGT	192	191	1	1	70.00	675.00	0.0	0.0	0.0	1	II	12
64	TANGT	191	190	1	1	70.00	675.00	0.0	0.0	0.0	1	II	12
65	TANGT	190	30	1	1	70.00	675.00	0.0	0.0	0.0	1	II	942
66	BEND	30	165	1	1	70.00	675.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		792
67	BEND	165	164	1	1	70.00	675.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		12
68	BEND	164	163	1	1	70.00	675.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		12
69	BEND	163	162	1	1	70.00	675.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		12

P I P E E L E M E N T I N P U T D A T A

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
70	BEND	162	161	1	1	70.00	675.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		
													12
71	BEND	161	160	1	1	70.00	675.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		
													12
72	TANGT	31	159	1	1	70.00	675.00	0.0	0.0	0.0	1	II	750
73	TANGT	156	155	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	12
74	TANGT	155	32	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	720
75	BEND	32	33	2	16	70.00	2500.00					IC	
						(21.000)	( )	(-1230.093)	(7535.000)	(538.656)	(0.1000)		
													12
76	TANGT	33	141	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	630
77	TANGT	141	142	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
78	TANGT	142	143	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
79	TANGT	143	144	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
80	TANGT	147	148	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
81	TANGT	148	149	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
82	TANGT	149	150	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	12
83	TANGT	149	151	2	29	70.00	2500.00	0.0	0.0	0.0	1	II	18
84	TANGT	150	152	2	6	70.00	2500.00	0.0	0.0	0.0	1	II	18
85	TANGT	151	153	2	29	70.00	2500.00	0.0	0.0	0.0	1	II	18
86	TANGT	141	140	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	12
87	TANGT	140	139	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	12
88	TANGT	139	34	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	612
89	BEND	34	35	2	16	70.00	2500.00					IC	
						(21.000)	( )	(-1329.000)	(7535.000)	(439.750)	(0.1000)		
													12
90	TANGT	35	138	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	600
91	TANGT	135	134	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	12
92	TANGT	134	130	2	16	70.00	2500.00	0.0	0.0	0.0	1	II	30
93	TANGT	96	36	1	20	70.00	675.00	0.0	0.0	0.0	1	II	342
94	BEND	36	37	1	20	70.00	675.00					IC	
						(9.000)	( )	(-1427.158)	(7535.000)	(756.715)	(0.1000)		
													12
95	TANGT	37	166	1	21	70.00	675.00	0.0	0.0	0.0	1	II	756
96	TANGT	168	169	1	4	70.00	675.00	0.0	0.0	0.0	1	II	12
97	TANGT	169	170	1	4	70.00	675.00	0.0	0.0	0.0	1	II	12
98	TANGT	170	171	1	7	70.00	675.00	0.0	0.0	0.0	1	II	12
99	TANGT	171	172	1	7	70.00	675.00	0.0	0.0	0.0	1	II	12
100	TANGT	172	173	1	14	70.00	675.00	0.0	0.0	0.0	1	II	12
101	TANGT	173	174	1	7	70.00	675.00	0.0	0.0	0.0	1	II	12
102	TANGT	170	175	1	4	70.00	675.00	0.0	0.0	0.0	1	II	36
103	TANGT	175	39	1	4	70.00	675.00	0.0	0.0	0.0	1	II	798
104	BEND	39	40	1	4	70.00	675.00					IC	
						(9.000)	( )	(-1504.064)	(7659.000)	(773.062)	(0.1000)		
													12
105	TANGT	40	176	1	4	70.00	675.00	0.0	0.0	0.0	1	II	798
106	TANGT	176	41	1	4	70.00	675.00	0.0	0.0	0.0	1	II	792
107	BEND	41	42	1	4	70.00	675.00					IC	
						(9.000)	( )	(-1504.064)	(7634.000)	(773.062)	(0.1000)		
													12

P I P E E L E M E N T I N P U T D A T A

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
108	TANGT	42	43	1	4	70.00	675.00	0.0	0.0	0.0	1	II	12
109	BEND	43	44	1	4	70.00	675.00					IC	
						(9.000)	( )	(-1504.064)	(7634.000)	(738.625)	(0.1000)		
													12
110	TANGT	44	177	1	4	70.00	675.00	0.0	0.0	0.0	1	II	780
111	TANGT	177	178	1	4	70.00	675.00	0.0	0.0	0.0	1	II	12
112	TANGT	178	45	1	4	70.00	675.00	0.0	0.0	0.0	1	II	780
113	BEND	45	46	1	4	70.00	675.00					IC	
						(9.000)	( )	(-1710.000)	(7634.000)	(738.625)	(0.1000)		
													12
114	TANGT	46	179	1	4	70.00	675.00	0.0	0.0	0.0	1	II	780
115	TANGT	179	180	1	4	70.00	675.00	0.0	0.0	0.0	1	II	12
116	TANGT	180	181	1	4	70.00	675.00	0.0	0.0	0.0	1	II	12
117	TANGT	181	182	1	4	70.00	675.00	0.0	0.0	0.0	1	II	12
118	TANGT	182	183	1	3	70.00	675.00	0.0	0.0	0.0	1	II	12
119	TANGT	183	59	1	3	70.00	675.00	0.0	0.0	0.0	1	II	726
120	TANGT	59	184	1	4	70.00	675.00	0.0	0.0	0.0	1	II	732
121	TANGT	59	185	1	3	70.00	675.00	0.0	0.0	0.0	1	II	738
122	TANGT	185	47	1	3	70.00	675.00	0.0	0.0	0.0	1	II	B10
123	BEND	47	48	1	3	70.00	675.00					IC	
						(15.000)	( )	(-2076.503)	(7634.000)	(626.573)	(0.1000)		
													12
124	TANGT	48	186	1	3	70.00	675.00	0.0	0.0	0.0	1	II	810
125	TANGT	186	187	1	3	70.00	675.00	0.0	0.0	0.0	1	II	12
126	TANGT	187	188	1	3	70.00	675.00	0.0	0.0	0.0	1	II	12
127	TANGT	188	49	1	3	70.00	675.00	0.0	0.0	0.0	1	II	B16
128	BEND	49	50	1	3	70.00	675.00					IC	
						(15.000)	( )	(-2200.702)	(7634.000)	(486.174)	(0.1000)		
													12
129	TANGT	50	189	1	3	70.00	675.00	0.0	0.0	0.0	1	II	816
130	BEND	51	52	1	3	70.00	675.00					IC	
						(15.000)	( )	(-2173.739)	(7634.000)	(462.319)	(0.1000)		
													12
131	TANGT	52	53	1	3	70.00	675.00	0.0	0.0	0.0	1	II	12
132	TANGT	184	58	1	4	70.00	675.00	0.0	0.0	0.0	1	II	738
133	BEND	58	57	1	4	70.00	675.00					IC	
						(9.000)	( )	(-2051.405)	(7659.000)	(633.640)	(0.1000)		
													12
134	TANGT	57	208	1	4	70.00	675.00	0.0	0.0	0.0	1	II	B88
135	TANGT	208	207	1	4	70.00	675.00	0.0	0.0	0.0	1	II	12
136	TANGT	207	206	1	4	70.00	675.00	0.0	0.0	0.0	1	II	12
137	TANGT	206	205	1	7	70.00	675.00	0.0	0.0	0.0	1	II	12
138	TANGT	205	204	1	7	70.00	675.00	0.0	0.0	0.0	1	II	12
139	TANGT	204	203	1	7	70.00	675.00	0.0	0.0	0.0	1	II	12
140	BEND	203	202	1	7	70.00	675.00					IC	
						(4.000)	( )	(-1883.096)	(7649.625)	(685.098)	(0.1000)		
													12
141	TANGT	202	201	1	7	70.00	675.00	0.0	0.0	0.0	1	II	12
142	TANGT	201	200	1	7	70.00	675.00	0.0	0.0	0.0	1	II	12
143	TANGT	200	199	1	4	70.00	675.00	0.0	0.0	0.0	1	II	12

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND
144	TANGT	199	56	1	4	70.00	675.00	0.0	0.0	0.0	1	II 840
145	BEND	56	55	1	4	70.00	675.00					IC
						(9.000)	( )	(-1848.669)	(7659.000)	(695.623)	(0.1000)	
												12
146	TANGT	55	252	1	4	70.00	675.00	0.0	0.0	0.0	1	II 1164
147	TANGT	196	193	1	21	70.00	675.00	0.0	0.0	0.0	1	II 24
148	TANGT	103	60	1	19	70.00	675.00	0.0	0.0	0.0	1	II 240
149	BEND	60	61	1	19	70.00	675.00					IC
						(15.000)	( )	(-1214.175)	(7572.000)	(556.653)	(0.1000)	
												12
150	TANGT	61	209	1	18	70.00	675.00	0.0	0.0	0.0	1	II B70
151	TANGT	212	213	1	3	70.00	50.00	0.0	0.0	0.0	1	II 12
152	TANGT	213	62	1	3	70.00	50.00	0.0	0.0	0.0	1	II 888
153	BEND	62	63	1	3	70.00	50.00					IC
						(15.000)	( )	(-1172.937)	(7572.000)	(454.625)	(0.1000)	
												12
154	TANGT	63	64	1	3	70.00	50.00	0.0	0.0	0.0	1	II 12
155	BEND	64	65	1	3	70.00	50.00					IC
						(15.000)	( )	(-1072.875)	(7572.000)	(454.625)	(0.1000)	
												12
156	TANGT	65	66	1	3	70.00	50.00	0.0	0.0	0.0	1	II 12
157	BEND	66	67	1	3	70.00	50.00					IC
						(15.000)	( )	(-1072.875)	(7632.000)	(454.625)	(0.1000)	
												12
158	TANGT	67	214	1	3	70.00	50.00	0.0	0.0	0.0	1	II 864
159	TANGT	214	68	1	3	70.00	50.00	0.0	0.0	0.0	1	II 858
160	BEND	68	69	1	3	70.00	50.00					IC
						(15.000)	( )	(-980.125)	(7632.000)	(294.000)	(0.1000)	
												12
161	TANGT	69	215	1	3	70.00	50.00	0.0	0.0	0.0	1	II B58
162	TANGT	215	70	1	3	70.00	50.00	0.0	0.0	0.0	1	II 852
163	TANGT	70	216	1	2	70.00	50.00	0.0	0.0	0.0	1	II 858
164	TANGT	70	217	1	2	70.00	50.00	0.0	0.0	0.0	1	II 864
165	BEND	217	71	1	2	70.00	50.00					IC
						(18.000)	(CC)	(-970.125)	(7614.000)	(250.000)	(0.1000)	
												858
166	BEND	71	72	1	2	70.00	50.00					IC
						(18.000)	(CC)	(-970.125)	(7614.000)	(250.000)	(0.1000)	
												12
167	TANGT	72	218	1	2	70.00	50.00	0.0	0.0	0.0	1	II 858
168	TANGT	218	219	1	2	70.00	50.00	0.0	0.0	0.0	1	II 12
169	TANGT	222	223	1	2	70.00	50.00	0.0	0.0	0.0	1	II 12
170	TANGT	226	73	1	2	70.00	50.00	0.0	0.0	0.0	1	II 900
171	BEND	73	74	1	2	70.00	50.00					IC
						(18.000)	( )	(-952.125)	(7482.000)	(250.000)	(0.1000)	
												12
172	TANGT	74	227	1	2	70.00	50.00	0.0	0.0	0.0	1	II 900
173	TANGT	227	75	1	2	70.00	50.00	0.0	0.0	0.0	1	II 6
174	TANGT	216	228	1	2	70.00	50.00	0.0	0.0	0.0	1	II 78
175	TANGT	228	76	1	2	70.00	50.00	0.0	0.0	0.0	1	II 900

P I P E E L E M E N T I N P U T D A T A

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
176	TANGT	76	77	1	2	70.00	50.00	0.0	0.0	0.0	1	II	12
177	BEND	77	78	1	2	70.00	50.00					IC	
						(18.000)	( )	(-1056.000)	(7632.000)	(250.000)	(0.1000)		
													12
178	TANGT	78	231	1	2	70.00	50.00	0.0	0.0	0.0	1	II	906
179	TANGT	231	232	1	2	70.00	50.00	0.0	0.0	0.0	1	II	12
180	TANGT	235	79	1	2	70.00	50.00	0.0	0.0	0.0	1	II	924
181	BEND	79	80	1	2	70.00	50.00					IC	
						(18.000)	( )	(-1056.000)	(7932.000)	(250.000)	(0.1000)		
													12
182	TANGT	80	81	1	2	70.00	50.00	0.0	0.0	0.0	1	II	6
183	TANGT	76	229	1	5	70.00	50.00	0.0	0.0	0.0	1	II	906
184	TANGT	229	230	1	5	70.00	50.00	0.0	0.0	0.0	1	II	12
185	TANGT	230	236	1	5	70.00	50.00	0.0	0.0	0.0	1	II	42
186	TANGT	236	237	1	5	70.00	50.00	0.0	0.0	0.0	1	II	12
187	TANGT	240	82	1	5	70.00	50.00	0.0	0.0	0.0	1	II	942
188	BEND	82	83	1	5	70.00	50.00					IC	
						(6.000)	( )	(-1012.125)	(7494.000)	(250.000)	(0.1000)		
													12
189	TANGT	83	84	1	5	70.00	50.00	0.0	0.0	0.0	1	II	12
190	BEND	84	85	1	5	70.00	50.00					IC	
						(6.000)	( )	(-984.000)	(7494.000)	(240.000)	(0.1000)		
													12
191	TANGT	85	241	1	5	70.00	50.00	0.0	0.0	0.0	1	II	930
192	TANGT	241	86	1	5	70.00	50.00	0.0	0.0	0.0	1	II	924
193	TANGT	86	242	1	5	70.00	50.00	0.0	0.0	0.0	1	II	930
194	TANGT	86	243	1	5	70.00	50.00	0.0	0.0	0.0	1	II	936
195	BEND	242	87	1	5	70.00	50.00					IC	
						(6.000)	(CC)	(-979.875)	(7440.000)	(246.000)	(0.1000)		
													924
196	BEND	87	88	1	5	70.00	50.00					IC	
						(6.000)	(CC)	(-979.875)	(7440.000)	(246.000)	(0.1000)		
													12
197	TANGT	88	244	1	5	70.00	50.00	0.0	0.0	0.0	1	II	930
198	TANGT	247	89	1	5	70.00	50.00	0.0	0.0	0.0	1	II	6
199	BEND	243	90	1	5	70.00	50.00					IC	
						(6.000)	(CC)	(-988.125)	(7440.000)	(234.000)	(0.1000)		
													918
200	BEND	90	91	1	5	70.00	50.00					IC	
						(6.000)	(CC)	(-988.125)	(7440.000)	(234.000)	(0.1000)		
													12
201	TANGT	91	248	1	5	70.00	50.00	0.0	0.0	0.0	1	II	942
202	TANGT	251	92	1	5	70.00	50.00	0.0	0.0	0.0	1	II	6
203	BEND	160	31	1	1	70.00	675.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		
													756
204	TANGT	189	51	1	3	70.00	675.00	0.0	0.0	0.0	1	II	B10
205	TANGT	200	206	1	4	70.00	675.00	0.0	0.0	0.0	1	II	42
206	TANGT	104	105	2	22	70.00	2500.00	0.0	0.0	0.0	1	II	12
207	TANGT	105	106	2	23	70.00	2500.00	0.0	0.0	0.0	1	II	12

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
208	TANGT	105	107	2	22	70.00	2500.00	0.0	0.0	0.0	1	II	18
209	TANGT	111	112	2	13	70.00	2500.00	0.0	0.0	0.0	1	II	12
210	TANGT	112	113	2	26	70.00	2500.00	0.0	0.0	0.0	1	II	12
211	TANGT	112	114	2	13	70.00	2500.00	0.0	0.0	0.0	1	II	18
212	TANGT	125	126	2	8	70.00	2500.00	0.0	0.0	0.0	1	II	12
213	TANGT	126	127	2	23	70.00	2500.00	0.0	0.0	0.0	1	II	12
214	TANGT	126	128	2	8	70.00	2500.00	0.0	0.0	0.0	1	II	18
215	TANGT	135	136	2	8	70.00	2500.00	0.0	0.0	0.0	1	II	12
216	TANGT	136	137	2	23	70.00	2500.00	0.0	0.0	0.0	1	II	12
217	TANGT	136	138	2	8	70.00	2500.00	0.0	0.0	0.0	1	II	18
218	TANGT	144	145	2	13	70.00	2500.00	0.0	0.0	0.0	1	II	12
219	TANGT	145	146	2	26	70.00	2500.00	0.0	0.0	0.0	1	II	12
220	TANGT	145	147	2	13	70.00	2500.00	0.0	0.0	0.0	1	II	18
221	TANGT	153	154	2	14	70.00	2500.00	0.0	0.0	0.0	1	II	12
222	TANGT	156	157	2	22	70.00	2500.00	0.0	0.0	0.0	1	II	12
223	TANGT	157	158	2	23	70.00	2500.00	0.0	0.0	0.0	1	II	12
224	TANGT	157	159	2	22	70.00	2500.00	0.0	0.0	0.0	1	II	18
225	TANGT	166	38	1	11	70.00	675.00	0.0	0.0	0.0	1	II	750
226	TANGT	38	167	1	25	70.00	675.00	0.0	0.0	0.0	1	II	756
227	TANGT	38	168	1	11	70.00	675.00	0.0	0.0	0.0	1	II	762
228	TANGT	198	54	1	11	70.00	675.00	0.0	0.0	0.0	1	II	846
229	TANGT	54	197	1	25	70.00	675.00	0.0	0.0	0.0	1	II	840
230	TANGT	54	196	1	11	70.00	675.00	0.0	0.0	0.0	1	II	834
231	TANGT	209	210	1	10	70.00	675.00	0.0	0.0	0.0	1	II	12
232	TANGT	210	211	1	24	70.00	675.00	0.0	0.0	0.0	1	II	12
233	TANGT	210	212	1	10	70.00	675.00	0.0	0.0	0.0	1	II	18
234	TANGT	219	220	1	9	70.00	50.00	0.0	0.0	0.0	1	II	12
235	TANGT	220	221	1	27	70.00	50.00	0.0	0.0	0.0	1	II	12
236	TANGT	220	222	1	9	70.00	50.00	0.0	0.0	0.0	1	II	18
237	TANGT	223	224	1	9	70.00	50.00	0.0	0.0	0.0	1	II	12
238	TANGT	224	225	1	27	70.00	50.00	0.0	0.0	0.0	1	II	12
239	TANGT	224	226	1	9	70.00	50.00	0.0	0.0	0.0	1	II	18
240	TANGT	232	233	1	9	70.00	50.00	0.0	0.0	0.0	1	II	12
241	TANGT	233	234	1	27	70.00	50.00	0.0	0.0	0.0	1	II	12
242	TANGT	233	235	1	9	70.00	50.00	0.0	0.0	0.0	1	II	18
243	TANGT	244	245	1	12	70.00	50.00	0.0	0.0	0.0	1	II	12
244	TANGT	245	246	1	28	70.00	50.00	0.0	0.0	0.0	1	II	12
245	TANGT	245	247	1	12	70.00	50.00	0.0	0.0	0.0	1	II	18
246	TANGT	248	249	1	12	70.00	50.00	0.0	0.0	0.0	1	II	12
247	TANGT	249	250	1	28	70.00	50.00	0.0	0.0	0.0	1	II	12
248	TANGT	249	251	1	12	70.00	50.00	0.0	0.0	0.0	1	II	18
249	TANGT	237	238	1	12	70.00	50.00	0.0	0.0	0.0	1	II	12
250	TANGT	238	239	1	28	70.00	50.00	0.0	0.0	0.0	1	II	12
251	TANGT	238	240	1	12	70.00	50.00	0.0	0.0	0.0	1	II	18
252	TANGT	120	121	2	14	70.00	2500.00	0.0	0.0	0.0	1	II	12
253	TANGT	252	198	1	4	70.00	675.00	0.0	0.0	0.0	1	II	330

B R A N C H P O I N T D A T A

BRANCH POINT	NODE NUMBER	C O N N E C T I O N S . . .			
1	6	-8AT J	9AT I	10AT I	0NONE
2	9	-17AT J	18AT I	19AT I	0NONE
3	14	-40AT J	41AT I	42AT I	0NONE
4	29	-60AT J	61AT I	62AT I	0NONE
5	59	-119AT J	120AT I	121AT I	0NONE
6	70	-162AT J	163AT I	164AT I	0NONE
7	76	-175AT J	176AT I	183AT I	0NONE
8	86	-192AT J	193AT I	194AT I	0NONE
9	108	-25AT J	26AT I	35AT I	0NONE
10	116	-30AT J	31AT I	32AT I	0NONE
11	141	-76AT J	77AT I	86AT I	0NONE
12	149	-81AT J	82AT I	83AT I	0NONE
13	170	-97AT J	98AT I	102AT I	0NONE
14	200	-142AT J	143AT I	205AT I	0NONE
15	206	-136AT J	137AT I	-205AT J	0NONE

B O U N D A R Y E L E M E N T S

ELEMENT TYPE = 7
NUMBER OF ELEMENTS = 37

ELEMENT LOAD CASE MULTIPLIERS

CASE(A)	CASE(B)	CASE(C)	CASE(D)
0.0	0.0	1.0000	0.0

ELEMENT NUMBER	NODE (N)	NODES DEFINING CONSTRAINT DIRECTION (NI)	(NJ)	(NK)	(NL)	CODE KD	CODE KR	GENERATION CODE (KN)	SPECIFIED DISPLACEMENT	SPECIFIED ROTATION	SPRING RATE
1	23	306	0	0	0	1	1	0	0.2000D-03	0.8600D-03	0.1000D+14
2	23	307	0	0	0	1	1	0	-0.6520D-01	-0.1000D-04	0.1000D+14
3	23	308	0	0	0	1	1	0	0.1031D+01	0.0	0.1000D+14
4	53	309	0	0	0	1	1	0	-0.2780D-01	0.0	0.1000D+14
5	53	310	0	0	0	1	1	0	0.7760D-01	0.0	0.1000D+14
6	53	311	0	0	0	1	1	0	0.3260D-01	0.0	0.1000D+14
7	98	253	0	0	0	1	0	0	0.0	0.0	0.1000D+11
8	10	256	0	0	0	1	0	0	0.0	0.0	0.1000D+11
9	12	257	0	0	0	1	0	0	0.0	0.0	0.1000D+11
10	117	258	0	0	0	1	0	0	0.0	0.0	0.1000D+11
11	122	260	0	0	0	1	0	0	0.0	0.0	0.1000D+11
12	132	262	0	0	0	1	0	0	0.0	0.0	0.1000D+11
13	134	265	0	0	0	1	0	0	0.0	0.0	0.1000D+11
14	140	267	0	0	0	1	0	0	0.0	0.0	0.1000D+11
15	150	269	0	0	0	1	0	0	0.0	0.0	0.1000D+11
16	155	271	0	0	0	1	0	0	0.0	0.0	0.1000D+11
17	160	273	0	0	0	1	0	0	0.0	0.0	0.1000D+11
18	162	274	0	0	0	1	0	0	0.0	0.0	0.1000D+11
19	190	290	0	0	0	1	0	0	0.0	0.0	0.1000D+11
20	190	291	0	0	0	1	0	0	0.0	0.0	0.1000D+11
21	181	285	0	0	0	1	0	0	0.0	0.0	0.1000D+11
22	199	293	0	0	0	1	0	0	0.0	0.0	0.1000D+11
23	208	295	0	0	0	1	0	0	0.0	0.0	0.1000D+11
24	191	292	0	0	0	1	0	0	0.0	0.0	0.1000D+11
25	213	296	0	0	0	1	0	0	0.0	0.0	0.1000D+11
26	214	297	0	0	0	1	0	0	0.0	0.0	0.1000D+11
27	218	298	0	0	0	1	0	0	0.0	0.0	0.1000D+11
28	228	299	0	0	0	1	0	0	0.0	0.0	0.1000D+11
29	231	301	0	0	0	1	0	0	0.0	0.0	0.1000D+11
30	231	300	0	0	0	1	0	0	0.0	0.0	0.1000D+11
31	236	303	0	0	0	1	0	0	0.0	0.0	0.1000D+11
32	236	302	0	0	0	1	0	0	0.0	0.0	0.1000D+11
33	169	277	0	0	0	1	0	0	0.0	0.0	0.1000D+11
34	176	279	0	0	0	1	0	0	0.0	0.0	0.1000D+11
35	177	281	0	0	0	1	0	0	0.0	0.0	0.1000D+11
36	178	282	0	0	0	1	0	0	0.0	0.0	0.1000D+11
37	179	283	0	0	0	1	0	0	0.0	0.0	0.1000D+11

OUNDARY ELEMENTS

ELEMENT TYPE = 7
8 NUMBER OF ELEMENTS = 2

ELEMENT LOAD CASE MULTIPLIERS

CASE(A)	CASE(B)	CASE(C)	CASE(D)
1.0000	0.0	0.0	0.0

ELEMENT NUMBER	NODE (N)	NODES DEFINING CONSTRAINT DIRECTION (NI)	(NJ)	(NK)	(NL)	CODE KD	CODE KR	GENERATION CODE (KN)	SPECIFIED DISPLACEMENT	SPECIFIED ROTATION	SPRIN RATE
1	133	264	0	0	0	1	0	0	0.0	0.0	0.9000D+03
2	8	2 9	0	0	0	1	0		.0	0.0	+

1

1

1

1

11

11

3 +11

FORM 126-P-130 NEW 8-76

B A N D W I D T H M I N I M I Z A T I O N

MINBND (BANDWIDTH CONTROL PARAMETER)= 1

REQUIRED BLANK COMMON FOR THIS STEP= 1715

REQUIRED BLANK COMMON FOR THIS STEP= 2915

EQUATION NUMBERS AFTER BANDWIDTH MINIMIZATION

NODE	SEQUENCE	X	Y	Z	XX	YY	ZZ
1	247	0	0	0	0	0	0
2	140	835	836	837	838	839	840
3	144	859	860	861	862	863	864
4	148	883	884	885	886	887	888
5	152	907	908	909	910	911	912
6	157	937	938	939	940	941	942
7	164	979	980	981	982	983	984
8	166	991	992	993	994	995	996
9	173	1033	1034	1035	1036	1037	1038
10	169	1009	1010	1011	1012	1013	1014
11	167	997	998	999	1000	1001	1002
12	158	943	944	945	946	947	948
13	156	931	932	933	934	935	936
14	118	703	704	705	706	707	708
15	107	637	638	639	640	641	642
16	103	613	614	615	616	617	618
17	96	571	572	573	574	575	576
18	93	553	554	555	556	557	558
19	90	535	536	537	538	539	540
20	87	517	518	519	520	521	522
21	81	481	482	483	484	485	486
22	77	457	458	459	460	461	462
23	73	433	434	435	436	437	438
24	248	0	0	0	0	0	0
25	3	13	14	15	16	17	18
26	4	19	20	21	22	23	24
27	7	37	38	39	40	41	42
28	10	55	56	57	58	59	60
29	13	73	74	75	76	77	78
30	29	169	170	171	172	173	174
31	57	337	338	339	340	341	342
32	75	445	446	447	448	449	450
33	79	469	470	471	472	473	474
34	91	541	542	543	544	545	546
35	94	559	560	561	562	563	564
36	151	901	902	903	904	905	906
37	147	877	878	879	880	881	882
38	139	829	830	831	832	833	834
39	116	691	692	693	694	695	696
40	110	655	656	657	658	659	660
41	102	607	608	609	610	611	612
42	99	589	590	591	592	593	594
43	95	565	566	567	568	569	570
44	92	547	548	549	550	551	552
45	83	493	494	495	496	497	498
46	80	475	476	477	478	479	480
47	49	289	290	291	292	293	294
48	44	259	260	261	262	263	264
49	30	175	176	177	178	179	180

50	25	145	146	147	148	149	150
51	17	97	98	99	100	101	102
52	14	79	80	81	82	83	84
53	11	61	62	63	64	65	66
54	8	43	44	45	46	47	48
55	18	103	104	105	106	107	108
56	21	121	122	123	124	125	126
57	45	265	266	267	268	269	270
58	50	295	296	297	298	299	300
59	58	343	344	345	346	347	348
60	175	1045	1046	1047	1048	1049	1050
61	176	1051	1052	1053	1054	1055	1056
62	187	1117	1118	1119	1120	1121	1122
63	189	1129	1130	1131	1132	1133	1134
64	191	1141	1142	1143	1144	1145	1146
65	194	1159	1160	1161	1162	1163	1164
66	196	1171	1172	1173	1174	1175	1176
67	199	1189	1190	1191	1192	1193	1194
68	206	1231	1232	1233	1234	1235	1236
69	209	1249	1250	1251	1252	1253	1254
70	214	1279	1280	1281	1282	1283	1284
71	208	1243	1244	1245	1246	1247	1248
72	205	1225	1226	1227	1228	1229	1230
73	183	1093	1094	1095	1096	1097	1098
74	181	1081	1082	1083	1084	1085	1086
75	249	0	0	0	0	0	0
76	219	1309	1310	1311	1312	1313	1314
77	217	1297	1298	1299	1300	1301	1302
78	215	1285	1286	1287	1288	1289	1290
79	200	1195	1196	1197	1198	1199	1200
80	197	1177	1178	1179	1180	1181	1182
81	250	0	0	0	0	0	0
82	230	1375	1376	1377	1378	1379	1380
83	232	1387	1388	1389	1390	1391	1392
84	234	1399	1400	1401	1402	1403	1404
85	236	1411	1412	1413	1414	1415	1416
86	239	1429	1430	1431	1432	1433	1434
87	241	1441	1442	1443	1444	1445	1446
88	242	1447	1448	1449	1450	1451	1452
89	251	0	0	0	0	0	0
90	235	1405	1406	1407	1408	1409	1410
91	233	1393	1394	1395	1396	1397	1398
92	252	0	0	0	0	0	0
93	130	775	776	777	778	779	780
94	136	811	812	813	814	815	816
95	155	925	926	927	928	929	930
96	154	919	920	921	922	923	924
97	159	949	950	951	952	953	954
98	162	967	968	969	970	971	972
99	168	1003	1004	1005	1006	1007	1008
100	170	1015	1016	1017	1018	1019	1020
101	172	1027	1028	1029	1030	1031	1032
102	171	1021	1022	1023	1024	1025	1026
103	174	1039	1040	1041	1042	1043	1044
104	165	985	986	987	988	989	990
105	163	973	974	975	976	977	978
106	161	961	962	963	964	965	966
107	160	955	956	957	958	959	960
108	153	913	914	915	916	917	918
109	150	895	896	897	898	899	900

110	146	871	872	873	874	875	876
111	142	847	848	849	850	851	852
112	138	823	824	825	826	827	828
113	133	793	794	795	796	797	798
114	132	787	788	789	790	791	792
115	128	763	764	765	766	767	768
116	124	739	740	741	742	743	744
117	120	715	716	717	718	719	720
118	119	709	710	711	712	713	714
119	115	685	686	687	688	689	690
120	114	679	680	681	682	683	684
121	109	649	650	651	652	653	654
122	149	889	890	891	892	893	894
123	145	865	866	867	868	869	870
124	141	841	842	843	844	845	846
125	137	817	818	819	820	821	822
126	131	781	782	783	784	785	786
127	127	757	758	759	760	761	762
128	126	751	752	753	754	755	756
129	123	733	734	735	736	737	738
130	113	673	674	675	676	677	678
131	112	667	668	669	670	671	672
132	100	595	596	597	598	599	600
133	84	499	500	501	502	503	504
134	108	643	644	645	646	647	648
135	104	619	620	621	622	623	624
136	101	601	602	603	604	605	606
137	98	583	584	585	586	587	588
138	97	577	578	579	580	581	582
139	88	523	524	525	526	527	528
140	85	505	506	507	508	509	510
141	82	487	488	489	490	491	492
142	78	463	464	465	466	467	468
143	74	439	440	441	442	443	444
144	70	415	416	417	418	419	420
145	67	397	398	399	400	401	402
146	64	379	380	381	382	383	384
147	63	373	374	375	376	377	378
148	59	349	350	351	352	353	354
149	56	331	332	333	334	335	336
150	52	307	308	309	310	311	312
151	51	301	302	303	304	305	306
152	47	277	278	279	280	281	282
153	46	271	272	273	274	275	276
154	42	247	248	249	250	251	252
155	71	421	422	423	424	425	426
156	68	403	404	405	406	407	408
157	65	385	386	387	388	389	390
158	61	361	362	363	364	365	366
159	60	355	356	357	358	359	360
160	53	313	314	315	316	317	318
161	48	283	284	285	286	287	288
162	43	253	254	255	256	257	258
163	39	229	230	231	232	233	234
164	36	211	212	213	214	215	216
165	33	193	194	195	196	197	198
166	143	853	854	855	856	857	858
167	135	805	806	807	808	809	810
168	134	799	800	801	802	803	804
169	129	769	770	771	772	773	774

170	125	745	746	747	748	749	750
171	122	727	728	729	730	731	732
172	117	697	698	699	700	701	702
173	111	661	662	663	664	665	666
174	106	631	632	633	634	635	636
175	121	721	722	723	724	725	726
176	105	625	626	627	628	629	630
177	89	529	530	531	532	533	534
178	86	511	512	513	514	515	516
179	76	451	452	453	454	455	456
180	72	427	428	429	430	431	432
181	69	409	410	411	412	413	414
182	66	391	392	393	394	395	396
183	62	367	368	369	370	371	372
184	55	325	326	327	328	329	330
185	54	319	320	321	322	323	324
186	40	235	236	237	238	239	240
187	37	217	218	219	220	221	222
188	34	199	200	201	202	203	204
189	20	115	116	117	118	119	120
190	24	139	140	141	142	143	144
191	19	109	110	111	112	113	114
192	16	91	92	93	94	95	96
193	9	49	50	51	52	53	54
194	2	7	8	9	10	11	12
195	1	1	2	3	4	5	6
196	6	31	32	33	34	35	36
197	5	25	26	27	28	29	30
198	12	67	68	69	70	71	72
199	26	151	152	153	154	155	156
200	31	181	182	183	184	185	186
201	27	157	158	159	160	161	162
202	22	127	128	129	130	131	132
203	23	133	134	135	136	137	138
204	28	163	164	165	166	167	168
205	32	187	188	189	190	191	192
206	35	205	206	207	208	209	210
207	38	223	224	225	226	227	228
208	41	241	242	243	244	245	246
209	177	1057	1058	1059	1060	1061	1062
210	180	1075	1076	1077	1078	1079	1080
211	178	1063	1064	1065	1066	1067	1068
212	182	1087	1088	1089	1090	1091	1092
213	184	1099	1100	1101	1102	1103	1104
214	202	1207	1208	1209	1210	1211	1212
215	212	1267	1268	1269	1270	1271	1272
216	216	1291	1292	1293	1294	1295	1296
217	211	1261	1262	1263	1264	1265	1266
218	201	1201	1202	1203	1204	1205	1206
219	198	1183	1184	1185	1186	1187	1188
220	195	1165	1166	1167	1168	1169	1170
221	193	1153	1154	1155	1156	1157	1158
222	192	1147	1148	1149	1150	1151	1152
223	190	1135	1136	1137	1138	1139	1140
224	188	1123	1124	1125	1126	1127	1128
225	186	1111	1112	1113	1114	1115	1116
226	185	1105	1106	1107	1108	1109	1110
227	179	1069	1070	1071	1072	1073	1074
228	218	1303	1304	1305	1306	1307	1308
229	220	1315	1316	1317	1318	1319	1320

230	221	1321	1322	1323	1324	1325	1326
231	213	1273	1274	1275	1276	1277	1278
232	210	1255	1256	1257	1258	1259	1260
233	207	1237	1238	1239	1240	1241	1242
234	204	1219	1220	1221	1222	1223	1224
235	203	1213	1214	1215	1216	1217	1218
236	222	1327	1328	1329	1330	1331	1332
237	223	1333	1334	1335	1336	1337	1338
238	225	1345	1346	1347	1348	1349	1350
239	224	1339	1340	1341	1342	1343	1344
240	228	1363	1364	1365	1366	1367	1368
241	238	1423	1424	1425	1426	1427	1428
242	240	1435	1436	1437	1438	1439	1440
243	237	1417	1418	1419	1420	1421	1422
244	243	1453	1454	1455	1456	1457	1458
245	245	1465	1466	1467	1468	1469	1470
246	246	1471	1472	1473	1474	1475	1476
247	244	1459	1460	1461	1462	1463	1464
248	231	1381	1382	1383	1384	1385	1386
249	229	1369	1370	1371	1372	1373	1374
250	227	1357	1358	1359	1360	1361	1362
251	226	1351	1352	1353	1354	1355	1356
252	15	85	86	87	88	89	90
253	253	0	0	0	0	0	0
254	254	0	0	0	0	0	0
255	255	0	0	0	0	0	0
256	256	0	0	0	0	0	0
257	257	0	0	0	0	0	0
258	258	0	0	0	0	0	0
259	259	0	0	0	0	0	0
260	260	0	0	0	0	0	0
261	261	0	0	0	0	0	0
262	262	0	0	0	0	0	0
263	263	0	0	0	0	0	0
264	264	0	0	0	0	0	0
265	265	0	0	0	0	0	0
266	266	0	0	0	0	0	0
267	267	0	0	0	0	0	0
268	268	0	0	0	0	0	0
269	269	0	0	0	0	0	0
270	270	0	0	0	0	0	0
271	271	0	0	0	0	0	0
272	272	0	0	0	0	0	0
273	273	0	0	0	0	0	0
274	274	0	0	0	0	0	0
275	275	0	0	0	0	0	0
276	276	0	0	0	0	0	0
277	277	0	0	0	0	0	0
278	278	0	0	0	0	0	0
279	279	0	0	0	0	0	0
280	280	0	0	0	0	0	0
281	281	0	0	0	0	0	0
282	282	0	0	0	0	0	0
283	283	0	0	0	0	0	0
284	284	0	0	0	0	0	0
285	285	0	0	0	0	0	0
286	286	0	0	0	0	0	0
287	287	0	0	0	0	0	0
288	288	0	0	0	0	0	0
289	289	0	0	0	0	0	0

290	290	0	0	0	0	0	0
291	291	0	0	0	0	0	0
292	292	0	0	0	0	0	0
293	293	0	0	0	0	0	0
294	294	0	0	0	0	0	0
295	295	0	0	0	0	0	0
296	296	0	0	0	0	0	0
297	297	0	0	0	0	0	0
298	298	0	0	0	0	0	0
299	299	0	0	0	0	0	0
300	300	0	0	0	0	0	0
301	301	0	0	0	0	0	0
302	302	0	0	0	0	0	0
303	303	0	0	0	0	0	0
304	304	0	0	0	0	0	0
305	305	0	0	0	0	0	0
306	306	0	0	0	0	0	0
307	307	0	0	0	0	0	0
308	308	0	0	0	0	0	0
309	309	0	0	0	0	0	0
310	310	0	0	0	0	0	0
311	311	0	0	0	0	0	0

BANDWIDTH PRIOR TO RESEQUENCING= 1164
BANDWIDTH AFTER RESEQUENCING = 42

BANDWIDTH MINIMIZATION TIME LOG

READ FILE AND SET UP MINIMIZATION= 0.05
PERFORM THE MINIMIZATION = 0.30
REWRITE THE DATA FILES = 1.05

TOTAL FOR MINIMIZATION = 1.40

REQUIRED BLANK COMMON FOR THIS STEP= 8464

E Q U A T I O N P A R A M E T E R S

TOTAL NUMBER OF EQUATIONS	=	1476
BANDWIDTH	=	42
NUMBER OF EQUATIONS IN A BLOCK	=	944
NUMBER OF BLOCKS	=	2

NODAL LOADS (STATIC) OR MASSES (DYNAMIC)

NODE NUMBER	LOAD CASE	X-AXIS FORCE	Y-AXIS FORCE	Z-AXIS FORCE	X-AXIS MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
106	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
113	0	1.26800D+00	1.26800D+00	1.26800D+00	0.0	0.0	0.0
121	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
127	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
137	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
146	0	1.26800D+00	1.26800D+00	1.26800D+00	0.0	0.0	0.0
154	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
158	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
167	0	1.81200D+00	1.81200D+00	1.81200D+00	0.0	0.0	0.0
173	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
197	0	1.81200D+00	1.81200D+00	1.81200D+00	0.0	0.0	0.0
204	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
211	0	4.91700D+00	4.91700D+00	4.91700D+00	0.0	0.0	0.0
221	0	9.32000D-01	9.32000D-01	9.32000D-01	0.0	0.0	0.0
225	0	9.32000D-01	9.32000D-01	9.32000D-01	0.0	0.0	0.0
234	0	9.32000D-01	9.32000D-01	9.32000D-01	0.0	0.0	0.0
239	0	5.05000D-01	5.05000D-01	5.05000D-01	0.0	0.0	0.0
246	0	5.05000D-01	5.05000D-01	5.05000D-01	0.0	0.0	0.0
250	0	5.05000D-01	5.05000D-01	5.05000D-01	0.0	0.0	0.0
106	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
113	1	0.0	-4.90000D+02	0.0	0.0	0.0	0.0
121	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
127	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
133	1	0.0	2.42800D+03	0.0	0.0	0.0	0.0
137	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
146	1	0.0	-4.90000D+02	0.0	0.0	0.0	0.0
154	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
158	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
167	1	0.0	-7.00000D+02	0.0	0.0	0.0	0.0
173	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
189	1	0.0	1.33700D+03	0.0	0.0	0.0	0.0
197	1	0.0	-7.00000D+02	0.0	0.0	0.0	0.0
204	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
211	1	0.0	-1.90000D+03	0.0	0.0	0.0	0.0
221	1	0.0	-3.60000D+02	0.0	0.0	0.0	0.0
225	1	0.0	-3.60000D+02	0.0	0.0	0.0	0.0
234	1	0.0	-3.60000D+02	0.0	0.0	0.0	0.0
239	1	0.0	-1.95000D+02	0.0	0.0	0.0	0.0
246	1	0.0	-1.95000D+02	0.0	0.0	0.0	0.0
250	1	0.0	-1.95000D+02	0.0	0.0	0.0	0.0

ALL EQUATIONS HAVE STIFFNESS ATTACHED

STRUCTURE LOAD CASE	ELEMENT A	LOAD B	MULTIPLIERS C	D
1	0.0	1.000	0.0	1.000
2	0.0	0.0	1.000	0.0

STIFFNESS MATRIX PARAMETERS

MINIMUM NON-ZERO DIAGONAL ELEMENT= 4.707D+04

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MAXIMUM DIAGONAL ELEMENT          = 1.000D+13
MAXIMUM/MINIMUM                   = 2.125D+08
AVERAGE DIAGONAL ELEMENT          = 8.267D+10
DENSITY OF THE MATRIX             =  9.4 PCT.

REQUIRED BLANK COMMON FOR THIS STEP=   4688
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W E I G H T A N D C G C A L C U L A T I O N S

LOCATION OF REFERENCE POINT FOR MOMENT OF INERTIA CALCULATION

X= -1668.0000

Y= 7482.0000

Z= 0.0

MASS DIRECTION	MASS	WEIGHT	X-CG	Y-CG	Z-CG
X	2.031D+02	7.846D+04	3.276D+02	8.330D+01	4.724D+02
Y	2.031D+02	7.846D+04	3.276D+02	8.330D+01	4.724D+02
Z	2.031D+02	7.846D+04	3.276D+02	8.330D+01	4.724D+02

MOMENTS OF INERTIA ABOUT THE REFERENCE POINT USING THE GLOBAL COORDINATES

I(X)= 5.3598D+07

I(Y)= 8.5438D+07

I(Z)= 3.6371D+07

REQUIRED BLANK COMMON FOR THIS STEP= 6577

STATIC ANALYSIS

LOAD CASE 1

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.01616D-03	-4.31882D-03	-8.37134D-03	-1.24227D-05	-6.10373D-05	-9.55730D-05
3	4.11964D-03	-4.18902D-03	-1.22684D-02	-2.79205D-04	-1.87382D-04	-1.66032D-04
4	7.29391D-03	-2.77452D-03	-1.70548D-02	-2.54644D-04	-2.00375D-04	-1.85880D-04
5	1.04233D-02	-2.43538D-03	-1.78116D-02	7.89186D-06	-2.71301D-04	-8.12724D-05
6	1.67070D-02	-8.17495D-04	-1.05045D-02	1.49426D-04	-3.69673D-04	-2.25040D-05
7	2.96499D-02	-3.95178D-03	4.93691D-03	1.78808D-05	-3.82026D-04	-1.96940D-04
8	6.51526D-02	-1.74502D-02	3.67825D-02	7.60678D-05	-3.44338D-04	1.26262D-05
9	8.95077D-02	-7.05306D-04	4.86272D-02	-2.90270D-05	-7.81161D-05	1.07865D-04
10	9.12589D-02	-5.88955D-07	4.83918D-02	-1.21835D-04	-3.65938D-05	3.47025D-05
11	8.83794D-02	-2.27197D-02	3.87206D-02	1.78650D-04	1.85986D-04	-4.90002D-07
12	7.09388D-02	-7.85975D-07	3.26143D-02	3.51468D-04	3.14222D-04	9.28139D-05
13	6.57717D-02	2.99194D-03	3.15403D-02	2.25585D-04	-1.17939D-04	1.62468D-04
14	5.19081D-02	-1.84583D-04	3.79479D-02	-3.87622D-06	1.72591D-04	-1.12114D-04
15	3.40189D-02	6.69422D-04	3.11365D-02	3.86280D-05	2.98352D-04	-8.90612D-06
16	2.95209D-02	1.10893D-03	2.90992D-02	4.31403D-05	-1.85705D-04	6.40217D-05
17	2.11381D-02	-1.02477D-02	1.65814D-02	4.30147D-05	-1.01193D-04	1.00306D-04
18	1.80233D-02	-1.15845D-02	1.36377D-02	3.39615D-05	-3.88695D-04	4.15384D-05
19	1.24498D-02	-1.22777D-02	1.01700D-02	3.63285D-05	-3.86218D-04	5.29675D-06
20	9.37220D-03	-1.20539D-02	7.34626D-03	2.50678D-05	-8.80651D-05	-5.71819D-05
21	4.49340D-03	-6.26985D-03	2.20453D-03	1.83664D-05	-1.09134D-04	-1.78392D-04
22	2.32020D-03	-3.07799D-03	7.45557D-04	1.46543D-05	2.84969D-05	1.30774D-04
23	-4.11739D-13	-5.95296D-11	-3.11704D-11	1.88648D-09	2.57280D-09	1.02784D-08
25	-8.36353D-04	-1.00347D-02	-7.77121D-03	-9.60084D-05	5.17956D-05	-5.41843D-05
26	6.97675D-04	-1.23506D-02	-1.43925D-02	-2.97934D-04	4.00800D-05	-1.45958D-04
27	2.29105D-03	-1.14894D-02	-1.75859D-02	-2.83623D-04	3.86496D-05	-1.46719D-04
28	3.40139D-03	-6.94255D-03	-2.11926D-02	-1.02732D-04	-4.73514D-05	2.54548D-04
29	4.25553D-03	-4.15318D-03	-2.06663D-02	-8.55064D-05	-4.73908D-05	2.37247D-04
30	2.48640D-02	-1.49837D-02	2.63881D-02	2.68484D-05	-3.53136D-04	-1.12931D-04
31	6.64944D-02	-1.22797D-03	8.99722D-02	-8.14690D-05	9.42395D-05	-3.51008D-05
32	6.18037D-02	9.87129D-04	7.32931D-02	3.63633D-05	2.31681D-04	1.20503D-04
33	6.19616D-02	1.96251D-03	6.86997D-02	1.86189D-05	-2.45742D-04	1.48274D-04
34	6.89904D-02	-1.12157D-02	4.76768D-02	6.18921D-05	-1.37063D-04	1.32041D-04
35	6.80236D-02	-1.04464D-02	4.61594D-02	1.34364D-04	1.73325D-04	8.18272D-05
36	1.25616D-02	-6.22522D-03	-7.26624D-03	3.47562D-04	-3.16341D-04	-2.07785D-04
37	1.41274D-02	-1.06023D-02	-2.47401D-03	2.12018D-04	-1.38951D-04	-3.56504D-04
38	2.46270D-02	-5.06761D-03	-7.22545D-03	7.16235D-07	8.01951D-05	2.44852D-04
39	2.34895D-02	-3.09545D-02	5.01903D-03	4.42029D-04	2.36060D-04	3.65863D-04
40	2.46353D-02	-3.44956D-02	2.00782D-03	6.62308D-04	1.06143D-04	-8.07931D-06
41	2.45781D-02	-3.48920D-02	-2.76669D-03	7.03807D-04	1.00089D-04	-1.41669D-05
42	2.31230D-02	-2.84654D-02	-9.97875D-03	7.91649D-04	1.27858D-04	-9.34150D-05
43	2.09625D-02	-1.48241D-02	-1.09155D-02	8.51891D-04	1.44538D-04	-1.38059D-04
44	1.98919D-02	-4.83401D-03	-1.13494D-02	9.51777D-04	-5.75357D-05	-2.17227D-04
45	8.83524D-03	-6.14741D-02	1.81352D-02	1.02512D-03	2.62788D-04	9.98910D-06
46	8.56579D-03	-6.09015D-02	1.88921D-02	1.04259D-03	3.28645D-04	-1.31745D-04
47	-2.11479D-02	-1.28460D-02	4.09930D-02	-1.28429D-04	-2.36887D-04	2.07341D-04
48	-2.08444D-02	-1.48767D-02	3.93785D-02	-1.20729D-04	-1.37197D-04	1.94028D-04
49	9.35843D-05	2.18350D-03	4.83277D-03	2.84188D-04	-3.03825D-04	-2.81286D-04
50	2.44550D-03	5.90178D-03	2.26364D-03	1.77813D-05	1.09550D-04	-3.38414D-04
51	2.34076D-03	4.40346D-03	1.49638D-03	-6.43893D-06	1.07708D-04	-3.39965D-04
52	1.04051D-06	2.91996D-04	1.23609D-05	7.77120D-06	-9.53864D-08	-2.61800D-06
53	-6.32908D-12	4.36283D-11	-4.80138D-12	8.27984D-10	-7.90852D-12	-2.69513D-10
54	5.18303D-03	1.71607D-03	-4.62775D-04	-1.12694D-04	1.10274D-04	-1.36861D-04

55	9.54879D-04	-7.13119D-03	-3.52123D-03	-3.32068D-04	2.04162D-04	-4.56796D-05
56	-1.82362D-03	-1.19286D-02	-2.79427D-03	-4.63954D-04	2.17179D-04	7.13295D-05
57	-2.70257D-02	-1.91137D-03	4.21695D-02	-3.03591D-04	9.70146D-05	2.89096D-04
58	-2.41939D-02	-6.76280D-03	4.41161D-02	-1.36364D-04	-1.27213D-04	2.16634D-04
59	-2.10806D-02	-7.74390D-03	4.61169D-02	-1.10417D-04	-2.10319D-04	1.73772D-04
60	8.75865D-02	7.57156D-04	4.72086D-02	-1.05841D-04	-1.69908D-05	5.77180D-05
61	8.74335D-02	-9.22064D-04	4.34446D-02	-1.06849D-04	1.15544D-04	9.96034D-06
62	7.65811D-02	7.14983D-04	3.69744D-02	1.13707D-04	1.46569D-04	-2.72205D-05
63	7.55203D-02	8.92208D-04	3.55236D-02	1.09504D-04	6.70906D-05	-6.46282D-05
64	7.58726D-02	-1.28015D-03	3.06739D-02	1.95095D-04	9.07956D-05	2.46242D-05
65	7.46339D-02	-1.10245D-04	3.10753D-02	1.89674D-04	2.18285D-04	7.99611D-05
66	7.24209D-02	8.44220D-05	3.69190D-02	1.92230D-04	2.84736D-04	5.57690D-05
67	6.84571D-02	4.84930D-04	3.65165D-02	-9.28127D-05	3.88423D-04	-1.72139D-04
68	1.07812D-02	-2.07559D-02	2.31541D-03	2.51389D-04	3.12545D-04	-3.23317D-04
69	9.05041D-03	-1.93151D-02	1.75585D-03	2.89827D-04	1.48138D-04	-3.25789D-04
70	5.47484D-03	-8.16325D-03	1.56024D-03	2.16109D-04	1.41907D-05	-3.82774D-04
71	3.21193D-03	-1.83750D-02	9.22338D-04	1.42781D-04	-5.51067D-05	-4.05119D-04
72	-2.13407D-04	-2.02471D-02	2.07483D-04	4.04769D-05	-8.53917D-05	-1.21352D-04
73	-2.76396D-03	-2.12167D-02	-1.10992D-03	-1.17464D-05	-4.03061D-05	4.19227D-05
74	-6.43995D-04	-1.81566D-02	-5.19987D-05	-6.30250D-05	-4.15568D-06	2.22087D-04
76	5.25605D-03	9.08035D-04	1.22853D-03	1.66893D-04	-2.63085D-05	-1.02381D-04
77	5.07957D-03	3.85255D-04	2.53733D-04	1.30814D-04	-4.14676D-05	6.31297D-05
78	4.87275D-04	-3.82828D-03	-9.57800D-06	6.53780D-06	-1.17010D-04	1.61229D-04
79	-1.27958D-03	-2.58391D-03	-1.60191D-03	4.33285D-05	-6.00517D-05	-5.74350D-05
80	-4.15686D-05	-4.70120D-04	8.05322D-05	3.64087D-05	-4.64065D-06	-5.38569D-06
82	1.36698D-03	5.43249D-05	6.71430D-04	-4.70305D-05	2.39108D-05	9.51938D-05
83	1.62360D-03	7.48257D-05	7.28788D-04	-4.76652D-05	4.25613D-05	-6.97769D-06
84	1.42231D-03	-4.23201D-04	-9.94841D-06	-3.04763D-05	4.08745D-05	-2.14378D-05
85	1.23276D-03	-6.09684D-04	-1.16617D-04	-9.99891D-06	3.79080D-05	-2.40847D-05
86	2.07134D-05	-7.40904D-04	-3.74459D-06	-1.12970D-06	6.44928D-06	-1.10910D-05
87	5.01854D-05	-6.93358D-04	-3.95431D-05	-2.67674D-05	1.40662D-07	9.36409D-06
88	4.43980D-05	-5.17453D-04	-2.30756D-05	-3.55071D-05	-2.45331D-06	7.31013D-06
90	-1.19786D-05	-5.86373D-04	3.54770D-05	1.90584D-05	2.12672D-06	-1.37213D-05
91	-1.76987D-05	-4.44389D-04	2.33040D-05	2.93227D-05	-3.19246D-07	-9.15487D-06
93	-3.25472D-04	-1.54096D-03	-2.53864D-03	-6.51105D-05	-2.06747D-05	-1.46201D-05
94	3.48206D-04	-4.18243D-03	-6.58253D-03	-4.19957D-05	-4.95490D-05	-6.79923D-05
95	1.40229D-02	-1.61016D-03	-1.36624D-02	1.40891D-04	-3.65708D-04	6.91247D-06
96	1.40910D-02	-3.66880D-03	-8.48566D-03	3.12570D-04	-3.33882D-04	-1.58555D-04
97	1.94195D-02	-1.64159D-04	-7.28977D-03	1.26173D-04	-3.75478D-04	-5.09218D-05
98	2.15651D-02	-4.06307D-07	-4.73519D-03	9.96542D-05	-3.78830D-04	-8.85099D-05
99	7.70219D-02	-1.19680D-02	4.38325D-02	1.10249D-04	-2.58942D-04	1.23981D-04
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101	8.81605D-02	-1.77379D-03	4.84877D-02	1.64293D-05	-1.10134D-04	1.33982D-04
102	9.06410D-02	-2.10722D-05	4.85464D-02	-7.79134D-05	-5.33160D-05	7.09848D-05
103	8.84872D-02	-3.35741D-05	4.81837D-02	-6.27730D-05	-4.99846D-05	8.72551D-05
104	8.66748D-02	-2.09345D-02	3.804 0D-02	2.69690D-04	2.24871D-04	2.35524D-05
105	8.17119D-02	-1.47085D-02	3.61388D-02	3.29589D-04	2.49021D-04	3.78010D-05
106	8.10098D-02	-1.22945D-02	4.43950D-02	3.29589D-04	2.49021D-04	3.37739D-05
107	7.62253D-02	-6.96233D-03	3.42306D-02	3.67576D-04	2.74748D-04	6.02408D-05
108	6.50539D-02	1.65334D-03	3.06729D-02	2.09119D-04	-9.94798D-05	1.63830D-04
109	6.57503D-02	2.09905D-03	3.01821D-02	-2.37119D-05	-9.94798D-05	2.22412D-04
110	6.60487D-02	1.88424D-03	2.99717D-02	-8.13461D-05	-9.94798D-05	2.47519D-04
111	6.65213D-02	1.29754D-03	2.96386D-02	-1.22166D-04	-9.94798D-05	2.87272D-04
112	6.71181D-02	5.33078D-04	2.93226D-02	-1.04292D-04	-9.94798D-05	3.12883D-04
113	5.79184D-02	1.10220D-03	2.54850D-02	-1.46350D-04	-9.94798D-05	3.57367D-04
114	6.77150D-02	9.57860D-05	2.90067D-02	-5.49107D-05	-9.94798D-05	3.12883D-04
115	6.79761D-02	8.80768D-06	2.88298D-02	-2.80762D-05	-9.94798D-05	3.12883D-04
116	6.83119D-02	-2.08387D-05	2.86099D-02	-7.12153D-06	-9.94798D-05	3.12883D-04
117	6.86476D-02	-2.06037D-08	2.83900D-02	-3.96278D-07	-9.94798D-05	3.12883D-04
118	6.91332D-02	-1.26794D-04	2.86630D-02	-3.33150D-05	-9.94798D-05	3.12883D-04

119	6.94062D-02	-1.09864D-05	2.78932D-02	-1.37308D-06	-9.94798D-05	3.12883D-04
120	7.08150D-02	-3.43505D-04	2.89862D-02	-8.69494D-05	-9.94798D-05	3.12883D-04
121	7.23016D-02	-7.15319D-04	2.92547D-02	-9.21038D-05	-9.94798D-05	3.12883D-04
122	6.41567D-02	-1.94018D-07	2.97953D-02	1.91074D-04	-7.66485D-05	1.62765D-04
123	6.24518D-02	-3.11727D-03	2.87509D-02	1.56789D-04	-3.40121D-05	1.44793D-04
124	5.81449D-02	-7.30395D-03	2.96376D-02	7.01752D-05	6.93644D-05	-5.58845D-07
125	5.72477D-02	-7.11768D-03	3.04380D-02	5.21306D-05	9.01191D-05	-4.31313D-05
126	5.53406D-02	-5.65626D-03	3.26011D-02	2.97548D-05	1.15337D-04	-1.00685D-04
127	5.77744D-02	-3.26037D-03	3.30880D-02	2.57276D-05	1.15337D-04	-1.00685D-04
128	5.34335D-02	-2.74698D-03	3.52863D-02	1.55701D-05	1.39853D-04	-1.34205D-04
129	5.28951D-02	-1.80843D-03	3.61621D-02	8.70672D-06	1.51496D-04	-1.33516D-04
130	5.38274D-02	1.43493D-04	3.89344D-02	4.80401D-06	1.75024D-04	-8.19437D-05
131	4.99100D-02	-2.72067D-04	3.69621D-02	-3.95573D-06	1.90740D-04	-9.71761D-05
132	2.81732D-02	-3.87045D-07	2.64854D-02	4.31201D-05	-1.65541D-04	9.61086D-05
133	7.99738D-03	-1.09461D-02	5.99992D-03	2.31794D-05	-9.06602D-05	-8.24256D-05
134	5.68356D-02	-1.48030D-06	4.04589D-02	8.30475D-05	1.77377D-04	-3.53167D-05
135	5.95121D-02	-2.27054D-03	4.18041D-02	1.60271D-04	1.78034D-04	5.82480D-06
136	6.32553D-02	-6.25112D-03	4.37104D-02	1.71175D-04	1.77257D-04	3.98358D-05
137	6.22532D-02	-4.25789D-03	4.87899D-02	1.74023D-04	1.77257D-04	4.26834D-05
138	6.69660D-02	-9.59644D-03	4.56167D-02	1.46588D-04	1.74940D-04	6.80548D-05
139	6.72489D-02	-7.01732D-03	5.47912D-02	-2.62579D-06	-1.64155D-04	1.85296D-04
140	6.39312D-02	-4.18380D-07	6.42055D-02	-4.85970D-08	-2.16989D-04	1.69938D-04
141	6.28033D-02	1.22829D-03	6.68418D-02	1.21220D-05	-2.33684D-04	1.54606D-04
142	6.43072D-02	1.24631D-03	6.76514D-02	-1.34033D-04	-2.33684D-04	5.21723D-05
143	6.49516D-02	9.65436D-04	6.79984D-0	-1.68521D-04	-2.33684D-04	3.64190D-05
144	6.59720D-02	4.03618D-04	6.85477D-02	-1.89513D-04	-2.33684D-04	4.50957D-05
145	6.71870D-02	-1.81258D-04	6.93158D-02	-1.73620D-04	-2.33684D-04	8.01029D-05
146	6.52618D-02	9.29124D-04	6.39730D-02	-2.05001D-04	-2.33684D-04	8.18239D-05
147	6.84017D-02	-3.66652D-04	7.00840D-02	-1.34513D-04	-2.33684D-04	1.19210D-04
148	6.89605D-02	-3.31075D-04	7.03926D-02	-1.13291D-04	-2.33684D-04	1.40432D-04
149	6.96735D-02	-1.93562D-04	7.07947D-02	-9.67225D-05	-2.33684D-04	1.57001D-04
150	7.03866D-02	-2.25715D-08	7.11968D-02	-9.13832D-05	-2.33684D-04	1.62340D-04
151	7.00613D-02	-2.99517D-04	7.10729D-02	-1.15248D-04	-2.33684D-04	1.38475D-04
152	7.19979D-02	3.74631D-04	7.21056D-02	-9.20741D-05	-2.33684D-04	1.61649D-04
153	7.07037D-02	-5.16228D-04	7.17943D-02	-1.53182D-04	-2.33684D-04	1.00542D-04
154	7.15752D-02	-7.60666D-04	7.27687D-02	-1.56827D-04	-2.33684D-04	9.68959D-05
155	6.26572D-02	-2.49866D-07	7.52876D-02	3.63891D-05	2.16243D-04	1.14293D-04
156	6.52380D-02	-3.21694D-03	8.28126D-02	-1.02283D-05	1.51058D-04	4.06523D-05
157	6.59410D-02	-3.25415D-03	8.62259D-02	-4.33791D-05	1.31226D-04	-9.27184D-07
158	6.63931D-02	-8.57666D-04	8.50752D-02	-4.05314D-05	1.31226D-04	-3.77485D-06
159	6.64291D-02	-1.79720D-03	8.93999D-02	-7.26180D-05	1.11470D-04	-2.80274D-05
160	6.64980D-02	-5.64570D-07	9.09934D-02	-8.08604D-05	6.62147D-05	-3.06772D-05
161	6.08011D-02	1.98227D-03	9.22736D-02	-4.91126D-05	-1.31222D-04	1.99872D-05
162	4.68149D-02	-2.36203D-07	7.88292D-02	4.97335D-06	-3.02174D-04	1.27079D-04
163	4.37906D-02	-2.62885D-03	7.44246D-02	2.80892D-05	-3.26167D-04	1.69363D-04
164	4.17137D-02	-4.81082D-03	7.10703D-02	3.88166D-05	-3.40621D-04	1.83119D-04
165	3.14977D-02	-1.56040D-02	4.93322D-02	4.87185D-05	-3.82698D-04	8.88417D-05
166	2.63033D-02	-5.20648D-03	-7.19648D-03	-6.86260D-06	7.78187D-05	2.34829D-04
167	2.21732D-02	-4.95617D-03	-7.18640D-03	7.77445D-07	8.01951D-05	2.45140D-04
168	2.45950D-02	-7.04505D-03	-6.55939D-03	1.16864D-05	8.30016D-05	2.54454D-04
169	2.41459D-02	-1.09563D-02	-5.13232D-03	1.11084D-04	1.28060D-04	3.18481D-04
170	2.35663D-02	-2.56341D-02	2.11299D-03	3.63537D-04	2.28448D-04	3.69114D-04
171	2.47888D-02	-2.57119D-02	9.08954D-04	3.63537D-04	2.28448D-04	3.69114D-04
172	2.57809D-02	-2.57750D-02	-6.82323D-05	3.63537D-04	2.28448D-04	3.69114D-04
173	2.76726D-02	-2.58248D-02	-1.93136D-03	3.63537D-04	2.28448D-04	3.69114D-04
174	3.01642D-02	-2.59761D-02	-4.38523D-03	3.63537D-04	2.28448D-04	3.69114D-04
175	2.35254D-02	-2.82764D-02	3.55493D-03	4.02804D-04	2.33813D-04	3.67574D-04
176	2.46159D-02	-3.46656D-02	-4.63051D-09	6.79896D-04	1.03548D-04	-1.01029D-05
177	1.68994D-02	-6.51924D-08	-1.08532D-02	9.71627D-04	7.29056D-05	2.09661D-04
178	1.28152D-02	-3.88208D-02	2.16008D-09	9.98719D-04	2.21531D-04	5.80066D-04

179	-5.94803D-03	-6.49309D-08	4.58043D-02	6.79786D-04	2.25109D-04	-2.00885D-05
180	-1.76990D-02	-1.98632D-02	5.98264D-02	2.61817D-04	2.78467D-05	7.04443D-05
181	-1.82961D-02	-1.94461D-02	5.98377D-02	2.51572D-04	8.69571D-06	2.42854D-06
182	-2.09567D-02	-5.18577D-03	4.95083D-02	-8.74282D-05	-2.03634D-04	1.26007D-04
183	-2.10163D-02	-6.24429D-03	4.79890D-02	-9.71154D-05	-2.06627D-04	1.45308D-04
184	-2.24948D-02	-7.26144D-03	4.52276D-02	-1.22917D-04	-1.71019D-04	1.97504D-04
185	-2.11269D-02	-9.62740D-03	4.41933D-02	-1.19831D-04	-2.20272D-04	1.94725D-04
186	-1.34846D-02	-2.30800D-02	2.52193D-02	7.99486D-05	-2.29480D-04	-3.93599D-05
187	-1.21124D-02	-2.18535D-02	2.29898D-02	1.19057D-04	-2.39981D-04	-8.13740D-05
188	-1.07503D-02	-2.01452D-02	2.08323D-02	1.54645D-04	-2.49458D-04	-1.19816D-04
189	2.39047D-03	5.20796D-03	1.88240D-03	5.81627D-06	1.08555D-04	-3.39160D-04
190	1.83469D-02	-2.17310D-07	3.68989D-08	-8.68211D-06	-2.46083D-04	-1.38065D-04
191	5.61327D-03	-3.37150D-07	-1.98430D-02	-7.81042D-05	-5.00389D-05	1.81215D-04
192	5.10897D-03	-1.42762D-03	-2.01545D-02	-8.08535D-05	-4.86447D-05	2.08970D-04
193	2.28697D-03	-3.70434D-03	-2.08533D-02	3.01434D-05	-3.48839D-05	1.85600D-04
194	-4.42652D-04	-7.93267D-03	-6.20287D-03	-1.13438D-04	4.83972D-05	-5.48811D-05
195	2.41515D-04	-2.40267D-03	-2.57867D-03	-1.00042D-04	2.79390D-05	-3.94167D-05
196	4.22497D-03	1.57875D-03	2.54672D-04	-9.56452D-05	1.08695D-04	-1.36242D-04
197	6.51551D-03	1.86191D-03	-1.61314D-03	-1.12976D-04	1.10274D-04	-1.36948D-04
198	4.36212D-03	3.99134D-04	-8.95488D-04	-1.31728D-04	1.12332D-04	-1.34921D-04
199	-2.93519D-03	-1.38578D-02	-8.97484D-04	-4.55951D-04	2.44459D-04	7.95984D-05
200	-5.28829D-03	-1.74529D-02	3.32301D-03	-4.25234D-04	2.77097D-04	4.80276D-05
201	-5.30613D-03	-1.75285D-02	4.67296D-03	-3.95416D-04	2.77866D-04	-4.14137D-05
202	-5.43425D-03	-1.75756D-02	5.47419D-03	-3.85135D-04	2.78346D-04	-7.07326D-05
203	-5.99649D-03	-1.81381D-02	8.09252D-03	-4.18137D-04	2.80289D-04	4.95828D-05
204	-6.80766D-03	-1.93591D-02	1.01296D-02	-4.01030D-04	2.84043D-04	7.95959D-06
205	-7.52314D-03	-2.01150D-02	1.19326D-02	-4.01953D-04	2.89191D-04	2.34270D-05
206	-7.85623D-03	-1.98972D-02	8.15384D-03	-3.79553D-04	3.00057D-04	-3.07807D-05
207	-1.34330D-02	-1.84138D-02	1.89691D-02	-2.68310D-04	3.13620D-04	-2.47539D-04
208	-2.65803D-02	-1.50372D-07	4.17204D-02	-2.84085D-04	1.15827D-04	2.05331D-04
209	8.56755D-02	-2.76136D-03	4.13203D-02	-4.54768D-05	1.42400D-04	-4.85553D-06
210	8.45481D-02	-3.14906D-03	4.06529D-02	-3.22929D-05	1.44390D-04	-3.50739D-06
211	8.46981D-02	-2.70250D-03	3.98641D-02	-3.19999D-05	1.44390D-04	-4.23193D-06
212	8.34060D-02	-3.34078D-03	3.99795D-02	-1.84531D-05	1.45911D-04	-9.77577D-07
213	7.76694D-02	-1.43131D-07	3.74543D-02	1.15021D-04	1.50915D-04	-1.38038D-05
214	6.74457D-02	-1.29159D-07	3.59164D-02	-1.00132D-04	3.92446D-04	-1.82672D-04
215	5.81879D-03	-1.05009D-02	1.60672D-03	2.52833D-04	5.19050D-05	-3.69234D-04
216	5.40647D-03	-4.22211D-03	1.60092D-03	2.00729D-04	-1.02765D-06	-3.28331D-04
217	5.53873D-03	-1.24182D-02	1.48812D-03	1.97182D-04	8.54429D-06	-4.12827D-04
218	-8.91183D-04	-2.03086D-02	-2.83437D-08	3.65937D-05	-8.28871D-05	-1.07790D-04
219	-3.64452D-03	-2.10571D-02	-1.30883D-03	-2.52176D-06	-4.94926D-05	1.91137D-05
220	-3.60500D-03	-2.10617D-02	-1.30350D-03	-2.74514D-06	-4.92831D-05	1.95872D-05
221	-3.58108D-03	-2.09637D-02	-1.03551D-03	-2.75179D-06	-4.92831D-05	1.94110D-05
222	-3.56442D-03	-2.10658D-02	-1.29774D-03	-2.96255D-06	-4.90737D-05	2.01745D-05
223	-3.07955D-03	-2.11843D-02	-1.19405D-03	-9.74101D-06	-4.23948D-05	3.66447D-05
224	-3.00499D-03	-2.11882D-02	-1.17430D-03	-9.94877D-06	-4.21853D-05	3.70905D-05
225	-2.97797D-03	-2.09967D-02	-9.42976D-04	-9.95543D-06	-4.21853D-05	3.69142D-05
226	-2.92944D-03	-2.11917D-02	-1.15414D-03	-1.01506D-05	-4.19758D-05	3.76501D-05
227	-4.44928D-04	-1.01130D-02	3.09593D-05	-6.71715D-05	1.78561D-06	2.19630D-04
228	5.31117D-03	-5.36974D-07	1.42827D-03	1.79292D-04	-1.83530D-05	-1.91690D-04
229	4.59560D-03	8.57868D-04	2.52638D-04	1.40525D-04	-2.36967D-05	-1.03801D-04
230	4.17824D-03	8.26719D-04	-2.75912D-04	1.24837D-04	-2.20580D-05	-1.03998D-04
231	3.47635D-08	-3.82209D-03	1.42458D-08	4.74529D-06	-1.16355D-04	1.55932D-04
232	-1.77694D-03	-2.62993D-03	-1.94847D-03	3.98361D-05	-6.12528D-05	-5.83017D-05
233	-1.66000D-03	-2.62594D-03	-1.86866D-03	4.02598D-05	-6.11433D-05	-5.82346D-05
234	-2.00755D-03	-2.83778D-03	-1.88568D-03	4.04361D-05	-6.11433D-05	-5.82265D-05
235	-1.54320D-03	-2.62146D-03	-1.78813D-03	4.05596D-05	-6.10338D-05	-5.81657D-05
236	-8.08675D-11	8.35052D-05	-1.11811D-09	-4.92900D-05	2.20343D-05	9.17615D-05
237	9.31331D-05	7.74577D-05	4.88033D-05	-4.86943D-05	2.24440D-05	9.54003D-05
238	6.79247D-04	6.58112D-05	3.38507D-04	-4.79968D-05	2.29726D-05	1.00265D-04

239	6.71788D-04	-6.04147D-04	4.83234D-04	-4.79968D-05	2.29726D-05	1.04510D-04
240	1.27116D-03	5.80256D-05	6.24392D-04	-4.74214D-05	2.35012D-05	9.73339D-05
241	7.78376D-05	-7.31057D-04	-6.17366D-06	-4.65509D-07	9.15277D-06	-1.56098D-05
242	-3.34522D-05	-7.59781D-04	-3.10006D-05	-1.11384D-05	4.77579D-06	-5.24501D-06
243	7.62126D-06	-6.81625D-04	2.29041D-05	7.84125D-06	4.89883D-06	-1.28702D-05
244	4.05631D-05	-4.77863D-04	-1.99281D-05	-3.52341D-05	-2.80720D-06	6.00017D-06
245	2.13479D-05	-2.63855D-04	-1.31115D-05	-3.32495D-05	-2.80696D-06	4.31005D-06
246	-5.80542D-06	-2.60393D-04	-2.22583D-04	-3.32495D-05	-2.80696D-06	4.31005D-06
247	4.48347D-06	-5.82794D-05	-6.29499D-06	-2.45354D-05	-2.02361D-06	2.61993D-06
248	-1.64018D-05	-4.11866D-04	2.01206D-05	2.94462D-05	-7.60644D-07	-7.51433D-06
249	-9.49973D-06	-2.31950D-04	1.32437D-05	2.83829D-05	-1.04309D-06	-5.39771D-06
250	2.45058D-05	-2.28488D-04	1.92056D-04	2.83829D-05	-1.04309D-06	-5.39771D-06
251	-2.37913D-06	-5.28302D-05	6.36682D-06	2.12926D-05	-8.33470D-07	-3.28108D-06
252	3.39753D-03	-1.77265D-03	-1.76109D-03	-2.32095D-04	1.36242D-04	-1.11392D-04

S T A T I C A N A L Y S I S

LOAD CASE 2

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-7.03335D-02	-7.14783D-02	-2.58221D-01	-5.92055D-04	-5.37221D-04	8.47186D-04
3	-4.96427D-02	-3.34540D-02	-2.91464D-01	1.39708D-03	-3.25928D-03	-8.80846D-04
4	-3.38255D-02	1.44293D-02	-2.64495D-01	1.47813D-03	-3.82090D-03	-9.32193D-04
5	1.31758D-02	5.06689D-02	-2.24033D-01	1.86727D-03	-4.74083D-03	-1.93637D-03
6	1.64744D-01	3.05870D-02	-1.02681D-01	1.96799D-03	-6.92831D-03	-2.87288D-03
7	4.67547D-01	-4.15507D-02	1.67213D-01	1.93251D-03	-7.62164D-03	-2.34531D-03
8	1.28223D+00	-7.83923D-02	7.17319D-01	1.74069D-03	-7.02438D-03	-1.17223D-03
9	1.98189D+00	-1.14433D-02	9.88977D-01	1.31710D-03	-4.79199D-03	-3.14429D-04
10	2.07624D+00	-2.66425D-07	1.01538D+00	1.05150D-03	-4.64401D-03	-3.14938D-04
11	2.60026D+00	1.55393D-02	8.98875D-01	-1.87846D-04	-1.89245D-03	-1.55194D-04
12	2.69328D+00	-6.68843D-08	5.04743D-01	-2.17976D-04	-8.78364D-04	-1.00755D-04
13	2.57603D+00	-2.02037D-03	3.79178D-01	-1.23115D-04	4.98591D-04	-1.09763D-04
14	1.65639D+00	6.09313D-03	6.57691D-01	2.65118D-04	2.84788D-03	2.46828D-04
15	1.40936D+00	4.08607D-02	2.03977D-01	6.18339D-04	3.65254D-03	1.13044D-03
16	1.20158D+00	2.54018D-02	1.64937D-01	7.24238D-04	4.31975D-03	1.62395D-03
17	6.44286D-01	-1.60044D-01	5.80628D-01	1.09537D-03	4.33620D-03	2.16601D-03
18	5.81192D-01	-1.99378D-01	6.80035D-01	1.15754D-03	4.04542D-03	2.15427D-03
19	5.57794D-01	-2.38303D-01	7.96433D-01	1.19331D-03	3.87723D-03	2.10564D-03
20	4.92151D-01	-2.76217D-01	8.87699D-01	1.18561D-03	3.44633D-03	1.97656D-03
21	1.67805D-01	-3.73635D-01	1.05193D+00	1.19175D-03	2.49528D-03	1.51950D-03
22	1.38501D-02	-2.72843D-01	1.07137D+00	9.89851D-04	1.04301D-03	4.53872D-04
23	2.00000D-04	-6.52000D-02	1.03100D+00	8.60015D-04	-9.93065D-06	4.13367D-08
25	2.81897D-02	-8.00243D-02	-2.48639D-01	-1.35720D-03	7.70049D-04	-1.66193D-04
26	2.99754D-02	-5.58180D-02	-3.38304D-01	-1.28891D-03	7.20293D-04	-1.90579D-04
27	3.19545D-02	-2.65345D-02	-3.52486D-01	-1.24393D-03	6.85116D-04	-2.03594D-04
28	9.64564D-02	1.76631D-02	-3.73427D-01	-1.87335D-04	-2.52134D-04	-6.45689D-04
29	1.25768D-01	1.03194D-02	-3.70484D-01	-8.31412D-05	-3.14363D-04	-6.26902D-04
30	8.33314D-01	5.69886D-03	5.37719D-01	-7.65178D-05	-7.49061D-03	9.54898D-06
31	2.21571D+00	-1.49831D-04	2.06369D+00	-4.38318D-05	-1.69053D-03	2.60681D-05
32	2.66917D+00	4.67745D-04	1.73048D+00	3.28220D-06	-1.38472D-05	7.50155D-05
33	2.64680D+00	1.19744D-03	1.55932D+00	3.67887D-05	1.47924D-03	1.15811D-04
34	2.00310D+00	-8.99761D-03	1.27245D+00	8.33086D-05	2.79646D-03	2.27997D-04
35	1.92364D+00	-8.97662D-03	1.20135D+00	1.13525D-04	2.91854D-03	2.29200D-04
36	9.74132D-02	-1.92286D-02	-1.94448D-02	1.35276D-03	-6.08012D-03	-4.42669D-03
37	1.35060D-01	-2.58178D-02	2.19793D-02	-1.00220D-03	-2.36138D-03	-8.64347D-03
38	1.13289D+00	2.80472D-01	-2.86980D-01	-3.73824D-03	1.99622D-03	-5.87048D-03
39	9.87751D-01	5.56450D-01	-7.88636D-02	-5.42017D-03	2.24655D-03	-4.10292D-04
40	9.85613D-01	5.32588D-01	-1.56156D-02	-5.15754D-03	6.46764D-04	3.19102D-03
41	1.00898D+00	5.13882D-01	2.08588D-02	-5.25108D-03	2.03564D-04	3.37678D-03
42	1.05660D+00	4.35546D-01	4.81436D-02	-6.39123D-03	-2.15789D-03	4.97913D-03
43	1.09590D+00	3.29544D-01	4.26368D-03	-6.41941D-03	-2.44907D-03	5.06549D-03
44	1.09334D+00	2.28690D-01	-3.90768D-02	-5.93645D-03	-1.69370D-03	4.82161D-03
45	5.73336D-01	-8.94630D-02	3.47535D-01	-2.44962D-03	5.89502D-03	-1.13294D-03
46	5.63979D-01	-8.71460D-02	3.62239D-01	-2.37632D-03	6.04852D-03	-1.33809D-03
47	-7.35626D-01	-1.01359D-01	1.18159D+00	1.70184D-03	-3.22325D-03	7.00985D-04
48	-7.35001D-01	-9.71380D-02	1.14190D+00	1.90845D-03	-5.04796D-03	4.10532D-04
49	-2.25004D-01	9.63231D-02	9.37124D-02	1.50407D-03	-6.55810D-03	7.52391D-04
50	-1.09171D-01	1.13075D-01	3.54256D-02	5.13000D-05	-3.47658D-03	1.12455D-03
51	-8.34682D-02	1.18349D-01	4.02815D-02	-3.63148D-05	-3.30963D-03	1.18625D-03
52	-2.80233D-02	8.82644D-02	3.25536D-02	2.76151D-05	-2.09421D-04	1.98243D-05
53	-2.78000D-02	7.76000D-02	3.26000D-02	2.66980D-09	-1.73632D-08	2.69054D-09
54	3.51974D-01	3.40919D-01	1.03859D-01	4.83961D-03	2.00225D-03	-1.54934D-03

55	3.00782D-01	4.80711D-01	-1.01585D-02	3.94368D-03	2.99277D-03	-2.15831D-04
56	2.29948D-01	5.09915D-01	-1.90939D-03	1.88096D-03	7.44436D-03	1.60336D-03
57	-7.02477D-01	-1.25040D-02	1.28091D+00	-6.42353D-04	3.75632D-03	2.27434D-03
58	-7.14512D-01	-5.26119D-02	1.28085D+00	1.39376D-03	-7.21065D-04	1.23198D-03
59	-6.98511D-01	-9.61684D-02	1.25924D+00	1.57033D-03	-2.60242D-03	8.19558D-04
60	1.98523D+00	4.71543D-02	1.02333D+00	1.59835D-03	-3.36863D-03	-2.62274D-04
61	2.02947D+00	9.00403D-02	1.01264D+00	-6.16680D-04	2.07643D-04	-7.99838D-04
62	2.04976D+00	-9.32491D-03	7.92778D-01	-2.45454D-05	3.33803D-04	-2.85222D-03
63	2.09126D+00	-4.52075D-02	8.03749D-01	9.23808D-04	-4.13642D-03	-2.96287D-03
64	2.25326D+00	-2.38208D-01	1.13137D+00	3.53089D-03	-3.60416D-03	-1.39933D-03
65	2.21557D+00	-1.74784D-01	1.19853D+00	3.08358D-03	6.52593D-04	7.83952D-03
66	1.96490D+00	-1.09738D-01	1.29456D+00	3.04815D-03	2.83547D-03	8.51666D-03
67	1.76694D+00	-8.72319D-03	1.24217D+00	-2.06178D-03	8.76913D-03	9.55108D-03
68	5.07627D-01	3.50385D-01	9.99940D-02	-3.02216D-03	8.36801D-03	9.57302D-03
69	4.61817D-01	3.49182D-01	6.91255D-02	-2.46139D-03	4.87733D-03	9.77707D-03
70	3.23725D-01	2.59092D-01	-1.74545D-02	-1.97331D-03	1.53277D-03	1.01544D-02
71	3.99898D-01	4.27928D-01	-2.50431D-02	-2.12155D-03	1.17702D-04	2.81341D-03
72	4.03443D-01	4.03239D-01	-4.52294D-03	-7.21935D-04	4.04259D-04	-3.49717D-03
73	-1.72339D-01	1.55101D-01	-3.95880D-02	8.21892D-04	3.00775D-04	-5.46795D-03
74	-2.08634D-01	6.08951D-02	-4.69436D-02	9.42200D-06	4.07436D-04	-1.46525D-03
76	2.53895D-01	-9.49570D-02	1.49978D-02	-1.68820D-03	6.55759D-04	1.18059D-02
77	1.97507D-01	-4.17051D-01	2.51948D-02	-1.49494D-03	2.64592D-04	1.23982D-02
78	1.20020D-02	-5.68620D-01	1.15238D-03	-3.62376D-04	-3.13653D-05	4.06538D-03
79	-2.13726D-02	-4.74153D-03	9.03596D-02	-2.31514D-04	-6.95537D-04	-1.38756D-03
80	-5.68003D-04	6.52327D-03	2.82876D-02	-4.97325D-04	-4.03947D-05	-1.75923D-04
82	-2.17404D-02	-3.74391D-01	-1.75393D-02	1.41563D-03	1.56640D-03	-7.31939D-04
83	2.38170D-02	-3.16445D-01	-4.77005D-02	6.09188D-03	1.35208D-03	1.63818D-02
84	5.07602D-02	1.75634D-02	-8.66135D-02	5.26821D-03	1.86046D-03	1.69581D-02
85	1.04751D-01	8.03482D-02	-1.14755D-01	-7.06202D-04	2.84348D-03	1.87981D-03
86	7.30006D-03	-2.10583D-02	-3.17642D-03	-1.84743D-03	6.04134D-03	-1.90292D-03
87	2.96069D-02	-2.40163D-02	-4.18766D-02	-2.27988D-03	1.21105D-03	1.02441D-04
88	2.81834D-02	-1.46479D-02	-3.22132D-02	-1.27344D-03	-2.01244D-03	-7.96907D-07
90	-1.68785D-02	-7.03143D-03	3.97355D-02	-6.20753D-04	2.27036D-03	-1.21737D-03
91	-2.01173D-02	-5.23289D-03	3.21387D-02	2.94811D-04	-1.32649D-03	-7.63861D-04
93	-2.66898D-02	-1.23164D-02	-8.26790D-02	-5.42026D-04	1.47697D-04	3.68474D-04
94	-6.27915D-02	-5.35933D-02	-2.05173D-01	-7.28827D-04	-1.96489D-04	7.46982D-04
95	1.03033D-01	4.83777D-02	-1.55223D-01	2.01802D-03	-6.74404D-03	-2.86723D-03
96	1.22256D-01	5.68907D-04	-5.12061D-02	1.61488D-03	-6.36949D-03	-3.83323D-03
97	2.27420D-01	1.30906D-02	-4.83041D-02	1.94725D-03	-7.12941D-03	-2.78537D-03
98	2.77255D-01	3.39520D-07	-4.40462D-03	1.94178D-03	-7.26673D-03	-2.69681D-03
99	1.57258D+00	-5.69237D-02	8.42797D-01	1.60652D-03	-6.31709D-03	-8.12784D-04
100	1.74157D+00	-4.04066D-02	9.08865D-01	1.50434D-03	-5.77859D-03	-6.06836D-04
101	1.92280D+00	-1.92002D-02	9.71206D-01	1.36868D-03	-5.06371D-03	-3.86554D-04
102	2.03978D+00	-4.04390D-03	1.00534D+00	1.15865D-03	-4.70838D-03	-3.10867D-04
103	1.98359D+00	1.55249D-02	1.00400D+00	1.50310D-03	-4.13692D-03	-2.16084D-04
104	2.61506D+00	1.37461D-02	8.63090D-01	-2.17303D-04	-1.59749D-03	-1.37319D-04
105	2.64679D+00	8.99117D-03	7.37668D-01	-2.28054D-04	-1.40965D-03	-1.26726D-04
106	2.66362D+00	1.68484D-01	7.34739D-01	-2.28054D-04	-1.40965D-03	-1.26726D-04
107	2.67438D+00	4.11118D-03	6.12245D-01	-2.29216D-04	-1.20318D-03	-1.16132D-04
108	2.52825D+00	-1.16761D-03	3.83815D-01	-9.98826D-05	6.53637D-04	-1.16677D-04
109	2.52368D+00	-1.57857D-03	3.42004D-01	-2.42983D-05	6.53637D-04	-1.16677D-04
110	2.52172D+00	-1.60348D-03	3.24085D-01	3.13047D-06	6.53637D-04	-1.16677D-04
111	2.51861D+00	-1.48734D-03	2.95713D-01	4.04676D-05	6.53637D-04	-1.16677D-04
112	2.51469D+00	-1.17814D-03	2.59875D-01	5.90787D-05	6.53637D-04	-1.16677D-04
113	2.50697D+00	1.60378D-01	2.53231D-01	5.90787D-05	6.53637D-04	-1.16677D-04
114	2.51077D+00	-7.75503D-04	2.24037D-01	7.16127D-05	6.53637D-04	-1.16677D-04
115	2.50905D+00	-5.73083D-04	2.12816D-01	7.83436D-05	6.53637D-04	-1.16677D-04
116	2.50685D+00	-2.92454D-04	2.03813D-01	8.35976D-05	6.53637D-04	-1.16677D-04
117	2.50464D+00	-4.15657D-09	1.94809D-01	8.53489D-05	6.53637D-04	-1.16677D-04
118	2.50654D+00	-7.29517D-03	2.03593D-01	8.35976D-05	6.53637D-04	-1.16677D-04

119	2.49966D+00	6.50781D-04	1.74468D-01	8.53489D-05	6.53637D-04	-1.16677D-04
120	2.50591D+00	-2.16341D-02	2.03144D-01	8.35976D-05	6.53637D-04	-1.16677D-04
121	2.50378D+00	-3.19226D-02	1.95980D-01	8.35976D-05	6.53637D-04	-1.16677D-04
122	2.46854D+00	3.88212D-07	3.91342D-01	-7.15442D-05	8.44527D-04	-1.30872D-04
123	2.35508D+00	2.86299D-03	4.10831D-01	-1.77011D-05	1.19829D-03	-1.49841D-04
124	2.06844D+00	9.32276D-03	4.89007D-01	1.18323D-04	2.03986D-03	-7.37225D-05
125	2.00873D+00	9.95513D-03	5.10271D-01	1.46662D-04	2.20579D-03	-3.54937D-05
126	1.88332D+00	1.02119D-02	5.58757D-01	1.81802D-04	2.40531D-03	2.67376D-05
127	1.87719D+00	1.70399D-01	5.50181D-01	1.81802D-04	2.40531D-03	2.67376D-05
128	1.75791D+00	8.95080D-03	6.11344D-01	2.16943D-04	2.59639D-03	1.09057D-04
129	1.72208D+00	8.20753D-03	6.27213D-01	2.33946D-04	2.68622D-03	1.55136D-04
130	1.68802D+00	3.43406D-03	7.23367D-01	2.29762D-04	2.88663D-03	2.44202D-04
131	1.62442D+00	9.37716D-03	5.92022D-01	3.25863D-04	2.96445D-03	3.74719D-04
132	1.11198D+00	-4.19644D-07	2.30712D-01	7.83904D-04	4.41261D-03	1.76960D-03
133	4.00752D-01	-3.06010D-01	9.39024D-01	1.18734D-03	3.22417D-03	1.88685D-03
134	1.73761D+00	-9.50301D-08	8.24867D-01	1.87075D-04	2.92943D-03	2.40145D-04
135	1.78184D+00	-2.55583D-03	9.14425D-01	1.57623D-04	2.94995D-03	2.36564D-04
136	1.84395D+00	-5.61361D-03	1.03982D+00	1.36865D-04	2.95088D-03	2.33605D-04
137	1.83290D+00	1.53575D-01	1.05768D+00	1.36865D-04	2.95088D-03	2.33605D-04
138	1.90589D+00	-8.27945D-03	1.16521D+00	1.20296D-04	2.93310D-03	2.30645D-04
139	2.26179D+00	-4.45499D-03	1.37105D+00	5.12520D-05	2.48669D-03	1.98804D-04
140	2.53928D+00	-1.19398D-07	1.49807D+00	3.95225D-05	1.83935D-03	1.41035D-04
141	2.60413D+00	7.51802D-04	1.53441D+00	3.85246D-05	1.63068D-03	1.24840D-04
142	2.62562D+00	1.26321D-03	1.49677D+00	-1.65912D-05	1.63068D-03	6.97211D-05
143	2.63483D+00	1.32643D-03	1.48065D+00	-3.65879D-05	1.63068D-03	4.97231D-05
144	2.64942D+00	1.26610D-03	1.45511D+00	-6.38140D-05	1.63068D-03	2.24949D-05
145	2.66784D+00	1.02231D-03	1.42284D+00	-7.73846D-05	1.63068D-03	8.92284D-06
146	2.66532D+00	1.62202D-01	1.41389D+00	-7.73846D-05	1.63068D-03	8.92284D-06
147	2.68627D+00	6.82243D-04	1.39059D+00	-8.65230D-05	1.63068D-03	-2.15517D-07
148	2.69118D+00	5.06372D-04	1.37963D+00	-9.14299D-05	1.63068D-03	-5.12243D-06
149	2.69365D+00	2.59280D-04	1.36937D+00	-9.52595D-05	1.63068D-03	-8.95211D-06
150	2.69613D+00	4.28648D-09	1.35912D+00	-9.65361D-05	1.63068D-03	-1.02287D-05
151	2.69363D+00	-6.74343D-03	1.36962D+00	-9.52595D-05	1.63068D-03	-8.95211D-06
152	2.70172D+00	-5.75671D-04	1.33594D+00	-9.65361D-05	1.63068D-03	-1.02287D-05
153	2.69358D+00	-2.10823D-02	1.37013D+00	-9.52595D-05	1.63068D-03	-8.95211D-06
154	2.69542D+00	-3.17739D-02	1.36272D+00	-9.52595D-05	1.63068D-03	-8.95211D-06
155	2.63045D+00	1.19561D-07	1.76775D+00	-5.37368D-06	-2.06918D-04	6.61509D-05
156	2.44879D+00	-6.45991D-04	1.91537D+00	-3.65115D-05	-1.01088D-03	3.41084D-05
157	2.34363D+00	-5.05298D-04	1.98540D+00	-4.17621D-05	-1.25094D-03	2.86483D-05
158	2.35037D+00	1.59384D-01	1.99577D+00	-4.17621D-05	-1.25094D-03	2.86483D-05
159	2.23418D+00	-2.27098D-04	2.05547D+00	-4.38084D-05	-1.48672D-03	2.63415D-05
160	2.18597D+00	-5.92059D-08	2.06827D+00	-4.19951D-05	-2.09380D-03	2.74263D-05
161	1.88539D+00	-3.05798D-04	1.98810D+00	-3.17865D-05	-4.88196D-03	3.10713D-05
162	1.45991D+00	2.44679D-08	1.64163D+00	-5.03092D-05	-7.18560D-03	-9.54334D-06
163	1.37627D+00	5.74657D-04	1.54406D+00	-5.63237D-05	-7.49074D-03	-2.11736D-05
164	1.31932D+00	1.07133D-03	1.47129D+00	-5.99295D-05	-7.66937D-03	-2.73942D-05
165	1.03675D+00	4.27593D-03	1.01527D+00	-7.25572D-05	-8.09762D-03	-3.30330D-05
166	1.09125D+00	2.61806D-01	-2.60844D-01	-3.72576D-03	1.94896D-03	-6.00377D-03
167	1.19077D+00	3.09595D-01	-3.23422D-01	-3.73824D-03	1.99622D-03	-5.87048D-03
168	1.11539D+00	3.31977D-01	-2.66762D-01	-3.76579D-03	2.03738D-03	-5.71277D-03
169	1.08760D+00	4.05850D-01	-2.31175D-01	-4.05591D-03	2.42348D-03	-4.31717D-03
170	1.01281D+00	5.34465D-01	-1.14475D-01	-5.04257D-03	2.58747D-03	-1.18182D-03
171	1.00890D+00	5.25629D-01	-9.77737D-02	-5.04257D-03	2.58747D-03	-1.18182D-03
172	1.00572D+00	5.18459D-01	-8.42193D-02	-5.04257D-03	2.58747D-03	-1.18182D-03
173	9.99663D-01	5.04787D-01	-5.83761D-02	-5.04257D-03	2.58747D-03	-1.18182D-03
174	9.91686D-01	4.86780D-01	-2.43387D-02	-5.04257D-03	2.58747D-03	-1.18182D-03
175	1.00038D+00	5.46469D-01	-9.61691D-02	-5.22802D-03	2.44134D-03	-7.80265D-04
176	9.95467D-01	5.24571D-01	-1.03695D-07	-5.19892D-03	4.56821D-04	3.28143D-03
177	9.52602D-01	8.88161D-08	-9.67241D-02	-4.99275D-03	-2.90491D-04	3.35324D-03
178	7.60516D-01	-1.25074D-01	8.53359D-08	-3.70474D-03	3.31216D-03	3.67745D-04

179	1.02386D-01	-2.88944D-08	9.04818D-01	-1.09165D-03	5.85814D-03	-8.66465D-04
180	-3.87102D-01	-2.63464D-02	1.35736D+00	1.21254D-04	2.72126D-03	7.15861D-04
181	-4.20089D-01	-3.30145D-02	1.37391D+00	2.38197D-04	2.33614D-03	7.74697D-04
182	-6.70488D-01	-9.09208D-02	1.30862D+00	1.52979D-03	-2.43915D-03	8.32932D-04
183	-6.83234D-01	-9.33372D-02	1.28662D+00	1.54794D-03	-2.51185D-03	8.27402D-04
184	-7.05655D-01	-7.61874D-02	1.27038D+00	1.45615D-03	-1.71776D-03	1.04210D-03
185	-7.13391D-01	-9.85835D-02	1.23063D+00	1.62315D-03	-2.83479D-03	7.67754D-04
186	-5.16219D-01	5.80814D-03	6.63393D-01	1.99562D-03	-6.63532D-03	3.25832D-04
187	-4.81503D-01	1.93400D-02	5.94844D-01	1.96873D-03	-6.72711D-03	3.48616D-04
188	-4.48364D-01	3.16374D-02	5.30040D-01	1.93532D-03	-6.78785D-03	3.77240D-04
189	-9.63275D-02	1.15685D-01	3.78554D-02	8.23853D-06	-3.39690D-03	1.15557D-03
190	6.09563D-01	-9.84295D-08	5.64768D-07	-7.86123D-05	-4.89786D-03	1.43912D-04
191	1.72382D-01	3.37618D-07	-3.64100D-01	-8.27048D-05	-4.72496D-04	-4.88524D-04
192	1.55068D-01	3.54455D-03	-3.66799D-01	-8.28669D-05	-4.06704D-04	-5.47792D-04
193	1.33688D-01	3.53137D-02	-3.66263D-01	9.05138D-04	-1.30596D-04	-1.02063D-03
194	2.54543D-02	-5.70969D-02	-2.00523D-01	-1.24953D-03	7.29963D-04	-1.82902D-04
195	1.77019D-02	-1.32412D-02	-8.56516D-02	-7.04455D-04	4.30014D-04	-1.28328D-04
196	3.40969D-01	3.22248D-01	6.97966D-02	4.87542D-03	1.97905D-03	-1.58575D-03
197	3.67042D-01	3.69163D-01	1.51077D-01	4.83961D-03	2.00225D-03	-1.54934D-03
198	3.42559D-01	3.75221D-01	7.79758D-02	4.78839D-03	2.02873D-03	-1.48618D-03
199	1.86832D-01	4.99466D-01	5.71262D-02	1.68482D-03	7.84241D-03	1.89307D-03
200	9.79287D-02	4.70125D-01	1.83991D-01	1.31558D-03	8.45396D-03	2.39693D-03
201	1.06253D-01	4.61290D-01	1.79815D-01	1.22007D-03	8.53154D-03	2.59611D-03
202	1.11708D-01	4.55786D-01	1.77348D-01	1.18122D-03	8.57987D-03	2.66874D-03
203	1.02197D-01	4.36120D-01	2.02743D-01	1.14867D-03	8.70346D-03	2.68354D-03
204	6.26043D-02	4.19165D-01	2.61575D-01	1.14054D-03	8.79140D-03	2.59096D-03
205	2.79989D-02	4.04948D-01	3.13200D-01	1.13380D-03	8.82655D-03	2.50921D-03
206	3.80263D-03	4.29958D-01	3.23351D-01	9.70409D-04	8.85522D-03	2.80547D-03
207	-1.95293D-01	3.22901D-01	6.24440D-01	3.52818D-04	8.95550D-03	3.32265D-03
208	-6.83109D-01	7.79710D-08	1.26507D+00	-6.17289D-04	4.18629D-03	2.39629D-03
209	2.03811D+00	7.09538D-02	9.63479D-01	-6.55913D-04	7.70484D-04	-1.41578D-03
210	2.04038D+00	6.05691D-02	9.38546D-01	-6.52591D-04	8.06958D-04	-1.47483D-03
211	2.07431D+00	1.17026D-01	9.24716D-01	-6.52591D-04	8.06958D-04	-1.47483D-03
212	2.04240D+00	5.00363D-02	9.13511D-01	-6.44489D-04	8.30181D-04	-1.53195D-03
213	2.04700D+00	-1.85823D-07	8.10030D-01	-1.80588D-04	5.40070D-04	-2.66111D-03
214	1.74711D+00	2.41952D-07	1.22324D+00	-2.11879D-03	8.90762D-03	9.52855D-03
215	3.43806D-01	2.78641D-01	3.11800D-03	-2.11490D-03	2.50470D-03	1.00648D-02
216	3.01903D-01	1.54605D-01	-4.20312D-03	-1.88421D-03	1.21103D-03	1.07037D-02
217	3.45412D-01	3.58119D-01	-3.05848D-02	-1.94463D-03	1.30247D-03	9.63382D-03
218	3.81374D-01	3.90180D-01	-9.04241D-0	-5.86572D-04	3.98511D-04	-3.75879D-03
219	-1.62249D-02	2.16054D-01	-1.71465D-02	7.30083D-04	3.21860D-04	-5.56068D-03
220	-2.73731D-02	2.11699D-01	-1.86220D-02	7.33707D-04	3.21380D-04	-5.56190D-03
221	-1.70580D-02	1.81082D-01	-2.10044D-02	7.33707D-04	3.21380D-04	-5.56190D-03
222	-3.85232D-02	2.07343D-01	-2.01046D-02	7.37106D-04	3.20899D-04	-5.56263D-03
223	-1.28094D-01	1.72518D-01	-3.29414D-02	8.13025D-04	3.05569D-04	-5.51517D-03
224	-1.39146D-01	1.68163D-01	-3.45806D-02	8.14389D-04	3.05088D-04	-5.51146D-03
225	-1.28814D-01	1.37836D-01	-3.68954D-02	8.14389D-04	3.05088D-04	-5.51146D-03
226	-1.50190D-01	1.63807D-01	-3.62222D-02	8.15526D-04	3.04607D-04	-5.50727D-03
227	-1.35390D-01	2.41449D-02	-3.47672D-02	-2.23594D-05	3.22467D-04	-8.78923D-04
228	2.71487D-01	-9.85337D-07	9.35577D-03	-1.76003D-03	8.34895D-04	1.14390D-02
229	3.19413D-01	-1.08425D-01	2.48803D-02	-1.42154D-03	7.03118D-04	8.93053D-03
230	3.51461D-01	-1.16876D-01	3.02284D-02	-1.26061D-03	7.32834D-04	7.25015D-03
231	2.01657D-07	-5.62214D-01	4.06088D-07	-3.20256D-04	-3.89993D-05	3.92385D-03
232	-3.34686D-02	-2.30185D-02	9.18425D-02	-1.54605D-04	-6.81532D-04	-1.42093D-03
233	-3.06185D-02	-1.86847D-02	9.15323D-02	-1.61368D-04	-6.82809D-04	-1.41835D-03
234	-3.52394D-02	-1.80202D-02	1.03231D-01	-1.61368D-04	-6.82809D-04	-1.41835D-03
235	-2.77738D-02	-1.43510D-02	9.12085D-02	-1.68242D-04	-6.84086D-04	-1.41556D-03
236	-7.71712D-08	-3.44248D-01	1.06784D-07	1.22105D-03	1.53237D-03	-2.12134D-03
237	-2.11988D-03	-3.46361D-01	-1.16426D-03	1.23012D-03	1.53980D-03	-1.88238D-03
238	-1.25874D-02	-3.59319D-01	-8.52913D-03	1.26503D-03	1.54938D-03	-1.52935D-03

239	-2.63094D-02	-3.49684D-01	1.23197D-03	1.26503D-03	1.54938D-03	-1.52935D-03
240	-2.07067D-02	-3.72278D-01	-1.62229D-02	1.33974D-03	1.55897D-03	-1.09965D-03
241	1.68686D-02	-1.23437D-02	-1.18350D-02	-2.21451D-03	5.76652D-03	-2.47408D-03
242	1.58320D-02	-2.68114D-02	-2.91848D-02	-1.93181D-03	5.73106D-03	-1.33689D-03
243	-1.32500D-03	-1.26600D-02	2.3628 D-02	-1.22898D-03	5.98109D-03	-1.85848D-03
244	2.55889D-02	-1.32193D-02	-3.01072D-02	-1.17863D-03	-2.02959D-03	-6.54103D-07
245	1.28677D-02	-6.34600D-03	-1.71596D-02	-9.79522D-04	-1.83425D-03	-4.69856D-07
246	1.28707D-02	7.37603D-03	-2.33306D-02	-9.79522D-04	-1.83425D-03	-4.69856D-07
247	2.43718D-03	-1.06228D-03	-4.21206D-03	-6.48765D-04	-1.26606D-03	-2.85609D-07
248	-1.83040D-02	-4.77890D-03	3.00444D-02	3.33942D-04	-1.38888D-03	-6.26978D-04
249	-9.35022D-03	-2.50763D-03	1.71165D-02	3.31488D-04	-1.29662D-03	-4.50372D-04
250	-6.51288D-03	1.12144D-02	1.92049D-02	3.31488D-04	-1.29662D-03	-4.50372D-04
251	-1.83848D-03	-5.23355D-04	4.18863D-03	2.38279D-04	-9.08187D-04	-2.73765D-04
252	3.30290D-01	4.14618D-01	4.70751D-02	4.45782D-03	2.29642D-03	-1.03657D-03

P-I-P-E F-O-R-C-E-S A-N-D M-O-M-E-N-T-S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
1	TANGENT	1	END-I	-84.869	-1164.233	9.194	8414.05	-7451.13	-37838.36
			END-J	-84.869	-791.528	9.194	8414.05	-7151.17	-5935.31
1	TANGENT	2	END-I	-4038.755	-3764.260	-3343.177	-58575.66	106693.43	-279973.50
			END-J	-4038.755	-3764.260	-3343.177	-58575.66	-2376.68	-157165.69
2	TANGENT	1	END-I	-84.869	-791.528	9.195	8413.97	-7151.17	-5935.42
			END-J	-84.869	-243.171	9.195	8413.97	-6709.80	18897.59
2	TANGENT	2	END-I	-4038.797	-3764.260	-3343.125	-58577.68	-2376.68	-157164.94
			END-J	-4038.797	-3764.260	-3343.125	-58577.68	-162848.24	23521.26
3	TANGENT	1	END-I	-84.870	-243.171	9.187	8412.19	-6709.80	18898.38
			END-J	-84.870	-14.692	9.187	8412.19	-6526.06	21477.00
3	TANGENT	2	END-I	-4038.482	-3764.260	-3343.506	-58579.89	-162848.24	23515.74
			END-J	-4038.482	-3764.260	-3343.506	-58579.89	-229718.09	98800.64
4	BEND	1	END-I	-84.869	-14.692	9.197	8414.72	-6526.06	21476.01
			CENTER	16.936	136.960	9.197	1373.23	-10473.67	20695.58
			END-J	232.333	84.870	9.197	-6397.25	-8286.00	19236.83
4	BEND	2	END-I	-4038.876	-3764.260	-3343.030	-58568.26	-229718.09	98807.54
			CENTER	-5517.651	194.167	-3343.030	-217556.88	-154116.03	119510.38
			END-J	-3764.284	4038.854	-3343.030	-276520.58	11764.46	94963.25
5	TANGENT	1	END-I	232.334	79.598	30.847	-6397.30	-12981.94	16437.21
			END-J	437.966	79.598	30.847	-6397.30	-12426.70	15004.46
5	TANGENT	2	END-I	-3764.260	4766.423	-2183.938	-276520.51	-13209.99	94773.18
			END-J	-3764.260	4766.423	-2183.938	-276520.51	-52520.87	8977.57
6	BEND	1	END-I	437.961	-10.777	-84.708	-6397.07	19111.45	3783.07
			CENTER	486.082	-213.008	-84.714	1268.15	19423.96	4668.25
			END-J	433.069	-448.314	-84.719	8469.47	16779.26	7388.65
6	BEND	2	END-I	-3764.445	-4190.096	-3151.203	-276518.05	32903.52	41925.63
			CENTER	-5081.380	-2430.540	-3151.203	-247914.75	110894.05	69581.26
			END-J	-5624.711	-300.952	-3151.203	-191642.90	172001.76	80991.22
7	BEND	1	END-I	433.080	-448.310	-84.683	8468.70	16779.34	7389.36
			CENTER	264.003	-665.500	-84.683	14109.86	11580.72	12013.81
			END-J	-10.768	-808.507	-84.683	17332.19	4619.04	18161.10
7	BEND	2	END-I	-5624.447	-301.003	-3151.670	-191651.17	172000.03	80975.30
			CENTER	-5311.501	1874.289	-3151.670	-116279.19	206921.08	74403.45
			END-J	-4189.930	3764.238	-3151.670	-33280.86	210340.37	50850.45
8	TANGENT	1	END-I	-10.770	808.507	84.684	17331.84	-4618.96	-18161.45
			END-J	-10.770	934.167	84.684	17331.84	-3687.46	-27745.88

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
8	TANGENT	2	END-I	-4189.846	-3764.260	3151.756	-33280.83	-210340.54	-50849.77
			END-J	-4189.846	-3764.260	3151.756	-33280.83	-175672.21	-9444.09
9	TANGENT	1	END-I	-78.609	-1319.539	-87.203	-2598.74	3290.78	-22906.77
			END-J	-78.609	-1289.305	-87.203	-2598.74	2473.24	-10677.80
9	TANGENT	2	END-I	381.559	-676.416	-1109.275	-62724.09	50198.00	-14989.15
			END-J	381.559	-676.416	-1109.275	-62724.09	39798.53	-8647.75
10	TANGENT	1	END-I	-97.969	2253.706	163.298	-5574.77	-6978.24	-25145.71
			END-J	-97.969	2379.367	163.298	-5574.77	-5182.01	-50626.88
10	TANGENT	2	END-I	-5299.145	-3087.844	2770.266	-48266.06	-225870.21	53280.93
			END-J	-5299.145	-3087.844	2770.266	-48266.06	-195398.15	87246.25
11	TANGENT	1	END-I	-97.994	2379.367	163.282	-5566.85	-5182.01	-50627.76
			END-J	-97.994	2477.884	163.282	-5566.85	-3773.90	-71571.65
11	TANGENT	2	END-I	-5299.578	-3087.844	2769.437	-48279.71	-195398.15	87238.70
			END-J	-5299.578	-3087.844	2769.437	-48279.71	-171515.18	113867.55
12	TANGENT	1	END-I	-97.967	-1585.182	163.299	-5578.97	-3773.90	-71570.71
			END-J	-97.967	-1216.998	163.299	-5578.97	1489.06	-26415.00
12	TANGENT	2	END-I	-5299.109	307.356	2770.334	-48260.44	-171515.18	113875.72
			END-J	-5299.109	307.356	2770.334	-48260.44	-82230.13	103969.94
13	BEND	1	END-I	-97.976	-163.294	-1216.998	-5577.57	26415.30	1489.06
			CENTER	-120.479	-147.475	-513.406	-6079.39	-26120.49	11075.72
			END-J	-140.469	-128.578	190.187	-11017.89	-34853.16	19591.48
13	BEND	2	END-I	-5299.256	-2770.053	307.356	-48265.94	-103967.39	-82230.13
			CENTER	-5643.057	-1977.680	307.356	-61375.17	-77065.09	64229.07
			END-J	-5869.112	-1144.041	307.356	-70471.77	-48554.78	160528.67
14	TANGENT	1	END-I	-140.468	190.187	128.580	-11017.49	19591.48	34853.28
			END-J	-140.468	691.652	128.580	-11017.49	25235.60	15498.79
14	TANGENT	2	END-I	-5869.099	307.356	1144.110	-70471.21	160528.67	48555.60
			END-J	-5869.099	307.356	1144.110	-70471.21	210750.25	35063.97
15	TANGENT	1	END-I	-140.468	691.652	128.580	-11017.49	25235.60	15498.79
			END-J	-140.468	1004.674	128.580	-11017.49	28758.75	-7741.21
15	TANGENT	2	END-I	-5869.099	307.356	1144.110	-70471.21	210750.25	35063.97
			END-J	-5869.099	307.356	1144.110	-70471.21	242099.29	26642.30
16	TANGENT	1	END-I	-140.468	1004.674	128.580	-11017.49	28758.75	-7741.21
			END-J	-140.468	1366.277	128.580	-11017.49	32828.69	-45264.98
16	TANGENT	2	END-I	-5869.099	307.356	1144.110	-70471.21	242099.29	26642.30
			END-J	-5869.099	307.356	1144.110	-70471.21	278313.71	16913.58

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
17	TANGENT	1	END-I	-140.468	1366.277	128.580	-11017.49	32828.69	-45264.98
			END-J	-140.468	1491.938	128.580	-11017.49	34243.04	-60984.81
17	TANGENT	2	END-I	-5869.099	307.356	1144.110	-70471.21	278313.71	16913.58
			END-J	-5869.099	307.356	1144.110	-70471.21	290898.64	13532.74
18	TANGENT	1	END-I	-1713.017	115.188	-177.101	9215.17	-7879.96	-13787.46
			END-J	-1641.292	115.188	-177.101	9215.17	-9673.11	-14953.74
18	TANGENT	2	END-I	-1332.046	4056.823	-5331.933	214584.05	68872.95	99745.01
			END-J	-1332.046	4056.823	-5331.933	214584.05	14887.12	58669.68
19	TANGENT	1	END-I	66.211	3204.955	172.359	-6840.25	25027.87	-45663.63
			END-J	66.211	3330.617	172.359	-6840.25	26923.78	-81608.47
19	TANGENT	2	END-I	769.754	1639.402	2045.749	-92301.05	76314.59	-105698.16
			END-J	769.754	1639.402	2045.749	-92301.05	98817.32	-123731.17
20	TANGENT	1	END-I	66.211	3330.617	172.359	-6840.25	26923.78	-81608.47
			END-J	66.211	3410.572	172.359	-6840.25	28130.11	-105199.06
20	TANGENT	2	END-I	769.754	1639.402	2045.749	-92301.05	98817.32	-123731.17
			END-J	769.754	1639.402	2045.749	-92301.05	113135.40	-135205.25
21	BEND	1	END-I	66.210	-172.360	-2478.975	-6839.14	105199.14	28130.11
			CENTER	-4.789	-184.577	-1752.214	6372.75	-31052.57	39631.94
			END-J	-75.059	-168.694	-1025.454	-24600.13	-116933.62	51015.65
21	BEND	2	END-I	769.733	-2045.757	-1024.852	-92299.63	135206.23	113135.40
			CENTER	-71.734	-2184.597	-1024.852	-46170.68	96700.55	249452.95
			END-J	-902.279	-1990.854	-1024.852	-18288.50	43473.19	384001.35
22	TANGENT	1	END-I	-75.058	-1025.454	168.695	-24599.24	51015.65	116933.80
			END-J	-75.058	-929.778	168.695	-24599.24	52428.47	125121.33
22	TANGENT	2	END-I	-902.264	-1024.852	1990.861	-18288.83	384001.35	-43473.06
			END-J	-902.264	-1024.852	1990.861	-18288.83	400674.81	-34889.92
23	TANGENT	1	END-I	-75.058	5613.144	168.695	-38740.49	59513.65	26770.63
			END-J	-75.058	5999.100	168.695	-38740.49	62550.16	-77739.57
23	TANGENT	2	END-I	-902.264	-1024.852	1990.861	-18288.83	484290.98	8153.89
			END-J	-902.264	-1024.852	1990.861	-18288.83	520126.48	26601.23
24	BEND	1	END-I	-75.058	-168.695	-1860.647	-38740.49	77739.57	62550.16
			CENTER	-172.359	-66.211	-1506.997	16872.43	57504.21	64593.49
			END-J	-168.695	75.058	-1153.346	44063.38	9122.82	64516.54
24	BEND	2	END-I	-902.264	-1990.861	-1693.696	-18288.83	-26601.23	520126.48
			CENTER	-2045.749	-769.754	-1693.696	-42159.58	-31027.86	544139.65
			END-J	-1990.861	902.264	-1693.696	-62168.85	-17278.79	542987.01

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
25	TANGENT	1	END-I	-168.695	-1153.346	-75.058	44063.38	64516.54	-9122.82
			END-J	-168.695	-981.810	-75.058	44063.38	63916.08	-582.19
25	TANGENT	2	END-I	-1990.861	-1693.696	-902.264	-62168.85	542987.01	17278.79
			END-J	-1990.861	-1693.696	-902.264	-62168.85	535768.89	30828.35
26	TANGENT	1	END-I	-0.000	-363.034	-0.000	-808.50	0.00	-5433.31
			END-J	-0.000	-350.525	-0.000	-808.50	0.00	-2935.85
26	TANGENT	2	END-I	0.0	41.566	-0.000	-0.00	0.00	1501.56
			END-J	0.0	41.566	-0.000	-0.00	0.00	1210.60
27	TANGENT	1	END-I	0.0	-350.525	-0.000	-808.50	0.00	-2935.85
			END-J	0.0	-345.164	-0.000	-808.50	0.00	-1892.32
27	TANGENT	2	END-I	-0.000	41.566	-0.000	-0.00	0.00	1210.60
			END-J	-0.000	41.566	-0.000	-0.00	0.00	1085.90
28	TANGENT	1	END-I	0.0	-345.164	-0.000	-808.50	0.00	-1892.32
			END-J	0.0	-336.676	-0.000	-808.50	0.00	-272.95
28	TANGENT	2	END-I	-0.000	41.566	-0.000	-0.00	0.00	1085.90
			END-J	-0.000	41.566	-0.000	-0.00	0.00	888.47
29	TANGENT	1	END-I	-0.000	160.464	-0.000	0.00	0.00	1548.72
			END-J	-0.000	165.155	-0.000	0.00	0.00	1121.34
29	TANGENT	2	END-I	0.0	41.566	0.000	-0.00	0.00	389.68
			END-J	0.0	41.566	0.000	-0.00	0.00	280.57
30	TANGENT	1	END-I	0.0	165.155	-0.000	0.00	0.00	1121.34
			END-J	0.0	171.186	-0.000	0.00	-0.00	553.77
30	TANGENT	2	END-I	0.0	41.566	-0.000	-0.00	0.00	280.57
			END-J	0.0	41.566	-0.000	-0.00	0.00	140.28
31	TANGENT	1	END-I	0.0	186.380	-0.000	0.0	0.00	587.26
			END-J	0.0	192.411	-0.000	0.0	-0.00	-51.95
31	TANGENT	2	END-I	0.000	41.566	-0.000	0.0	0.00	140.28
			END-J	0.000	41.566	-0.000	0.0	0.00	0.00
32	TANGENT	1	END-I	15.194	-0.000	0.000	-0.00	-0.00	33.49
			END-J	14.522	-0.000	0.000	-0.00	0.00	33.49
32	TANGENT	2	END-I	-0.000	0.000	0.000	0.00	-0.00	-0.00
			END-J	-0.000	0.000	0.000	0.00	0.00	-0.00
33	TANGENT	1	END-I	-0.000	-13.626	-0.000	0.0	0.00	-51.95
			END-J	-0.000	0.000	-0.000	0.0	-0.00	0.00

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
33	TANGENT	2	END-I	0.000	-0.000	-0.000	0.0	0.00	0.00
			END-J	0.000	-0.000	-0.000	0.0	0.00	0.00
34	TANGENT	1	END-I	14.522	0.000	-0.000	-0.00	-0.00	33.49
			END-J	13.146	0.000	-0.000	-0.00	-0.00	33.49
34	TANGENT	2	END-I	0.0	-0.000	-0.000	0.00	0.00	-0.00
			END-J	0.0	-0.000	-0.000	0.00	-0.00	-0.00
35	TANGENT	1	END-I	-168.695	-618.776	-75.058	38630.07	63916.08	226.31
			END-J	-168.695	-404.356	-75.058	38630.07	63165.50	5341.97
35	TANGENT	2	END-I	-1990.861	-1735.262	-902.264	-60667.28	535768.89	30828.35
			END-J	-1990.861	-1735.262	-902.264	-60667.28	526746.25	48180.97
36	TANGENT	1	END-I	-168.695	-2344.537	-75.058	38630.07	63165.50	5341.97
			END-J	-168.695	-1937.139	-75.058	38630.07	61739.40	46017.89
36	TANGENT	2	END-I	-1990.861	2146.858	-902.264	-60667.28	526746.25	48180.97
			END-J	-1990.861	2146.858	-902.264	-60667.28	509603.22	7390.67
37	TANGENT	1	END-I	-168.695	-1937.139	-75.058	38630.07	61739.40	46017.89
			END-J	-168.695	-907.923	-75.058	38630.07	58136.62	114299.37
37	TANGENT	2	END-I	-1990.861	2146.858	-902.264	-60667.28	509603.22	7390.67
			END-J	-1990.861	2146.858	-902.264	-60667.28	466294.53	-95658.51
38	TANGENT	1	END-I	-168.695	-907.923	-75.058	38630.07	58136.62	114299.37
			END-J	-168.695	-693.503	-75.058	38630.07	57386.04	122306.50
38	TANGENT	2	END-I	-1990.861	2146.858	-902.264	-60667.28	466294.53	-95658.51
			END-J	-1990.861	2146.858	-902.264	-60667.28	457271.88	-117127.09
39	TANGENT	1	END-I	-168.695	5830.561	-75.058	24488.82	54233.61	14428.28
			END-J	-168.695	5959.213	-75.058	24488.82	53783.26	-20941.05
39	TANGENT	2	END-I	-1990.861	2146.858	-902.264	-60667.28	419376.77	-207295.13
			END-J	-1990.861	2146.858	-902.264	-60667.28	413963.19	-220176.28
40	TANGENT	1	END-I	-168.695	5959.213	-75.058	24488.82	53783.26	-20941.05
			END-J	-168.695	6195.075	-75.058	24488.82	52957.62	-87789.63
40	TANGENT	2	END-I	-1990.861	2146.858	-902.264	-60667.28	413963.19	-220176.28
			END-J	-1990.861	2146.858	-902.264	-60667.28	404038.28	-243791.71
41	TANGENT	1	END-I	-236.646	7301.996	-164.578	58717.42	7061.28	18632.00
			END-J	-236.646	7537.858	-164.578	58717.42	5250.92	-62987.20
41	TANGENT	2	END-I	-3373.292	1397.868	-1999.465	-5109.66	109051.98	97140.94
			END-J	-3373.292	1397.868	-1999.465	-5109.66	87057.86	81764.40

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
42	TANGENT	1	END-I	-311.704	-1106.921	4.117	-29072.21	45896.35	-5856.82
			END-J	-311.704	-871.059	4.117	-29072.21	45941.64	5022.07
42	TANGENT	2	END-I	-4275.557	748.990	-8.604	-248901.37	294986.30	157808.22
			END-J	-4275.557	748.990	-8.604	-248901.37	294891.65	149569.33
43	TANGENT	1	END-I	-311.704	-871.059	4.117	-29072.21	45941.64	5022.07
			END-J	-311.704	522.671	4.117	-29072.21	46209.27	16344.68
43	TANGENT	2	END-I	-4275.557	748.990	-8.604	-248901.37	294891.65	149569.33
			END-J	-4275.557	748.990	-8.604	-248901.37	294332.39	100884.97
44	BEND	1	END-I	-311.704	-4.117	522.671	-29072.21	-16344.68	46209.27
			CENTER	-223.319	217.496	876.322	-28159.45	19530.56	44353.19
			END-J	-4.117	311.704	1229.972	28.81	49504.22	39749.95
44	BEND	2	END-I	-4275.557	8.604	748.990	-248901.37	-100884.97	294332.39
			CENTER	-3017.191	3029.359	748.990	-242729.44	115785.34	267906.72
			END-J	8.604	4275.557	748.990	-85156.18	264630.17	204365.01
45	TANGENT	1	END-I	-4.117	1229.972	-311.704	28.81	39749.95	-49504.22
			END-J	-4.117	1551.602	-311.704	28.81	35074.39	-70366.03
45	TANGENT	2	END-I	8.604	748.990	-4275.557	-85156.18	204365.01	-264630.17
			END-J	8.604	748.990	-4275.557	-85156.18	140231.66	-275865.02
46	TANGENT	1	END-I	-4.117	-2318.843	-311.704	28.81	35074.39	-70366.03
			END-J	-4.117	-639.891	-311.704	28.81	10667.36	45471.36
46	TANGENT	2	END-I	8.604	-3447.453	-4275.557	-85156.18	140231.66	-275865.02
			END-J	8.604	-3447.453	-4275.557	-85156.18	-194553.00	-5922.56
47	BEND	1	END-I	-4.117	311.704	-639.891	28.81	-45471.36	10667.36
			CENTER	115.474	289.555	-463.075	-18301.78	-46443.86	8155.93
			END-J	217.488	223.328	-286.258	-35326.70	-38906.96	6013.65
47	BEND	2	END-I	8.604	4275.557	-3447.453	-85156.18	5922.56	-194553.00
			CENTER	1644.056	3946.839	-3447.453	-81918.65	10354.46	-228897.49
			END-J	3029.240	3017.311	-3447.453	-77231.60	13210.14	-257986.36
48	TANGENT	1	END-I	217.496	-286.258	-223.319	-35328.23	6013.65	38905.57
			END-J	217.496	68.467	-223.319	-35328.23	2319.17	40707.08
48	TANGENT	2	END-I	3029.359	-3447.453	-3017.191	-77231.08	-257986.36	-13213.18
			END-J	3029.359	-3447.453	-3017.191	-77231.08	-307901.17	43819.65
49	BEND	1	END-I	217.496	-223.319	-68.467	-35328.23	40707.08	-2319.17
			CENTER	115.476	-289.554	-245.298	-17264.56	49858.13	-176.74
			END-J	-4.126	-311.704	-422.130	2643.38	49978.51	2334.90
49	BEND	2	END-I	3029.359	-3017.191	3447.453	-77231.08	43819.65	307901.17
			CENTER	1644.079	-3946.830	3447.453	-49070.94	97745.77	336992.06
			END-J	8.485	-4275.557	3447.453	-2417.19	136789.94	371339.54

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
50	TANGENT	1	END-I	-4.117	422.130	-311.704	2641.98	-2334.90	49978.59
			END-J	-4.117	750.235	-311.704	2641.98	-7104.59	41008.82
50	TANGENT	2	END-I	8.604	-3447.453	-4275.557	-2421.00	-371339.54	136789.87
			END-J	8.604	-3447.453	-4275.557	-2421.00	-436764.11	189542.80
51	TANGENT	1	END-I	-4.117	-1687.616	-311.704	2641.98	-7104.59	41008.82
			END-J	-4.117	-851.378	-311.704	2641.98	-19261.04	90519.20
51	TANGENT	2	END-I	8.604	-3722.862	-4275.557	-2421.00	-436764.11	189542.80
			END-J	8.604	-3722.862	-4275.557	-2421.00	-603510.83	334734.40
52	BEND	1	END-I	-4.117	-906.643	-1.741	2641.98	12857.52	91648.23
			CENTER	-409.015	-403.192	-122.688	10695.91	6250.44	102753.65
			END-J	-241.990	4.117	-243.635	10975.06	-5912.43	105529.31
52	BEND	2	END-I	8.604	-4960.600	-2744.546	-2421.00	-452642.49	520948.38
			CENTER	-3501.590	-3513.758	-2744.546	-338659.51	-359109.10	594662.45
			END-J	-4960.600	-8.604	-2744.546	-510277.96	-55214.47	625301.66
53	TANGENT	1	END-I	-241.999	243.626	4.117	10978.93	-105528.91	-5912.43
			END-J	452.781	496.514	4.117	10978.93	-105384.80	-18864.83
53	TANGENT	2	END-I	-4960.700	2744.365	-8.604	-510255.06	-625320.35	-55214.47
			END-J	-4960.700	2744.365	-8.604	-510255.06	-625621.49	-151266.89
54	TANGENT	1	END-I	-78.712	-1295.605	-114.045	2294.14	11727.36	-56964.30
			END-J	-78.712	-922.926	-114.045	2294.14	8006.92	-20777.32
54	TANGENT	2	END-I	883.396	-2782.188	-1865.047	-22614.82	182288.32	-296551.23
			END-J	883.396	-2782.188	-1865.047	-22614.82	121445.85	-205789.36
55	TANGENT	1	END-I	-78.713	-922.926	-114.045	2294.06	8006.92	-20777.33
			END-J	-78.713	-443.114	-114.045	2294.06	3216.99	7909.71
55	TANGENT	2	END-I	883.388	-2782.188	-1865.051	-22615.63	121445.85	-205789.27
			END-J	883.388	-2782.188	-1865.051	-22615.63	43113.15	-88936.53
56	TANGENT	1	END-I	-83.460	-443.114	-110.618	2626.12	3216.99	7805.75
			END-J	-83.460	-245.014	-110.618	2626.12	1298.79	13772.06
56	TANGENT	2	END-I	803.819	-2782.188	-1900.701	-26352.16	43113.15	-87901.86
			END-J	803.819	-2782.188	-1900.701	-26352.16	10153.66	-39656.76
57	BEND	1	END-I	-74.683	-245.014	-116.723	1556.56	1298.79	13933.53
			CENTER	-95.056	10.561	-116.723	1301.12	-1915.49	15812.25
			END-J	125.519	74.686	-116.723	-1152.31	-4007.72	14682.93
57	BEND	2	END-I	947.960	-2782.188	-1833.074	-23216.42	10153.66	-41570.33
			CENTER	-1296.965	-2637.628	-1833.074	-20511.53	-3623.35	5573.09
			END-J	-2782.166	-948.023	-1833.074	-28340.55	-15277.90	36762.32

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
58	TANGENT	1	END-I	125.521	41.929	-132.075	-1152.40	-70.97	15219.89
			END-J	249.084	41.929	-132.075	-1152.40	-1523.81	14758.67
58	TANGENT	2	END-I	-2782.188	-1390.088	-1525.269	-28340.90	-5242.05	39463.70
			END-J	-2782.188	-1390.088	-1525.269	-28340.90	-22020.01	54754.67
59	BEND	1	END-I	249.084	-132.075	-41.929	-1152.40	14758.67	1523.81
			CENTER	213.743	-400.526	-41.929	9363.19	10628.22	5768.79
			END-J	-132.075	-619.623	-41.929	13878.17	271.90	14481.90
59	BEND	2	END-I	-2782.188	-1525.269	1390.088	-28340.90	54754.67	22020.01
			CENTER	-3045.832	888.776	1390.088	27227.45	79399.19	27556.53
			END-J	-1525.269	2782.188	1390.088	83946.51	57532.75	-4375.29
60	TANGENT	1	END-I	-132.075	619.623	41.929	13878.17	-271.90	-14481.90
			END-J	-132.075	745.287	41.929	13878.17	189.31	-21988.91
60	TANGENT	2	END-I	-1525.269	-2782.188	-1390.088	83946.51	-57532.75	4375.29
			END-J	-1525.269	-2782.188	-1390.088	83946.51	-72823.71	34979.35
61	TANGENT	1	END-I	-1383.677	174.272	32.502	774.70	-4311.22	10129.50
			END-J	-1354.614	174.272	32.502	774.70	-4006.51	8495.70
61	TANGENT	2	END-I	-245.619	884.301	474.196	11382.82	-33927.21	83725.53
			END-J	-245.619	884.301	474.196	11382.82	-29481.62	75435.20
62	TANGENT	1	END-I	-164.578	2128.964	-132.343	3748.67	-585.38	-17677.69
			END-J	-164.578	2254.628	-132.343	3748.67	-2041.16	-41787.45
62	TANGENT	2	END-I	-1999.465	-2536.569	-2274.389	220.99	-84206.53	68906.56
			END-J	-1999.465	-2536.569	-2274.389	220.99	-109224.82	96808.82
63	TANGENT	1	END-I	-164.578	2254.628	-132.343	3748.67	-2041.16	-41787.45
			END-J	-164.578	2328.884	-132.343	3748.67	-2901.39	-56683.86
63	TANGENT	2	END-I	-1999.465	-2536.569	-2274.389	220.99	-109224.82	96808.82
			END-J	-1999.465	-2536.569	-2274.389	220.99	-124008.35	113296.52
64	TANGENT	1	END-I	-164.578	-1042.611	-132.343	3748.67	-2901.39	-56683.86
			END-J	-164.578	832.353	-132.343	3748.67	-24622.27	-39429.61
64	TANGENT	2	END-I	-1999.465	839.616	-2274.389	220.99	-124008.35	113296.52
			END-J	-1999.465	839.616	-2274.389	220.99	-497292.48	-24505.39
65	TANGENT	1	END-I	-164.578	-1340.750	236.646	3748.67	-24622.27	-39429.61
			END-J	-164.578	-381.134	236.646	3748.67	-4744.01	32889.51
65	TANGENT	2	END-I	-1999.465	-144.680	3373.292	220.99	-497292.48	-24505.39
			END-J	-1999.465	-144.680	3373.292	220.99	-213935.92	-12352.29
66	BEND	1	END-I	-164.578	-236.646	-381.134	3748.67	-32889.51	-4744.01
			CENTER	-182.371	-223.222	-25.929	880.41	-39400.15	2408.86
			END-J	-199.073	-208.463	329.276	-2055.44	-34636.38	9123.36

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
66	BEND	2	END-I	-1999.465	-3373.292	-144.680	220.99	12352.29	-213935.92
			CENTER	-2254.136	-3208.712	-144.680	1000.88	7804.26	-111558.24
			END-J	-2495.329	-3024.946	-144.680	1427.03	3209.57	-14598.80
67	BEND	1	END-I	-199.073	-208.463	329.276	-2055.44	-34636.38	9123.36
			CENTER	-214.958	-192.042	693.362	-4223.02	-18082.96	15508.82
			END-J	-229.492	-174.415	1057.448	-4613.10	10181.51	21351.43
67	BEND	2	END-I	-2495.329	-3024.946	-144.680	1427.03	3209.57	-14598.80
			CENTER	-2727.055	-2817.824	-144.680	1494.05	-1519.68	78555.38
			END-J	-2941.651	-2593.001	-144.680	1186.32	-6239.39	164822.84
68	BEND	1	END-I	-229.492	-174.415	1057.448	-4613.10	10181.51	21351.43
			CENTER	-231.955	-171.126	1122.929	-4423.36	16494.91	22341.76
			END-J	-234.371	-167.801	1188.411	-4140.95	23180.29	23313.12
68	BEND	2	END-I	-2941.651	-2593.001	-144.680	1186.33	-6239.39	164822.84
			CENTER	-2978.323	-2550.795	-144.680	1091.33	-7084.94	179565.00
			END-J	-3014.389	-2508.071	-144.680	984.29	-7929.04	194063.75
69	BEND	1	END-I	-234.371	-167.801	1188.411	-4140.95	23180.29	23313.12
			CENTER	-237.746	-162.984	1282.118	-3565.07	33391.68	24669.82
			END-J	-241.022	-158.099	1375.824	-2773.13	44357.77	25986.73
69	BEND	2	END-I	-3014.389	-2508.071	-144.680	984.29	-7929.04	194063.75
			CENTER	-3064.934	-2446.046	-144.680	810.20	-9134.15	214382.84
			END-J	-3114.203	-2383.003	-144.680	611.56	-10335.45	234188.96
70	BEND	1	END-I	-241.022	-158.099	-986.210	-2773.13	44357.77	25986.73
			CENTER	-255.892	-132.688	-516.922	26.26	13597.66	31964.58
			END-J	-268.093	-105.893	-47.634	657.35	1956.85	36869.20
70	BEND	2	END-I	-3114.203	-2383.003	99.999	611.56	-10335.45	234188.96
			CENTER	-3341.046	-2052.894	99.999	-236.24	-6243.18	325379.71
			END-J	-3533.031	-1701.368	99.999	-662.16	-2085.77	402557.80
71	BEND	1	END-I	-268.093	-105.893	-47.634	657.35	1956.85	36869.20
			CENTER	-276.344	-81.982	355.493	960.68	7321.11	40186.16
			END-J	-282.467	-57.440	758.621	2357.08	26845.34	42647.68
71	BEND	2	END-I	-3533.031	-1701.368	99.999	-662.16	-2085.77	402557.80
			CENTER	-3668.583	-1385.084	99.999	-687.69	1504.54	457049.83
			END-J	-3775.886	-1058.134	99.999	-398.36	5083.26	500185.42
72	TANGENT	1	END-I	-283.293	-4781.963	53.219	2600.92	43146.43	17677.25
			END-J	-283.293	-4731.280	53.219	2600.92	43382.54	38780.14
72	TANGENT	2	END-I	-3791.251	-492.060	1001.687	-338.21	509523.54	-560.99
			END-J	-3791.251	-492.060	1001.687	-338.21	513967.56	1622.05
73	TANGENT	1	END-I	-283.708	1811.651	50.960	-10488.94	45522.83	101444.12
			END-J	-283.708	2647.884	50.960	-10488.94	47510.26	14483.72

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
73	TANGENT	2	END-I	-3799.113	-492.060	971.443	-351.13	554767.48	22285.47
			END-J	-3799.113	-492.060	971.443	-351.13	592653.52	41475.69
74	TANGENT	1	END-I	-283.708	149.221	50.960	-10488.94	47510.26	14483.72
			END-J	-283.708	342.200	50.960	-10488.94	47968.90	12272.32
74	TANGENT	2	END-I	-3799.113	703.550	971.443	-351.13	592653.52	41475.69
			END-J	-3799.113	703.550	971.443	-351.13	601396.55	35143.69
75	BEND	1	END-I	-283.708	-50.960	342.200	-10488.94	-12272.32	47968.90
			CENTER	-236.647	164.576	695.847	-13249.58	6589.72	46980.63
			END-J	-50.965	283.707	1049.494	310.84	27130.70	43081.29
75	BEND	2	END-I	-3799.113	-971.443	703.550	-351.13	-35143.69	601396.55
			CENTER	-3373.309	1999.438	703.550	-20771.15	-14155.16	592454.66
			END-J	-971.505	3799.097	703.550	-20369.39	15125.11	542016.77
76	TANGENT	1	END-I	-50.960	1049.494	-283.708	311.29	43081.29	-27130.69
			END-J	-50.960	1221.034	-283.708	311.29	40811.57	-36213.04
76	TANGENT	2	END-I	-971.443	703.550	-3799.113	-20369.14	542016.77	-15125.44
			END-J	-971.443	703.550	-3799.113	-20369.14	511623.08	-20753.99
77	TANGENT	1	END-I	0.000	-343.355	-0.000	-426.65	0.00	-4340.76
			END-J	0.000	-330.845	-0.000	-426.65	0.00	-1980.94
77	TANGENT	2	END-I	0.000	-42.865	-0.000	0.03	0.00	-1548.45
			END-J	0.000	-42.865	-0.000	0.03	0.00	-1248.38
78	TANGENT	1	END-I	0.000	-330.845	-0.000	-426.65	0.00	-1980.94
			END-J	0.000	-325.485	-0.000	-426.65	0.00	-996.59
78	TANGENT	2	END-I	0.000	-42.865	-0.000	0.03	0.00	-1248.38
			END-J	0.000	-42.865	-0.000	0.03	0.00	-1119.80
79	TANGENT	1	END-I	0.000	-325.485	-0.000	-426.65	0.00	-996.59
			END-J	0.000	-316.996	-0.000	-426.65	0.00	529.41
79	TANGENT	2	END-I	0.000	-42.865	-0.000	0.03	0.00	-1119.80
			END-J	0.000	-42.865	-0.000	0.03	0.00	-916.18
80	TANGENT	1	END-I	0.000	180.144	-0.000	0.00	0.00	1732.88
			END-J	0.000	184.835	-0.000	0.00	0.00	1253.89
80	TANGENT	2	END-I	0.000	-42.865	-0.000	0.00	0.00	-401.79
			END-J	0.000	-42.865	-0.000	0.00	0.00	-289.28
81	TANGENT	1	END-I	0.000	184.835	-0.000	0.00	0.00	1253.89
			END-J	0.000	190.865	-0.000	0.00	0.00	620.02
81	TANGENT	2	END-I	0.000	-42.865	-0.000	0.00	0.00	-289.28
			END-J	0.000	-42.865	-0.000	0.00	0.00	-144.64

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
82	TANGENT	1	END-I	0.0	206.058	-0.000	0.00	0.00	653.52
			END-J	0.0	212.088	-0.000	0.00	0.00	-51.95
82	TANGENT	2	END-I	-0.000	-42.865	-0.000	0.00	0.00	-144.64
			END-J	-0.000	-42.865	-0.000	0.00	0.00	-0.00
83	TANGENT	1	END-I	15.194	-0.000	0.000	-0.00	-23.69	23.69
			END-J	14.522	-0.000	0.000	-0.00	-23.69	23.69
83	TANGENT	2	END-I	0.000	-0.000	-0.000	-0.00	-0.00	-0.00
			END-J	0.000	-0.000	-0.000	-0.00	-0.00	-0.00
84	TANGENT	1	END-I	-0.000	-13.627	-0.000	0.00	0.00	-51.95
			END-J	-0.000	-0.000	-0.000	0.00	-0.00	0.00
84	TANGENT	2	END-I	-0.000	0.000	-0.000	0.00	0.00	0.00
			END-J	-0.000	0.000	-0.000	0.00	0.00	-0.00
85	TANGENT	1	END-I	14.522	-0.000	0.000	-0.00	-23.69	23.69
			END-J	13.146	-0.000	0.000	-0.00	-23.69	23.69
85	TANGENT	2	END-I	0.000	-0.000	-0.000	-0.00	-0.00	-0.00
			END-J	0.000	-0.000	-0.000	-0.00	-0.00	-0.00
86	TANGENT	1	END-I	-50.943	1564.389	-283.711	-4027.34	40811.57	-35786.63
			END-J	-50.943	1819.001	-283.711	-4027.34	37442.66	-55874.57
86	TANGENT	2	END-I	-971.216	746.415	-3799.171	-21916.35	511623.08	-20755.33
			END-J	-971.216	746.415	-3799.171	-21916.35	466510.03	-29618.59
87	TANGENT	1	END-I	-50.960	-2364.797	-283.708	-4030.67	37442.66	-55874.33
			END-J	-50.960	-1335.584	-283.708	-4030.67	23824.74	32934.49
87	TANGENT	2	END-I	-971.443	-447.567	-3799.113	-21918.11	466510.03	-29617.28
			END-J	-971.443	-447.567	-3799.113	-21918.11	284153.27	-8134.15
88	TANGENT	1	END-I	-50.960	-1335.584	-283.708	-4030.67	23824.74	32934.49
			END-J	-50.960	-428.546	-283.708	-4030.67	11823.34	70247.57
88	TANGENT	2	END-I	-971.443	-447.567	-3799.113	-21918.11	284153.27	-8134.15
			END-J	-971.443	-447.567	-3799.113	-21918.11	123443.34	10798.81
89	BEND	1	END-I	-50.960	-283.708	428.546	-4030.67	70247.57	-11823.34
			CENTER	-155.655	-242.608	251.714	23750.03	69166.66	-9624.75
			END-J	-236.651	-164.571	74.883	48719.55	56115.34	-7923.84
89	BEND	2	END-I	-971.443	-3799.113	447.567	-21918.11	10798.81	-123443.34
			CENTER	-2351.397	-3138.135	447.567	-15401.42	21961.65	-94464.29
			END-J	-3373.348	-1999.371	447.567	-5108.83	29780.79	-73003.32
90	TANGENT	1	END-I	-236.646	-74.883	-164.578	48717.99	7923.84	56116.70
			END-J	-236.646	54.884	-164.578	48717.99	6927.82	56177.21

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
90	TANGENT	2	END-I	-3373.292	-447.567	-1999.465	-5109.66	73003.32	29780.65
			END-J	-3373.292	-447.567	-1999.465	-5109.66	60902.56	32489.33
91	TANGENT	1	END-I	-236.646	6578.948	-164.578	58717.42	15.56	-93132.71
			END-J	-236.646	6900.578	-164.578	58717.42	-2453.11	-194229.16
91	TANGENT	2	END-I	-3373.292	-447.567	-1999.465	-5109.66	-23074.98	51287.14
			END-J	-3373.292	-447.567	-1999.465	-5109.66	-53066.95	58000.64
92	TANGENT	1	END-I	-236.646	-7902.372	-164.578	58717.42	-2453.11	-194229.16
			END-J	-236.646	-7537.858	-164.578	58717.42	-5250.92	-62987.20
92	TANGENT	2	END-I	-3373.292	-1397.868	-1999.465	-5109.66	-53066.95	58000.64
			END-J	-3373.292	-1397.868	-1999.465	-5109.66	-87057.86	81764.40
93	TANGENT	1	END-I	-78.347	-1289.305	-87.439	-2566.72	2473.24	-10685.55
			END-J	-78.347	-1269.993	-87.439	-2566.72	1949.66	-3023.05
93	TANGENT	2	END-I	384.883	-676.416	-1108.126	-62697.88	39798.53	-8835.75
			END-J	384.883	-676.416	-1108.126	-62697.88	33163.11	-4785.40
94	BEND	1	END-I	-78.697	-1269.993	-87.124	-2578.81	1949.66	-3012.74
			CENTER	-937.317	-826.530	-87.124	-675.30	2647.69	4791.30
			END-J	-1224.463	77.993	-87.124	1164.51	1795.81	7560.23
94	BEND	2	END-I	380.441	-676.416	-1109.659	-62716.55	33163.11	-4534.20
			CENTER	-209.071	-747.370	-1109.659	-23839.98	60731.35	771.41
			END-J	-676.197	-380.829	-1109.659	23145.89	52748.65	4975.54
95	TANGENT	1	END-I	-1224.418	-110.648	39.253	1165.54	2013.74	-7504.96
			END-J	-889.618	-110.648	39.253	1165.54	6253.04	4445.03
95	TANGENT	2	END-I	-676.416	-192.664	1157.134	23176.18	-44033.85	-29441.35
			END-J	-676.416	-192.664	1157.134	23176.18	80936.60	-8633.62
96	TANGENT	1	END-I	-61.401	-164.988	100.068	-3748.29	1966.09	-5835.37
			END-J	-61.401	-130.863	100.068	-3748.29	3266.99	-3912.32
96	TANGENT	2	END-I	-1171.904	-676.416	-52.139	25638.13	22759.47	-80164.83
			END-J	-1171.904	-676.416	-52.139	25638.13	22081.65	-71371.36
97	TANGENT	1	END-I	-61.400	-130.863	-65.410	-3748.31	3266.99	-3912.30
			END-J	-61.400	-34.721	-65.410	-3748.31	871.34	-880.01
97	TANGENT	2	END-I	-1171.899	-676.416	-1021.237	25637.74	22081.65	-71371.50
			END-J	-1171.899	-676.416	-1021.237	25637.74	-15321.56	-46597.52
98	TANGENT	1	END-I	15.339	0.000	-0.000	0.0	0.00	0.00
			END-J	14.773	0.000	-0.000	0.0	-0.00	0.00
98	TANGENT	2	END-I	0.0	0.000	0.000	0.0	0.00	-0.00
			END-J	0.0	0.000	0.000	0.0	0.00	-0.00

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
99	TANGENT	1	END-I	14.773	0.000	-0.000	0.0	-0.00	0.00
			END-J	14.313	0.000	-0.000	0.0	-0.00	0.00
99	TANGENT	2	END-I	-0.000	-0.000	-0.000	0.0	-0.00	-0.00
			END-J	-0.000	-0.000	-0.000	0.0	-0.00	-0.00
100	TANGENT	1	END-I	14.313	0.000	0.000	0.0	-0.00	0.00
			END-J	14.154	0.000	0.000	0.0	-0.00	0.00
100	TANGENT	2	END-I	0.0	-0.000	0.000	0.0	-0.00	-0.00
			END-J	0.0	-0.000	0.000	0.0	-0.00	0.00
101	TANGENT	1	END-I	1.154	0.000	0.000	0.0	0.00	-0.00
			END-J	0.0	0.000	0.000	0.0	-0.00	-0.00
101	TANGENT	2	END-I	0.0	-0.000	-0.000	0.0	-0.00	0.00
			END-J	0.0	-0.000	-0.000	0.0	-0.00	0.0
102	TANGENT	1	END-I	-61.405	-19.382	-65.404	-3748.39	871.34	-879.69
			END-J	-61.405	-3.632	-65.404	-3748.39	478.91	-810.64
102	TANGENT	2	END-I	-1171.986	-676.416	-1021.138	25633.78	-15321.56	-46599.69
			END-J	-1171.986	-676.416	-1021.138	25633.78	-21448.40	-42541.19
103	TANGENT	1	END-I	-61.392	-3.632	-65.417	-3748.23	478.91	-811.38
			END-J	-61.392	12.116	-65.417	-3748.23	86.46	-836.83
103	TANGENT	2	END-I	-1171.784	-676.416	-1021.369	25642.19	-21448.40	-42536.12
			END-J	-1171.784	-676.416	-1021.369	25642.19	-27575.84	-38478.14
104	BEND	1	END-I	-61.401	-12.116	65.408	-3748.34	-86.46	836.34
			CENTER	-65.105	21.728	65.408	-2539.25	3005.53	807.40
			END-J	-49.228	61.399	65.408	502.04	4337.01	514.16
104	BEND	2	END-I	-1171.918	676.416	1021.215	25637.12	27575.84	38481.52
			CENTER	-350.400	1306.962	1021.215	40319.05	7870.49	31087.85
			END-J	676.368	1171.946	1021.215	36767.45	-16445.07	21846.94
105	TANGENT	1	END-I	-49.225	51.214	-73.657	502.22	-398.72	-4349.12
			END-J	-57.100	51.214	-73.657	502.22	-619.69	-4502.76
105	TANGENT	2	END-I	676.416	755.264	-1358.621	36766.78	24788.79	11545.29
			END-J	676.416	755.264	-1358.621	36766.78	20712.93	9279.50
106	TANGENT	1	END-I	-57.100	4.909	-73.657	502.22	-619.69	-4502.76
			END-J	-67.600	4.909	-73.657	502.22	-914.32	-4522.40
106	TANGENT	2	END-I	676.416	-281.689	-1358.621	36766.78	20712.93	9279.50
			END-J	676.416	-281.689	-1358.621	36766.78	15278.45	10406.25
107	BEND	1	END-I	-67.600	-4.909	73.657	502.22	914.32	4522.40
			CENTER	-64.392	57.450	73.657	1195.81	760.15	4343.18
			END-J	-4.909	104.710	73.657	1577.24	160.70	3745.56

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
107	BEND	2	END-I	676.416	281.689	1358.621	36766.78	-15278.45	-10406.25
			CENTER	677.482	-279.114	1358.621	18775.92	-28155.33	-10415.85
			END-J	281.689	-676.416	1358.621	-3050.86	-24539.20	-6853.72
108	TANGENT	1	END-I	-4.909	104.710	73.657	1577.24	160.70	3745.56
			END-J	-4.909	147.857	73.657	1577.24	1371.41	1669.83
108	TANGENT	2	END-I	281.689	-676.416	1358.621	-3050.86	-24539.20	-6853.72
			END-J	281.689	-676.416	1358.621	-3050.86	-2207.55	4264.53
109	BEND	1	END-I	-4.909	-73.657	147.857	1577.24	-1669.83	1371.41
			CENTER	-55.555	-48.612	166.412	340.93	-1292.79	1827.22
			END-J	-73.657	4.909	184.967	-217.75	-33.90	1990.14
109	BEND	2	END-I	281.689	-1358.621	-676.416	-3050.86	-4264.53	-2207.55
			CENTER	-761.505	-1159.874	-676.416	-6955.82	-5162.87	7181.20
			END-J	-1358.621	-281.689	-676.416	-10352.27	-3036.88	12555.24
110	TANGENT	1	END-I	-73.657	184.967	-4.909	-217.75	1990.14	33.90
			END-J	-73.657	323.924	-4.909	-217.75	1730.27	-13435.44
110	TANGENT	2	END-I	-1358.621	-676.416	281.689	-10352.27	12555.24	3036.88
			END-J	-1358.621	-676.416	281.689	-10352.27	27466.74	38843.61
111	TANGENT	1	END-I	-73.657	-328.000	-4.909	-217.75	1730.27	-13435.44
			END-J	-73.657	-138.344	-4.909	-217.75	1375.59	3411.21
111	TANGENT	2	END-I	-1358.621	211.745	281.689	-10352.27	27466.74	38843.61
			END-J	-1358.621	211.745	281.689	-10352.27	47818.78	23545.00
112	TANGENT	1	END-I	-73.657	-138.344	-26.510	-217.75	1375.59	3411.21
			END-J	-73.657	46.470	-26.510	-217.75	-490.84	6645.40
112	TANGENT	2	END-I	-1358.621	211.745	-571.670	-10352.27	47818.78	23545.00
			END-J	-1358.621	211.745	-571.670	-10352.27	7570.37	8637.07
113	BEND	1	END-I	-73.657	-26.510	-46.470	-217.75	6645.40	490.84
			CENTER	-76.767	-15.332	-49.974	762.14	6540.44	518.82
			END-J	-78.190	-3.817	-53.479	1715.41	6287.15	531.63
113	BEND	2	END-I	-1358.621	-571.670	-211.745	-10352.27	8637.07	-7570.37
			CENTER	-1428.193	-364.583	-211.745	-8982.91	9790.63	-6944.22
			END-J	-1466.393	-149.487	-211.745	-7458.10	10729.13	-6600.42
114	TANGENT	1	END-I	-78.190	53.479	-3.816	1715.50	-531.63	6287.13
			END-J	-78.190	332.766	-3.816	1715.50	-937.64	-14260.13
114	TANGENT	2	END-I	-1466.396	211.745	-149.467	-7457.95	6600.42	10729.24
			END-J	-1466.396	211.745	-149.467	-7457.95	-9302.08	-11799.42
115	TANGENT	1	END-I	-78.190	-316.543	-3.816	1715.57	-937.64	-14260.12
			END-J	-78.190	15.092	-3.816	1715.57	-1419.79	4782.09

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
115	TANGENT	2	END-I	-1466.395	-77.199	-149.473	-7457.89	-9302.08	-11799.45
			END-J	-1466.395	-77.199	-149.473	-7457.89	-28186.13	-2046.38
116	TANGENT	1	END-I	-78.190	15.092	-3.812	1715.83	-1419.79	4782.00
			END-J	-78.190	41.466	-3.812	1715.83	-1458.10	4497.87
116	TANGENT	2	END-I	-1466.403	-77.199	-149.393	-7458.00	-28186.13	-2045.97
			END-J	-1466.403	-77.199	-149.393	-7458.00	-29687.10	-1270.35
117	TANGENT	1	END-I	7.475	41.466	-3.814	1715.64	-1458.10	4497.94
			END-J	7.475	297.402	-3.814	1715.64	-1829.94	-12021.82
117	TANGENT	2	END-I	-2384.773	-77.199	-149.472	-7457.95	-29687.10	-1270.66
			END-J	-2384.773	-77.199	-149.472	-7457.95	-44260.51	6256.18
118	TANGENT	1	END-I	7.475	297.402	-3.814	1715.04	-1829.94	-12021.90
			END-J	7.475	340.921	-3.814	1715.04	-1856.64	-14256.03
118	TANGENT	2	END-I	-2384.781	-77.199	-149.351	-7457.64	-44260.51	6256.56
			END-J	-2384.781	-77.199	-149.351	-7457.64	-45305.97	6796.95
119	TANGENT	1	END-I	7.475	340.921	-3.813	1716.35	-1856.64	-14255.88
			END-J	7.475	393.768	-3.813	1716.35	-1889.05	-17378.43
119	TANGENT	2	END-I	-2384.767	-77.199	-149.571	-7458.26	-45305.97	6796.26
			END-J	-2384.767	-77.199	-149.571	-7458.26	-46577.37	7452.48
120	TANGENT	1	END-I	1084.017	-46.552	-71.554	3042.88	2657.06	-1432.81
			END-J	1103.704	-46.552	-71.554	3042.88	2120.40	-1083.67
120	TANGENT	2	END-I	-534.091	-692.849	-532.735	68496.64	24397.74	-14090.65
			END-J	-534.091	-692.849	-532.735	68496.64	20402.23	-8894.28
121	TANGENT	1	END-I	-74.562	-690.249	-27.414	1122.90	-4931.93	-14418.58
			END-J	-74.562	-637.402	-27.414	1122.90	-5164.96	-8775.84
121	TANGENT	2	END-I	-3096.777	456.893	-656.412	-13800.89	-115074.01	34903.66
			END-J	-3096.777	456.893	-656.412	-13800.89	-120653.74	31019.91
122	TANGENT	1	END-I	-74.563	-637.402	-27.412	1122.68	-5164.96	-8775.86
			END-J	-74.563	-554.130	-27.412	1122.68	-5532.12	-796.03
122	TANGENT	2	END-I	-3096.794	456.893	-656.336	-13800.13	-120653.74	31020.25
			END-J	-3096.794	456.893	-656.336	-13800.13	-129444.85	24900.53
123	BEND	1	END-I	-74.563	-27.411	554.130	1122.67	-796.05	5532.12
			CENTER	-79.204	-6.140	528.493	1171.72	1132.96	5601.74
			END-J	-77.897	15.591	502.855	1728.14	2871.83	5582.13
123	BEND	2	END-I	-3096.800	-656.303	-456.893	-13799.86	24900.67	129444.85
			CENTER	-3158.673	209.020	-456.893	-6779.32	25851.33	130372.94
			END-J	-2983.317	1058.644	-456.893	235.67	24860.45	127742.60

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
124	TANGENT	1	END-I	-77.898	-502.855	15.587	1727.98	-5582.13	2871.93
			END-J	-77.898	-3.765	15.587	1727.98	-4330.81	23207.24
124	TANGENT	2	END-I	-2983.376	456.893	1058.477	234.28	-127742.60	24860.47
			END-J	-2983.376	456.893	1058.477	234.28	-42769.76	-11818.13
125	TANGENT	1	END-I	-77.898	-3.765	15.586	1727.57	-4330.81	23207.27
			END-J	-77.898	62.502	15.586	1727.57	-4164.69	22894.23
125	TANGENT	2	END-I	-2983.395	456.893	1058.424	234.49	-42769.76	-11818.12
			END-J	-2983.395	456.893	1058.424	234.49	-31488.02	-16688.14
126	TANGENT	1	END-I	-77.897	62.502	15.591	1729.17	-4164.69	22894.11
			END-J	-77.897	124.665	15.591	1729.17	-4008.79	21958.39
126	TANGENT	2	END-I	-2983.321	456.893	1058.632	233.33	-31488.02	-16688.16
			END-J	-2983.321	456.893	1058.632	233.33	-20902.98	-21256.53
127	TANGENT	1	END-I	-77.895	124.665	15.600	1731.71	-4008.79	21958.19
			END-J	-77.895	542.967	15.600	1731.71	-2959.15	-502.17
127	TANGENT	2	END-I	-2983.199	456.893	1058.977	230.87	-20902.98	-21256.56
			END-J	-2983.199	456.893	1058.977	230.87	50348.90	-51997.96
128	BEND	1	END-I	-77.898	15.587	-542.967	1731.79	-501.88	2959.15
			CENTER	-44.061	66.103	-616.208	-1625.19	-7748.07	2451.61
			END-J	15.585	77.898	-689.449	-9444.49	-11275.10	1556.91
128	BEND	2	END-I	-2983.377	1058.475	-456.893	239.63	-51997.92	-50348.90
			CENTER	-1361.154	2858.000	-456.893	-38605.32	-41784.08	-74682.24
			END-J	1058.385	2983.409	-456.893	-58851.10	-7094.58	-110975.33
129	TANGENT	1	END-I	15.142	689.449	77.986	-9380.33	-1556.91	-11328.53
			END-J	15.142	707.954	77.986	-9380.33	-1324.79	-13408.24
129	TANGENT	2	END-I	1041.432	456.893	2989.369	-58809.88	110975.33	-7428.55
			END-J	1041.432	456.893	2989.369	-58809.88	119873.29	-8788.50
130	BEND	1	END-I	15.587	607.633	-77.898	-9467.11	1089.38	11487.76
			CENTER	388.889	366.857	-77.898	-6266.28	6638.26	5478.54
			END-J	461.152	-15.573	-77.898	-79.33	8298.67	3405.50
130	BEND	2	END-I	1058.475	-514.735	-2983.377	-58850.39	-128881.08	10009.98
			CENTER	384.499	-1112.422	-2983.377	-145852.14	-81164.18	20119.62
			END-J	-514.704	-1058.490	-2983.377	-173632.16	14095.86	33607.66
131	TANGENT	1	END-I	461.151	48.014	-63.291	-79.09	2948.29	8471.89
			END-J	436.283	48.014	-63.291	-79.09	2695.13	8279.84
131	TANGENT	2	END-I	-514.735	1533.051	-2769.596	-173631.73	-15826.99	32830.19
			END-J	-514.735	1533.051	-2769.596	-173631.73	-26905.38	26697.99

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
132	TANGENT	1	END-I	1103.286	43.861	-79.283	2879.15	2494.13	-647.55
			END-J	1125.599	45.390	-79.283	2879.15	1818.64	-1027.76
132	TANGENT	2	END-I	-493.536	-610.294	-658.075	66850.14	26379.10	-4727.68
			END-J	-493.536	-610.294	-658.075	66850.14	20772.36	471.98
133	BEND	1	END-I	1126.069	-82.037	23.601	2996.71	-861.81	-1711.80
			CENTER	751.362	-867.380	23.601	1571.81	-2578.19	1810.90
			END-J	-82.037	-1163.179	23.601	-649.40	-2784.30	9373.77
133	BEND	2	END-I	-534.091	-712.004	506.850	68113.46	2076.06	-16028.11
			CENTER	-881.122	-125.803	506.850	50967.57	-43469.92	-12904.84
			END-J	-712.004	534.091	506.850	6637.72	-63551.81	-14426.90
134	TANGENT	1	END-I	-82.038	1163.179	-23.597	-649.85	2784.30	-9373.74
			END-J	-82.038	1176.871	-23.597	-649.85	2661.22	-15476.49
134	TANGENT	2	END-I	-712.028	-534.091	-506.816	6638.41	63551.81	14426.58
			END-J	-712.028	-534.091	-506.816	6638.41	60908.30	17212.36
135	TANGENT	1	END-I	-82.038	-326.847	-23.598	-649.79	2661.22	-15476.49
			END-J	-82.038	-51.625	-23.598	-649.79	187.08	4364.20
135	TANGENT	2	END-I	-712.026	245.619	-506.819	6638.34	60908.30	17212.38
			END-J	-712.026	245.619	-506.819	6638.34	7770.25	-8539.82
136	TANGENT	1	END-I	-82.039	-51.625	-23.595	-649.65	187.08	4364.22
			END-J	-82.039	49.271	-23.595	-649.65	-719.84	4409.45
136	TANGENT	2	END-I	-712.042	245.619	-506.796	6638.07	7770.25	-8540.03
			END-J	-712.042	245.619	-506.796	6638.07	-11709.39	-17980.84
137	TANGENT	1	END-I	12.352	3.504	-11.153	2.09	65.83	22.02
			END-J	10.749	3.504	-11.153	2.09	-38.73	-10.83
137	TANGENT	2	END-I	-0.056	-8.720	21.734	5.51	-175.92	-81.71
			END-J	-0.056	-8.720	21.734	5.51	27.84	0.04
138	TANGENT	1	END-I	11.691	-10.749	0.089	-0.97	-2.09	-40.21
			END-J	11.691	-9.595	0.089	-0.97	-1.49	28.45
138	TANGENT	2	END-I	-23.334	0.056	-1.982	8.10	-5.51	26.64
			END-J	-23.334	0.056	-1.982	8.10	-18.89	26.26
139	TANGENT	1	END-I	11.691	3.405	0.090	-0.97	-1.49	28.45
			END-J	11.691	4.731	0.090	-0.97	-0.78	-3.08
139	TANGENT	2	END-I	-23.334	0.056	-1.984	8.10	-18.89	26.26
			END-J	-23.334	0.056	-1.984	8.10	-34.27	25.83
140	BEND	1	END-I	11.691	4.731	0.091	-0.97	-0.78	-3.08
			CENTER	11.992	-4.541	0.091	-1.14	0.39	-3.48
			END-J	5.806	-11.690	0.091	-0.42	1.34	23.20

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
140	BEND	2	END-I	-23.334	0.056	-1.986	8.10	-34.27	25.83
			CENTER	-16.461	16.538	-1.986	-20.83	-35.58	-1.66
			END-J	0.054	23.334	-1.986	-42.22	-16.05	-67.72
141	TANGENT	1	END-I	5.805	3.504	11.153	-0.42	21.79	-8.06
			END-J	6.158	3.504	11.153	-0.42	44.80	-15.29
141	TANGENT	2	END-I	0.056	-8.720	-21.734	-42.22	-60.07	35.14
			END-J	0.056	-8.720	-21.734	-42.22	-104.91	53.13
142	TANGENT	1	END-I	6.158	3.504	11.153	-0.42	44.80	-15.29
			END-J	6.724	3.504	11.153	-0.42	81.74	-26.90
142	TANGENT	2	END-I	0.056	-8.720	-21.734	-42.22	-104.91	53.13
			END-J	0.056	-8.720	-21.734	-42.22	-176.89	82.01
143	TANGENT	1	END-I	-82.037	116.911	-23.601	-649.93	-1156.41	2836.77
			END-J	-82.037	164.162	-23.601	-649.93	-1581.24	307.07
143	TANGENT	2	END-I	-712.004	245.619	-506.850	6639.65	-21085.71	-22524.37
			END-J	-712.004	245.619	-506.850	6639.65	-30209.17	-26945.58
144	TANGENT	1	END-I	-82.049	164.162	-157.147	-649.88	-1581.24	307.16
			END-J	-82.049	187.786	-157.147	-649.88	-2995.48	-1276.51
144	TANGENT	2	END-I	-712.087	245.619	-706.953	6635.91	-30209.17	-26946.50
			END-J	-712.087	245.619	-706.953	6635.91	-36571.38	-29156.94
145	BEND	1	END-I	-82.027	-157.158	-187.786	-649.71	-1276.60	2995.48
			CENTER	-169.130	-53.124	-206.341	-1873.78	-1700.62	3779.41
			END-J	-157.157	82.030	-224.896	-3088.06	-1252.97	3671.65
145	BEND	2	END-I	-711.989	-707.052	-245.619	6639.96	-29156.02	36571.38
			CENTER	-1003.414	3.499	-245.619	-16568.94	-26874.57	39194.20
			END-J	-707.041	712.000	-245.619	-31366.73	-8850.05	36526.84
146	TANGENT	1	END-I	-157.155	224.896	82.034	-3088.10	-3671.65	-1252.88
			END-J	-157.155	270.344	82.034	-3088.10	-2251.35	-5540.05
146	TANGENT	2	END-I	-707.019	245.619	712.022	-31366.99	-36526.84	-8849.12
			END-J	-707.019	245.619	712.022	-31366.99	-24199.24	-13101.64
147	TANGENT	1	END-I	-1020.977	-174.272	32.502	774.70	508.48	-10260.34
			END-J	-1354.614	-174.272	32.502	774.70	4006.51	8495.70
147	TANGENT	2	END-I	-245.619	-884.301	474.196	11382.82	-21553.77	-19737.73
			END-J	-245.619	-884.301	474.196	11382.82	29481.62	75435.20
148	TANGENT	1	END-I	-1641.292	115.188	-177.101	9215.17	-9673.11	-14953.74
			END-J	-1557.169	115.188	-177.101	9215.17	-11776.18	-16321.60

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
148	TANGENT	2	END-I	-1332.046	4056.823	-5331.933	214584.05	14887.12	58669.68
			END-J	-1332.046	4056.823	-5331.933	214584.05	-48429.58	10494.91
149	BEND	1	END-I	-1557.169	-173.142	121.057	9215.17	4804.75	19544.50
			CENTER	-1164.502	919.642	121.057	10445.43	-1834.64	14781.55
			END-J	-173.142	1390.256	121.057	6620.60	-7399.31	377.99
149	BEND	2	END-I	-1332.046	-5758.756	3424.040	214584.05	48834.69	8410.73
			CENTER	-5013.954	-3130.157	3424.040	201308.34	-80885.07	63639.36
			END-J	-5758.756	1332.046	3424.040	100195.28	-163223.45	74811.39
150	TANGENT	1	END-I	-173.248	-1390.256	-120.905	6620.27	7399.31	-383.82
			END-J	-173.248	-1256.528	-120.905	6620.27	5171.95	23996.30
150	TANGENT	2	END-I	-5761.769	-1332.046	-3418.968	100129.38	163223.45	-74899.57
			END-J	-5761.769	-1332.046	-3418.968	100129.38	100237.68	-50360.02
151	TANGENT	1	END-I	-173.143	713.385	-121.055	5079.03	2992.73	28890.04
			END-J	-173.143	965.945	-121.055	5079.03	-1925.02	-5220.59
151	TANGENT	2	END-I	-5758.794	-1332.046	-3423.976	100174.58	38598.82	-26295.72
			END-J	-5758.794	-1332.046	-3423.976	100174.58	-100497.04	27817.41
152	TANGENT	1	END-I	-173.149	-465.362	-121.047	5078.79	-1925.02	-5220.82
			END-J	-173.149	-416.359	-121.047	5078.79	-2879.12	-1745.92
152	TANGENT	2	END-I	-5758.949	-3190.276	-3423.715	100175.84	-100497.04	27812.86
			END-J	-5758.949	-3190.276	-3423.715	100175.84	-127483.01	52958.84
153	BEND	1	END-I	-173.142	-121.058	416.359	5078.89	-1745.62	2879.12
			CENTER	-211.235	-3.541	361.020	4254.31	-1034.03	3450.53
			END-J	-177.102	115.186	305.681	3826.71	-447.18	2938.53
153	BEND	2	END-I	-5758.744	-3424.059	3190.276	100172.67	52964.84	127483.01
			CENTER	-6688.924	381.588	3190.276	120845.76	14653.54	141435.71
			END-J	-5331.980	4056.761	3190.276	116561.03	-28668.20	121081.55
154	TANGENT	1	END-I	-177.101	-305.681	115.188	3826.70	-2938.53	-447.23
			END-J	-177.101	160.245	115.188	3826.70	5694.10	5002.55
154	TANGENT	2	END-I	-5331.933	-3190.276	4056.823	116560.70	-121081.55	-28669.55
			END-J	-5331.933	-3190.276	4056.823	116560.70	182952.97	210422.46
155	BEND	1	END-I	-177.101	160.245	115.188	3826.70	5694.10	5002.55
			CENTER	39.872	290.330	115.188	7238.29	2542.20	2157.67
			END-J	306.730	177.101	115.188	7421.92	-2098.88	-856.09
155	BEND	2	END-I	-5331.933	-3190.276	4056.823	116560.70	182952.97	210422.46
			CENTER	-6026.111	1514.381	4056.823	229611.38	89975.53	220835.13
			END-J	-3190.276	5331.933	4056.823	243805.31	-55708.36	178297.59

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
156	TANGENT	1	END-I	306.730	115.188	-177.101	7421.92	-856.09	2098.88
			END-J	493.240	115.188	-177.101	7421.92	-6169.11	-1356.75
156	TANGENT	2	END-I	-3190.276	4056.823	-5331.933	243805.31	178297.59	55708.36
			END-J	-3190.276	4056.823	-5331.933	243805.31	18339.60	-65996.32
157	BEND	1	END-I	493.240	-188.307	95.778	7421.92	4664.18	4259.60
			CENTER	267.410	-533.717	95.778	8966.95	-934.14	8636.16
			END-J	-188.307	-639.725	95.778	6100.84	-5985.25	15881.63
157	BEND	2	END-I	-3190.276	-6179.311	2589.100	243805.31	-48881.33	47984.07
			CENTER	-6625.298	-2113.567	2589.100	149207.01	-179499.16	99509.41
			END-J	-6179.311	3190.276	2589.100	-10044.84	-204968.82	92819.60
158	TANGENT	1	END-I	-188.307	639.725	-95.778	6100.84	5985.25	-15881.63
			END-J	-188.307	658.375	-95.778	6100.84	5697.93	-17828.74
158	TANGENT	2	END-I	-6179.311	-3190.276	-2589.100	-10044.84	204968.82	-92819.60
			END-J	-6179.311	-3190.276	-2589.100	-10044.84	197201.69	-83248.98
159	TANGENT	1	END-I	-188.312	-633.212	-95.767	6099.88	5697.93	-17829.07
			END-J	-188.312	383.025	-95.767	6099.88	-9956.32	2618.87
159	TANGENT	2	END-I	-6179.451	-770.751	-2588.765	-10049.34	197201.69	-83248.44
			END-J	-6179.451	-770.751	-2588.765	-10049.34	-225960.73	42739.42
160	BEND	1	END-I	-188.311	95.770	383.025	6099.84	-2618.95	-9956.32
			CENTER	-157.104	141.249	407.442	5414.04	-2573.78	-10424.42
			END-J	-115.188	177.101	431.858	4775.78	-2257.82	-11053.16
160	BEND	2	END-I	-6179.414	2588.854	-770.751	-10049.95	-42739.28	-225960.73
			CENTER	-5298.710	4100.121	-770.751	-21164.22	-41673.89	-239171.29
			END-J	-4056.840	5331.920	-770.751	-31623.93	-37767.97	-257799.35
161	TANGENT	1	END-I	-115.188	431.858	-177.101	4775.77	-11053.16	2257.84
			END-J	-115.188	621.358	-177.101	4775.77	-16451.37	-13793.71
161	TANGENT	2	END-I	-4056.823	-770.751	-5331.933	-31624.05	-257799.35	37767.87
			END-J	-4056.823	-770.751	-5331.933	-31624.05	-420322.00	61261.14
162	TANGENT	1	END-I	-115.188	621.358	-177.101	4775.77	-16451.37	-13793.71
			END-J	-115.188	680.420	-177.101	4775.77	-18133.83	-19977.15
162	TANGENT	2	END-I	-4056.823	-770.751	-5331.933	-31624.05	-420322.00	61261.14
			END-J	-4056.823	-770.751	-5331.933	-31624.05	-470975.36	68583.28
163	TANGENT	1	END-I	295.765	2664.107	176.335	8955.88	-12401.91	-27755.67
			END-J	295.765	2746.267	176.335	8955.88	-10638.56	-54807.54
163	TANGENT	2	END-I	1621.179	-1375.063	3280.416	-51882.70	-259953.20	-422695.95
			END-J	1621.179	-1375.063	3280.416	-51882.70	-227149.05	-408945.33

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
164	TANGENT	1	END-I	118.664	-1983.687	291.523	-11021.27	-5731.92	-32531.44
			END-J	118.664	-1901.527	291.523	-11021.27	-2816.69	-13105.37
164	TANGENT	2	END-I	-3710.754	604.311	7337.238	16700.58	-211022.15	-391071.90
			END-J	-3710.754	604.311	7337.238	16700.58	-137649.77	-397115.02
165	BEND	1	END-I	118.664	1901.527	-291.523	-11021.27	2816.69	13105.37
			CENTER	815.092	1657.715	-291.523	-9503.86	4811.85	367.04
			END-J	1346.362	1178.539	-291.523	-7338.43	6074.44	-9772.88
165	BEND	2	END-I	-3710.754	-604.311	-7337.238	16700.58	137649.77	397115.02
			CENTER	-3659.549	861.738	-7337.238	58052.44	70239.42	396193.32
			END-J	-3051.207	2196.595	-7337.238	70459.66	-7864.32	385243.16
166	BEND	1	END-I	1346.359	1178.543	-291.523	-7338.45	6074.43	-9772.88
			CENTER	1641.229	551.375	-291.523	-4854.68	6412.24	-15944.13
			END-J	1669.224	-118.669	-291.523	-2430.71	5773.85	-17466.75
166	BEND	2	END-I	-3051.212	2196.587	-7337.238	70459.68	-7864.14	385243.16
			CENTER	-1978.351	3197.032	-7337.238	52033.42	-84770.62	365931.66
			END-J	-604.302	3710.756	-7337.238	5578.86	-148771.46	341198.78
167	TANGENT	1	END-I	1669.224	291.523	-118.664	-2430.73	17466.75	5773.84
			END-J	1619.928	291.523	-118.664	-2430.73	16754.76	4024.71
167	TANGENT	2	END-I	-604.311	7337.238	3710.754	5579.24	-341198.78	-148771.44
			END-J	-604.311	7337.238	3710.754	5579.24	-318934.25	-192794.87
168	TANGENT	1	END-I	1619.928	8.085	-118.664	-2430.73	16754.76	4024.71
			END-J	962.648	8.085	-118.664	-2430.73	7261.62	3377.87
168	TANGENT	2	END-I	-604.311	-1705.169	3710.754	5579.24	-318934.25	-192794.87
			END-J	-604.311	-1705.169	3710.754	5579.24	-22073.91	-56381.36
169	TANGENT	1	END-I	586.316	8.085	-118.664	-2430.73	8741.76	3271.73
			END-J	454.860	8.085	-118.664	-2430.73	6843.13	3142.37
169	TANGENT	2	END-I	-604.311	-1705.169	3710.754	5579.24	-7230.90	-49560.68
			END-J	-604.311	-1705.169	3710.754	5579.24	52141.17	-22277.98
170	TANGENT	1	END-I	78.528	8.085	-118.664	-2430.73	8323.27	3036.23
			END-J	45.664	8.085	-118.664	-2430.73	7848.62	3003.88
170	TANGENT	2	END-I	-604.311	-1705.169	3710.754	5579.24	66984.19	-15457.30
			END-J	-604.311	-1705.169	3710.754	5579.24	81827.21	-8636.63
171	BEND	1	END-I	45.664	114.696	-31.486	-2430.73	-248.57	8400.14
			CENTER	31.261	130.944	-31.486	-2060.54	1142.27	6777.09
			END-J	114.696	186.638	-31.486	-815.31	1863.98	4495.58
171	BEND	2	END-I	-604.311	-4065.449	-386.552	5579.24	35129.18	74405.80
			CENTER	-3302.019	-2447.394	-386.552	26747.27	15974.96	122964.54
			END-J	-4065.449	604.311	-386.552	28171.25	-12537.18	136706.28

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
172	TANGENT	1	END-I	114.695	186.638	-31.489	-815.19	1863.98	4495.60
			END-J	114.695	463.928	-31.489	-815.19	801.23	-6482.68
172	TANGENT	2	END-I	-4065.460	604.311	-386.437	28175.12	-12537.18	136705.48
			END-J	-4065.460	604.311	-386.437	28175.12	-25579.41	116309.99
173	TANGENT	1	END-I	114.695	463.928	-31.490	-815.22	801.23	-6482.68
			END-J	114.695	991.809	-31.490	-815.22	-1221.99	-53248.49
173	TANGENT	2	END-I	-4065.462	604.311	-386.414	28175.78	-25579.41	116309.82
			END-J	-4065.462	604.311	-386.414	28175.78	-50406.64	77482.58
174	TANGENT	1	END-I	295.765	2746.267	176.335	8955.88	-10638.56	-54807.54
			END-J	295.765	2860.781	176.335	8955.88	-8180.81	-93883.06
174	TANGENT	2	END-I	1621.179	-1375.063	3280.416	-51882.70	-227149.05	-408945.33
			END-J	1621.179	-1375.063	3280.416	-51882.70	-181426.61	-389779.70
175	TANGENT	1	END-I	295.765	-2508.955	176.335	8955.88	-8180.81	-93883.06
			END-J	295.765	-2442.717	176.335	8955.88	-6759.20	-73922.87
175	TANGENT	2	END-I	1621.179	-11228.436	3280.416	-51882.70	-181426.61	-389779.70
			END-J	1621.179	-11228.436	3280.416	-51882.70	-154979.90	-299256.05
176	TANGENT	1	END-I	289.205	-2046.954	184.426	8119.39	-6820.97	-73987.45
			END-J	289.205	-1834.365	184.426	8119.39	-2048.93	-23772.89
176	TANGENT	2	END-I	451.679	-16859.488	3220.105	-43492.00	-156099.97	-391390.39
			END-J	451.679	-16859.488	3220.105	-43492.00	-72779.74	44848.87
177	BEND	1	END-I	289.205	-1834.365	184.426	8119.39	-2048.93	-23772.89
			CENTER	-1010.462	-1419.460	184.426	5264.77	-4842.72	400.80
			END-J	-1602.063	-289.205	184.426	1270.74	-4799.71	12931.92
177	BEND	2	END-I	451.679	-16859.488	3220.105	-43492.00	-72779.74	44848.87
			CENTER	-11602.073	-12240.844	3220.105	-65239.89	20275.69	261816.41
			END-J	-16859.488	-451.679	3220.105	-14817.85	101453.89	356449.89
178	TANGENT	1	END-I	-1602.063	-184.426	-289.205	1270.74	-12931.92	-4799.71
			END-J	-1577.415	-184.426	-289.205	1270.74	-13799.53	-4246.43
178	TANGENT	2	END-I	-16859.488	-3220.105	-451.679	-14817.85	-356449.89	101453.89
			END-J	-16859.488	-3220.105	-451.679	-14817.85	-357804.93	111114.21
179	TANGENT	1	END-I	-1577.415	-41.968	58.430	1270.74	-13799.53	-4246.43
			END-J	497.125	-41.968	58.430	1270.74	954.01	6350.49
179	TANGENT	2	END-I	-16859.488	840.776	1564.894	-14817.85	-357804.93	111114.21
			END-J	-16859.488	840.776	1564.894	-14817.85	37330.89	-101181.78
180	TANGENT	1	END-I	873.457	-41.968	58.430	1270.74	1097.73	4563.56
			END-J	910.429	-41.968	58.430	1270.74	1360.66	4752.41

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
180	TANGENT	2	END-I	-16859.488	840.776	1564.894	-14817.85	43590.47	-104544.88
			END-J	-16859.488	840.776	1564.894	-14817.85	50632.49	-108328.37
181	BEND	1	END-I	910.429	41.968	-58.430	1270.74	-1360.66	-4752.41
			CENTER	755.577	-696.226	-58.430	-371.63	-2604.38	-82.78
			END-J	41.968	-1142.731	-58.430	-2412.40	-2322.48	13541.86
181	BEND	2	END-I	-16859.488	-840.776	-1564.894	-14817.85	-50632.49	108328.37
			CENTER	-12515.977	11326.940	-1564.894	-54530.63	-45242.63	30145.17
			END-J	-840.776	16859.488	-1564.894	-78800.59	-13350.25	-180008.45
182	TANGENT	1	END-I	41.968	1142.731	58.430	-2412.40	2322.48	-13541.86
			END-J	41.968	1249.539	58.430	-2412.40	3082.07	-29091.62
182	TANGENT	2	END-I	-840.776	-16859.488	1564.894	-78800.59	13350.25	180008.45
			END-J	-840.776	-16859.488	1564.894	-78800.59	33693.88	399181.80
183	TANGENT	1	END-I	395.763	8.092	6.560	-61.77	-64.58	836.49
			END-J	387.099	8.092	6.560	-61.77	-22.76	784.91
183	TANGENT	2	END-I	-5631.053	-60.311	1169.499	-1120.07	-92134.34	-8390.70
			END-J	-5631.053	-60.311	1169.499	-1120.07	-84678.78	-8006.23
184	TANGENT	1	END-I	387.099	8.092	6.560	-61.77	-22.76	784.91
			END-J	381.663	8.092	6.560	-61.77	3.48	752.54
184	TANGENT	2	END-I	-5631.053	-60.311	1169.499	-1120.07	-84678.78	-8006.23
			END-J	-5631.053	-60.311	1169.499	-1120.07	-80000.78	-7764.98
185	TANGENT	1	END-I	381.663	8.092	6.560	-61.77	3.48	752.54
			END-J	235.401	8.092	6.560	-61.77	709.54	-118.31
185	TANGENT	2	END-I	-5631.053	-60.311	1169.499	-1120.07	-80000.78	-7764.98
			END-J	-5631.053	-60.311	1169.499	-1120.07	45866.60	-1274.06
186	TANGENT	1	END-I	235.401	-3.090	7.369	-61.77	709.54	-118.31
			END-J	234.042	-3.090	7.369	-61.77	716.91	-115.22
186	TANGENT	2	END-I	-5631.053	1007.529	1941.211	-1120.07	45866.60	-1274.06
			END-J	-5631.053	1007.529	1941.211	-1120.07	47807.81	-2281.59
187	TANGENT	1	END-I	33.534	-3.090	7.369	-61.77	-423.16	-78.15
			END-J	32.175	-3.090	7.369	-61.77	-415.79	-75.06
187	TANGENT	2	END-I	-5631.053	1007.529	1941.211	-1120.07	71102.35	-14371.95
			END-J	-5631.053	1007.529	1941.211	-1120.07	73043.56	-15379.48
188	BEND	1	END-I	32.175	-5.910	-5.378	-61.77	209.88	-366.69
			CENTER	14.044	-22.402	-5.378	95.28	169.27	-292.50
			END-J	-5.910	-19.367	-5.378	177.62	29.50	-187.11

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
188	BEND	2	END-I	-5631.053	-2166.461	299.771	-1120.07	-9952.68	73978.61
			CENTER	-5513.675	2449.836	299.771	-7302.81	-4973.78	73274.34
			END-J	-2166.461	5631.053	299.771	-8154.06	2918.69	53191.06
189	TANGENT	1	END-I	-5.907	-19.367	-5.381	177.73	29.50	-187.00
			END-J	-5.907	4.891	-5.381	177.73	-66.55	-57.80
189	TANGENT	2	END-I	-2166.643	5631.053	298.456	-8186.34	2918.69	53186.10
			END-J	-2166.643	5631.053	298.456	-8186.34	8246.11	-47327.76
190	BEND	1	END-I	-5.910	-4.891	5.378	177.70	66.55	57.91
			CENTER	-12.166	-3.808	5.378	182.16	-55.78	81.12
			END-J	-17.699	5.910	5.378	98.81	-145.43	79.72
190	BEND	2	END-I	-2166.461	-5631.053	-299.771	-8215.06	-8246.11	47322.78
			CENTER	-5513.672	-2449.845	-299.771	-12166.61	-1293.79	67406.04
			END-J	-5631.060	2166.444	-299.771	-10044.75	6416.41	68110.37
191	TANGENT	1	END-I	-17.699	-3.090	7.369	98.81	-123.80	-110.36
			END-J	-77.326	-3.090	7.369	98.81	199.52	25.19
191	TANGENT	2	END-I	-5631.053	1007.529	1941.211	-10044.73	-62035.49	28840.79
			END-J	-5631.053	1007.529	1941.211	-10044.73	23135.16	-15364.57
192	TANGENT	1	END-I	-77.326	-3.090	7.369	98.81	199.52	25.19
			END-J	-82.931	-3.090	7.369	98.81	229.92	37.93
192	TANGENT	2	END-I	-5631.053	1007.529	1941.211	-10044.73	23135.16	-15364.57
			END-J	-5631.053	1007.529	1941.211	-10044.73	31142.66	-19520.63
193	TANGENT	1	END-I	-19.828	50.357	-14.726	-365.83	-49.14	385.49
			END-J	-19.828	55.963	-14.726	-365.83	-109.89	166.21
193	TANGENT	2	END-I	-9439.946	3333.154	-6199.329	-3084.15	-1956.81	33770.21
			END-J	-9439.946	3333.154	-6199.329	-3084.15	-27529.04	20020.95
194	TANGENT	1	END-I	-12.459	32.574	-11.637	-327.90	-49.67	155.58
			END-J	-12.459	38.180	-11.637	-327.90	-97.67	9.65
194	TANGENT	2	END-I	-7498.734	2297.899	-7206.859	-22604.77	12001.54	2627.55
			END-J	-7498.734	2297.899	-7206.859	-22604.77	-17726.75	-6851.28
195	BEND	1	END-I	-19.828	-14.726	-55.963	-365.83	166.21	109.89
			CENTER	-23.954	-6.017	-59.165	-300.42	161.33	134.65
			END-J	-24.434	3.608	-62.367	-243.33	124.44	137.52
195	BEND	2	END-I	-9439.946	-6199.329	-3333.154	-3084.15	20020.95	27529.04
			CENTER	-11093.791	-2114.728	-3333.154	3290.19	12023.53	37452.11
			END-J	-11058.557	2291.850	-3333.154	6118.66	2195.48	37240.71
196	BEND	1	END-I	-24.434	3.607	-62.367	-243.33	124.43	137.52
			CENTER	-21.193	12.684	-65.570	-206.16	61.15	118.08
			END-J	-14.726	19.829	-68.772	-197.51	-18.89	79.28

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
196	BEND	2	END-I	-11058.638	2291.462	-3333.154	6118.58	2195.69	37240.71
			CENTER	-9339.833	6349.156	-3333.154	4970.62	-7966.62	26927.88
			END-J	-6198.998	9440.163	-3333.154	20.94	-16915.98	8082.88
197	TANGENT	1	END-I	-14.726	68.772	19.828	-197.51	-79.28	-18.90
			END-J	-14.726	70.131	19.828	-197.51	-59.45	-88.35
197	TANGENT	2	END-I	-6199.329	3333.154	9439.946	21.53	-8082.88	-16915.98
			END-J	-6199.329	3333.154	9439.946	21.53	1357.07	-20249.13
198	TANGENT	1	END-I	-14.726	270.639	19.828	-197.51	178.49	-2132.97
			END-J	-14.726	273.357	19.828	-197.51	218.15	-2676.97
198	TANGENT	2	END-I	-6199.329	3333.154	9439.946	21.53	114636.42	-60246.98
			END-J	-6199.329	3333.154	9439.946	21.53	133516.31	-66913.28
199	BEND	1	END-I	-12.459	-11.637	-38.180	-327.90	9.65	97.67
			CENTER	-15.963	-5.986	-41.381	-317.18	42.99	118.70
			END-J	-17.039	0.576	-44.582	-295.98	62.36	125.15
199	BEND	2	END-I	-7498.734	-7206.859	-2297.899	-22604.77	-6851.28	17726.75
			CENTER	-9685.308	-3790.072	-2297.899	-24555.02	-2957.10	30846.19
			END-J	-10398.486	203.286	-2297.899	-24867.22	1386.94	35125.26
200	BEND	1	END-I	-17.039	0.577	-44.582	-295.98	62.37	125.15
			CENTER	-15.520	7.055	-47.785	-270.42	64.80	116.04
			END-J	-11.638	12.458	-50.987	-247.35	49.91	92.75
200	BEND	2	END-I	-10398.473	203.936	-2297.899	-24867.14	1388.49	35125.26
			CENTER	-9528.533	4168.561	-2297.899	-23491.91	5523.67	29905.62
			END-J	-7207.328	7498.284	-2297.899	-20638.62	8817.56	15978.39
201	TANGENT	1	END-I	-11.637	50.987	12.459	-247.35	-92.75	49.92
			END-J	-11.637	52.346	12.459	-247.35	-80.29	-1.74
201	TANGENT	2	END-I	-7206.859	2297.899	7498.734	-20638.07	-15978.39	8818.85
			END-J	-7206.859	2297.899	7498.734	-20638.07	-8479.65	6520.95
202	TANGENT	1	END-I	-11.637	252.854	12.459	-247.35	69.22	-1832.95
			END-J	-11.637	255.572	12.459	-247.35	94.14	-2341.38
202	TANGENT	2	END-I	-7206.859	2297.899	7498.734	-20638.07	81505.16	-21053.84
			END-J	-7206.859	2297.899	7498.734	-20638.07	96502.63	-25649.64
203	BEND	1	END-I	-282.467	-57.440	-4887.083	2357.08	26845.34	42647.68
			CENTER	-283.106	-54.203	-4834.523	2535.95	4453.34	42904.51
			END-J	-283.708	-50.960	-4781.963	2459.93	-17697.42	43146.43
203	BEND	2	END-I	-3775.886	-1058.135	-492.060	-398.36	5083.26	500185.42
			CENTER	-3787.749	-1014.852	-492.060	-353.12	2823.65	504954.20
			END-J	-3799.115	-971.436	-492.060	-333.73	563.67	509523.54

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
204	TANGENT	1	END-I	16.021	-626.442	77.810	-9531.00	-1324.79	-13301.56
			END-J	16.021	-607.633	77.810	-9531.00	-1089.38	-11434.80
204	TANGENT	2	END-I	1075.090	514.735	2977.430	-58905.28	119873.29	-8124.49
			END-J	1075.090	514.735	2977.430	-58905.28	128881.08	-9681.75
205	TANGENT	1	END-I	-93.729	-110.187	-23.688	-647.97	1155.99	2750.76
			END-J	-93.729	-61.624	-23.688	-647.97	717.75	4340.04
205	TANGENT	2	END-I	-688.693	-245.563	-504.834	6611.92	21043.49	-22331.53
			END-J	-688.693	-245.563	-504.834	6611.92	11703.88	-17788.52
206	TANGENT	1	END-I	-75.058	-929.778	168.695	-24599.24	52428.47	125121.33
			END-J	-75.058	-800.817	168.695	-24599.24	55971.06	143292.57
206	TANGENT	2	END-I	-902.264	-1024.852	1990.861	-18288.83	400674.81	-34889.92
			END-J	-902.264	-1024.852	1990.861	-18288.83	442482.89	-13368.02
207	TANGENT	1	END-I	-6262.885	-526.785	0.000	-0.00	0.00	-14141.25
			END-J	-6262.885	-526.785	0.000	-0.00	0.00	-0.00
207	TANGENT	2	END-I	0.000	-0.000	-0.000	0.00	0.00	-0.00
			END-J	0.000	-0.000	-0.000	0.00	0.00	0.00
208	TANGENT	1	END-I	-75.058	5484.183	168.695	-38740.49	55971.06	143292.57
			END-J	-75.058	5613.144	168.695	-38740.49	59513.65	26770.63
208	TANGENT	2	END-I	-902.264	-1024.852	1990.861	-18288.83	442482.89	-13368.02
			END-J	-902.264	-1024.852	1990.861	-18288.83	484290.98	8153.89
209	TANGENT	1	END-I	0.000	-336.676	-0.000	-808.50	0.00	-272.95
			END-J	0.000	-333.106	-0.000	-808.50	0.00	1736.40
209	TANGENT	2	END-I	-0.000	41.566	-0.000	-0.00	0.00	888.47
			END-J	-0.000	41.566	-0.000	-0.00	0.00	639.07
210	TANGENT	1	END-I	-488.276	-41.064	0.000	0.00	-0.00	-1112.65
			END-J	-488.276	-41.064	0.000	0.00	0.00	-0.00
210	TANGENT	2	END-I	-0.000	-0.000	-0.000	0.00	0.00	-0.00
			END-J	-0.000	-0.000	-0.000	0.00	0.00	-0.00
211	TANGENT	1	END-I	0.000	156.894	-0.000	0.00	0.00	2500.80
			END-J	0.000	160.464	-0.000	0.00	0.00	1548.72
211	TANGENT	2	END-I	0.0	41.566	0.000	-0.00	0.00	639.07
			END-J	0.0	41.566	0.000	-0.00	0.00	389.68
212	TANGENT	1	END-I	-168.695	-693.503	-75.058	38630.07	57386.04	122306.50
			END-J	-168.695	-573.971	-75.058	38630.07	55809.82	135614.97

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
212	TANGENT	2	END-I	-1990.861	2146.858	-902.264	-60667.28	457271.88	-117127.09
			END-J	-1990.861	2146.858	-902.264	-60667.28	438324.33	-162211.11
213	TANGENT	1	END-I	-6262.885	-526.785	0.000	0.00	-0.00	-14141.25
			END-J	-6262.885	-526.785	0.000	0.00	0.00	-0.00
213	TANGENT	2	END-I	-0.000	-0.000	0.000	0.00	0.00	-0.00
			END-J	-0.000	-0.000	0.000	0.00	-0.00	-0.00
214	TANGENT	1	END-I	-168.695	5711.029	-75.058	24488.82	55809.82	135614.97
			END-J	-168.695	5830.561	-75.058	24488.82	54233.61	14428.28
214	TANGENT	2	END-I	-1990.861	2146.858	-902.264	-60667.28	438324.33	-162211.11
			END-J	-1990.861	2146.858	-902.264	-60667.28	419376.77	-207295.13
215	TANGENT	1	END-I	-236.646	-6578.948	-164.578	58717.42	-15.56	-93132.71
			END-J	-236.646	-6459.416	-164.578	58717.42	-3471.69	43770.12
215	TANGENT	2	END-I	-3373.292	447.567	-1999.465	-5109.66	23074.98	51287.14
			END-J	-3373.292	447.567	-1999.465	-5109.66	-18913.79	41888.23
216	TANGENT	1	END-I	-6262.884	-526.788	0.000	-0.00	-0.00	-14141.34
			END-J	-6262.884	-526.788	0.000	-0.00	0.00	0.00
216	TANGENT	2	END-I	-0.000	-0.000	-0.000	-0.00	-0.00	-0.00
			END-J	-0.000	-0.000	-0.000	-0.00	0.00	0.00
217	TANGENT	1	END-I	-236.646	-174.416	-164.578	48717.99	-3471.69	53769.56
			END-J	-236.646	-54.884	-164.578	48717.99	-6927.82	56177.21
217	TANGENT	2	END-I	-3373.292	447.567	-1999.465	-5109.66	-18913.79	41888.23
			END-J	-3373.292	447.567	-1999.465	-5109.66	-60902.56	32489.33
218	TANGENT	1	END-I	0.000	-316.996	-0.000	-426.65	0.00	529.41
			END-J	0.000	-313.426	-0.000	-426.65	0.00	2420.83
218	TANGENT	2	END-I	0.000	-42.865	-0.000	0.03	0.00	-916.18
			END-J	0.000	-42.865	-0.000	0.03	0.00	-658.97
219	TANGENT	1	END-I	-489.542	-21.191	-0.000	0.00	0.00	-572.69
			END-J	-489.542	-21.191	-0.000	0.00	-0.00	-0.00
219	TANGENT	2	END-I	-0.000	-0.000	-0.000	0.00	0.00	-0.00
			END-J	-0.000	-0.000	-0.000	0.00	0.00	-0.00
220	TANGENT	1	END-I	0.000	176.574	-0.000	0.20	0.00	2803.00
			END-J	0.000	180.144	-0.000	0.20	0.00	1732.88
220	TANGENT	2	END-I	0.000	-42.865	-0.000	-0.05	0.00	-658.97
			END-J	0.000	-42.865	-0.000	-0.05	0.00	-401.79

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
221	TANGENT	1	END-I	11.017	-7.171	-0.000	0.00	0.00	-33.50
			END-J	10.895	-7.092	-0.000	0.00	0.00	-0.00
221	TANGENT	2	END-I	0.000	-0.000	-0.000	0.00	0.00	-0.00
			END-J	0.000	-0.000	-0.000	0.00	0.00	-0.00
222	TANGENT	1	END-I	-283.173	-1811.651	53.852	-9453.23	-45522.83	101545.87
			END-J	-283.173	-1683.988	53.852	-9453.23	-44403.31	137880.59
222	TANGENT	2	END-I	-3789.003	492.060	1010.159	-123.70	-554767.48	22287.89
			END-J	-3789.003	492.060	1010.159	-123.70	-533767.68	12058.66
223	TANGENT	1	END-I	-6262.884	-526.788	0.000	-0.00	-0.00	-14141.34
			END-J	-6262.884	-526.788	0.000	-0.00	0.00	-0.00
223	TANGENT	2	END-I	0.000	-0.000	0.000	-0.00	-0.00	-0.00
			END-J	0.000	-0.000	0.000	-0.00	0.00	0.00
224	TANGENT	1	END-I	-284.203	4601.012	48.120	1903.68	-44403.31	137802.88
			END-J	-284.203	4731.280	48.120	1903.68	-43382.54	38820.62
224	TANGENT	2	END-I	-3808.638	492.060	933.402	-367.31	-533767.68	12053.70
			END-J	-3808.638	492.060	933.402	-367.31	-513967.56	1615.71
225	TANGENT	1	END-I	-889.618	-110.648	39.253	1165.54	6253.04	4445.03
			END-J	-878.124	-110.648	39.253	1165.54	6527.81	5219.57
225	TANGENT	2	END-I	-676.416	-192.664	1157.134	23176.18	80936.60	-8633.62
			END-J	-676.416	-192.664	1157.134	23176.18	89036.54	-7284.97
226	TANGENT	1	END-I	-699.508	-26.245	0.000	0.00	0.00	-262.64
			END-J	-699.508	-26.245	0.000	0.00	0.00	-0.00
226	TANGENT	2	END-I	-0.000	-0.000	0.000	0.00	-0.00	-0.00
			END-J	-0.000	-0.000	0.000	0.00	0.00	0.00
227	TANGENT	1	END-I	-61.397	-178.124	100.071	-3748.53	1165.54	-7207.62
			END-J	-61.397	-164.988	100.071	-3748.53	1966.09	-5835.21
227	TANGENT	2	END-I	-1171.906	-676.416	-52.091	25634.84	23176.18	-85577.05
			END-J	-1171.906	-676.416	-52.091	25634.84	22759.47	-80165.88
228	TANGENT	1	END-I	-157.157	295.936	82.030	-3087.70	-1451.48	-8300.52
			END-J	-157.157	309.483	82.030	-3087.70	-774.70	-10798.00
228	TANGENT	2	END-I	-707.038	245.619	712.003	-31366.43	-17257.16	-15497.04
			END-J	-707.038	245.619	712.003	-31366.43	-11382.82	-17523.50
229	TANGENT	1	END-I	-699.507	-26.265	-0.000	-0.00	0.00	-262.83
			END-J	-699.507	-26.265	-0.000	-0.00	-0.00	0.00

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
229	TANGENT	2	END-I	-0.000	-0.000	0.000	-0.00	-0.00	-0.00
			END-J	-0.000	-0.000	0.000	-0.00	0.00	-0.00
230	TANGENT	1	END-I	-1009.483	-174.272	32.502	774.70	280.96	-11480.24
			END-J	-1020.977	-174.272	32.502	774.70	508.48	-10260.34
230	TANGENT	2	END-I	-245.619	-884.301	474.196	11382.82	-24873.14	-25927.84
			END-J	-245.619	-884.301	474.196	11382.82	-21553.77	-19737.73
231	TANGENT	1	END-I	-173.136	-1256.528	-121.066	6597.95	5171.95	24002.45
			END-J	-173.136	-1221.571	-121.066	6597.95	4082.34	35154.08
231	TANGENT	2	END-I	-5758.586	-1332.046	-3424.325	100176.17	100237.68	-50266.88
			END-J	-5758.586	-1332.046	-3424.325	100176.17	69418.25	-38278.27
232	TANGENT	1	END-I	-1898.685	-70.680	0.000	0.00	-0.00	-1520.67
			END-J	-1898.685	-70.680	0.000	0.00	0.00	-0.00
232	TANGENT	2	END-I	-0.000	-0.000	0.000	-0.00	-0.00	0.00
			END-J	-0.000	-0.000	0.000	-0.00	0.00	-0.00
233	TANGENT	1	END-I	-173.136	678.429	-121.066	5077.28	4082.34	35153.61
			END-J	-173.136	713.385	-121.066	5077.28	2992.73	28890.34
233	TANGENT	2	END-I	-5758.586	-1332.046	-3424.325	100176.17	69418.25	-38278.27
			END-J	-5758.586	-1332.046	-3424.325	100176.17	38598.82	-26289.66
234	TANGENT	1	END-I	962.648	8.085	-118.664	-2430.73	7261.62	3377.87
			END-J	954.482	8.085	-118.664	-2430.73	7024.29	3361.70
234	TANGENT	2	END-I	-604.311	-1705.169	3710.754	5579.24	-22073.91	-56381.36
			END-J	-604.311	-1705.169	3710.754	5579.24	-14652.40	-52971.02
235	TANGENT	1	END-I	17.206	-359.589	-0.000	-0.00	0.00	-1956.19
			END-J	17.206	-359.589	-0.000	-0.00	0.00	0.00
235	TANGENT	2	END-I	0.000	-0.000	0.000	-0.00	-0.00	0.0
			END-J	0.000	-0.000	0.000	-0.00	-0.00	-0.00
236	TANGENT	1	END-I	594.482	8.085	-118.664	-2430.73	8979.09	3287.90
			END-J	586.316	8.085	-118.664	-2430.73	8741.76	3271.73
236	TANGENT	2	END-I	-604.311	-1705.169	3710.754	5579.24	-14652.40	-52971.02
			END-J	-604.311	-1705.169	3710.754	5579.24	-7230.90	-49560.68
237	TANGENT	1	END-I	454.860	8.085	-118.664	-2430.73	6843.13	3142.37
			END-J	446.694	8.085	-118.664	-2430.73	6605.80	3126.20
237	TANGENT	2	END-I	-604.311	-1705.169	3710.754	5579.24	52141.17	-22277.98
			END-J	-604.311	-1705.169	3710.754	5579.24	59562.68	-18867.64

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
238	TANGENT	1	END-I	17.206	-359.589	-0.000	0.00	0.00	-1956.19
			END-J	17.206	-359.589	-0.000	0.00	0.00	0.00
238	TANGENT	2	END-I	0.000	-0.000	0.000	-0.00	-0.00	0.0
			END-J	0.000	-0.000	0.000	-0.00	-0.00	-0.00
239	TANGENT	1	END-I	86.694	8.085	-118.664	-2430.73	8560.60	3052.40
			END-J	78.528	8.085	-118.664	-2430.73	8323.27	3036.23
239	TANGENT	2	END-I	-604.311	-1705.169	3710.754	5579.24	59562.68	-18867.64
			END-J	-604.311	-1705.169	3710.754	5579.24	66984.19	-15457.30
240	TANGENT	1	END-I	497.125	-41.968	58.430	1270.74	954.01	6350.49
			END-J	505.291	-41.968	58.430	1270.74	1070.87	6434.42
240	TANGENT	2	END-I	-16859.488	840.776	1564.894	-14817.85	37330.89	-101181.78
			END-J	-16859.488	840.776	1564.894	-14817.85	40460.68	-102863.33
241	TANGENT	1	END-I	17.200	-359.589	0.000	0.00	0.00	-1956.87
			END-J	17.200	-359.589	0.000	0.00	0.00	0.00
241	TANGENT	2	END-I	0.000	-0.000	0.000	0.0	-0.00	-0.00
			END-J	0.000	-0.000	0.000	0.0	0.00	0.00
242	TANGENT	1	END-I	865.291	-41.968	58.430	1270.74	980.87	4479.62
			END-J	873.457	-41.968	58.430	1270.74	1097.73	4563.56
242	TANGENT	2	END-I	-16859.488	840.776	1564.894	-14817.85	40460.68	-102863.33
			END-J	-16859.488	840.776	1564.894	-14817.85	43590.47	-104544.88
243	TANGENT	1	END-I	-14.726	70.131	19.828	-197.51	-59.45	-88.35
			END-J	-14.726	72.885	19.828	-197.51	59.52	-517.40
243	TANGENT	2	END-I	-6199.329	3333.154	9439.946	21.53	1357.07	-20249.13
			END-J	-6199.329	3333.154	9439.946	21.53	57996.75	-40248.05
244	TANGENT	1	END-I	-195.000	-0.000	0.000	-0.00	-0.00	0.00
			END-J	-195.000	-0.000	0.000	-0.00	0.00	0.0
244	TANGENT	2	END-I	-0.000	-0.000	0.000	-0.00	-0.00	0.00
			END-J	-0.000	-0.000	0.000	-0.00	0.00	0.00
245	TANGENT	1	END-I	-14.726	267.885	19.828	-197.51	59.52	-517.40
			END-J	-14.726	270.639	19.828	-197.51	178.49	-2132.97
245	TANGENT	2	END-I	-6199.329	3333.154	9439.946	21.53	57996.75	-40248.05
			END-J	-6199.329	3333.154	9439.946	21.53	114636.42	-60246.98
246	TANGENT	1	END-I	-11.637	52.346	12.459	-247.35	-80.29	-1.74
			END-J	-11.637	55.100	12.459	-247.35	-5.53	-324.08

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
246	TANGENT	2	END-I	-7206.859	2297.899	7498.734	-20638.07	-8479.65	6520.95
			END-J	-7206.859	2297.899	7498.734	-20638.07	36512.75	-7266.44
247	TANGENT	1	END-I	-195.000	-0.000	-0.000	0.0	0.00	-0.00
			END-J	-195.000	-0.000	-0.000	0.0	-0.00	-0.00
247	TANGENT	2	END-I	-0.000	0.000	0.000	0.0	-0.00	-0.00
			END-J	-0.000	0.000	0.000	0.0	0.0	-0.00
248	TANGENT	1	END-I	-11.637	250.100	12.459	-247.35	-5.53	-324.08
			END-J	-11.637	252.854	12.459	-247.35	69.22	-1832.95
248	TANGENT	2	END-I	-7206.859	2297.899	7498.734	-20638.07	36512.75	-7266.44
			END-J	-7206.859	2297.899	7498.734	-20638.07	81505.16	-21053.84
249	TANGENT	1	END-I	234.042	-3.090	7.369	-61.77	716.91	-115.22
			END-J	231.288	-3.090	7.369	-61.77	761.13	-96.69
249	TANGENT	2	END-I	-5631.053	1007.529	1941.211	-1120.07	47807.81	-2281.59
			END-J	-5631.053	1007.529	1941.211	-1120.07	59455.08	-8326.77
250	TANGENT	1	END-I	0.000	-195.000	0.000	0.0	-0.00	-1228.50
			END-J	0.000	-195.000	0.000	0.0	-0.00	-0.00
250	TANGENT	2	END-I	0.0	-0.000	0.000	0.0	-0.00	0.00
			END-J	0.0	-0.000	0.000	0.0	0.00	0.00
251	TANGENT	1	END-I	36.288	-3.090	7.369	-61.77	-467.37	-96.69
			END-J	33.534	-3.090	7.369	-61.77	-423.16	-78.15
251	TANGENT	2	END-I	-5631.053	1007.529	1941.211	-1120.07	59455.08	-8326.77
			END-J	-5631.053	1007.529	1941.211	-1120.07	71102.35	-14371.95
252	TANGENT	1	END-I	11.018	-7.170	0.000	-0.00	0.00	-33.49
			END-J	10.896	-7.091	0.000	-0.00	0.00	0.00
252	TANGENT	2	END-I	0.000	-0.000	-0.000	-0.00	0.00	0.00
			END-J	0.000	-0.000	-0.000	-0.00	0.00	0.00
253	TANGENT	1	END-I	-157.149	270.344	82.044	-3088.46	-2251.35	-5539.85
			END-J	-157.149	295.936	82.044	-3088.46	-1451.48	-8300.24
253	TANGENT	2	END-I	-706.973	245.619	712.068	-31367.84	-24199.24	-13099.60
			END-J	-706.973	245.619	712.068	-31367.84	-17257.16	-15494.18

BOUNDARY ELEMENT FORCES/MOMENTS

ELEMENT NUMBER	LOAD CASE	FORCE	MOMENT
1	1	-0.41174D+01	0.18865D+05
1	2	0.20000D+10	0.86002D+10
2	1	-0.59530D+03	0.25728D+05
2	2	-0.65200D+12	-0.99307D+08
3	1	-0.31170D+03	0.10278D+06
3	2	0.10310D+14	0.41337D+06
4	1	-0.63291D+02	0.82798D+04
4	2	-0.27800D+12	0.26698D+05
5	1	0.43628D+03	-0.79085D+02
5	2	0.77600D+12	-0.17363D+06
6	1	-0.48014D+02	-0.26951D+04
6	2	0.32600D+12	0.26905D+05
7	1	-0.40631D+04	0.0
7	2	0.33952D+04	0.0
8	1	-0.58895D+04	0.0
8	2	-0.26643D+04	0.0
9	1	-0.78597D+04	0.0
9	2	-0.66884D+03	0.0
10	1	-0.20604D+03	0.0
10	2	-0.41566D+02	0.0
11	1	-0.19402D+04	0.0
11	2	0.38821D+04	0.0
12	1	-0.38704D+04	0.0
12	2	-0.41964D+04	0.0
13	1	-0.14803D+05	0.0
13	2	-0.95030D+03	0.0

14	1	-0.41838D+04	0.0
14	2	-0.11940D+04	0.0
15	1	-0.22571D+03	0.0
15	2	0.42865D+02	0.0
16	1	-0.24987D+04	0.0
16	2	0.11956D+04	0.0
17	1	-0.56457D+04	0.0
17	2	-0.59206D+03	0.0
18	1	-0.23620D+04	0.0
18	2	0.24468D+03	0.0
19	1	-0.21731D+04	0.0
19	2	-0.98430D+03	0.0
20	1	-0.36899D+03	0.0
20	2	-0.56477D+04	0.0
21	1	0.85665D+02	0.0
21	2	-0.91838D+03	0.0
22	1	0.13356D+03	0.0
22	2	0.20020D+03	0.0
23	1	-0.15037D+04	0.0
23	2	0.77971D+03	0.0
24	1	-0.33715D+04	0.0
24	2	0.33762D+04	0.0
25	1	-0.14313D+04	0.0
25	2	-0.18582D+04	0.0
26	1	-0.12916D+04	0.0
26	2	0.24195D+04	0.0
27	1	0.28344D+03	0.0
27	2	0.90424D+04	0.0
28	1	-0.53697D+04	0.0
28	2	-0.98534D+04	0.0

29	1	0.34763D+03	0.0
29	2	0.20166D+04	0.0
30	1	-0.14246D+03	0.0
30	2	-0.40609D+04	0.0
31	1	-0.80867D+00	0.0
31	2	-0.77171D+03	0.0
32	1	0.11181D+02	0.0
32	2	-0.10678D+04	0.0
33	1	-0.16548D+03	0.0
33	2	-0.96910D+03	0.0
34	1	0.46305D+02	0.0
34	2	0.10370D+04	0.0
35	1	-0.65192D+03	0.0
35	2	0.88816D+03	0.0
36	1	-0.21601D+02	0.0
36	2	-0.85336D+03	0.0
37	1	-0.64931D+03	0.0
37	2	-0.28894D+03	0.0

B O U N D A R Y E L E M E N T F O R C E S / M O M E N T S

ELEMENT NUMBER	LOAD CASE	FORCE	MOMENT
1	1	-0.98515D+01	0.0
1	2	-0.27541D+03	0.0
2	1	0.26040D+01	0.0
2	2	0.57843D+02	0.0

S T A T I C S O L U T I O N T I M E L O G

EQUATION SOLUTION = 2.38
DISPLACEMENT OUTPUT = 0.31
STRESS RECOVERY = 1.64

O V E R A L L T I M E L O G

NODAL POINT INPUT	=	0.63
ELEMENT STIFFNESS FORMATION	=	5.60
NODAL LOAD INPUT	=	0.13
TOTAL STIFFNESS FORMATION	=	1.67
STATIC ANALYSIS	=	4.33
EIGENVALUE EXTRACTION	=	0.0
STRUCTURE PLOTTING	=	0.00
FORCED RESPONSE ANALYSIS	=	0.0
RESPONSE SPECTRUM ANALYSIS	=	0.0
STEP-BY-STEP INTEGRATION	=	0.0
FREQUENCY RESPONSE ANALYSIS	=	0.0
TOTAL SOLUTION TIME	=	12.36

C O D E S T R E S S A N A L Y S I S

LOAD CASE 1 IS A DEAD WT LOADING

LOAD CASE 2 IS A THERMAL LOADING

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
1	1 - 93	I*= 0.500	10787.67	643.3	6037.2	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	204.3	5598.2	16425.	350.	D(1)
2	93 - 94	I*= 0.500	10787.67	204.3	5598.2	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	354.4	5748.3	16425.	350.	D(1)
3	94 - 2	I*= 0.500	10787.67	354.4	5748.3	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	390.7	5784.5	16425.	350.	D(1)
4	2 - 3	I*= 0.500	10787.67	390.7	6404.2	16425.	350.	D(1)
	(675.)	I= 2.586	10787.67	378.7	6373.2	16425.	350.	D(1)
			10787.67	356.9	6316.9	16425.	350.	D(1)
5	3 - 4	I*= 0.500	10787.67	356.9	5750.8	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	334.2	5728.0	16425.	350.	D(1)
6	4 - 5	I*= 0.500	10787.67	334.2	6053.4	16425.	350.	D(1)
	(675.)	I= 1.973	10787.67	326.2	6037.7	16425.	350.	D(1)
			10787.67	329.2	6043.4	16425.	350.	D(1)
7	5 - 95	I*= 0.500	10787.67	329.2	6043.4	16425.	350.	D(1)
	(675.)	I= 1.973	10787.67	356.2	6096.7	16425.	350.	D(1)
			10787.67	416.0	6214.9	16425.	350.	D(1)
8	95 - 6	I*= 0.500	10787.67	416.0	5809.9	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	536.6	5930.4	16425.	350.	D(1)
9	6 - 96	I*= 0.500	7985.49	2741.1	6733.8	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	1325.9	5318.6	16425.	350.	D(1)
10	6 - 97	I*= 0.500	10787.67	434.9	5828.8	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	834.4	6228.2	16425.	350.	D(1)
11	97 - 98	I*= 0.500	10787.67	834.4	6228.2	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	1171.6	6565.5	16425.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
12	98 - 7	I*= 0.500	10787.67	1171.6	6565.5	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	440.7	5834.5	16425.	350.	D(1)
13	7 - 8	I*= 0.500	10787.67	440.7	5834.5	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	472.9	5866.7	16425.	350.	D(1)
			10787.67	675.9	6069.8	16425.	350.	D(1)
14	8 - 99	I*= 0.500	10787.67	675.9	6069.8	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	515.0	5908.8	16425.	350.	D(1)
15	99 - 100	I*= 0.500	10787.67	515.0	5908.8	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	517.5	5911.4	16425.	350.	D(1)
16	100 - 101	I*= 0.500	10787.67	517.5	5911.4	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	928.9	6322.7	16425.	350.	D(1)
17	101 - 9	I*= 0.500	10787.67	928.9	6322.7	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	1154.0	6547.8	16425.	350.	D(1)
18	9 - 103	I*= 0.500	9940.07	614.0	5584.0	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	670.6	5640.6	16425.	350.	D(1)
19	9 - 102	I*= 0.500	10787.67	856.0	6249.8	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	1405.0	6798.9	16425.	350.	D(1)
20	102 - 10	I*= 0.500	10787.67	1405.0	6798.9	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	1778.3	7172.1	16425.	350.	D(1)
21	10 - 11	I*= 0.500	10787.67	1778.3	7172.1	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	827.1	6221.0	16425.	350.	D(1)
			10787.67	2117.6	7511.4	16425.	350.	D(1)
22	11 - 104	I*= 0.500	10787.67	2117.6	7511.4	15877.	510.	D(1)
	(675.)	I= 1.000	10787.67	2247.1	7640.9	15877.	510.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
23	107 - 12	B1= 0.500	12446.66	475.7	6699.1	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	671.0	6894.3	24295.	670.	D(1)
24	12 - 13	B1= 1.000	12446.66	671.0	13641.2	24295.	670.	D(1)
	(2500.)	B2= 1.780	12446.66	552.4	13430.0	24295.	670.	D(1)
			12446.66	493.1	13324.5	24295.	670.	D(1)
25	13 - 108	B1= 0.500	12446.66	493.1	6716.4	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	486.7	6710.0	24295.	670.	D(1)
26	108 - 109	B1= 0.500	9988.58	1907.7	6902.0	24295.	670.	D(1)
	(2500.)	B2= 1.000	9988.58	1057.5	6051.8	24295.	670.	D(1)
27	109 - 110	B1= 0.500	9988.58	1057.5	6051.8	24295.	670.	D(1)
	(2500.)	B2= 1.000	9988.58	714.7	5708.9	24295.	670.	D(1)
28	110 - 111	B1= 0.500	9988.58	714.7	5708.9	24295.	670.	D(1)
	(2500.)	B2= 1.000	9988.58	296.4	5290.6	24295.	670.	D(1)
29	114 - 115	I*= 0.500	9988.58	537.9	5532.1	17423.	510.	D(1)
	(2500.)	I= 1.000	9988.58	389.4	5383.7	17423.	510.	D(1)
30	115 - 116	I*= 0.500	9988.58	389.4	5383.7	19375.	350.	D(1)
	(2500.)	I= 1.000	9988.58	192.3	5186.6	19375.	350.	D(1)
31	116 - 117	I*= 0.500	9988.58	203.9	5198.2	19375.	350.	D(1)
	(2500.)	I= 1.000	9988.58	18.0	5012.3	19375.	350.	D(1)
32	116 - 118	I*= 0.500	6575.00	176.0	3463.5	19375.	350.	D(1)
	(2500.)	I= 1.000	6575.00	176.0	3463.5	19375.	350.	D(1)
33	117 - 119	I*= 0.500	9988.58	18.0	5012.3	19375.	350.	D(1)
	(2500.)	I= 1.000	9988.58	0.0	4994.3	19375.	350.	D(1)
34	118 - 120	I*= 0.500	6575.00	176.0	3463.5	19375.	350.	D(1)
	(2500.)	I= 1.000	6575.00	176.0	3463.5	19375.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
35	108 - 122	B1= 0.500	12446.66	468.2	6691.5	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	465.4	6688.7	24295.	670.	D(1)
36	122 - 123	B1= 0.500	12446.66	465.4	6688.7	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	540.0	6763.4	24295.	670.	D(1)
37	123 - 124	B1= 0.500	12446.66	540.0	6763.4	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	839.6	7062.9	24295.	670.	D(1)
38	124 - 125	B1= 0.500	12446.66	839.6	7062.9	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	880.9	7104.2	24295.	670.	D(1)
39	128 - 129	B1= 0.500	12446.66	383.8	6607.2	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	393.0	6616.4	24295.	670.	D(1)
40	129 - 14	B1= 0.500	12446.66	393.0	6616.4	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	660.8	6884.1	24295.	670.	D(1)
41	14 - 130	B1= 0.500	12446.66	388.7	6612.0	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	540.8	6764.1	24295.	670.	D(1)
42	14 - 131	B1= 0.500	12446.66	342.6	6565.9	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	342.3	6565.6	24295.	670.	D(1)
43	131 - 15	B1= 0.500	12446.66	342.3	6565.6	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	357.2	6580.6	24295.	670.	D(1)
44	15 - 16	B1= 1.000	12446.66	357.2	13082.6	24295.	670.	D(1)
	(2500.)	B2= 1.780	12446.66	351.4	13072.2	24295.	670.	D(1)
			12446.66	398.0	13155.2	24295.	670.	D(1)
45	16 - 132	B1= 0.500	12446.66	398.0	6621.3	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	492.9	6716.2	24295.	670.	D(1)
46	132 - 17	B1= 0.500	12446.66	492.9	6716.2	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	292.8	6516.1	24295.	670.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
47	17 - 18	B1= 1.000	12446.66	292.8	12967.9	24295.	670.	D(1)
	(2500.)	B2= 1.780	12446.66	317.1	13011.1	24295.	670.	D(1)
			12446.66	331.6	13037.0	24295.	670.	D(1)
48	18 - 19	B1= 0.500	12446.66	331.6	6554.9	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	338.2	6561.5	24295.	670.	D(1)
49	19 - 20	B1= 1.000	12446.66	338.2	13048.7	24295.	670.	D(1)
	(2500.)	B2= 1.780	12446.66	330.8	13035.5	24295.	670.	D(1)
			12446.66	314.1	13005.8	24295.	670.	D(1)
50	20 - 133	B1= 0.500	12446.66	314.1	6537.4	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	261.4	6484.8	24295.	670.	D(1)
51	133 - 21	B1= 0.500	12446.66	261.4	6484.8	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	580.4	6803.7	24295.	670.	D(1)
52	21 - 22	B1= 1.000	12446.66	580.4	13479.9	24295.	670.	D(1)
	(2500.)	B2= 1.780	12446.66	648.8	13601.7	24295.	670.	D(1)
			12446.66	666.1	13632.5	24295.	670.	D(1)
53	22 - 23	B1= 0.500	12446.66	666.1	6889.5	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	674.7	6898.0	24295.	670.	D(1)
54	24 - 195	I*= 0.500	10787.67	948.6	6342.5	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	364.8	5758.7	16425.	350.	D(1)
55	195 - 194	I*= 0.500	10787.67	364.8	5758.7	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	144.1	5537.9	16425.	350.	D(1)
56	194 - 25	I*= 0.500	10787.67	144.1	5537.9	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	229.5	5623.3	16425.	350.	D(1)
57	25 - 26	I*= 0.500	10787.67	229.5	5846.7	16425.	350.	D(1)
	(675.)	I= 1.973	10787.67	260.5	5907.9	16425.	350.	D(1)
			10787.67	248.8	5884.8	16425.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
58	26 - 27	I*= 0.500	10787.67	248.8	5642.6	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	242.5	5636.4	16425.	350.	D(1)
59	27 - 28	I*= 0.500	10787.67	242.5	5872.5	16425.	350.	D(1)
	(675.)	I= 1.973	10787.67	249.3	5885.8	16425.	350.	D(1)
			10787.67	326.9	6039.1	16425.	350.	D(1)
60	28 - 29	I*= 0.500	10787.67	326.9	5720.8	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	423.8	5817.6	16425.	350.	D(1)
61	29 - 193	I*= 0.500	7985.49	1299.0	5291.7	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	1109.4	5102.1	16425.	350.	D(1)
62	29 - 192	I*= 0.500	10787.67	294.7	5688.5	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	684.6	6078.4	16425.	350.	D(1)
63	192 - 191	I*= 0.500	10787.67	684.6	6078.4	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	927.1	6320.9	16425.	350.	D(1)
64	191 - 190	I*= 0.500	10787.67	927.1	6320.9	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	760.1	6153.9	16425.	350.	D(1)
65	190 - 30	I*= 0.500	10787.67	760.1	6153.9	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	545.0	5938.9	16425.	350.	D(1)
66	30 - 165	I*= 0.500	10787.67	545.0	5938.9	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	643.5	6037.3	16425.	350.	D(1)
			10787.67	584.7	5978.6	16425.	350.	D(1)
67	165 - 164	I*= 0.500	10787.67	584.7	5978.6	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	394.3	5788.2	16425.	350.	D(1)
			10787.67	392.8	5786.6	16425.	350.	D(1)
68	164 - 163	I*= 0.500	10787.67	392.8	5786.6	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	458.3	5852.2	16425.	350.	D(1)
			10787.67	540.1	5933.9	16425.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
69	163 - 162	I*= 0.500	10787.67	540.1	5933.9	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	679.1	6073.0	16425.	350.	D(1)
			10787.67	839.1	6232.9	16425.	350.	D(1)
70	162 - 161	I*= 0.500	10787.67	839.1	6232.9	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	566.1	5960.0	16425.	350.	D(1)
			10787.67	601.8	5995.7	16425.	350.	D(1)
71	161 - 160	I*= 0.500	10787.67	601.8	5995.7	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	665.9	6059.8	16425.	350.	D(1)
			10787.67	822.2	6216.1	16425.	350.	D(1)
72	31 - 159	I*= 0.500	10787.67	761.1	6155.0	15877.	510.	D(1)
	(675.)	I= 1.000	10787.67	949.3	6343.2	15877.	510.	D(1)
73	156 - 155	B1= 0.500	12446.66	700.1	6923.4	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	318.2	6541.6	24295.	670.	D(1)
74	155 - 32	B1= 0.500	12446.66	318.2	6541.6	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	317.3	6540.6	24295.	670.	D(1)
75	32 - 33	B1= 1.000	12446.66	317.3	13011.5	24295.	670.	D(1)
	(2500.)	B2= 1.780	12446.66	308.8	12996.3	24295.	670.	D(1)
			12446.66	319.2	13014.8	24295.	670.	D(1)
76	33 - 141	B1= 0.500	12446.66	319.2	6542.5	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	342.0	6565.4	24295.	670.	D(1)
77	141 - 142	B1= 0.500	9988.58	1514.8	6509.1	24295.	670.	D(1)
	(2500.)	B2= 1.000	9988.58	703.7	5698.0	24295.	670.	D(1)
78	142 - 143	B1= 0.500	9988.58	703.7	5698.0	24295.	670.	D(1)
	(2500.)	B2= 1.000	9988.58	376.5	5370.8	24295.	670.	D(1)
79	143 - 144	B1= 0.500	9988.58	376.5	5370.8	24295.	670.	D(1)
	(2500.)	B2= 1.000	9988.58	236.1	5230.4	24295.	670.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
80	147 - 148	I*= 0.500	9988.58	601.8	5596.1	17423.	510.	D(1)
	(2500.)	I= 1.000	9988.58	435.5	5429.8	17423.	510.	D(1)
81	148 - 149	I*= 0.500	9988.58	435.5	5429.8	19375.	350.	D(1)
	(2500.)	I= 1.000	9988.58	215.3	5209.6	19375.	350.	D(1)
82	149 - 150	I*= 0.500	9988.58	227.0	5221.3	19375.	350.	D(1)
	(2500.)	I= 1.000	9988.58	18.0	5012.3	19375.	350.	D(1)
83	149 - 151	I*= 0.500	6575.00	176.0	3463.5	19375.	350.	D(1)
	(2500.)	I= 1.000	6575.00	176.0	3463.5	19375.	350.	D(1)
84	150 - 152	I*= 0.500	9988.58	18.0	5012.3	19375.	350.	D(1)
	(2500.)	I= 1.000	9988.58	0.0	4994.3	19375.	350.	D(1)
85	151 - 153	I*= 0.500	6575.00	176.0	3463.5	19375.	350.	D(1)
	(2500.)	I= 1.000	6575.00	176.0	3463.5	19375.	350.	D(1)
86	141 - 140	B1= 0.500	12446.66	341.2	6564.5	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	422.4	6645.7	24295.	670.	D(1)
87	140 - 139	B1= 0.500	12446.66	422.4	6645.7	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	256.1	6479.4	24295.	670.	D(1)
88	139 - 34	B1= 0.500	12446.66	256.1	6479.4	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	447.3	6670.6	24295.	670.	D(1)
89	34 - 35	B1= 1.000	12446.66	447.3	13242.9	24295.	670.	D(1)
	(2500.)	B2= 1.780	12446.66	462.4	13269.8	24295.	670.	D(1)
			12446.66	468.5	13280.7	24295.	670.	D(1)
90	35 - 138	B1= 0.500	12446.66	468.5	6691.8	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	468.2	6691.5	24295.	670.	D(1)
91	135 - 134	B1= 0.500	12446.66	690.2	6913.5	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	1272.1	7495.4	24295.	670.	D(1)

STRESS ANALYSIS

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
92	134 - 130	B1= 0.500	12446.66	1272.1	7495.4	24295.	670.	D(1)
	(2500.)	B2= 1.000	12446.66	540.8	6764.1	24295.	670.	D(1)
93	96 - 36	I*= 0.500	7985.49	1325.9	5318.6	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	520.1	4512.9	16425.	350.	D(1)
94	36 - 37	I*= 0.500	7985.49	520.1	4876.6	16425.	350.	D(1)
	(675.)	I= 1.699	7985.49	649.2	5095.9	16425.	350.	D(1)
			7985.49	924.9	5564.2	16425.	350.	D(1)
95	37 - 166	I*= 0.500	7985.49	924.9	4917.6	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	913.4	4906.1	16425.	350.	D(1)
96	168 - 169	I*= 0.500	7985.49	848.5	4841.3	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	744.7	4737.5	16425.	350.	D(1)
97	169 - 170	I*= 0.500	7985.49	744.7	4737.5	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	464.7	4457.4	16425.	350.	D(1)
98	170 - 171	I*= 0.500	3336.94	0.0	1668.5	16425.	350.	D(1)
	(675.)	I= 1.000	3336.94	0.0	1668.5	16425.	350.	D(1)
99	171 - 172	I*= 0.500	3336.94	0.0	1668.5	16425.	350.	D(1)
	(675.)	I= 1.000	3336.94	0.0	1668.5	16425.	350.	D(1)
100	172 - 173	I*= 0.500	1603.12	0.0	801.6	16425.	350.	D(1)
	(675.)	I= 1.000	1603.12	0.0	801.6	16425.	350.	D(1)
101	173 - 174	I*= 0.500	3336.94	0.0	1668.5	16425.	350.	D(1)
	(675.)	I= 1.000	3336.94	0.0	1668.5	16425.	350.	D(1)
102	170 - 175	I*= 0.500	7985.49	464.7	4457.4	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	454.9	4447.7	16425.	350.	D(1)
103	175 - 39	I*= 0.500	7985.49	454.9	4447.7	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	452.2	4444.9	16425.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
104	39 - 40	I*= 0.500	7985.49	452.2	4761.1	16425.	350.	D(1)
	(675.)	I= 1.699	7985.49	472.8	4796.1	16425.	350.	D(1)
			7985.49	517.5	4872.0	16425.	350.	D(1)
105	40 - 176	I*= 0.500	7985.49	517.5	4510.2	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	538.3	4531.0	16425.	350.	D(1)
106	176 - 41	I*= 0.500	7985.49	538.3	4531.0	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	546.3	4539.0	16425.	350.	D(1)
107	41 - 42	I*= 0.500	7985.49	546.3	4921.0	16425.	350.	D(1)
	(675.)	I= 1.699	7985.49	537.7	4906.5	16425.	350.	D(1)
			7985.49	478.7	4806.2	16425.	350.	D(1)
108	42 - 43	I*= 0.500	7985.49	478.7	4471.5	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	314.9	4307.6	16425.	350.	D(1)
109	43 - 44	I*= 0.500	7985.49	314.9	4527.8	16425.	350.	D(1)
	(675.)	I= 1.699	7985.49	266.5	4445.6	16425.	350.	D(1)
			7985.49	235.7	4393.2	16425.	350.	D(1)
110	44 - 177	I*= 0.500	7985.49	235.7	4228.4	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	1594.7	5587.4	16425.	350.	D(1)
111	177 - 178	I*= 0.500	7985.49	1594.7	5587.4	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	433.7	4426.4	16425.	350.	D(1)
112	178 - 45	I*= 0.500	7985.49	433.7	4426.4	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	784.8	4777.5	16425.	350.	D(1)
113	45 - 46	I*= 0.500	7985.49	784.8	5326.2	16425.	350.	D(1)
	(675.)	I= 1.699	7985.49	777.5	5313.8	16425.	350.	D(1)
			7985.49	769.6	5300.5	16425.	350.	D(1)
114	46 - 179	I*= 0.500	7985.49	769.6	4762.4	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	1694.2	5686.9	16425.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
115	179 - 180	I*= 0.500	7985.49	1694.2	5686.9	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	620.9	4613.7	16425.	350.	D(1)
116	180 - 181	I*= 0.500	7985.49	620.9	4613.7	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	592.1	4584.8	16425.	350.	D(1)
117	181 - 182	I*= 0.500	7985.49	592.1	4584.8	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	1445.5	5438.3	16425.	350.	D(1)
118	182 - 183	I*= 0.500	9940.07	410.7	5380.7	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	484.2	5454.2	16425.	350.	D(1)
119	183 - 59	I*= 0.500	9940.07	484.2	5454.2	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	587.4	5557.4	16425.	350.	D(1)
120	59 - 184	I*= 0.500	7985.49	504.5	4497.3	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	454.8	4447.5	16425.	350.	D(1)
121	59 - 185	I*= 0.500	9940.07	511.0	5481.0	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	342.6	5312.6	16425.	350.	D(1)
122	185 - 47	I*= 0.500	9940.07	342.6	5312.6	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	190.6	5160.7	16425.	350.	D(1)
123	47 - 48	I*= 0.500	9940.07	190.6	5342.5	16425.	350.	D(1)
	(675.)	I= 1.954	9940.07	195.1	5351.2	16425.	350.	D(1)
			9940.07	217.7	5395.4	16425.	350.	D(1)
124	48 - 186	I*= 0.500	9940.07	217.7	5187.8	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	791.6	5761.6	16425.	350.	D(1)
125	186 - 187	I*= 0.500	9940.07	791.6	5761.6	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	780.3	5750.3	16425.	350.	D(1)
126	187 - 188	I*= 0.500	9940.07	780.3	5750.3	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	748.7	5718.7	16425.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
127	188 - 49	I*= 0.500	9940.07	748.7	5718.7	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	115.9	5085.9	16425.	350.	D(1)
128	49 - 50	I*= 0.500	9940.07	115.9	5196.4	16425.	350.	D(1)
	(675.)	I= 1.954	9940.07	277.1	5511.5	16425.	350.	D(1)
			9940.07	494.6	5936.4	16425.	350.	D(1)
129	50 - 189	I*= 0.500	9940.07	494.6	5464.6	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	549.0	5519.0	16425.	350.	D(1)
130	51 - 52	I*= 0.500	9940.07	499.1	5945.2	16425.	350.	D(1)
	(675.)	I= 1.954	9940.07	356.0	5665.6	16425.	350.	D(1)
			9940.07	300.0	5556.1	16425.	350.	D(1)
131	52 - 53	I*= 0.500	9940.07	300.0	5270.0	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	291.2	5261.2	16425.	350.	D(1)
132	184 - 58	I*= 0.500	7985.49	454.8	4447.5	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	418.7	4411.4	16425.	350.	D(1)
133	58 - 57	I*= 0.500	7985.49	418.7	4704.2	16425.	350.	D(1)
	(675.)	I= 1.699	7985.49	414.4	4696.9	16425.	350.	D(1)
			7985.49	1153.5	5952.8	16425.	350.	D(1)
134	57 - 208	I*= 0.500	7985.49	1153.5	5146.3	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	1850.0	5842.7	16425.	350.	D(1)
135	208 - 207	I*= 0.500	7985.49	1850.0	5842.7	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	519.8	4512.6	16425.	350.	D(1)
136	207 - 206	I*= 0.500	7985.49	519.8	4512.6	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	531.4	4524.2	16425.	350.	D(1)
137	206 - 205	I*= 0.500	3336.94	522.8	2191.3	16425.	350.	D(1)
	(675.)	I= 1.000	3336.94	303.2	1971.6	16425.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
138	205 - 204	I*= 0.500	3336.94	303.2	1971.6	16425.	350.	D(1)
	(675.)	I= 1.000	3336.94	214.6	1883.1	16425.	350.	D(1)
139	204 - 203	I*= 0.500	3336.94	214.6	1883.1	16425.	350.	D(1)
	(675.)	I= 1.000	3336.94	25.0	1693.5	16425.	350.	D(1)
140	203 - 202	I*= 0.500	3336.94	25.0	1693.5	16425.	350.	D(1)
	(675.)	I= 1.000	3336.94	27.7	1696.2	16425.	350.	D(1)
			3336.94	174.9	1843.4	16425.	350.	D(1)
141	202 - 201	I*= 0.500	3336.94	174.9	1843.4	16425.	350.	D(1)
	(675.)	I= 1.000	3336.94	356.4	2024.8	16425.	350.	D(1)
142	201 - 200	I*= 0.500	3336.94	356.4	2024.8	16425.	350.	D(1)
	(675.)	I= 1.000	3336.94	647.8	2316.3	16425.	350.	D(1)
143	200 - 199	I*= 0.500	7985.49	368.6	4361.4	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	204.4	4197.2	16425.	350.	D(1)
144	199 - 56	I*= 0.500	7985.49	204.4	4197.2	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	390.8	4383.6	16425.	350.	D(1)
145	56 - 55	I*= 0.500	7985.49	390.8	4656.8	16425.	350.	D(1)
	(675.)	I= 1.699	7985.49	535.4	4902.4	16425.	350.	D(1)
			7985.49	583.6	4984.5	16425.	350.	D(1)
146	55 - 252	I*= 0.500	7985.49	583.6	4576.4	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	792.2	4784.9	16425.	350.	D(1)
147	196 - 193	I*= 0.500	7985.49	1212.6	5205.4	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	1109.4	5102.1	16425.	350.	D(1)
148	103 - 60	I*= 0.500	9940.07	670.6	5640.6	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	740.2	5710.3	16425.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
149	60 - 61	I*= 0.500	9940.07	740.2	6416.3	16425.	350.	D(1)
	(675.)	I= 1.954	9940.07	608.4	6158.7	16425.	350.	D(1)
			9940.07	332.3	5619.2	16425.	350.	D(1)
150	61 - 209	I*= 0.500	9940.07	332.3	5302.3	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	850.2	5820.2	16425.	350.	D(1)
151	212 - 213	I*= 0.500	736.30	986.0	1354.2	16513.	325.	D(1)
	(50.)	I= 1.000	736.30	251.9	620.1	16513.	325.	D(1)
152	213 - 62	I*= 0.500	736.30	251.9	620.1	16600.	300.	D(1)
	(50.)	I= 1.000	736.30	203.8	571.9	16600.	300.	D(1)
153	62 - 63	I*= 0.500	736.30	203.8	766.3	16600.	300.	D(1)
	(50.)	I= 1.954	736.30	186.4	732.4	16600.	300.	D(1)
			736.30	162.0	684.7	16600.	300.	D(1)
154	63 - 64	I*= 0.500	736.30	162.0	530.2	16600.	300.	D(1)
	(50.)	I= 1.000	736.30	283.9	652.1	16600.	300.	D(1)
155	64 - 65	I*= 0.500	736.30	283.9	922.9	16600.	300.	D(1)
	(50.)	I= 1.954	736.30	266.5	888.8	16600.	300.	D(1)
			736.30	259.5	875.2	16600.	300.	D(1)
156	65 - 66	I*= 0.500	736.30	259.5	627.7	16600.	300.	D(1)
	(50.)	I= 1.000	736.30	325.9	694.1	16600.	300.	D(1)
157	66 - 67	I*= 0.500	736.30	325.9	1004.9	16600.	300.	D(1)
	(50.)	I= 1.954	736.30	417.5	1183.8	16600.	300.	D(1)
			736.30	603.1	1546.5	16600.	300.	D(1)
158	67 - 214	I*= 0.500	736.30	603.1	971.3	16600.	300.	D(1)
	(50.)	I= 1.000	736.30	658.3	1026.5	16600.	300.	D(1)
159	214 - 68	I*= 0.500	736.30	658.3	1026.5	16600.	300.	D(1)
	(50.)	I= 1.000	736.30	400.2	768.3	16600.	300.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	736.30	400.2	1150.0	16600.	300.	D(1)
	(50.)	I= 1.954	736.30	402.1	1153.8	16600.	300.	D(1)
			736.30	409.7	1168.6	16600.	300.	D(1)
161	69 - 215	I*= 0.500	736.30	409.7	777.8	16600.	300.	D(1)
	(50.)	I= 1.000	736.30	735.5	1103.6	16600.	300.	D(1)
162	215 - 70	I*= 0.500	736.30	735.5	1103.6	16600.	300.	D(1)
	(50.)	I= 1.000	736.30	916.2	1284.4	16600.	300.	D(1)
163	70 - 216	I*= 0.500	850.00	723.3	1148.3	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	1290.5	1715.5	16600.	300.	D(1)
164	70 - 217	I*= 0.500	850.00	794.7	1219.7	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	396.0	821.0	16600.	300.	D(1)
165	217 - 71	I*= 0.500	850.00	396.0	1275.2	16600.	300.	D(1)
	(50.)	I= 2.147	850.00	243.3	947.2	16600.	300.	D(1)
			850.00	311.5	1093.7	16600.	300.	D(1)
166	71 - 72	I*= 0.500	850.00	311.5	1093.7	16600.	300.	D(1)
	(50.)	I= 2.147	850.00	407.6	1299.9	16600.	300.	D(1)
			850.00	423.5	1334.1	16600.	300.	D(1)
167	72 - 218	I*= 0.500	850.00	423.5	848.5	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	397.1	822.1	16600.	300.	D(1)
168	218 - 219	I*= 0.500	850.00	397.1	822.1	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	191.0	616.0	16600.	300.	D(1)
169	222 - 223	I*= 0.500	850.00	220.1	645.1	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	180.6	605.6	16600.	300.	D(1)
170	226 - 73	I*= 0.500	850.00	209.7	634.7	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	199.7	624.7	16600.	300.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
171	73 - 74	I*= 0.500	850.00	199.7	853.6	16600.	300.	D(1)
	(50.)	I= 2.147	850.00	163.7	776.5	16600.	300.	D(1)
			850.00	112.6	666.8	16600.	300.	D(1)
172	74 - 227	I*= 0.500	850.00	112.6	537.6	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	150.2	575.2	16600.	300.	D(1)
173	227 - 75	I*= 0.500	850.00	150.2	575.2	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	1215.7	1640.7	16600.	300.	D(1)
174	216 - 228	I*= 0.500	850.00	1290.5	1715.5	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	2160.4	2585.4	16600.	300.	D(1)
175	228 - 76	I*= 0.500	850.00	2160.4	2585.4	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	1706.4	2131.4	16600.	300.	D(1)
176	76 - 77	I*= 0.500	850.00	1705.8	2130.8	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	575.2	1000.2	16600.	300.	D(1)
177	77 - 78	I*= 0.500	850.00	575.2	1659.9	16600.	300.	D(1)
	(50.)	I= 2.147	850.00	163.5	776.0	16600.	300.	D(1)
			850.00	316.1	1103.7	16600.	300.	D(1)
178	78 - 231	I*= 0.500	850.00	316.1	741.1	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	330.8	755.8	16600.	300.	D(1)
179	231 - 232	I*= 0.500	850.00	330.8	755.8	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	149.4	574.4	16600.	300.	D(1)
180	235 - 79	I*= 0.500	850.00	111.0	536.0	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	116.5	541.5	16600.	300.	D(1)
181	79 - 80	I*= 0.500	850.00	116.5	675.1	16600.	300.	D(1)
	(50.)	I= 2.147	850.00	60.1	554.0	16600.	300.	D(1)
			850.00	318.4	1108.5	16600.	300.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
182	80 - 81	I*= 0.500	850.00	318.4	743.4	16600.	300.	D(1)
	(50.)	I= 1.000	850.00	669.9	1094.9	16600.	300.	D(1)
183	76 - 229	I*= 0.500	474.68	261.7	499.0	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	245.0	482.4	16600.	300.	D(1)
184	229 - 230	I*= 0.500	474.68	245.0	482.4	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	234.9	472.2	16600.	300.	D(1)
185	230 - 236	I*= 0.500	474.68	234.9	472.2	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	224.6	461.9	16600.	300.	D(1)
186	236 - 237	I*= 0.500	474.68	224.6	461.9	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	226.7	464.0	16600.	300.	D(1)
187	240 - 82	I*= 0.500	474.68	135.2	372.6	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	132.8	370.2	16600.	300.	D(1)
188	82 - 83	I*= 0.500	474.68	132.8	431.9	16600.	300.	D(1)
	(50.)	I= 1.464	474.68	109.2	397.3	16600.	300.	D(1)
			474.68	80.8	355.6	16600.	300.	D(1)
189	83 - 84	I*= 0.500	474.68	80.8	318.1	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	61.7	299.1	16600.	300.	D(1)
190	84 - 85	I*= 0.500	474.68	61.7	327.7	16600.	300.	D(1)
	(50.)	I= 1.464	474.68	64.4	331.7	16600.	300.	D(1)
			474.68	60.1	325.3	16600.	300.	D(1)
191	85 - 241	I*= 0.500	474.68	60.1	297.4	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	69.7	307.0	16600.	300.	D(1)
192	241 - 86	I*= 0.500	474.68	69.7	307.0	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	78.7	316.1	16600.	300.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
193	86 - 242	I*= 0.500	474.68	166.0	403.4	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	129.6	366.9	16600.	300.	D(1)
194	86 - 243	I*= 0.500	474.68	114.0	351.3	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	106.5	343.8	16600.	300.	D(1)
195	242 - 87	I*= 0.500	474.68	129.6	427.1	16600.	300.	D(1)
	(50.)	I= 1.464	474.68	114.1	404.3	16600.	300.	D(1)
			474.68	95.2	376.7	16600.	300.	D(1)
196	87 - 88	I*= 0.500	474.68	95.2	376.7	16600.	300.	D(1)
	(50.)	I= 1.464	474.68	76.3	349.1	16600.	300.	D(1)
			474.68	66.5	334.7	16600.	300.	D(1)
197	88 - 244	I*= 0.500	474.68	66.5	303.8	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	69.8	307.1	16600.	300.	D(1)
198	247 - 89	I*= 0.500	474.68	668.7	906.0	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	837.8	1075.1	16600.	300.	D(1)
199	243 - 90	I*= 0.500	474.68	106.5	393.3	16600.	300.	D(1)
	(50.)	I= 1.464	474.68	106.2	392.8	16600.	300.	D(1)
			474.68	101.8	386.5	16600.	300.	D(1)
200	90 - 91	I*= 0.500	474.68	101.8	386.5	16600.	300.	D(1)
	(50.)	I= 1.464	474.68	93.7	374.6	16600.	300.	D(1)
			474.68	83.6	359.8	16600.	300.	D(1)
201	91 - 248	I*= 0.500	474.68	83.6	321.0	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	80.9	318.2	16600.	300.	D(1)
202	251 - 92	I*= 0.500	474.68	575.8	813.1	16600.	300.	D(1)
	(50.)	I= 1.000	474.68	733.0	970.4	16600.	300.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
203	160 - 31	I*= 0.500	10787.67	822.2	6216.1	16425.	350.	D(1)
	(675.)	I= 1.000	10787.67	704.2	6098.1	16425.	350.	D(1)
			10787.67	761.1	6155.0	16425.	350.	D(1)
204	189 - 51	I*= 0.500	9940.07	549.0	5519.0	16425.	350.	D(1)
	(675.)	I= 1.000	9940.07	499.1	5469.2	16425.	350.	D(1)
205	200 - 206	I*= 0.500	7985.49	359.4	4352.1	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	523.4	4516.1	16425.	350.	D(1)
206	104 - 105	B1= 0.500	12578.62	583.3	6872.6	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	659.1	6948.4	24295.	670.	D(1)
207	105 - 106	B1= 0.500	12578.62	59.8	6349.1	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	0.0	6289.3	24295.	670.	D(1)
208	105 - 107	B1= 0.500	12578.62	671.1	6960.4	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	321.1	6610.4	24295.	670.	D(1)
209	111 - 112	B1= 0.500	7812.50	172.7	4079.0	24295.	670.	D(1)
	(2500.)	B2= 1.000	7812.50	387.8	4294.0	24295.	670.	D(1)
210	112 - 113	B1= 0.500	7812.50	225.2	4131.5	24295.	670.	D(1)
	(2500.)	B2= 1.000	7812.50	0.0	3906.2	24295.	670.	D(1)
211	112 - 114	B1= 0.500	7812.50	506.3	4412.5	24295.	670.	D(1)
	(2500.)	B2= 1.000	7812.50	313.5	4219.8	24295.	670.	D(1)
212	125 - 126	B1= 0.500	12578.62	594.4	6883.7	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	641.6	6930.9	24295.	670.	D(1)
213	126 - 127	B1= 0.500	12578.62	59.8	6349.1	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	0.0	6289.3	24295.	670.	D(1)
214	126 - 128	B1= 0.500	12578.62	629.0	6918.3	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	259.0	6548.3	24295.	670.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
215	135 - 136	B1= 0.500	12578.62	465.8	6755.1	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	310.2	6599.5	24295.	670.	D(1)
216	136 - 137	B1= 0.500	12578.62	59.8	6349.1	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	0.0	6289.3	24295.	670.	D(1)
217	136 - 138	B1= 0.500	12578.62	307.3	6596.6	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	315.9	6605.2	24295.	670.	D(1)
218	144 - 145	B1= 0.500	7812.50	137.6	4043.9	24295.	670.	D(1)
	(2500.)	B2= 1.000	7812.50	497.6	4403.9	24295.	670.	D(1)
219	145 - 146	B1= 0.500	7812.50	115.9	4022.2	24295.	670.	D(1)
	(2500.)	B2= 1.000	7812.50	0.0	3906.2	24295.	670.	D(1)
220	145 - 147	B1= 0.500	7812.50	567.4	4473.7	24295.	670.	D(1)
	(2500.)	B2= 1.000	7812.50	350.8	4257.1	24295.	670.	D(1)
221	153 - 154	I*= 0.500	5937.50	56.0	3024.8	19375.	350.	D(1)
	(2500.)	I= 1.000	5937.50	0.0	2968.7	19375.	350.	D(1)
222	156 - 157	B1= 0.500	12578.62	472.5	6761.8	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	614.1	6903.4	24295.	670.	D(1)
223	157 - 158	B1= 0.500	12578.62	59.8	6349.1	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	0.0	6289.3	24295.	670.	D(1)
224	157 - 159	B1= 0.500	12578.62	612.5	6901.8	24295.	670.	D(1)
	(2500.)	B2= 1.000	12578.62	246.4	6535.7	24295.	670.	D(1)
225	166 - 38	I*= 0.500	3198.83	201.1	1800.5	16425.	350.	D(1)
	(675.)	I= 1.000	3198.83	218.7	1818.1	16425.	350.	D(1)
226	38 - 167	I*= 0.500	3198.83	6.8	1606.2	16425.	350.	D(1)
	(675.)	I= 1.000	3198.83	0.0	1599.4	16425.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
227	38 - 168	I*= 0.500	3198.83	212.7	1812.1	16425.	350.	D(1)
	(675.)	I= 1.000	3198.83	186.8	1786.3	16425.	350.	D(1)
228	198 - 54	I*= 0.500	3198.83	232.6	1832.0	16425.	350.	D(1)
	(675.)	I= 1.000	3198.83	291.8	1891.2	16425.	350.	D(1)
229	54 - 197	I*= 0.500	3198.83	6.8	1606.2	16425.	350.	D(1)
	(675.)	I= 1.000	3198.83	0.0	1599.4	16425.	350.	D(1)
230	54 - 196	I*= 0.500	3198.83	298.3	1897.7	16425.	350.	D(1)
	(675.)	I= 1.000	3198.83	267.0	1866.4	16425.	350.	D(1)
231	209 - 210	I*= 0.500	3284.83	207.7	1850.1	16425.	350.	D(1)
	(675.)	I= 1.000	3284.83	294.1	1936.5	16425.	350.	D(1)
232	210 - 211	I*= 0.500	3284.83	12.4	1654.8	16425.	350.	D(1)
	(675.)	I= 1.000	3284.83	0.0	1642.4	16425.	350.	D(1)
233	210 - 212	I*= 0.500	3284.83	292.1	1934.5	16425.	350.	D(1)
	(675.)	I= 1.000	3284.83	240.9	1883.3	16425.	350.	D(1)
234	219 - 220	I*= 0.500	250.00	52.6	177.6	16600.	300.	D(1)
	(50.)	I= 1.000	250.00	51.3	176.3	16600.	300.	D(1)
235	220 - 221	I*= 0.500	250.00	12.3	137.3	16600.	300.	D(1)
	(50.)	I= 1.000	250.00	0.0	125.0	16600.	300.	D(1)
236	220 - 222	I*= 0.500	250.00	62.0	187.0	16600.	300.	D(1)
	(50.)	I= 1.000	250.00	60.6	185.6	16600.	300.	D(1)
237	223 - 224	I*= 0.500	250.00	49.8	174.8	16600.	300.	D(1)
	(50.)	I= 1.000	250.00	48.4	173.4	16600.	300.	D(1)
238	224 - 225	I*= 0.500	250.00	12.3	137.3	16600.	300.	D(1)
	(50.)	I= 1.000	250.00	0.0	125.0	16600.	300.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
239	224 - 226	I*= 0.500	250.00	59.2	184.2	16600.	300.	D(1)
	(50.)	I= 1.000	250.00	57.8	182.8	16600.	300.	D(1)
240	232 - 233	I*= 0.500	250.00	41.2	166.2	16600.	300.	D(1)
	(50.)	I= 1.000	250.00	41.8	166.8	16600.	300.	D(1)
241	233 - 234	I*= 0.500	250.00	12.3	137.3	16600.	300.	D(1)
	(50.)	I= 1.000	250.00	0.0	125.0	16600.	300.	D(1)
242	233 - 235	I*= 0.500	250.00	29.9	154.9	16600.	300.	D(1)
	(50.)	I= 1.000	250.00	30.6	155.6	16600.	300.	D(1)
243	244 - 245	I*= 0.500	185.43	18.6	111.3	16600.	300.	D(1)
	(50.)	I= 1.000	185.43	46.1	138.8	16600.	300.	D(1)
244	245 - 246	I*= 0.500	185.43	0.0	92.7	16600.	300.	D(1)
	(50.)	I= 1.000	185.43	0.0	92.7	16600.	300.	D(1)
245	245 - 247	I*= 0.500	185.43	46.1	138.8	16600.	300.	D(1)
	(50.)	I= 1.000	185.43	177.8	270.5	16600.	300.	D(1)
246	248 - 249	I*= 0.500	185.43	21.5	114.2	16600.	300.	D(1)
	(50.)	I= 1.000	185.43	33.7	126.4	16600.	300.	D(1)
247	249 - 250	I*= 0.500	185.43	0.0	92.7	16600.	300.	D(1)
	(50.)	I= 1.000	185.43	0.0	92.7	16600.	300.	D(1)
248	249 - 251	I*= 0.500	185.43	33.7	126.4	16600.	300.	D(1)
	(50.)	I= 1.000	185.43	153.1	245.8	16600.	300.	D(1)
249	237 - 238	I*= 0.500	185.43	60.3	153.0	16600.	300.	D(1)
	(50.)	I= 1.000	185.43	63.7	156.4	16600.	300.	D(1)
250	238 - 239	I*= 0.500	185.43	101.6	194.3	16600.	300.	D(1)
	(50.)	I= 1.000	185.43	0.0	92.7	16600.	300.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
251	238 - 240	I*= 0.500	185.43	39.8	132.5	16600.	300.	D(1)
	(50.)	I= 1.000	185.43	36.0	128.7	16600.	300.	D(1)
252	120 - 121	I*= 0.500	5937.50	56.0	3024.8	19375.	350.	D(1)
	(2500.)	I= 1.000	5937.50	0.0	2968.7	19375.	350.	D(1)
253	252 - 198	I*= 0.500	7985.49	792.2	4784.9	16425.	350.	D(1)
	(675.)	I= 1.000	7985.49	1056.3	5049.1	16425.	350.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & DESIGN PRESS ****

COMP. NO.	COMPONENT TYPE					FAILURE FLAG
		NODE= 182	B1= 1.000	D1= 6.625		
		NA= 0	B2= 1.000	D2= 10.750		
15	CON. REDUCER	NB= 0	C1= 1.000	T1= 0.280		
	PER B16.9	NC= 0	C2= 1.000	T2= 0.365		
		INDEXO= 3	I= 1.000	PRESS= 675.0		

PRESSURE STRESS	MOMENT STRESS(*)	CALCULATED STRESS	ALLOWABLE STRESS	
9940.07	1387.12	6357.15	16425.00	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122		
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500		
	PER 816.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162		
		INDEXO= 3	PRESS= 675.0	IR= 1.562	IB= 1.562		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	7985.5	2630.3	8100.1	16425.0	D(1)
RUN	10787.7	520.3	6206.3	16425.0	D(1)

MAX. RUN LOAD	(R-1)	M1= 17331.8	M2= -27745.9	M3= 3687.5
	(R-2)	M1= 5574.8	M2= 25145.7	M3= -6978.2
	(BR)	M1= -22906.6	M2= 2600.2	M3= 3290.8
MAX. BR. LOAD	(R-1)	M1= 17331.8	M2= -27745.9	M3= 3687.5
	(R-2)	M1= 5574.8	M2= 25145.7	M3= -6978.2
	(BR)	M1= -22906.6	M2= 2600.2	M3= 3290.8

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 9	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122		
2	BUTT WELD TEE	NB= 102	TR= 0.438	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162		
		INDEXO= 3	PRESS= 675.0	IR= 1.562	IB= 1.562		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	9940.1	593.9	5897.4	16425.0	D(1)
RUN	10787.7	1119.0	7141.2	16425.0	D(1)

MAX. RUN LOAD	(R-1)	M1= -11017.5	M2= 34243.0	M3= -60984.8
	(R-2)	M1= 6840.3	M2= -25027.9	M3= 45663.6
	(BR)	M1= 4177.2	M2= -9215.2	M3= 15321.2
MAX. BR. LOAD	(R-1)	M1= -11017.5	M2= 34243.0	M3= -60984.8
	(R-2)	M1= 6840.3	M2= -25027.9	M3= 45663.6
	(BR)	M1= 4177.2	M2= -9215.2	M3= 15321.2

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 14	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 130	DB= 14.000	B2R= 1.500	B2B= 1.500	
3	BUTT WELD TEE	NB= 131	TR= 1.406	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 129	TB= 1.406	C2R= 2.000	C2B= 2.000	
		INDEXO= 1	PRESS= 2500.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	12446.7	601.8	13349.4	24295.0	D(1)
RUN	12446.7	0.0	12446.7	24295.0	D(1)
TOTAL			13349.4	24295.0	

MAX. RUN LOAD	(R-1)	M1= 58717.4	M2= 18632.0	M3= 7061.3
	(R-2)	M1= 29072.2	M2= 5856.8	M3= 45896.3
	(BR)	M1= -87789.6	M2= -24488.8	M3= -52957.6
MAX. BR. LOAD	(R-1)	M1= 58717.4	M2= 18632.0	M3= 7061.3
	(R-2)	M1= 29072.2	M2= 5856.8	M3= 45896.3
	(BR)	M1= -87789.6	M2= -24488.8	M3= -52957.6

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 29	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 28	DB= 6.625	B2R= 3.122	B2B= 3.122	
4	BUTT WELD TEE	NB= 192	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 193	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 3	PRESS= 675.0	IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	7985.5	1246.5	5939.2	16425.0	D(1)
RUN	10787.7	411.0	6035.6	16425.0	D(1)

MAX. RUN LOAD	(R-1)	M1= 13878.2	M2= 189.3	M3= -21988.9
	(R-2)	M1= -3748.7	M2= 585.4	M3= 17677.7
	(BR)	M1= -10129.5	M2= -774.7	M3= 4311.2
MAX. BR. LOAD	(R-1)	M1= 13878.2	M2= 189.3	M3= -21988.9
	(R-2)	M1= -3748.7	M2= 585.4	M3= 17677.7
	(BR)	M1= -10129.5	M2= -774.7	M3= 4311.2

STRESS ANALYSIS

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	FAILURE FLAG
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	
		INDEXO= 3	PRESS= 675.0	IR= 1.476	IB= 1.476	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	7985.5	484.1	4707.3	16425.0	D(1)
RUN	9940.1	568.1	5808.5	16425.0	D(1)

MAX. RUN LOAD	(R-1)	M1= 1716.3	M2= -1889.1	M3= -17378.4
	(R-2)	M1= -1122.9	M2= 4931.9	M3= 14418.6
	(BR)	M1= -593.5	M2= -3042.9	M3= 2959.9
MAX. BR. LOAD	(R-1)	M1= 1716.3	M2= -1889.1	M3= -17378.4
	(R-2)	M1= -1122.9	M2= 4931.9	M3= 14418.6
	(BR)	M1= -593.5	M2= -3042.9	M3= 2959.9

COMP. NO.	COMP. TYPE					
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	FAILURE FLAG
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	
6	BUTT WELL TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	
		INDEXO= 3	PRESS= 50.0	IR= 1.629	IB= 1.629	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	736.3	886.2	1812.1	16600.0	D(1)
RUN	850.0	772.1	1682.9	16600.0	D(1)

MAX. RUN LOAD	(R-1)	M1= -11021.3	M2= 32531.4	M3= 5731.9
	(R-2)	M1= -8955.9	M2= -27755.7	M3= 12401.9
	(BR)	M1= 19977.2	M2= -4775.8	M3= -18133.8
MAX. BR. LOAD	(R-1)	M1= -11021.3	M2= 32531.4	M3= 5731.9
	(R-2)	M1= -8955.9	M2= -27755.7	M3= 12401.9
	(BR)	M1= 19977.2	M2= -4775.8	M3= -18133.8

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173	
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898	

INDEXO= 3 PRESS= 50.0 IR= 1.087 IB= 1.087

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	474.7	74.8	318.7	16600.0	D(1)
RUN	474.7	157.8	408.9	16600.0	D(1)

MAX. RUN LOAD	(R-1)	M1= -365.8	M2= 49.1	M3= 385.5
	(R-2)	M1= 327.9	M2= 49.7	M3= -155.6
	(BR)	M1= 37.9	M2= -98.8	M3= -229.9
MAX. BR. LOAD	(R-1)	M1= -365.8	M2= 49.1	M3= 385.5
	(R-2)	M1= 327.9	M2= 49.7	M3= -155.6
	(BR)	M1= 37.9	M2= -98.8	M3= -229.9

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125	
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500	

INDEXO= 1 PRESS= 2500.0 IR= 1.000 IB= 1.000

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	9988.6	1703.1	11904.6	24295.0	D(1)
RUN	12446.7	426.4	12873.1	24295.0	D(1)
TOTAL			14789.1	24295.0	

MAX. RUN LOAD	(R-1)	M1= 44063.4	M2= -582.2	M3= -63916.1
	(R-2)	M1= -38630.1	M2= -226.3	M3= 63916.1
	(BR)	M1= -5433.3	M2= 808.5	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= 44063.4	M2= -582.2	M3= -63916.1
	(R-2)	M1= -38630.1	M2= -226.3	M3= 63916.1
	(BR)	M1= -5433.3	M2= 808.5	M3= 0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 2500.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	9988.6	1352.3	11509.9	24295.0	D(1)
RUN	12446.7	309.9	12756.6	24295.0	D(1)
TOTAL			14277.9	24295.0	

MAX. RUN LOAD	(R-1)	M1= 312.6	M2= -36213.0	M3= -40811.6
	(R-2)	M1= 4028.2	M2= 35786.5	M3= 40811.6
	(BR)	M1= -4340.8	M2= 426.5	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= 312.6	M2= -36213.0	M3= -40811.6
	(R-2)	M1= 4028.2	M2= 35786.5	M3= 40811.6
	(BR)	M1= -4340.8	M2= 426.5	M3= 0.0

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 3	PRESS= 2500.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	6575.0	150.4	3437.9	19375.0	D(1)
RUN	9988.6	182.1	5176.4	19375.0	D(1)

MAX. RUN LOAD	(R-1)	M1= 0.0	M2= 0.0	M3= -553.8
	(R-2)	M1= 0.0	M2= 0.0	M3= 587.3
	(BR)	M1= -0.0	M2= 0.0	M3= -33.5
MAX. BR. LOAD	(R-1)	M1= 0.0	M2= 0.0	M3= -553.8
	(R-2)	M1= 0.0	M2= 0.0	M3= 587.3
	(BR)	M1= -0.0	M2= 0.0	M3= -33.5

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 149	DR= 3.500	B1R= 1.000	B1B= 1.000		
		NA= 148	DB= 1.315	B2R= 1.000	B2B= 1.412		
11	BRANCH CONNECT.	NB= 150	TR= 0.438	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 151	TB= 0.250	C2R= 1.000	C2B= 1.882		
		INDEXO= 3	PRESS= 2500.0	IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	6575.0	150.4	3437.9	19375.0	D(1)
RUN	9988.6	202.6	5196.9	19375.0	D(1)

MAX. RUN LOAD	(R-1)	M1= 0.0	M2= -0.0	M3= -620.0
	(R-2)	M1= 0.0	M2= 0.0	M3= 653.5
	(BR)	M1= -0.0	M2= 0.0	M3= -33.5
MAX. BR. LOAD	(R-1)	M1= 0.0	M2= -0.0	M3= -620.0
	(R-2)	M1= 0.0	M2= 0.0	M3= 653.5
	(BR)	M1= -0.0	M2= 0.0	M3= -33.5

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 170	DR= 6.625	B1R= 1.000	B1B= 1.000		
		NA= 169	DB= 1.315	B2R= 1.000	B2B= 2.090		
12	BRANCH CONNECT.	NB= 175	TR= 0.280	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 171	TB= 0.133	C2R= 1.000	C2B= 2.787		
		INDEXO= 3	PRESS= 675.0	IR= 1.045	IB= 1.045		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3336.9	0.0	1668.5	16425.0	O(1)
RUN	7985.5	445.9	4458.7	16425.0	O(1)

MAX. RUN LOAD	(R-1)	M1= -3748.3	M2= -871.2	M3= 880.1
	(R-2)	M1= 3748.3	M2= 871.2	M3= -880.1
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0
MAX. BR. LOAD	(R-1)	M1= -3748.3	M2= -871.2	M3= 880.1
	(R-2)	M1= 3748.3	M2= 871.2	M3= -880.1
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 200	DR= 6.625	B1R= 1.000	B1B= 1.000	
		NA= 199	DB= 1.315	B2R= 1.000	B2B= 2.090	
13	BRANCH CONNECT.	NB= 206	TR= 0.280	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 201	TB= 0.133	C2R= 1.000	C2B= 2.787	

INDEXO= 3 PRESS= 675.0 IR= 1.045 IB= 1.045

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3336.9	589.7	2284.7	16425.0	D(1)
RUN	7985.5	353.7	4362.4	16425.0	D(1)

MAX. RUN LOAD	(R-1)	M1= -649.9	M2= -1156.8	M3= -2836.6
	(R-2)	M1= 648.0	M2= 1156.3	M3= 2750.6
	(BR)	M1= 1.8	M2= 0.4	M3= 86.0
MAX. BR. LOAD	(R-1)	M1= -649.9	M2= -1156.8	M3= -2836.6
	(R-2)	M1= 648.0	M2= 1156.3	M3= 2750.6
	(BR)	M1= 1.8	M2= 0.4	M3= 86.0

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 76	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 228	DB= 4.500	B2R= 1.340	B2B= 3.949	
14	BRANCH CONNECT.	NB= 77	TR= 0.375	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 229	TB= 0.237	C2R= 1.786	C2B= 5.265	

INDEXO= 3 PRESS= 50.0 IR= 1.974 IB= 1.974

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	474.7	248.7	728.4	16600.0	D(1)
RUN	850.0	1657.7	3698.2	16600.0	D(1)

MAX. RUN LOAD	(R-1)	M1= 8955.9	M2= 6759.2	M3= 73922.9
	(R-2)	M1= -8119.4	M2= -6821.0	M3= -73987.5
	(BR)	M1= -836.5	M2= 61.8	M3= 64.6
MAX. BR. LOAD	(R-1)	M1= 8955.9	M2= 6759.2	M3= 73922.9
	(R-2)	M1= -8119.4	M2= -6821.0	M3= -73987.5
	(BR)	M1= -836.5	M2= 61.8	M3= 64.6

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
1	1 - 93	I*= 0.500	0.0	4975.6	4975.6	26606.	350.	T(2,2)
		I= 1.000	0.0	2733.9	2733.9	26606.	350.	T(2,2)
2	93 - 94	I*= 0.500	0.0	2733.9	2733.9	26606.	350.	T(2,2)
		I= 1.000	0.0	2846.6	2846.6	26606.	350.	T(2,2)
3	94 - 2	I*= 0.500	0.0	2846.6	2846.6	26606.	350.	T(2,2)
		I= 1.000	0.0	4185.9	4185.9	26606.	350.	T(2,2)
4	2 - 3	I*= 0.500	0.0	4185.9	14433.2	26606.	350.	T(2,2)
		I= 3.448	0.0	4761.9	16419.1	26606.	350.	T(2,2)
			0.0	4769.0	16443.6	26606.	350.	T(2,2)
5	3 - 4	I*= 0.500	0.0	4769.0	4769.0	26606.	350.	T(2,2)
		I= 1.000	0.0	4589.7	4589.7	26606.	350.	T(2,2)
6	4 - 5	I*= 0.500	0.0	4589.7	12077.0	26606.	350.	T(2,2)
		I= 2.631	0.0	4569.3	12023.4	26606.	350.	T(2,2)
			0.0	4399.6	11576.9	26606.	350.	T(2,2)
7	5 - 95	I*= 0.500	0.0	4399.6	11576.9	26606.	350.	T(2,2)
		I= 2.631	0.0	4054.1	10667.6	26606.	350.	T(2,2)
			0.0	3568.4	9389.6	26606.	350.	T(2,2)
8	95 - 6	I*= 0.500	0.0	3568.4	3568.4	26606.	350.	T(2,2)
		I= 1.000	0.0	2918.1	2918.1	26606.	350.	T(2,2)
9	6 - 96	I*= 0.500	0.0	9619.4	9619.4	26606.	350.	T(2,2)
		I= 1.000	0.0	8802.8	8802.8	26606.	350.	T(2,2)
10	6 - 97	I*= 0.500	0.0	3863.3	3863.3	26606.	350.	T(2,2)
		I= 1.000	0.0	3575.3	3575.3	26606.	350.	T(2,2)
11	97 - 98	I*= 0.500	0.0	3575.3	3575.3	26606.	350.	T(2,2)
		I= 1.000	0.0	3446.4	3446.4	26606.	350.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
12	98 - 7	I*= 0.500	0.0	3446.4	3446.4	26606.	350.	T(2,2)
		I= 1.000	0.0	2299.2	2299.2	26606.	350.	T(2,2)
13	7 - 8	I*= 0.500	0.0	2299.2	2299.2	26606.	350.	T(2,2)
		I= 1.000	0.0	1916.8	1916.8	26606.	350.	T(2,2)
			0.0	2964.9	2964.9	26606.	350.	T(2,2)
14	8 - 99	I*= 0.500	0.0	2964.9	2964.9	26606.	350.	T(2,2)
		I= 1.000	0.0	3666.6	3666.6	26606.	350.	T(2,2)
15	99 - 100	I*= 0.500	0.0	3666.6	3666.6	26606.	350.	T(2,2)
		I= 1.000	0.0	4132.4	4132.4	26606.	350.	T(2,2)
16	100 - 101	I*= 0.500	0.0	4132.4	4132.4	26606.	350.	T(2,2)
		I= 1.000	0.0	4687.3	4687.3	26606.	350.	T(2,2)
17	101 - 9	I*= 0.500	0.0	4687.3	4687.3	26606.	350.	T(2,2)
		I= 1.000	0.0	4883.2	4883.2	26606.	350.	T(2,2)
18	9 - 103	I*= 0.500	0.0	8241.4	8241.4	26606.	350.	T(2,2)
		I= 1.000	0.0	7455.8	7455.8	26606.	350.	T(2,2)
19	9 - 102	I*= 0.500	0.0	2603.4	2603.4	26606.	350.	T(2,2)
		I= 1.000	0.0	2987.2	2987.2	26606.	350.	T(2,2)
20	102 - 10	I*= 0.500	0.0	2987.2	2987.2	26606.	350.	T(2,2)
		I= 1.000	0.0	3243.3	3243.3	26606.	350.	T(2,2)
21	10 - 11	I*= 0.500	0.0	3243.3	3243.3	26606.	350.	T(2,2)
		I= 1.000	0.0	4424.9	4424.9	26606.	350.	T(2,2)
			0.0	6305.6	6305.6	26606.	350.	T(2,2)
22	11 - 104	I*= 0.500	0.0	6305.6	6305.6	26469.	510.	T(2,2)
		I= 1.000	0.0	6561.8	6561.8	26469.	510.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
23	107 - 12	C1= 1.000	0.0	3038.5	3038.5	48590.	670.	T(2,2)
		C2= 1.000	0.0	3266.8	3266.8	48590.	670.	T(2,2)
24	12 - 13	C1= 1.214	0.0	3266.8	7754.2	48590.	670.	T(2,2)
		C2= 2.374	0.0	3426.8	8134.0	48590.	670.	T(2,2)
			0.0	3427.8	8136.3	48590.	670.	T(2,2)
25	13 - 108	C1= 1.000	0.0	3427.8	3427.8	48590.	670.	T(2,2)
		C2= 1.000	0.0	3386.7	3386.7	48590.	670.	T(2,2)
26	108 - 109	C1= 1.000	0.0	521.5	521.5	48590.	670.	T(2,2)
		C2= 1.000	0.0	420.4	420.4	48590.	670.	T(2,2)
27	109 - 110	C1= 1.000	0.0	420.4	420.4	48590.	670.	T(2,2)
		C2= 1.000	0.0	377.1	377.1	48590.	670.	T(2,2)
28	110 - 111	C1= 1.000	0.0	377.1	377.1	48590.	670.	T(2,2)
		C2= 1.000	0.0	308.6	308.6	48590.	670.	T(2,2)
29	114 - 115	I*= 0.500	0.0	135.3	135.3	29356.	510.	T(2,2)
		I= 1.000	0.0	97.4	97.4	29356.	510.	T(2,2)
30	115 - 116	I*= 0.500	0.0	97.4	97.4	29844.	350.	T(2,2)
		I= 1.000	0.0	48.7	48.7	29844.	350.	T(2,2)
31	116 - 117	I*= 0.500	0.0	48.7	48.7	29844.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29844.	350.	T(2,2)
32	116 - 118	I*= 0.500	0.0	0.0	0.0	29844.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29844.	350.	T(2,2)
33	117 - 119	I*= 0.500	0.0	0.0	0.0	29844.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29844.	350.	T(2,2)
34	118 - 120	I*= 0.500	0.0	0.0	0.0	29844.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29844.	350.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
35	108 - 122	C1= 1.000	0.0	3385.6	3385.6	48590.	670.	T(2,2)
		C2= 1.000	0.0	3337.6	3337.6	48590.	670.	T(2,2)
36	122 - 123	C1= 1.000	0.0	3337.6	3337.6	48590.	670.	T(2,2)
		C2= 1.000	0.0	3217.5	3217.5	48590.	670.	T(2,2)
37	123 - 124	C1= 1.000	0.0	3217.5	3217.5	48590.	670.	T(2,2)
		C2= 1.000	0.0	3008.1	3008.1	48590.	670.	T(2,2)
38	124 - 125	C1= 1.000	0.0	3008.1	3008.1	48590.	670.	T(2,2)
		C2= 1.000	0.0	2983.4	2983.4	48590.	670.	T(2,2)
39	128 - 129	C1= 1.000	0.0	2957.2	2957.2	48590.	670.	T(2,2)
		C2= 1.000	0.0	2963.8	2963.8	48590.	670.	T(2,2)
40	129 - 14	C1= 1.000	0.0	2963.8	2963.8	48590.	670.	T(2,2)
		C2= 1.000	0.0	2982.5	2982.5	48590.	670.	T(2,2)
41	14 - 130	C1= 1.000	0.0	916.1	916.1	48590.	670.	T(2,2)
		C2= 1.000	0.0	749.4	749.4	48590.	670.	T(2,2)
42	14 - 131	C1= 1.000	0.0	2614.0	2614.0	48590.	670.	T(2,2)
		C2= 1.000	0.0	2594.4	2594.4	48590.	670.	T(2,2)
43	131 - 15	C1= 1.000	0.0	2594.4	2594.4	48590.	670.	T(2,2)
		C2= 1.000	0.0	2497.8	2497.8	48590.	670.	T(2,2)
44	15 - 16	C1= 1.214	0.0	2497.8	5928.8	48590.	670.	T(2,2)
		C2= 2.374	0.0	2379.6	5648.3	48590.	670.	T(2,2)
			0.0	2162.9	5133.9	48590.	670.	T(2,2)
45	16 - 132	C1= 1.000	0.0	2162.9	2162.9	48590.	670.	T(2,2)
		C2= 1.000	0.0	2012.1	2012.1	48590.	670.	T(2,2)
46	132 - 17	C1= 1.000	0.0	2012.1	2012.1	48590.	670.	T(2,2)
		C2= 1.000	0.0	1331.8	1331.8	48590.	670.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
47	17 - 18	C1= 1.214	0.0	1331.8	3161.3	48590.	670.	T(2,2)
		C2= 2.374	0.0	1525.4	3620.7	48590.	670.	T(2,2)
			0.0	1690.2	4011.9	48590.	670.	T(2,2)
48	18 - 19	C1= 1.000	0.0	1690.2	1690.2	48590.	670.	T(2,2)
		C2= 1.000	0.0	2008.8	2008.8	48590.	670.	T(2,2)
49	19 - 20	C1= 1.214	0.0	2008.8	4768.2	48590.	670.	T(2,2)
		C2= 2.374	0.0	2221.0	5271.8	48590.	670.	T(2,2)
			0.0	2480.8	5888.5	48590.	670.	T(2,2)
50	20 - 133	C1= 1.000	0.0	2480.8	2480.8	48590.	670.	T(2,2)
		C2= 1.000	0.0	2984.7	2984.7	48590.	670.	T(2,2)
51	133 - 21	C1= 1.000	0.0	2984.7	2984.7	48590.	670.	T(2,2)
		C2= 1.000	0.0	4326.3	4326.3	48590.	670.	T(2,2)
52	21 - 22	C1= 1.214	0.0	4326.3	10268.9	48590.	670.	T(2,2)
		C2= 2.374	0.0	4844.7	11499.5	48590.	670.	T(2,2)
			0.0	5071.3	12037.2	48590.	670.	T(2,2)
53	22 - 23	C1= 1.000	0.0	5071.3	5071.3	48590.	670.	T(2,2)
		C2= 1.000	0.0	5149.0	5149.0	48590.	670.	T(2,2)
54	24 - 195	I*= 0.500	0.0	5685.3	5685.3	26606.	350.	T(2,2)
		I= 1.000	0.0	3911.9	3911.9	26606.	350.	T(2,2)
55	195 - 194	I*= 0.500	0.0	3911.9	3911.9	26606.	350.	T(2,2)
		I= 1.000	0.0	1652.5	1652.5	26606.	350.	T(2,2)
56	194 - 25	I*= 0.500	0.0	1652.5	1652.5	26606.	350.	T(2,2)
		I= 1.000	0.0	793.5	793.5	26606.	350.	T(2,2)
57	25 - 26	I*= 0.500	0.0	793.5	2087.9	26606.	350.	T(2,2)
		I= 2.631	0.0	351.4	924.7	26606.	350.	T(2,2)
			0.0	796.5	2095.7	26606.	350.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
58	26 - 27	I*= 0.500	0.0	796.5	796.5	26606.	350.	T(2,2)
		I= 1.000	0.0	1067.0	1067.0	26606.	350.	T(2,2)
59	27 - 28	I*= 0.500	0.0	1067.0	2807.7	26606.	350.	T(2,2)
		I= 2.631	0.0	1439.9	3788.8	26606.	350.	T(2,2)
			0.0	1660.2	4368.5	26606.	350.	T(2,2)
60	28 - 29	I*= 0.500	0.0	1660.2	1660.2	26606.	350.	T(2,2)
		I= 1.000	0.0	1898.9	1898.9	26606.	350.	T(2,2)
61	29 - 193	I*= 0.500	0.0	10717.4	10717.4	26606.	350.	T(2,2)
		I= 1.000	0.0	9626.9	9626.9	26606.	350.	T(2,2)
62	29 - 192	I*= 0.500	0.0	1773.4	1773.4	26606.	350.	T(2,2)
		I= 1.000	0.0	2378.8	2378.8	26606.	350.	T(2,2)
63	192 - 191	I*= 0.500	0.0	2378.8	2378.8	26606.	350.	T(2,2)
		I= 1.000	0.0	2737.6	2737.6	26606.	350.	T(2,2)
64	191 - 190	I*= 0.500	0.0	2737.6	2737.6	26606.	350.	T(2,2)
		I= 1.000	0.0	8114.8	8114.8	26606.	350.	T(2,2)
65	190 - 30	I*= 0.500	0.0	8114.8	8114.8	26606.	350.	T(2,2)
		I= 1.000	0.0	3492.6	3492.6	26606.	350.	T(2,2)
66	30 - 165	I*= 0.500	0.0	3492.6	3492.6	26606.	350.	T(2,2)
		I= 1.000	0.0	1822.7	1822.7	26606.	350.	T(2,2)
			0.0	244.7	244.7	26606.	350.	T(2,2)
67	165 - 164	I*= 0.500	0.0	244.7	244.7	26606.	350.	T(2,2)
		I= 1.000	0.0	1280.8	1280.8	26606.	350.	T(2,2)
			0.0	2688.3	2688.3	26606.	350.	T(2,2)
68	164 - 163	I*= 0.500	0.0	2688.3	2688.3	26606.	350.	T(2,2)
		I= 1.000	0.0	2928.9	2928.9	26606.	350.	T(2,2)
			0.0	3165.6	3165.6	26606.	350.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
69	163 - 162	I*= 0.500	0.0	3165.6	3165.6	26606.	350.	T(2,2)
		I= 1.000	0.0	3497.3	3497.3	26606.	350.	T(2,2)
			0.0	3820.6	3820.6	26606.	350.	T(2,2)
70	162 - 161	I*= 0.500	0.0	3820.6	3820.6	26606.	350.	T(2,2)
		I= 1.000	0.0	5304.1	5304.1	26606.	350.	T(2,2)
			0.0	6561.1	6561.1	26606.	350.	T(2,2)
71	161 - 160	I*= 0.500	0.0	6561.1	6561.1	26606.	350.	T(2,2)
		I= 1.000	0.0	7449.1	7449.1	26606.	350.	T(2,2)
			0.0	8152.6	8152.6	26606.	350.	T(2,2)
72	31 - 159	I*= 0.500	0.0	8304.3	8304.3	26469.	510.	T(2,2)
		I= 1.000	0.0	8376.8	8376.8	26469.	510.	T(2,2)
73	156 - 155	C1= 1.000	0.0	3480.5	3480.5	48590.	670.	T(2,2)
		C2= 1.000	0.0	3724.3	3724.3	48590.	670.	T(2,2)
74	155 - 32	C1= 1.000	0.0	3724.3	3724.3	48590.	670.	T(2,2)
		C2= 1.000	0.0	3776.4	3776.4	48590.	670.	T(2,2)
75	32 - 33	C1= 1.214	0.0	3776.4	8963.8	48590.	670.	T(2,2)
		C2= 2.374	0.0	3717.3	8823.4	48590.	670.	T(2,2)
			0.0	3401.5	8073.8	48590.	670.	T(2,2)
76	33 - 141	C1= 1.000	0.0	3401.5	3401.5	48590.	670.	T(2,2)
		C2= 1.000	0.0	3212.4	3212.4	48590.	670.	T(2,2)
77	141 - 142	C1= 1.000	0.0	537.8	537.8	48590.	670.	T(2,2)
		C2= 1.000	0.0	433.5	433.5	48590.	670.	T(2,2)
78	142 - 143	C1= 1.000	0.0	433.5	433.5	48590.	670.	T(2,2)
		C2= 1.000	0.0	388.9	388.9	48590.	670.	T(2,2)
79	143 - 144	C1= 1.000	0.0	388.9	388.9	48590.	670.	T(2,2)
		C2= 1.000	0.0	318.2	318.2	48590.	670.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
80	147 - 148	I*= 0.500	0.0	139.5	139.5	29356.	510.	T(2,2)
		I= 1.000	0.0	100.5	100.5	29356.	510.	T(2,2)
81	148 - 149	I*= 0.500	0.0	100.5	100.5	29844.	350.	T(2,2)
		I= 1.000	0.0	50.2	50.2	29844.	350.	T(2,2)
82	149 - 150	I*= 0.500	0.0	50.2	50.2	29844.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29844.	350.	T(2,2)
83	149 - 151	I*= 0.500	0.0	0.0	0.0	29844.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29844.	350.	T(2,2)
84	150 - 152	I*= 0.500	0.0	0.0	0.0	29844.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29844.	350.	T(2,2)
85	151 - 153	I*= 0.500	0.0	0.0	0.0	29844.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29844.	350.	T(2,2)
86	141 - 140	C1= 1.000	0.0	3212.8	3212.8	48590.	670.	T(2,2)
		C2= 1.000	0.0	2933.6	2933.6	48590.	670.	T(2,2)
87	140 - 139	C1= 1.000	0.0	2933.6	2933.6	48590.	670.	T(2,2)
		C2= 1.000	0.0	1787.3	1787.3	48590.	670.	T(2,2)
88	139 - 34	C1= 1.000	0.0	1787.3	1787.3	48590.	670.	T(2,2)
		C2= 1.000	0.0	788.9	788.9	48590.	670.	T(2,2)
89	34 - 35	C1= 1.214	0.0	788.9	1872.4	48590.	670.	T(2,2)
		C2= 2.374	0.0	615.6	1461.2	48590.	670.	T(2,2)
			0.0	495.3	1175.6	48590.	670.	T(2,2)
90	35 - 138	C1= 1.000	0.0	495.3	495.3	48590.	670.	T(2,2)
		C2= 1.000	0.0	433.9	433.9	48590.	670.	T(2,2)
91	135 - 134	C1= 1.000	0.0	354.0	354.0	48590.	670.	T(2,2)
		C2= 1.000	0.0	493.9	493.9	48590.	670.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
92	134 - 130	C1= 1.000	0.0	493.9	493.9	48590.	670.	T(2,2)
		C2= 1.000	0.0	749.4	749.4	48590.	670.	T(2,2)
93	96 - 36	I*= 0.500	0.0	8802.8	8802.8	26606.	350.	T(2,2)
		I= 1.000	0.0	8367.7	8367.7	26606.	350.	T(2,2)
94	36 - 37	I*= 0.500	0.0	8367.7	18957.6	26606.	350.	T(2,2)
		I= 2.266	0.0	7680.0	17399.7	26606.	350.	T(2,2)
			0.0	6805.5	15418.4	26606.	350.	T(2,2)
95	37 - 166	I*= 0.500	0.0	6805.5	6805.5	26606.	350.	T(2,2)
		I= 1.000	0.0	9961.6	9961.6	26606.	350.	T(2,2)
96	168 - 169	I*= 0.500	0.0	10262.5	10262.5	26606.	350.	T(2,2)
		I= 1.000	0.0	9297.1	9297.1	26606.	350.	T(2,2)
97	169 - 170	I*= 0.500	0.0	9297.1	9297.1	26606.	350.	T(2,2)
		I= 1.000	0.0	6514.8	6514.8	26606.	350.	T(2,2)
98	170 - 171	I*= 0.500	0.0	0.0	0.0	26606.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26606.	350.	T(2,2)
99	171 - 172	I*= 0.500	0.0	0.0	0.0	26606.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26606.	350.	T(2,2)
100	172 - 173	I*= 0.500	0.0	0.0	0.0	26606.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26606.	350.	T(2,2)
101	173 - 174	I*= 0.500	0.0	0.0	0.0	26606.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26606.	350.	T(2,2)
102	170 - 175	I*= 0.500	0.0	6514.8	6514.8	26606.	350.	T(2,2)
		I= 1.000	0.0	6368.0	6368.0	26606.	350.	T(2,2)
103	175 - 39	I*= 0.500	0.0	6368.0	6368.0	26606.	350.	T(2,2)
		I= 1.000	0.0	6337.0	6337.0	26606.	350.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
104	39 - 40	I*= 0.500	0.0	6337.0	14357.1	26606.	350.	T(2,2)
		I= 2.266	0.0	6063.9	13738.2	26606.	350.	T(2,2)
			0.0	5393.4	12219.2	26606.	350.	T(2,2)
105	40 - 176	I*= 0.500	0.0	5393.4	5393.4	26606.	350.	T(2,2)
		I= 1.000	0.0	5085.8	5085.8	26606.	350.	T(2,2)
106	176 - 41	I*= 0.500	0.0	5085.8	5085.8	26606.	350.	T(2,2)
		I= 1.000	0.0	4843.9	4843.9	26606.	350.	T(2,2)
107	41 - 42	I*= 0.500	0.0	4843.9	10974.2	26606.	350.	T(2,2)
		I= 2.266	0.0	4167.8	9442.4	26606.	350.	T(2,2)
			0.0	3020.4	6842.9	26606.	350.	T(2,2)
108	42 - 43	I*= 0.500	0.0	3020.4	3020.4	26606.	350.	T(2,2)
		I= 1.000	0.0	669.7	669.7	26606.	350.	T(2,2)
109	43 - 44	I*= 0.500	0.0	669.7	1517.2	26606.	350.	T(2,2)
		I= 2.266	0.0	1324.4	3000.6	26606.	350.	T(2,2)
			0.0	1948.5	4414.4	26606.	350.	T(2,2)
110	44 - 177	I*= 0.500	0.0	1948.5	1948.5	26606.	350.	T(2,2)
		I= 1.000	0.0	5730.7	5730.7	26606.	350.	T(2,2)
111	177 - 178	I*= 0.500	0.0	5730.7	5730.7	26606.	350.	T(2,2)
		I= 1.000	0.0	6391.1	6391.1	26606.	350.	T(2,2)
112	178 - 45	I*= 0.500	0.0	6391.1	6391.1	26606.	350.	T(2,2)
		I= 1.000	0.0	1820.0	1820.0	26606.	350.	T(2,2)
113	45 - 46	I*= 0.500	0.0	1820.0	4123.3	26606.	350.	T(2,2)
		I= 2.266	0.0	1764.7	3998.1	26606.	350.	T(2,2)
			0.0	1723.1	3903.8	26606.	350.	T(2,2)
114	46 - 179	I*= 0.500	0.0	1723.1	1723.1	26606.	350.	T(2,2)
		I= 1.000	0.0	1974.4	1974.4	26606.	350.	T(2,2)

STRESS ANALYSIS

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
115	179 - 180	I*= 0.500	0.0	1974.4	1974.4	26606.	350.	T(2,2)
		I= 1.000	0.0	3440.3	3440.3	26606.	350.	T(2,2)
116	180 - 181	I*= 0.500	0.0	3440.3	3440.3	26606.	350.	T(2,2)
		I= 1.000	0.0	3606.0	3606.0	26606.	350.	T(2,2)
117	181 - 182	I*= 0.500	0.0	3606.0	3606.0	26606.	350.	T(2,2)
		I= 1.000	0.0	5334.2	5334.2	26606.	350.	T(2,2)
118	182 - 183	I*= 0.500	0.0	1515.5	1515.5	26606.	350.	T(2,2)
		I= 1.000	0.0	1552.2	1552.2	26606.	350.	T(2,2)
119	183 - 59	I*= 0.500	0.0	1552.2	1552.2	26606.	350.	T(2,2)
		I= 1.000	0.0	1597.0	1597.0	26606.	350.	T(2,2)
120	59 - 184	I*= 0.500	0.0	8717.9	8717.9	26606.	350.	T(2,2)
		I= 1.000	0.0	8477.4	8477.4	26606.	350.	T(2,2)
121	59 - 185	I*= 0.500	0.0	4047.6	4047.6	26606.	350.	T(2,2)
		I= 1.000	0.0	4191.4	4191.4	26606.	350.	T(2,2)
122	185 - 47	I*= 0.500	0.0	4191.4	4191.4	26606.	350.	T(2,2)
		I= 1.000	0.0	4432.1	4432.1	26606.	350.	T(2,2)
123	47 - 48	I*= 0.500	0.0	4432.1	11546.1	26606.	350.	T(2,2)
		I= 2.605	0.0	4450.4	11593.6	26606.	350.	T(2,2)
			0.0	4351.9	11337.1	26606.	350.	T(2,2)
124	48 - 186	I*= 0.500	0.0	4351.9	4351.9	26606.	350.	T(2,2)
		I= 1.000	0.0	1483.9	1483.9	26606.	350.	T(2,2)
125	186 - 187	I*= 0.500	0.0	1483.9	1483.9	26606.	350.	T(2,2)
		I= 1.000	0.0	1191.7	1191.7	26606.	350.	T(2,2)
126	187 - 188	I*= 0.500	0.0	1191.7	1191.7	26606.	350.	T(2,2)
		I= 1.000	0.0	997.0	997.0	26606.	350.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
127	188 - 49	I*= 0.500	0.0	997.0	997.0	26606.	350.	T(2,2)
		I= 1.000	0.0	2420.4	2420.4	26606.	350.	T(2,2)
128	49 - 50	I*= 0.500	0.0	2420.4	6305.4	26606.	350.	T(2,2)
		I= 2.605	0.0	3139.4	8178.5	26606.	350.	T(2,2)
			0.0	4207.3	10960.4	26606.	350.	T(2,2)
129	50 - 189	I*= 0.500	0.0	4207.3	4207.3	26606.	350.	T(2,2)
		I= 1.000	0.0	4474.7	4474.7	26606.	350.	T(2,2)
130	51 - 52	I*= 0.500	0.0	4749.7	12373.4	26606.	350.	T(2,2)
		I= 2.605	0.0	5622.1	14646.1	26606.	350.	T(2,2)
			0.0	5932.8	15455.6	26606.	350.	T(2,2)
131	52 - 53	I*= 0.500	0.0	5932.8	5932.8	26606.	350.	T(2,2)
		I= 1.000	0.0	5943.0	5943.0	26606.	350.	T(2,2)
132	184 - 58	I*= 0.500	0.0	8477.4	8477.4	26606.	350.	T(2,2)
		I= 1.000	0.0	8240.0	8240.0	26606.	350.	T(2,2)
133	58 - 57	I*= 0.500	0.0	8240.0	18668.3	26606.	350.	T(2,2)
		I= 2.266	0.0	8029.8	18192.2	26606.	350.	T(2,2)
			0.0	7710.4	17468.6	26606.	350.	T(2,2)
134	57 - 208	I*= 0.500	0.0	7710.4	7710.4	26606.	350.	T(2,2)
		I= 1.000	0.0	7490.9	7490.9	26606.	350.	T(2,2)
135	208 - 207	I*= 0.500	0.0	7490.9	7490.9	26606.	350.	T(2,2)
		I= 1.000	0.0	1567.6	1567.6	26606.	350.	T(2,2)
136	207 - 206	I*= 0.500	0.0	1567.6	1567.6	26606.	350.	T(2,2)
		I= 1.000	0.0	2643.8	2643.8	26606.	350.	T(2,2)
137	206 - 205	I*= 0.500	0.0	1460.7	1460.7	26606.	350.	T(2,2)
		I= 1.000	0.0	213.7	213.7	26606.	350.	T(2,2)

STRESS ANALYSIS

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
138	205 - 204	I*= 0.500	0.0	213.7	213.7	26606.	350.	T(2,2)
		I= 1.000	0.0	251.1	251.1	26606.	350.	T(2,2)
139	204 - 203	I*= 0.500	0.0	251.1	251.1	26606.	350.	T(2,2)
		I= 1.000	0.0	328.8	328.8	26606.	350.	T(2,2)
140	203 - 202	I*= 0.500	0.0	328.8	328.8	26606.	350.	T(2,2)
		I= 1.000	0.0	310.6	310.6	26606.	350.	T(2,2)
			0.0	612.7	612.7	26606.	350.	T(2,2)
141	202 - 201	I*= 0.500	0.0	612.7	612.7	26606.	350.	T(2,2)
		I= 1.000	0.0	940.5	940.5	26606.	350.	T(2,2)
142	201 - 200	I*= 0.500	0.0	940.5	940.5	26606.	350.	T(2,2)
		I= 1.000	0.0	1501.8	1501.8	26606.	350.	T(2,2)
143	200 - 199	I*= 0.500	0.0	3714.8	3714.8	26606.	350.	T(2,2)
		I= 1.000	0.0	4828.4	4828.4	26606.	350.	T(2,2)
144	199 - 56	I*= 0.500	0.0	4828.4	4828.4	26606.	350.	T(2,2)
		I= 1.000	0.0	5560.4	5560.4	26606.	350.	T(2,2)
145	56 - 55	I*= 0.500	0.0	5560.4	12597.6	26606.	350.	T(2,2)
		I= 2.266	0.0	5924.0	13421.2	26606.	350.	T(2,2)
			0.0	5762.1	13054.4	26606.	350.	T(2,2)
146	55 - 252	I*= 0.500	0.0	5762.1	5762.1	26606.	350.	T(2,2)
		I= 1.000	0.0	4911.5	4911.5	26606.	350.	T(2,2)
147	196 - 193	I*= 0.500	0.0	3691.7	3691.7	26606.	350.	T(2,2)
		I= 1.000	0.0	9626.9	9626.9	26606.	350.	T(2,2)
148	103 - 60	I*= 0.500	0.0	7455.8	7455.8	26606.	350.	T(2,2)
		I= 1.000	0.0	7364.6	7364.6	26606.	350.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
149	60 - 61	I*= 0.500	0.0	7364.6	19185.5	26606.	350.	T(2,2)
		I= 2.605	0.0	7560.6	19696.0	26606.	350.	T(2,2)
			0.0	6875.8	17912.2	26606.	350.	T(2,2)
150	61 - 209	I*= 0.500	0.0	6875.8	6875.8	26606.	350.	T(2,2)
		I= 1.000	0.0	5028.2	5028.2	26606.	350.	T(2,2)
151	212 - 213	I*= 0.500	0.0	3696.1	3696.1	26628.	325.	T(2,2)
		I= 1.000	0.0	4835.4	4835.4	26628.	325.	T(2,2)
152	213 - 62	I*= 0.500	0.0	4835.4	4835.4	26650.	300.	T(2,2)
		I= 1.000	0.0	5703.7	5703.7	26650.	300.	T(2,2)
153	62 - 63	I*= 0.500	0.0	5703.7	14858.6	26650.	300.	T(2,2)
		I= 2.605	0.0	6240.2	16256.4	26650.	300.	T(2,2)
			0.0	5701.5	14852.8	26650.	300.	T(2,2)
154	63 - 64	I*= 0.500	0.0	5701.5	5701.5	26650.	300.	T(2,2)
		I= 1.000	0.0	10106.3	10106.3	26650.	300.	T(2,2)
155	64 - 65	I*= 0.500	0.0	10106.3	26327.8	26650.	300.	T(2,2)
		I= 2.605	0.0	11070.0	28838.3	26650.	300.	T(2,2)
			0.0	10270.8	26756.5	26650.	300.	FAIL T(2,2)
156	65 - 66	I*= 0.500	0.0	10270.8	10270.8	26650.	300.	T(2,2)
		I= 1.000	0.0	8468.6	8468.6	26650.	300.	T(2,2)
157	66 - 67	I*= 0.500	0.0	8468.6	22061.5	26650.	300.	T(2,2)
		I= 2.605	0.0	8485.2	22104.8	26650.	300.	T(2,2)
			0.0	7531.8	19621.0	26650.	300.	T(2,2)
158	67 - 214	I*= 0.500	0.0	7531.8	7531.8	26650.	300.	T(2,2)
		I= 1.000	0.0	7165.9	7165.9	26650.	300.	T(2,2)
159	214 - 68	I*= 0.500	0.0	7165.9	7165.9	26650.	300.	T(2,2)
		I= 1.000	0.0	7697.5	7697.5	26650.	300.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	0.0	7697.5	20052.8	26650.	300.	T(2,2)
		I= 2.605	0.0	8149.3	21229.6	26650.	300.	T(2,2)
			0.0	8776.9	22864.6	26650.	300.	T(2,2)
161	69 - 215	I*= 0.500	0.0	8776.9	8776.9	26650.	300.	T(2,2)
		I= 1.000	0.0	14243.5	14243.5	26650.	300.	T(2,2)
162	215 - 70	I*= 0.500	0.0	14243.5	14243.5	26650.	300.	T(2,2)
		I= 1.000	0.0	15950.8	15950.8	26650.	300.	T(2,2)
163	70 - 216	I*= 0.500	0.0	11386.8	11386.8	26650.	300.	T(2,2)
		I= 1.000	0.0	10741.5	10741.5	26650.	300.	T(2,2)
164	70 - 217	I*= 0.500	0.0	10148.7	10148.7	26650.	300.	T(2,2)
		I= 1.000	0.0	9599.6	9599.6	26650.	300.	T(2,2)
165	217 - 71	I*= 0.500	0.0	9599.6	27477.7	26650.	300.	T(2,2)
		I= 2.862	0.0	9278.0	26557.4	26650.	300.	T(2,2)
			0.0	8939.7	25588.9	26650.	300.	FAIL T(2,2)
166	71 - 72	I*= 0.500	0.0	8939.7	25588.9	26650.	300.	T(2,2)
		I= 2.862	0.0	8654.3	24772.1	26650.	300.	T(2,2)
			0.0	8495.8	24318.4	26650.	300.	T(2,2)
167	72 - 218	I*= 0.500	0.0	8495.8	8495.8	26650.	300.	T(2,2)
		I= 1.000	0.0	8506.2	8506.2	26650.	300.	T(2,2)
168	218 - 219	I*= 0.500	0.0	8506.2	8506.2	26650.	300.	T(2,2)
		I= 1.000	0.0	1387.7	1387.7	26650.	300.	T(2,2)
169	222 - 223	I*= 0.500	0.0	1150.1	1150.1	26650.	300.	T(2,2)
		I= 1.000	0.0	1300.3	1300.3	26650.	300.	T(2,2)
170	226 - 73	I*= 0.500	0.0	1574.1	1574.1	26650.	300.	T(2,2)
		I= 1.000	0.0	1882.2	1882.2	26650.	300.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
171	73 - 74	I*= 0.500	0.0	1882.2	5387.5	26650.	300.	T(2,2)
		I= 2.862	0.0	2895.0	8286.6	26650.	300.	T(2,2)
			0.0	3198.3	9154.8	26650.	300.	T(2,2)
172	74 - 227	I*= 0.500	0.0	3198.3	3198.3	26650.	300.	T(2,2)
		I= 1.000	0.0	2792.9	2792.9	26650.	300.	T(2,2)
173	227 - 75	I*= 0.500	0.0	2792.9	2792.9	26650.	300.	T(2,2)
		I= 1.000	0.0	2205.4	2205.4	26650.	300.	T(2,2)
174	216 - 228	I*= 0.500	0.0	10741.5	10741.5	26650.	300.	T(2,2)
		I= 1.000	0.0	9883.2	9883.2	26650.	300.	T(2,2)
175	228 - 76	I*= 0.500	0.0	9883.2	9883.2	26650.	300.	T(2,2)
		I= 1.000	0.0	7781.8	7781.8	26650.	300.	T(2,2)
176	76 - 77	I*= 0.500	0.0	9667.6	9667.6	26650.	300.	T(2,2)
		I= 1.000	0.0	2189.0	2189.0	26650.	300.	T(2,2)
177	77 - 78	I*= 0.500	0.0	2189.0	6265.8	26650.	300.	T(2,2)
		I= 2.862	0.0	6175.3	17676.0	26650.	300.	T(2,2)
			0.0	8464.8	24229.5	26650.	300.	T(2,2)
178	78 - 231	I*= 0.500	0.0	8464.8	8464.8	26650.	300.	T(2,2)
		I= 1.000	0.0	8557.2	8557.2	26650.	300.	T(2,2)
179	231 - 232	I*= 0.500	0.0	8557.2	8557.2	26650.	300.	T(2,2)
		I= 1.000	0.0	2484.5	2484.5	26650.	300.	T(2,2)
180	235 - 79	I*= 0.500	0.0	2607.0	2607.0	26650.	300.	T(2,2)
		I= 1.000	0.0	2749.9	2749.9	26650.	300.	T(2,2)
181	79 - 80	I*= 0.500	0.0	2749.9	7871.2	26650.	300.	T(2,2)
		I= 2.862	0.0	1757.3	5030.2	26650.	300.	T(2,2)
			0.0	4494.9	12866.2	26650.	300.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
182	80 - 81	I*= 0.500	0.0	4494.9	4494.9	26650.	300.		T(2,2)
		I= 1.000	0.0	9317.7	9317.7	26650.	300.		T(2,2)
183	76 - 229	I*= 0.500	0.0	28782.9	28782.9	26650.	300.		T(2,2)
		I= 1.000	0.0	26462.6	26462.6	26650.	300.	FAIL	T(2,2)
184	229 - 230	I*= 0.500	0.0	26462.6	26462.6	26650.	300.		T(2,2)
		I= 1.000	0.0	25006.9	25006.9	26650.	300.		T(2,2)
185	230 - 236	I*= 0.500	0.0	25006.9	25006.9	26650.	300.		T(2,2)
		I= 1.000	0.0	14278.5	14278.5	26650.	300.		T(2,2)
186	236 - 237	I*= 0.500	0.0	14278.5	14278.5	26650.	300.		T(2,2)
		I= 1.000	0.0	14893.6	14893.6	26650.	300.		T(2,2)
187	240 - 82	I*= 0.500	0.0	22569.4	22569.4	26650.	300.		T(2,2)
		I= 1.000	0.0	23224.1	23224.1	26650.	300.		T(2,2)
188	82 - 83	I*= 0.500	0.0	23224.1	45341.6	26650.	300.		T(2,2)
		I= 1.952	0.0	22960.1	44826.3	26650.	300.		T(2,2)
			0.0	16765.2	32731.6	26650.	300.	FAIL	T(2,2)
189	83 - 84	I*= 0.500	0.0	16765.2	16765.2	26650.	300.		T(2,2)
		I= 1.000	0.0	15160.5	15160.5	26650.	300.		T(2,2)
190	84 - 85	I*= 0.500	0.0	15160.5	29598.6	26650.	300.		T(2,2)
		I= 1.952	0.0	21312.1	41608.7	26650.	300.		T(2,2)
			0.0	21510.6	41996.2	26650.	300.	FAIL	T(2,2)
191	85 - 241	I*= 0.500	0.0	21510.6	21510.6	26650.	300.		T(2,2)
		I= 1.000	0.0	9187.5	9187.5	26650.	300.		T(2,2)
192	241 - 86	I*= 0.500	0.0	9187.5	9187.5	26650.	300.		T(2,2)
		I= 1.000	0.0	11853.4	11853.4	26650.	300.		T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
193	86 - 242	I*= 0.500	0.0	10566.9	10566.9	26650.	300.	T(2,2)
		I= 1.000	0.0	10632.8	10632.8	26650.	300.	T(2,2)
194	86 - 243	I*= 0.500	0.0	8003.7	8003.7	26650.	300.	T(2,2)
		I= 1.000	0.0	9187.2	9187.2	26650.	300.	T(2,2)
195	242 - 87	I*= 0.500	0.0	10632.8	20758.9	26650.	300.	T(2,2)
		I= 1.952	0.0	12279.5	23973.8	26650.	300.	T(2,2)
			0.0	11760.4	22960.5	26650.	300.	T(2,2)
196	87 - 88	I*= 0.500	0.0	11760.4	22960.5	26650.	300.	T(2,2)
		I= 1.952	0.0	8871.8	17320.8	26650.	300.	T(2,2)
			0.0	5832.3	11386.7	26650.	300.	T(2,2)
197	88 - 244	I*= 0.500	0.0	5832.3	5832.3	26650.	300.	T(2,2)
		I= 1.000	0.0	6313.5	6313.5	26650.	300.	T(2,2)
198	247 - 89	I*= 0.500	0.0	40287.5	40287.5	26650.	300.	T(2,2)
		I= 1.000	0.0	46460.0	46460.0	26650.	300.	FAIL T(2,2)
199	243 - 90	I*= 0.500	0.0	9187.2	17936.7	26650.	300.	T(2,2)
		I= 1.952	0.0	12299.6	24013.2	26650.	300.	T(2,2)
			0.0	13395.3	26152.4	26650.	300.	T(2,2)
200	90 - 91	I*= 0.500	0.0	13395.3	26152.4	26650.	300.	T(2,2)
		I= 1.952	0.0	11954.7	23339.8	26650.	300.	T(2,2)
			0.0	8570.6	16732.9	26650.	300.	T(2,2)
201	91 - 248	I*= 0.500	0.0	8570.6	8570.6	26650.	300.	T(2,2)
		I= 1.000	0.0	7231.5	7231.5	26650.	300.	T(2,2)
202	251 - 92	I*= 0.500	0.0	26963.4	26963.4	26650.	300.	T(2,2)
		I= 1.000	0.0	31720.0	31720.0	26650.	300.	FAIL T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
203	160 - 31	I*= 0.500	0.0	8152.6	8152.6	26606.	350.	T(2,2)
		I= 1.000	0.0	8230.0	8230.0	26606.	350.	T(2,2)
			0.0	8304.3	8304.3	26606.	350.	T(2,2)
204	189 - 51	I*= 0.500	0.0	4474.7	4474.7	26606.	350.	T(2,2)
		I= 1.000	0.0	4749.7	4749.7	26606.	350.	T(2,2)
205	200 - 206	I*= 0.500	0.0	3694.6	3694.6	26606.	350.	T(2,2)
		I= 1.000	0.0	2624.4	2624.4	26606.	350.	T(2,2)
206	104 - 105	C1= 1.000	0.0	1703.2	1703.2	48590.	670.	T(2,2)
		C2= 1.000	0.0	1874.3	1874.3	48590.	670.	T(2,2)
207	105 - 106	C1= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
208	105 - 107	C1= 1.000	0.0	1874.3	1874.3	48590.	670.	T(2,2)
		C2= 1.000	0.0	2050.5	2050.5	48590.	670.	T(2,2)
209	111 - 112	C1= 1.000	0.0	179.9	179.9	48590.	670.	T(2,2)
		C2= 1.000	0.0	129.4	129.4	48590.	670.	T(2,2)
210	112 - 113	C1= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
211	112 - 114	C1= 1.000	0.0	129.4	129.4	48590.	670.	T(2,2)
		C2= 1.000	0.0	78.9	78.9	48590.	670.	T(2,2)
212	125 - 126	C1= 1.000	0.0	2013.3	2013.3	48590.	670.	T(2,2)
		C2= 1.000	0.0	1993.8	1993.8	48590.	670.	T(2,2)
213	126 - 127	C1= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
214	126 - 128	C1= 1.000	0.0	1993.8	1993.8	48590.	670.	T(2,2)
		C2= 1.000	0.0	1995.6	1995.6	48590.	670.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
215	135 - 136	C1= 1.000	0.0	238.9	238.9	48590.	670.	T(2,2)
		C2= 1.000	0.0	195.6	195.6	48590.	670.	T(2,2)
216	136 - 137	C1= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
217	136 - 138	C1= 1.000	0.0	195.6	195.6	48590.	670.	T(2,2)
		C2= 1.000	0.0	292.8	292.8	48590.	670.	T(2,2)
218	144 - 145	C1= 1.000	0.0	185.5	185.5	48590.	670.	T(2,2)
		C2= 1.000	0.0	133.4	133.4	48590.	670.	T(2,2)
219	145 - 146	C1= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
220	145 - 147	C1= 1.000	0.0	133.4	133.4	48590.	670.	T(2,2)
		C2= 1.000	0.0	81.3	81.3	48590.	670.	T(2,2)
221	153 - 154	I*= 0.500	0.0	0.0	0.0	29844.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29844.	350.	T(2,2)
222	156 - 157	C1= 1.000	0.0	2348.8	2348.8	48590.	670.	T(2,2)
		C2= 1.000	0.0	2258.6	2258.6	48590.	670.	T(2,2)
223	157 - 158	C1= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	48590.	670.	T(2,2)
224	157 - 159	C1= 1.000	0.0	2258.6	2258.6	48590.	670.	T(2,2)
		C2= 1.000	0.0	2174.3	2174.3	48590.	670.	T(2,2)
225	166 - 38	I*= 0.500	0.0	2193.6	2193.6	26606.	350.	T(2,2)
		I= 1.000	0.0	2392.1	2392.1	26606.	350.	T(2,2)
226	38 - 167	I*= 0.500	0.0	0.0	0.0	26606.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26606.	350.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
227	38 - 168	I*= 0.500	0.0	2392.1	2392.1	26606.	350.	T(2,2)
		I= 1.000	0.0	2259.8	2259.8	26606.	350.	T(2,2)
228	198 - 54	I*= 0.500	0.0	1011.1	1011.1	26606.	350.	T(2,2)
		I= 1.000	0.0	976.9	976.9	26606.	350.	T(2,2)
229	54 - 197	I*= 0.500	0.0	0.0	0.0	26606.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26606.	350.	T(2,2)
230	54 - 196	I*= 0.500	0.0	976.9	976.9	26606.	350.	T(2,2)
		I= 1.000	0.0	812.9	812.9	26606.	350.	T(2,2)
231	209 - 210	I*= 0.500	0.0	1228.5	1228.5	26606.	350.	T(2,2)
		I= 1.000	0.0	1043.7	1043.7	26606.	350.	T(2,2)
232	210 - 211	I*= 0.500	0.0	0.0	0.0	26606.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26606.	350.	T(2,2)
233	210 - 212	I*= 0.500	0.0	1043.7	1043.7	26606.	350.	T(2,2)
		I= 1.000	0.0	903.0	903.0	26606.	350.	T(2,2)
234	219 - 220	I*= 0.500	0.0	382.3	382.3	26650.	300.	T(2,2)
		I= 1.000	0.0	347.3	347.3	26650.	300.	T(2,2)
235	220 - 221	I*= 0.500	0.0	0.0	0.0	26650.	300.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26650.	300.	T(2,2)
236	220 - 222	I*= 0.500	0.0	347.3	347.3	26650.	300.	T(2,2)
		I= 1.000	0.0	316.9	316.9	26650.	300.	T(2,2)
237	223 - 224	I*= 0.500	0.0	358.2	358.2	26650.	300.	T(2,2)
		I= 1.000	0.0	394.4	394.4	26650.	300.	T(2,2)
238	224 - 225	I*= 0.500	0.0	0.0	0.0	26650.	300.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26650.	300.	T(2,2)

STRESS ANALYSIS

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
239	224 - 226	I*= 0.500	0.0	394.4	394.4	26650.	300.	T(2,2)
		I= 1.000	0.0	433.6	433.6	26650.	300.	T(2,2)
240	232 - 233	I*= 0.500	0.0	684.5	684.5	26650.	300.	T(2,2)
		I= 1.000	0.0	701.2	701.2	26650.	300.	T(2,2)
241	233 - 234	I*= 0.500	0.0	0.0	0.0	26650.	300.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26650.	300.	T(2,2)
242	233 - 235	I*= 0.500	0.0	701.2	701.2	26650.	300.	T(2,2)
		I= 1.000	0.0	718.2	718.2	26650.	300.	T(2,2)
243	244 - 245	I*= 0.500	0.0	1678.3	1678.3	26650.	300.	T(2,2)
		I= 1.000	0.0	5837.9	5837.9	26650.	300.	T(2,2)
244	245 - 246	I*= 0.500	0.0	0.0	0.0	26650.	300.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26650.	300.	T(2,2)
245	245 - 247	I*= 0.500	0.0	5837.9	5837.9	26650.	300.	T(2,2)
		I= 1.000	0.0	10709.6	10709.6	26650.	300.	T(2,2)
246	248 - 249	I*= 0.500	0.0	1922.3	1922.3	26650.	300.	T(2,2)
		I= 1.000	0.0	3520.1	3520.1	26650.	300.	T(2,2)
247	249 - 250	I*= 0.500	0.0	0.0	0.0	26650.	300.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26650.	300.	T(2,2)
248	249 - 251	I*= 0.500	0.0	3520.1	3520.1	26650.	300.	T(2,2)
		I= 1.000	0.0	7167.6	7167.6	26650.	300.	T(2,2)
249	237 - 238	I*= 0.500	0.0	3959.2	3959.2	26650.	300.	T(2,2)
		I= 1.000	0.0	4965.6	4965.6	26650.	300.	T(2,2)
250	238 - 239	I*= 0.500	0.0	0.0	0.0	26650.	300.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26650.	300.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
251	238 - 240	I*= 0.500	0.0	4965.6	4965.6	26650.	300.	T(2,2)
		I= 1.000	0.0	5999.6	5999.6	26650.	300.	T(2,2)
252	120 - 121	I*= 0.500	0.0	0.0	0.0	29844.	350.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29844.	350.	T(2,2)
253	252 - 198	I*= 0.500	0.0	4911.5	4911.5	26606.	350.	T(2,2)
		I= 1.000	0.0	4591.8	4591.8	26606.	350.	T(2,2)

STRESS ANALYSIS

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** DESIGN TEMP** ****

COMP. NO.	COMPONENT TYPE					FAILURE FLAG
		NODE=	182	B1= 1.000	D1= 6.625	
		NA=	0	B2= 1.000	D2= 10.750	
15	CON. REDUCER	NB=	0	C1= 1.000	T1= 0.280	
	PER 816.9	NC=	0	C2= 1.000	T2= 0.365	
		INDEXO=	4	I= 1.278		

PRESSURE STRESS	MOMENT STRESS(*)	CALCULATED STRESS	ALLOWABLE STRESS	
0.0	5118.74	6543.16	26606.25	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122	
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 4		IR= 2.082	IB= 2.082	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	9230.8	19218.9	26606.2	T(2,2)
RUN	0.0	3746.3	7799.9	26606.2	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -33280.8	M2= -9444.1	M3= 175672.2
	(R-2)	M1= 48266.1	M2= -53280.9	M3=-225870.2
	(BR)	M1= -14985.2	M2= 62725.0	M3= 50198.0
MAX. BR. LOAD	(R-1)	M1= -33280.8	M2= -9444.1	M3= 175672.2
	(R-2)	M1= 48266.1	M2= -53280.9	M3=-225870.2
	(BR)	M1= -14985.2	M2= 62725.0	M3= 50198.0

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 9	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122	
2	BUTT WELD TEE	NB= 102	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162	
		INDEXO= 4		IR= 2.082	IB= 2.082	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	7971.5	16596.9	26606.2	T(2,2)
RUN	0.0	4735.4	9859.3	26606.2	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -70471.2	M2= 290898.6	M3= 13532.7
	(R-2)	M1= 92301.1	M2= -76314.6	M3= 105698.2
	(BR)	M1= -21829.8	M2=-214584.0	M3=-119230.9
MAX. BR. LOAD	(R-1)	M1= -70471.2	M2= 290898.6	M3= 13532.7
	(R-2)	M1= 92301.1	M2= -76314.6	M3= 105698.2
	(BR)	M1= -21829.8	M2=-214584.0	M3=-119230.9

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 14	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 130	DB= 14.000	B2R= 1.500	B2B= 1.500	
3	BUTT WELD TEE	NB= 131	TR= 1.406	C1R= 1.500	C1B= 1.500	
	PER 816.9	NC= 129	TB= 1.406	C2R= 2.000	C2B= 2.000	
		INDEXO= 2		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	2716.4	5432.9	48590.0	T(2,2)
RUN	0.0	555.4	1110.8	48590.0	T(2,2)
TOTAL			6543.7	48590.0	

MAX. RUN LOAD	(R-1)	M1= -5109.7	M2= 97140.9	M3= 109052.0
	(R-2)	M1= 248901.4	M2=-157808.2	M3= 294986.3
	(BR)	M1=-243791.7	M2= 60667.3	M3=-404038.3
MAX. BR. LOAD	(R-1)	M1= -5109.7	M2= 97140.9	M3= 109052.0
	(R-2)	M1= 248901.4	M2=-157808.2	M3= 294986.3
	(BR)	M1=-243791.7	M2= 60667.3	M3=-404038.3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 29	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 28	DB= 6.625	B2R= 3.122	B2B= 3.122	
4	BUTT WELD TEE	NB= 192	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER 816.9	NC= 193	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 4		IR= 2.082	IB= 2.082	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	10284.5	21412.7	26606.2	T(2,2)
RUN	0.0	1841.4	3833.8	26606.2	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 83946.5	M2= -72823.7	M3= 34979.4
	(R-2)	M1= -221.0	M2= 84206.5	M3= -68906.6
	(BR)	M1= -83725.5	M2= -11382.8	M3= 33927.2
MAX. BR. LOAD	(R-1)	M1= 83946.5	M2= -72823.7	M3= 34979.4
	(R-2)	M1= -221.0	M2= 84206.5	M3= -68906.6
	(BR)	M1= -83725.5	M2= -11382.8	M3= 33927.2

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	
		INDEXO= 4		IR= 1.968	IB= 1.968	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	8365.7	16462.6	26606.2	T(2,2)
RUN	0.0	3915.0	7704.3	26606.2	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -7458.3	M2= -46577.4	M3= 7452.5
	(R-2)	M1= 13800.9	M2= 115074.0	M3= -34903.7
	(BR)	M1= -6342.6	M2= -68496.6	M3= 27451.2
MAX. BR. LOAD	(R-1)	M1= -7458.3	M2= -46577.4	M3= 7452.5
	(R-2)	M1= 13800.9	M2= 115074.0	M3= -34903.7
	(BR)	M1= -6342.6	M2= -68496.6	M3= 27451.2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	
6	BUTT WELD TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	FAIL
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	
		INDEXO= 4		IR= 2.172	IB= 2.172	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	15428.2	33515.6	26650.0	T(2,2)
RUN	0.0	11062.0	24030.7	26650.0	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 16700.6	M2= 391071.9	M3= 211022.2
	(R-2)	M1= 51882.7	M2=-422696.0	M3= 259953.2
	(BR)	M1= -68583.3	M2= 31624.1	M3=-470975.4
MAX. BR. LOAD	(R-1)	M1= 16700.6	M2= 391071.9	M3= 211022.2
	(R-2)	M1= 51882.7	M2=-422696.0	M3= 259953.2
	(BR)	M1= -68583.3	M2= 31624.1	M3=-470975.4

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000		
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173		
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898		
		INDEXO= 4		IR= 1.450	IB= 1.450		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	11263.9	16327.5	26650.0	T(2,2)
RUN	0.0	10041.3	14555.4	26650.0	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -3084.1	M2= 1956.8	M3= 33770.2
	(R-2)	M1= 22604.8	M2= -12001.5	M3= -2627.6
	(BR)	M1= -19520.6	M2= 10044.7	M3= -31142.7
MAX. BR. LOAD	(R-1)	M1= -3084.1	M2= 1956.8	M3= 33770.2
	(R-2)	M1= 22604.8	M2= -12001.5	M3= -2627.6
	(BR)	M1= -19520.6	M2= 10044.7	M3= -31142.7

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125		
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500		
		INDEXO= 2		IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	465.6	698.3	48590.0	T(2,2)
RUN	0.0	3083.5	3083.5	48590.0	T(2,2)
TOTAL			3781.9	48590.0	

MAX. RUN LOAD	(R-1)	M1= -62168.8	M2= 30828.4	M3=-535768.9
	(R-2)	M1= 60667.3	M2= -30828.4	M3= 535768.9
	(BR)	M1= 1501.6	M2= 0.0	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= -62168.8	M2= 30828.4	M3=-535768.9
	(R-2)	M1= 60667.3	M2= -30828.4	M3= 535768.9
	(BR)	M1= 1501.6	M2= 0.0	M3= 0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 2		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	480.1	720.1	48590.0	T(2,2)
RUN	0.0	2925.8	2925.8	48590.0	T(2,2)
TOTAL			3646.0	48590.0	

MAX. RUN LOAD	(R-1)	M1= -20368.4	M2= -20754.7	M3=-511623.1
	(R-2)	M1= 21916.8	M2= 20754.8	M3= 511623.1
	(BR)	M1= -1548.4	M2= -0.1	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= -20368.4	M2= -20754.7	M3=-511623.1
	(R-2)	M1= 21916.8	M2= 20754.8	M3= 511623.1
	(BR)	M1= -1548.4	M2= -0.1	M3= 0.0

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 4		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	29843.7	T(2,2)
RUN	0.0	43.5	43.5	29843.7	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -0.0	M2= -0.0	M3= -140.3
	(R-2)	M1= 0.0	M2= 0.0	M3= 140.3
	(BR)	M1= -0.0	M2= -0.0	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= -0.0	M2= -0.0	M3= -140.3
	(R-2)	M1= 0.0	M2= 0.0	M3= 140.3
	(BR)	M1= -0.0	M2= -0.0	M3= 0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 149	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 148	DB= 1.315	B2R= 1.000	B2B= 1.412	
11	BRANCH CONNECT.	NB= 150	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER N8-3643	NC= 151	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 4		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	29843.7	T(2,2)
RUN	0.0	44.8	44.8	29843.7	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 0.0	M2= -0.0	M3= 144.6
	(R-2)	M1= -0.0	M2= 0.0	M3= -144.6
	(8R)	M1= -0.0	M2= 0.0	M3= 0.0
MAX. 8R. LOAD	(R-1)	M1= 0.0	M2= -0.0	M3= 144.6
	(R-2)	M1= -0.0	M2= 0.0	M3= -144.6
	(BR)	M1= -0.0	M2= 0.0	M3= 0.0

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 170	DR= 6.625	B1R= 1.000	B1B= 1.000	
		NA= 169	DB= 1.315	B2R= 1.000	B2B= 2.090	
12	BRANCH CONNECT.	NB= 175	TR= 0.280	C1R= 2.000	C1B= 2.000	
	PER N8-3643	NC= 171	TB= 0.133	C2R= 1.000	C2B= 2.787	
		INDEXO= 4		IR= 1.393	IB= 1.393	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	26606.2	T(2,2)
RUN	0.0	6251.6	8711.5	26606.2	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 25637.2	M2= 15327.7	M3= 46595.8
	(R-2)	M1= -25637.2	M2= -15327.7	M3= -46595.8
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0
MAX. BR. LOAD	(R-1)	M1= 25637.2	M2= 15327.7	M3= 46595.8
	(R-2)	M1= -25637.2	M2= -15327.7	M3= -46595.8
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 200	DR= 6.625	B1R= 1.000	B1B= 1.000	
		NA= 199	DB= 1.315	B2R= 1.000	B2B= 2.090	
13	BRANCH CONNECT.	NB= 206	TR= 0.280	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 201	TB= 0.133	C2R= 1.000	C2B= 2.787	
		INDEXO= 4		IR= 1.393	IB= 1.393	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	1367.0	1904.9	26606.2	T(2,2)
RUN	0.0	3564.7	4967.4	26606.2	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 6639.1	M2= -21082.9	M3= 22527.2
	(R-2)	M1= -6612.4	M2= 21040.7	M3= -22334.0
	(BR)	M1= -26.7	M2= 42.2	M3= -193.1
MAX. BR. LOAD	(R-1)	M1= 6639.1	M2= -21082.9	M3= 22527.2
	(R-2)	M1= -6612.4	M2= 21040.7	M3= -22334.0
	(BR)	M1= -26.7	M2= 42.2	M3= -193.1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 76	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 228	DB= 4.500	B2R= 1.340	B2B= 3.949	
14	BRANCH CONNECT.	NB= 77	TR= 0.375	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 229	TB= 0.237	C2R= 1.786	C2B= 5.265	
		INDEXO= 4		IR= 2.633	IB= 2.633	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	27351.3	72006.3	26650.0	T(2,2)
RUN	0.0	9391.9	24725.6	26650.0	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -51882.7	M2= 154979.9	M3= 299256.1
	(R-2)	M1= 43492.0	M2=-156100.0	M3=-391390.4
	(BR)	M1= 8390.7	M2= 1120.1	M3= 92134.3
MAX. BR. LOAD	(R-1)	M1= -51882.7	M2= 154979.9	M3= 299256.1
	(R-2)	M1= 43492.0	M2=-156100.0	M3=-391390.4
	(BR)	M1= 8390.7	M2= 1120.1	M3= 92134.3

ENCLOSURE TO 80ETEC-DRF-4594

A P P E N D I X B

COMPUTER JOB NO. 7253

Load Case 1: Weight + Pressure (Normal 1B)

Load Case 2: Thermal Expansion (Normal 1B)

Load Case 3: Wt. + Press. (Normal 1B) + 1/2SSE X,Y,Z (Hot Leg), Case 1 Snubber K's

Load Case 4: 1/2SSE X,Y,Z (Hot Leg), Case 1 Snubber K's

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 GGGGGGGGGG
GGGGGGGGGGGG
GG        GG
GG
GG
GG
GG     GGGGG
GG     GGGGG
GG        GG
GG        GG
GGGGGGGGGGGG
 GGGGGGGGGG


FFFFFFFFFFFF  TTTTTTTTTTTT    00000000     66666666666  FFFFFFFFFFFF    00000000      00000000          11
FFFFFFFFFFFF  TTTTTTTTTTTT   0000000000   666666666666  FFFFFFFFFFFF   0000000000    0000000000        111
FF                 TT       00        00  66           FF           00        00  00        00       1111
FF                 TT       00        00  66           FF           00        00  00        00         11
FF                 TT       00        00  66           FF           00        00  00        00         11
FFFFFFF            TT       00        00  66666666666  FFFFFFF      00        00  00        00         11
FFFFFFF            TT       00        00  666666666666 FFFFFFF      00        00  00        00         11
FF                 TT       00        00  66        66 FF           00        00  00        00         11
FF                 TT       00        00  66        66 FF           00        00  00        00         11
FF                 TT       00        00  66        66 FF           00        00  00        00         11
FF                 TT        0000000000  666666666666 FF            0000000000    0000000000    1111111111
FF                 TT         00000000    6666666666  FF             00000000      00000000     1111111111


                JOBNAME  WSS14RJP              JOB NUMBER  7253
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 SSSSSSSSSS     AAAAAAAAAA    PPPPPPPPPPP                    VV         VV
SSSSSSSSSSSS   AAAAAAAAAAAA   PPPPPPPPPPPP                   VV         VV
SS        SS   AA        AA   PP        PP                    VV       VV
SS             AA        AA   PP        PP                    VV       VV
SSS            AA        AA   PP        PP                     VV     VV
 SSSSSSSSS     AAAAAAAAAAAA   PPPPPPPPPPPP                    VV     VV
  SSSSSSSS     AAAAAAAAAAAA   PPPPPPPPPPP                      VV   VV
         SSS   AA        AA   PP                               VV   VV
          SS   AA        AA   PP                                VVVV
SS        SS   AA        AA   PP                                VVVV
SSSSSSSSSSSS   AA        AA   PP                                 VV
 SSSSSSSSSS    AA        AA   PP                                 VV
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USC VERSION JULY 4, 1976

10/02/80 21.236 HOURS

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

C O N T R O L I N F O R M A T I O N

```
PIPE STRESS OPTION CODE  =    3
NUMBER OF NODAL POINTS   =  311
NUMBER OF ELEMENT TYPES  =    3
NUMBER OF LOAD CASES     =    2
NUMBER OF FREQUENCIES    =   50
ANALYSIS CODE (NDYN)     =    0
  EQ.0,  STATIC
  EQ.1,  MODAL EXTRACTION
  EQ.2,  FORCED RESPONSE
  EQ.3,  RESPONSE SPECTRUM
  EQ.4,  DIRECT INTEGRATION
  EQ.5,  FREQUENCY RESPONSE
SOLUTION MODE (MODEX)    =    0
  EQ.0,  EXECUTION
  EQ.1,  DATA CHECK
NUMBER OF SUBSPACE
ITERATION VECTORS (NAD)  =    0
EQUATIONS PER BLOCK      =    0
TAPE10 SAVE FLAG (N10SV) =    0
GRAVITATIONAL CONSTANT   =  386.40
TOTAL BLANK COMMON (MTOT)=85000
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BANDWIDTH MINIMIZATION IS REQUESTED

REQUIRED BLANK COMMON FOR THIS STEP= 3733

NODAL POINT INPUT DATA

NODE	BOUNDARY CONDITION CODES						NODAL POINT COORDINATES				
NUMBER	X	Y	Z	XX	YY	ZZ	X	Y	Z		T
1	1	1	1	1	1	1	-1437.236	7482.000	861.256	0	350.000
2	0	0	0	0	0	0	-1463.281	7482.000	764.060	0	350.000
3	0	0	0	0	0	0	-1466.904	7496.000	750.537	0	350.000
4	0	0	0	0	0	0	-1466.904	7514.000	750.537	0	350.000
5	0	0	0	0	0	0	-1461.495	7528.849	747.607	0	350.000
6	0	0	0	0	0	0	-1438.764	7535.000	735.300	0	350.000
7	0	0	0	0	0	0	-1393.166	7535.000	710.612	0	350.000
8	0	0	0	0	0	0	-1294.749	7535.000	637.227	0	350.000
9	0	0	0	0	0	0	-1214.175	7535.000	556.653	0	350.000
10	0	0	0	0	0	0	-1201.448	7535.000	543.926	0	350.000
11	0	0	0	0	0	0	-1154.000	7535.000	429.375	0	350.000
12	0	0	0	0	0	0	-1154.000	7535.000	361.000	0	670.000
13	0	0	0	0	0	0	-1175.000	7535.000	340.000	0	670.000
14	0	0	0	0	0	0	-1329.000	7535.000	340.000	0	670.000
15	0	0	0	0	0	0	-1329.000	7535.000	264.000	0	670.000
16	0	0	0	0	0	0	-1350.000	7535.000	243.000	0	670.000
17	0	0	0	0	0	0	-1443.302	7535.000	243.000	0	670.000
18	0	0	0	0	0	0	-1458.151	7535.000	249.151	0	670.000
19	0	0	0	0	0	0	-1469.849	7535.000	260.849	0	670.000
20	0	0	0	0	0	0	-1484.698	7535.000	267.000	0	670.000
21	0	0	0	0	0	0	-1539.000	7535.000	267.000	0	670.000
22	0	0	0	0	0	0	-1560.000	7554.734	259.818	0	670.000
23	0	0	0	0	0	0	-1560.000	7587.623	247.847	0	670.000
24	1	1	1	1	1	1	-1926.644	7482.000	846.000	0	350.000
25	0	0	0	0	0	0	-1899.060	7482.000	758.284	0	350.000
26	0	0	0	0	0	0	-1893.625	7503.000	738.000	0	350.000
27	0	0	0	0	0	0	-1893.625	7514.000	738.000	0	350.000

28	0	0	0	0	0	0	-1872.625	7535.000	738.000	0	350.000
29	0	0	0	0	0	0	-1861.625	7535.000	738.000	0	350.000
30	0	0	0	0	0	0	-1596.000	7535.000	738.000	0	350.000
31	0	0	0	0	0	0	-1311.743	7535.000	620.256	0	350.000
32	0	0	0	0	0	0	-1244.942	7535.000	553.505	0	670.000
33	0	0	0	0	0	0	-1244.942	7535.000	523.807	0	670.000
34	0	0	0	0	0	0	-1322.849	7535.000	445.901	0	670.000
35	0	0	0	0	0	0	-1329.000	7535.000	431.052	0	670.000
36	0	0	0	0	0	0	-1431.433	7535.000	748.801	0	350.000
37	0	0	0	0	0	0	-1427.158	7544.000	756.715	0	350.000
38	0	0	0	0	0	0	-1427.158	7659.000	756.715	0	350.000
39	0	0	0	0	0	0	-1495.261	7659.000	771.191	0	350.000
40	0	0	0	0	0	0	-1504.064	7650.000	773.062	0	350.000
41	0	0	0	0	0	0	-1504.064	7643.000	773.062	0	350.000
42	0	0	0	0	0	0	-1504.064	7634.000	764.062	0	350.000
43	0	0	0	0	0	0	-1504.064	7634.000	747.625	0	350.000
44	0	0	0	0	0	0	-1513.064	7634.000	738.625	0	350.000
45	0	0	0	0	0	0	-1708.655	7634.000	738.625	0	350.000
46	0	0	0	0	0	0	-1711.286	7634.000	738.232	0	350.000
47	0	0	0	0	0	0	-2072.457	7634.000	627.810	0	350.000
48	0	0	0	0	0	0	-2079.306	7634.000	623.405	0	350.000
49	0	0	0	0	0	0	-2190.763	7634.000	497.408	0	350.000
50	0	0	0	0	0	0	-2189.468	7634.000	476.235	0	350.000
51	0	0	0	0	0	0	-2184.973	7634.000	472.258	0	350.000
52	0	0	0	0	0	0	-2173.739	7619.000	462.319	0	350.000
53	0	0	0	0	0	0	-2173.739	7615.000	462.319	0	350.000
54	0	0	0	0	0	0	-1861.625	7659.000	738.000	0	350.000
55	0	0	0	0	0	0	-1851.300	7659.000	704.230	0	350.000
56	0	0	0	0	0	0	-1857.276	7659.000	692.992	0	350.000
57	0	0	0	0	0	0	-2042.798	7659.000	636.271	0	350.000
58	0	0	0	0	0	0	-2051.405	7650.000	633.640	0	350.000
59	0	0	0	0	0	0	-2051.519	7634.000	634.211	0	350.000
60	0	0	0	0	0	0	-1214.175	7557.000	556.653	0	350.000
61	0	0	0	0	0	0	-1208.556	7572.000	542.745	0	350.000
62	0	0	0	0	0	0	-1176.727	7572.000	464.006	0	300.000
63	0	0	0	0	0	0	-1162.819	7572.000	454.625	0	300.000
64	0	0	0	0	0	0	-1087.875	7572.000	454.625	0	300.000
65	0	0	0	0	0	0	-1072.875	7587.000	454.625	0	300.000
66	0	0	0	0	0	0	-1072.875	7617.000	454.625	0	300.000
67	0	0	0	0	0	0	-1065.375	7632.000	441.635	0	300.000
68	0	0	0	0	0	0	-982.135	7632.000	297.481	0	300.000
69	0	0	0	0	0	0	-980.125	7632.000	289.981	0	300.000
70	0	0	0	0	0	0	-980.125	7632.000	250.000	0	300.000
71	0	0	0	0	0	0	-957.397	7626.728	250.000	0	300.000
72	0	0	0	0	0	0	-952.125	7614.000	250.000	0	300.000
73	0	0	0	0	0	0	-952.125	7500.000	250.000	0	300.000
74	0	0	0	0	0	0	-935.131	7482.000	255.934	0	300.000
75	1	1	1	1	1	1	-842.610	7482.000	288.244	0	300.000
76	0	0	0	0	0	0	-1012.125	7632.000	250.000	0	300.000
77	0	0	0	0	0	0	-1038.000	7632.000	250.000	0	300.000
78	0	0	0	0	0	0	-1056.000	7650.000	250.000	0	300.000
79	0	0	0	0	0	0	-1056.000	7914.000	250.000	0	300.000
80	0	0	0	0	0	0	-1056.000	7932.000	232.000	0	300.000
81	1	1	1	1	1	1	-1056.000	7932.000	219.000	0	300.000
82	0	0	0	0	0	0	-1012.125	7500.000	250.000	0	300.000
83	0	0	0	0	0	0	-1006.471	7494.000	247.992	0	300.000
84	0	0	0	0	0	0	-989.654	7494.000	242.008	0	300.000
85	0	0	0	0	0	0	-984.000	7488.000	240.000	0	300.000
86	0	0	0	0	0	0	-984.000	7440.000	240.000	0	300.000
87	0	0	0	0	0	0	-975.632	7440.000	241.757	0	300.000

88	0	0	0	0	0	0	-973.875	7440.000	246.000	0	300.000
89	1	1	1	1	1	1	-973.875	7440.000	261.000	0	300.000
90	0	0	0	0	0	0	-992.366	7440.000	238.243	0	300.000
91	0	0	0	0	0	0	-994.125	7440.000	234.000	0	300.000
92	1	1	1	1	1	1	-994.125	7440.000	219.000	0	300.000
93	0	0	0	0	0	0	-1445.680	7482.000	829.743	0	350.000
94	0	0	0	0	0	0	-1458.103	7482.000	783.378	0	350.000
95	0	0	0	0	0	0	-1448.437	7535.000	740.537	0	350.000
96	0	0	0	0	0	0	-1434.300	7535.000	743.544	0	350.000
97	0	0	0	0	0	0	-1429.091	7535.000	730.063	0	350.000
98	0	0	0	0	0	0	-1421.508	7535.000	725.956	0	350.000
99	0	0	0	0	0	0	-1263.710	7535.000	606.188	0	350.000
100	0	0	0	0	0	0	-1244.335	7535.000	586.813	0	350.000
101	0	0	0	0	0	0	-1221.953	7535.000	564.431	0	350.000
102	0	0	0	0	0	0	-1206.397	7535.000	548.875	0	350.000
103	0	0	0	0	0	0	-1214.175	7545.125	556.653	0	350.000
104	0	0	0	0	0	0	-1154.000	7535.000	421.000	0	670.000
105	0	0	0	0	0	0	-1154.000	7535.000	400.000	0	670.000
106	0	0	0	0	0	0	-1151.750	7561.750	400.000	0	670.000
107	0	0	0	0	0	0	-1154.000	7535.000	379.000	0	670.000
108	0	0	0	0	0	0	-1183.000	7535.000	340.000	0	670.000
109	0	0	0	0	0	0	-1183.000	7535.000	333.000	0	670.000
110	0	0	0	0	0	0	-1183.000	7535.000	330.000	0	670.000
111	0	0	0	0	0	0	-1183.000	7535.000	325.250	0	670.000
112	0	0	0	0	0	0	-1183.000	7535.000	319.250	0	670.000
113	0	0	0	0	0	0	-1184.650	7562.000	317.690	0	670.000
114	0	0	0	0	0	0	-1183.000	7535.000	313.250	0	670.000
115	0	0	0	0	0	0	-1183.000	7535.000	310.625	0	350.000
116	0	0	0	0	0	0	-1183.000	7535.000	307.250	0	350.000
117	0	0	0	0	0	0	-1183.000	7535.000	303.875	0	350.000
118	0	0	0	0	0	0	-1183.000	7532.375	307.250	0	350.000
119	0	0	0	0	0	0	-1183.000	7535.000	296.250	0	350.000
120	0	0	0	0	0	0	-1183.000	7527.000	307.250	0	350.000
121	0	0	0	0	0	0	-1183.000	7523.063	304.688	0	350.000
122	0	0	0	0	0	0	-1193.000	7535.000	340.000	0	670.000
123	0	0	0	0	0	0	-1212.000	7535.000	340.000	0	670.000
124	0	0	0	0	0	0	-1260.000	7535.000	340.000	0	670.000
125	0	0	0	0	0	0	-1270.000	7535.000	340.000	0	670.000
126	0	0	0	0	0	0	-1291.000	7535.000	340.000	0	670.000
127	0	0	0	0	0	0	-1291.000	7561.750	337.750	0	670.000
128	0	0	0	0	0	0	-1312.000	7535.000	340.000	0	670.000
129	0	0	0	0	0	0	-1318.000	7535.000	340.000	0	670.000
130	0	0	0	0	0	0	-1329.000	7535.000	351.000	0	670.000
131	0	0	0	0	0	0	-1329.000	7535.000	329.000	0	670.000
132	0	0	0	0	0	0	-1365.000	7535.000	243.000	0	670.000
133	0	0	0	0	0	0	-1500.000	7535.000	267.000	0	670.000
134	0	0	0	0	0	0	-1329.000	7535.000	368.000	0	670.000
135	0	0	0	0	0	0	-1329.000	7535.000	383.000	0	670.000
136	0	0	0	0	0	0	-1329.000	7535.000	404.000	0	670.000
137	0	0	0	0	0	0	-1330.591	7561.750	405.591	0	670.000
138	0	0	0	0	0	0	-1329.000	7535.000	425.000	0	670.000
139	0	0	0	0	0	0	-1292.937	7535.000	475.813	0	670.000
140	0	0	0	0	0	0	-1258.996	7535.000	509.754	0	670.000
141	0	0	0	0	0	0	-1250.599	7535.000	518.150	0	670.000
142	0	0	0	0	0	0	-1245.649	7535.000	513.200	0	670.000
143	0	0	0	0	0	0	-1243.528	7535.000	511.079	0	670.000
144	0	0	0	0	0	0	-1240.169	7535.000	507.720	0	670.000
145	0	0	0	0	0	0	-1235.926	7535.000	503.477	0	670.000
146	0	0	0	0	0	0	-1235.990	7562.000	502.310	0	670.000
147	0	0	0	0	0	0	-1231.683	7535.000	499.235	0	670.000

148	0	0	0	0	0	0	-1229.827	7535.000	497.379	0	350.000
149	0	0	0	0	0	0	-1227.441	7535.000	494.993	0	350.000
150	0	0	0	0	0	0	-1225.055	7535.000	492.607	0	350.000
151	0	0	0	0	0	0	-1227.441	7532.375	494.993	0	350.000
152	0	0	0	0	0	0	-1219.663	7535.000	487.215	0	350.000
153	0	0	0	0	0	0	-1227.441	7527.000	494.993	0	350.000
154	0	0	0	0	0	0	-1225.629	7523.063	493.181	0	350.000
155	0	0	0	0	0	0	-1251.306	7535.000	559.869	0	670.000
156	0	0	0	0	0	0	-1278.883	7535.000	587.446	0	670.000
157	0	0	0	0	0	0	-1293.732	7535.000	601.995	0	670.000
158	0	0	0	0	0	0	-1292.141	7561.750	603.586	0	670.000
159	0	0	0	0	0	0	-1308.581	7535.000	617.144	0	670.000
160	0	0	0	0	0	0	-1318.323	7535.000	626.688	0	350.000
161	0	0	0	0	0	0	-1373.363	7535.000	670.719	0	350.000
162	0	0	0	0	0	0	-1445.929	7535.000	708.938	0	350.000
163	0	0	0	0	0	0	-1461.269	7535.000	714.750	0	350.000
164	0	0	0	0	0	0	-1472.123	7535.000	718.438	0	350.000
165	0	0	0	0	0	0	-1534.062	7535.000	733.200	0	350.000
166	0	0	0	0	0	0	-1427.158	7652.000	756.715	0	350.000
167	0	0	0	0	0	0	-1427.525	7669.000	756.793	0	350.000
168	0	0	0	0	0	0	-1434.983	7659.000	758.378	0	350.000
169	0	0	0	0	0	0	-1447.699	7659.000	761.081	0	350.000
170	0	0	0	0	0	0	-1483.524	7659.000	768.696	0	350.000
171	0	0	0	0	0	0	-1483.524	7655.688	768.696	0	350.000
172	0	0	0	0	0	0	-1483.524	7653.000	768.696	0	350.000
173	0	0	0	0	0	0	-1483.524	7647.875	768.696	0	350.000
174	0	0	0	0	0	0	-1483.524	7641.125	768.696	0	350.000
175	0	0	0	0	0	0	-1489.393	7659.000	769.943	0	350.000
176	0	0	0	0	0	0	-1504.064	7647.000	773.062	0	350.000
177	0	0	0	0	0	0	-1566.000	7634.000	738.625	0	350.000
178	0	0	0	0	0	0	-1638.250	7634.000	738.625	0	350.000
179	0	0	0	0	0	0	-1813.032	7634.000	707.125	0	350.000
180	0	0	0	0	0	0	-1933.849	7634.000	670.188	0	350.000
181	0	0	0	0	0	0	-1943.457	7634.000	667.250	0	350.000
182	0	0	0	0	0	0	-2036.696	7634.000	638.743	0	350.000
183	0	0	0	0	0	0	-2043.390	7634.000	636.696	0	350.000
184	0	0	0	0	0	0	-2051.519	7641.500	634.211	0	350.000
185	0	0	0	0	0	0	-2059.648	7634.000	631.726	0	350.000
186	0	0	0	0	0	0	-2132.500	7634.000	563.280	0	350.000
187	0	0	0	0	0	0	-2139.563	7634.000	555.297	0	350.000
188	0	0	0	0	0	0	-2146.188	7634.000	547.808	0	350.000
189	0	0	0	0	0	0	-2187.250	7634.000	474.250	0	350.000
190	0	0	0	0	0	0	-1680.000	7535.000	738.000	0	350.000
191	0	0	0	0	0	0	-1844.125	7535.000	738.000	0	350.000
192	0	0	0	0	0	0	-1850.625	7535.000	738.000	0	350.000
193	0	0	0	0	0	0	-1861.625	7544.375	738.000	0	350.000
194	0	0	0	0	0	0	-1904.826	7482.000	774.638	0	350.000
195	0	0	0	0	0	0	-1917.106	7482.000	814.803	0	350.000
196	0	0	0	0	0	0	-1861.625	7652.000	738.000	0	350.000
197	0	0	0	0	0	0	-1861.515	7669.000	737.641	0	350.000
198	0	0	0	0	0	0	-1859.213	7659.000	730.110	0	350.000
199	0	0	0	0	0	0	-1865.882	7659.000	690.360	0	350.000
200	0	0	0	0	0	0	-1883.096	7659.000	685.098	0	350.000
201	0	0	0	0	0	0	-1883.096	7655.688	685.098	0	350.000
202	0	0	0	0	0	0	-1883.096	7653.625	685.098	0	350.000
203	0	0	0	0	0	0	-1886.921	7649.625	683.929	0	350.000
204	0	0	0	0	0	0	-1894.333	7649.625	681.663	0	350.000
205	0	0	0	0	0	0	-1900.788	7649.625	679.689	0	350.000
206	0	0	0	0	0	0	-1900.788	7659.000	679.689	0	350.000
207	0	0	0	0	0	0	-1937.545	7659.000	668.450	0	350.000

208	0	0	0	0	0	0	-2037.810	7659.000	637.796	0	350.000
209	0	0	0	0	0	0	-1201.640	7572.000	525.670	0	350.000
210	0	0	0	0	0	0	-1198.269	7572.000	517.325	0	350.000
211	0	0	0	0	0	0	-1197.527	7593.500	517.625	0	350.000
212	0	0	0	0	0	0	-1194.898	7572.000	508.980	0	350.000
213	0	0	0	0	0	0	-1179.680	7572.000	471.314	0	300.000
214	0	0	0	0	0	0	-1063.875	7632.000	439.037	0	300.000
215	0	0	0	0	0	0	-980.125	7632.000	259.500	0	300.000
216	0	0	0	0	0	0	-990.125	7632.000	250.000	0	300.000
217	0	0	0	0	0	0	-970.125	7632.000	250.000	0	300.000
218	0	0	0	0	0	0	-952.125	7608.000	250.000	0	300.000
219	0	0	0	0	0	0	-952.125	7528.000	250.000	0	300.000
220	0	0	0	0	0	0	-952.125	7526.000	250.000	0	300.000
221	0	0	0	0	0	0	-946.695	7525.740	249.795	0	300.000
222	0	0	0	0	0	0	-952.125	7524.000	250.000	0	300.000
223	0	0	0	0	0	0	-952.125	7508.000	250.000	0	300.000
224	0	0	0	0	0	0	-952.125	7506.000	250.000	0	300.000
225	0	0	0	0	0	0	-946.695	7505.740	249.795	0	300.000
226	0	0	0	0	0	0	-952.125	7504.000	250.000	0	300.000
227	0	0	0	0	0	0	-903.268	7482.000	267.061	0	300.000
228	0	0	0	0	0	0	-1004.063	7632.000	250.000	0	300.000
229	0	0	0	0	0	0	-1012.125	7625.625	250.000	0	300.000
230	0	0	0	0	0	0	-1012.125	7621.625	250.000	0	300.000
231	0	0	0	0	0	0	-1056.000	7653.000	250.000	0	300.000
232	0	0	0	0	0	0	-1056.000	7905.500	250.000	0	300.000
233	0	0	0	0	0	0	-1056.000	7907.500	250.000	0	300.000
234	0	0	0	0	0	0	-1056.250	7907.240	255.430	0	300.000
235	0	0	0	0	0	0	-1056.000	7909.500	250.000	0	300.000
236	0	0	0	0	0	0	-1012.125	7514.000	250.000	0	300.000
237	0	0	0	0	0	0	-1012.125	7513.000	250.000	0	300.000
238	0	0	0	0	0	0	-1012.125	7507.000	250.000	0	300.000
239	0	0	0	0	0	0	-1018.425	7507.000	250.000	0	300.000
240	0	0	0	0	0	0	-1012.125	7501.000	250.000	0	300.000
241	0	0	0	0	0	0	-984.000	7444.125	240.000	0	300.000
242	0	0	0	0	0	0	-979.875	7440.000	240.000	0	300.000
243	0	0	0	0	0	0	-988.125	7440.000	240.000	0	300.000
244	0	0	0	0	0	0	-973.875	7440.000	247.000	0	300.000
245	0	0	0	0	0	0	-973.875	7440.000	253.000	0	300.000
246	0	0	0	0	0	0	-973.875	7446.300	253.000	0	300.000
247	0	0	0	0	0	0	-973.875	7440.000	259.000	0	300.000
248	0	0	0	0	0	0	-994.125	7440.000	233.000	0	300.000
249	0	0	0	0	0	0	-994.125	7440.000	227.000	0	300.000
250	0	0	0	0	0	0	-994.125	7446.300	227.000	0	300.000
251	0	0	0	0	0	0	-994.125	7440.000	221.000	0	300.000
252	0	0	0	0	0	0	-1856.362	7659.000	720.787	0	350.000
253	-1	-1	-1	-1	-1	-1	-1421.508	7550.000	725.956	0	0.0
254	0	0	0	0	0	0	-1253.710	7535.000	616.188	0	0.0
255	0	0	0	0	0	0	-1254.335	7535.000	596.813	0	0.0
256	0	0	0	0	0	0	-1201.448	7550.000	543.926	0	0.0
257	0	0	0	0	0	0	-1154.000	7550.000	361.000	0	0.0
258	0	0	0	0	0	0	-1183.000	7550.000	303.875	0	0.0
259	0	0	0	0	0	0	-1173.000	7535.000	303.875	0	0.0
260	0	0	0	0	0	0	-1193.000	7550.000	340.000	0	0.0
261	0	0	0	0	0	0	-1193.000	7535.000	350.000	0	0.0
262	0	0	0	0	0	0	-1365.000	7550.000	243.000	0	0.0
263	0	0	0	0	0	0	-1365.000	7535.000	253.000	0	0.0
264	0	0	0	0	0	0	-1500.000	7550.000	267.000	0	0.0
265	0	0	0	0	0	0	-1329.000	7550.000	368.000	0	0.0
266	0	0	0	0	0	0	-1319.000	7535.000	368.000	0	0.0
267	0	0	0	0	0	0	-1258.996	7550.000	509.754	0	0.0

268	0	0	0	0	0	0	-1248.996	7535.000	499.754	0	0.0
269	0	0	0	0	0	0	-1225.055	7550.000	492.607	0	0.0
270	0	0	0	0	0	0	-1215.055	7535.000	502.607	0	0.0
271	0	0	0	0	0	0	-1251.306	7550.000	559.869	0	0.0
272	0	0	0	0	0	0	-1241.306	7535.000	569.869	0	0.0
273	0	0	0	0	0	0	-1318.323	7550.000	626.688	0	0.0
274	0	0	0	0	0	0	-1445.929	7550.000	708.938	0	0.0
275	0	0	0	0	0	0	-1506.000	7535.000	336.000	0	0.0
276	0	0	0	0	0	0	-1481.636	7535.000	721.520	0	0.0
277	0	0	0	0	0	0	-1449.778	7659.000	751.300	0	0.0
278	0	0	0	0	0	0	-1489.393	7700.000	769.943	0	0.0
279	0	0	0	0	0	0	-1504.064	7647.000	763.062	0	0.0
280	0	0	0	0	0	0	-1514.064	7647.000	773.062	0	0.0
281	0	0	0	0	0	0	-1506.000	7700.000	738.625	0	0.0
282	0	0	0	0	0	0	-1638.250	7634.000	728.625	0	0.0
283	0	0	0	0	0	0	-1813.032	7700.000	707.125	0	0.0
284	0	0	0	0	0	0	-1936.773	7634.000	679.751	0	0.0
285	0	0	0	0	0	0	-1953.020	7634.000	664.326	0	0.0
286	0	0	0	0	0	0	-2125.010	7634.000	556.654	0	0.0
287	0	0	0	0	0	0	-2146.189	7634.000	547.807	0	0.0
288	0	0	0	0	0	0	-2146.188	7700.000	547.808	0	0.0
289	0	0	0	0	0	0	-2187.250	7700.000	474.250	0	0.0
290	0	0	0	0	0	0	-1680.000	7550.000	738.000	0	0.0
291	0	0	0	0	0	0	-1680.000	7535.000	728.000	0	0.0
292	0	0	0	0	0	0	-1844.125	7550.000	738.000	0	0.0
293	0	0	0	0	0	0	-1862.958	7659.000	680.797	0	0.0
294	0	0	0	0	0	0	-1937.545	7700.000	668.450	0	0.0
295	0	0	0	0	0	0	-2037.810	7700.000	637.796	0	0.0
296	0	0	0	0	0	0	-1179.680	7600.000	471.314	0	0.0
297	0	0	0	0	0	0	-1063.875	7700.000	439.037	0	0.0
298	0	0	0	0	0	0	-952.125	7608.000	240.000	0	0.0
299	0	0	0	0	0	0	-1004.063	7700.000	250.000	0	0.0
300	0	0	0	0	0	0	-1056.000	7653.000	240.000	0	0.0
301	0	0	0	0	0	0	-1046.000	7653.000	250.000	0	0.0
302	0	0	0	0	0	0	-1012.125	7514.000	240.000	0	0.0
303	0	0	0	0	0	0	-1002.125	7514.000	250.000	0	0.0
304	0	0	0	0	0	0	-1846.799	7659.000	723.711	0	0.0
305	1	1	1	1	1	1	-1140.000	7535.000	361.000	0	0.0
306	-1	-1	-1	-1	-1	-1	-1550.000	7587.623	247.847	0	0.0
307	0	0	0	0	0	0	-1560.000	7597.623	247.847	0	0.0
308	0	0	0	0	0	0	-1560.000	7587.623	257.847	0	0.0
309	0	0	0	0	0	0	-2163.739	7615.000	462.319	0	0.0
310	0	0	0	0	0	0	-2173.739	7625.000	462.319	0	0.0
311D	1	1	1	1	1	1	-2173.739	7615.000	472.319	0	0.0

GENERATED NODAL DATA

NODE NUMBER	BOUNDARY CONDITION CODES X	Y	Z	XX	YY	ZZ	NODAL POINT COORDINATES X	Y	Z	T
1	1	1	1	1	1	1	-1437.236	7482.000	861.256	305.000
2	0	0	0	0	0	0	-1463.281	7482.000	764.060	305.000
3	0	0	0	0	0	0	-1466.904	7496.000	750.537	305.000
4	0	0	0	0	0	0	-1466.904	7514.000	750.537	305.000
5	0	0	0	0	0	0	-1461.495	7528.849	747.607	305.000
6	0	0	0	0	0	0	-1438.764	7535.000	735.300	305.000
7	0	0	0	0	0	0	-1393.166	7535.000	710.612	305.000
8	0	0	0	0	0	0	-1294.749	7535.000	637.227	305.000
9	0	0	0	0	0	0	-1214.175	7535.000	556.653	305.000
10	0	0	0	0	0	0	-1201.448	7535.000	543.926	305.000
11	0	0	0	0	0	0	-1154.000	7535.000	429.375	305.000
12	0	0	0	0	0	0	-1154.000	7535.000	361.000	305.000
13	0	0	0	0	0	0	-1175.000	7535.000	340.000	305.000
14	0	0	0	0	0	0	-1329.000	7535.000	340.000	305.000
15	0	0	0	0	0	0	-1329.000	7535.000	264.000	305.000
16	0	0	0	0	0	0	-1350.000	7535.000	243.000	305.000
17	0	0	0	0	0	0	-1443.302	7535.000	243.000	305.000
18	0	0	0	0	0	0	-1458.151	7535.000	249.151	305.000
19	0	0	0	0	0	0	-1469.849	7535.000	260.849	305.000
20	0	0	0	0	0	0	-1484.698	7535.000	267.000	305.000
21	0	0	0	0	0	0	-1539.000	7535.000	267.000	305.000
22	0	0	0	0	0	0	-1560.000	7554.734	259.818	305.000
23	0	0	0	0	0	0	-1560.000	7587.623	247.847	305.000
24	1	1	1	1	1	1	-1926.644	7482.000	846.000	305.000
25	0	0	0	0	0	0	-1899.060	7482.000	758.284	305.000
26	0	0	0	0	0	0	-1893.625	7503.000	738.000	305.000
27	0	0	0	0	0	0	-1893.625	7514.000	738.000	305.000
28	0	0	0	0	0	0	-1872.625	7535.000	738.000	305.000
29	0	0	0	0	0	0	-1861.625	7535.000	738.000	305.000
30	0	0	0	0	0	0	-1596.000	7535.000	738.000	305.000
31	0	0	0	0	0	0	-1311.743	7535.000	620.256	305.000
32	0	0	0	0	0	0	-1244.942	7535.000	553.505	305.000
33	0	0	0	0	0	0	-1244.942	7535.000	523.807	305.000
34	0	0	0	0	0	0	-1322.849	7535.000	445.901	305.000
35	0	0	0	0	0	0	-1329.000	7535.000	431.052	305.000
36	0	0	0	0	0	0	-1431.433	7535.000	748.801	305.000
37	0	0	0	0	0	0	-1427.158	7544.000	756.715	305.000
38	0	0	0	0	0	0	-1427.158	7659.000	756.715	305.000
39	0	0	0	0	0	0	-1495.261	7659.000	771.191	120.000
40	0	0	0	0	0	0	-1504.064	7650.000	773.062	120.000
41	0	0	0	0	0	0	-1504.064	7643.000	773.062	120.000
42	0	0	0	0	0	0	-1504.064	7634.000	764.062	120.000
43	0	0	0	0	0	0	-1504.064	7634.000	747.625	120.000
44	0	0	0	0	0	0	-1513.064	7634.000	738.625	120.000
45	0	0	0	0	0	0	-1708.655	7634.000	738.625	120.000
46	0	0	0	0	0	0	-1711.286	7634.000	738.232	120.000
47	0	0	0	0	0	0	-2072.457	7634.000	627.810	120.000
48	0	0	0	0	0	0	-2079.306	7634.000	623.405	120.000
49	0	0	0	0	0	0	-2190.763	7634.000	497.408	120.000
50	0	0	0	0	0	0	-2189.468	7634.000	476.235	120.000
51	0	0	0	0	0	0	-2184.973	7634.000	472.258	120.000
52	0	0	0	0	0	0	-2173.739	7619.000	462.319	120.000
53	0	0	0	0	0	0	-2173.739	7615.000	462.319	120.000
54	0	0	0	0	0	0	-1861.625	7659.000	738.000	305.000
55	0	0	0	0	0	0	-1851.300	7659.000	704.230	120.000
56	0	0	0	0	0	0	-1857.276	7659.000	692.992	120.000

57	0	0	0	0	0	0	-2042.798	7659.000	636.271	120.000
58	0	0	0	0	0	0	-2051.405	7650.000	633.640	120.000
59	0	0	0	0	0	0	-2051.519	7634.000	634.211	120.000
60	0	0	0	0	0	0	-1214.175	7557.000	556.653	305.000
61	0	0	0	0	0	0	-1208.556	7572.000	542.745	305.000
62	0	0	0	0	0	0	-1176.727	7572.000	464.006	120.000
63	0	0	0	0	0	0	-1162.819	7572.000	454.625	120.000
64	0	0	0	0	0	0	-1087.875	7572.000	454.625	120.000
65	0	0	0	0	0	0	-1072.875	7587.000	454.625	120.000
66	0	0	0	0	0	0	-1072.875	7617.000	454.625	120.000
67	0	0	0	0	0	0	-1065.375	7632.000	441.635	120.000
68	0	0	0	0	0	0	-982.135	7632.000	297.481	120.000
69	0	0	0	0	0	0	-980.125	7632.000	289.981	120.000
70	0	0	0	0	0	0	-980.125	7632.000	250.000	120.000
71	0	0	0	0	0	0	-957.397	7626.728	250.000	120.000
72	0	0	0	0	0	0	-952.125	7614.000	250.000	120.000
73	0	0	0	0	0	0	-952.125	7500.000	250.000	120.000
74	0	0	0	0	0	0	-935.131	7482.000	255.934	120.000
75	1	1	1	1	1	1	-842.610	7482.000	288.244	120.000
76	0	0	0	0	0	0	-1012.125	7632.000	250.000	120.000
77	0	0	0	0	0	0	-1038.000	7632.000	250.000	120.000
78	0	0	0	0	0	0	-1056.000	7650.000	250.000	120.000
79	0	0	0	0	0	0	-1056.000	7914.000	250.000	120.000
80	0	0	0	0	0	0	-1056.000	7932.000	232.000	120.000
81	1	1	1	1	1	1	-1056.000	7932.000	219.000	120.000
82	0	0	0	0	0	0	-1012.125	7500.000	250.000	120.000
83	0	0	0	0	0	0	-1006.471	7494.000	247.992	120.000
84	0	0	0	0	0	0	-989.654	7494.000	242.008	120.000
85	0	0	0	0	0	0	-984.000	7488.000	240.000	120.000
86	0	0	0	0	0	0	-984.000	7440.000	240.000	120.000
87	0	0	0	0	0	0	-975.632	7440.000	241.757	120.000
88	0	0	0	0	0	0	-973.875	7440.000	246.000	120.000
89	1	1	1	1	1	1	-973.875	7440.000	261.000	120.000
90	0	0	0	0	0	0	-992.366	7440.000	238.243	120.000
91	0	0	0	0	0	0	-994.125	7440.000	234.000	120.000
92	1	1	1	1	1	1	-994.125	7440.000	219.000	120.000
93	0	0	0	0	0	0	-1445.680	7482.000	829.743	305.000
94	0	0	0	0	0	0	-1458.103	7482.000	783.378	305.000
95	0	0	0	0	0	0	-1448.437	7535.000	740.537	305.000
96	0	0	0	0	0	0	-1434.300	7535.000	743.544	305.000
97	0	0	0	0	0	0	-1429.091	7535.000	730.063	305.000
98	0	0	0	0	0	0	-1421.508	7535.000	725.956	305.000
99	0	0	0	0	0	0	-1263.710	7535.000	606.188	305.000
100	0	0	0	0	0	0	-1244.335	7535.000	586.813	305.000
101	0	0	0	0	0	0	-1221.953	7535.000	564.431	305.000
102	0	0	0	0	0	0	-1206.397	7535.000	548.875	305.000
103	0	0	0	0	0	0	-1214.175	7545.125	556.653	305.000
104	0	0	0	0	0	0	-1154.000	7535.000	421.000	305.000
105	0	0	0	0	0	0	-1154.000	7535.000	400.000	305.000
106	0	0	0	0	0	0	-1151.750	7561.750	400.000	305.000
107	0	0	0	0	0	0	-1154.000	7535.000	379.000	305.000
108	0	0	0	0	0	0	-1183.000	7535.000	340.000	305.000
109	0	0	0	0	0	0	-1183.000	7535.000	333.000	305.000
110	0	0	0	0	0	0	-1183.000	7535.000	330.000	305.000
111	0	0	0	0	0	0	-1183.000	7535.000	325.250	305.000
112	0	0	0	0	0	0	-1183.000	7535.000	319.250	305.000
113	0	0	0	0	0	0	-1184.650	7562.000	317.690	305.000
114	0	0	0	0	0	0	-1183.000	7535.000	313.250	305.000
115	0	0	0	0	0	0	-1183.000	7535.000	310.625	305.000
116	0	0	0	0	0	0	-1183.000	7535.000	307.250	305.000

117	0	0	0	0	0	0	-1183.000	7535.000	303.875	305.000
118	0	0	0	0	0	0	-1183.000	7532.375	307.250	305.000
119	0	0	0	0	0	0	-1183.000	7535.000	296.250	305.000
120	0	0	0	0	0	0	-1183.000	7527.000	307.250	305.000
121	0	0	0	0	0	0	-1183.000	7523.063	304.688	305.000
122	0	0	0	0	0	0	-1193.000	7535.000	340.000	305.000
123	0	0	0	0	0	0	-1212.000	7535.000	340.000	305.000
124	0	0	0	0	0	0	-1260.000	7535.000	340.000	305.000
125	0	0	0	0	0	0	-1270.000	7535.000	340.000	305.000
126	0	0	0	0	0	0	-1291.000	7535.000	340.000	305.000
127	0	0	0	0	0	0	-1291.000	7561.750	337.750	305.000
128	0	0	0	0	0	0	-1312.000	7535.000	340.000	305.000
129	0	0	0	0	0	0	-1318.000	7535.000	340.000	305.000
130	0	0	0	0	0	0	-1329.000	7535.000	351.000	305.000
131	0	0	0	0	0	0	-1329.000	7535.000	329.000	305.000
132	0	0	0	0	0	0	-1365.000	7535.000	243.000	305.000
133	0	0	0	0	0	0	-1500.000	7535.000	267.000	305.000
134	0	0	0	0	0	0	-1329.000	7535.000	368.000	305.000
135	0	0	0	0	0	0	-1329.000	7535.000	383.000	305.000
136	0	0	0	0	0	0	-1329.000	7535.000	404.000	305.000
137	0	0	0	0	0	0	-1330.591	7561.750	405.591	305.000
138	0	0	0	0	0	0	-1329.000	7535.000	425.000	305.000
139	0	0	0	0	0	0	-1292.937	7535.000	475.813	305.000
140	0	0	0	0	0	0	-1258.996	7535.000	509.754	305.000
141	0	0	0	0	0	0	-1250.599	7535.000	518.150	305.000
142	0	0	0	0	0	0	-1245.649	7535.000	513.200	305.000
143	0	0	0	0	0	0	-1243.528	7535.000	511.079	305.000
144	0	0	0	0	0	0	-1240.169	7535.000	507.720	305.000
145	0	0	0	0	0	0	-1235.926	7535.000	503.477	305.000
146	0	0	0	0	0	0	-1235.990	7562.000	502.310	305.000
147	0	0	0	0	0	0	-1231.683	7535.000	499.235	305.000
148	0	0	0	0	0	0	-1229.827	7535.000	497.379	305.000
149	0	0	0	0	0	0	-1227.441	7535.000	494.993	305.000
150	0	0	0	0	0	0	-1225.055	7535.000	492.607	305.000
151	0	0	0	0	0	0	-1227.441	7532.375	494.993	305.000
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155	0	0	0	0	0	0	-1251.306	7535.000	559.869	305.000
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158	0	0	0	0	0	0	-1292.141	7561.750	603.586	305.000
159	0	0	0	0	0	0	-1308.581	7535.000	617.144	305.000
160	0	0	0	0	0	0	-1318.323	7535.000	626.688	305.000
161	0	0	0	0	0	0	-1373.363	7535.000	670.719	305.000
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164	0	0	0	0	0	0	-1472.123	7535.000	718.438	305.000
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166	0	0	0	0	0	0	-1427.158	7652.000	756.715	305.000
167	0	0	0	0	0	0	-1427.525	7669.000	756.793	305.000
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274	-1	-1	-1	-1	-1	-1	-1445.929	7550.000	708.938	0.0
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279	-1	-1	-1	-1	-1	-1	-1504.064	7647.000	763.062	0.0
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283	-1	-1	-1	-1	-1	-1	-1813.032	7700.000	707.125	0.0
284	-1	-1	-1	-1	-1	-1	-1936.773	7634.000	679.751	0.0
285	-1	-1	-1	-1	-1	-1	-1953.020	7634.000	664.326	0.0
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142	811	812	813	814	815	816
143	817	818	819	820	821	822
144	823	824	825	826	827	828
145	829	830	831	832	833	834
146	835	836	837	838	839	840
147	841	842	843	844	845	846
148	847	848	849	850	851	852
149	853	854	855	856	857	858
150	859	860	861	862	863	864
151	865	866	867	868	869	870
152	871	872	873	874	875	876
153	877	878	879	880	881	882
154	883	884	885	886	887	888
155	889	890	891	892	893	894
156	895	896	897	898	899	900
157	901	902	903	904	905	906
158	907	908	909	910	911	912
159	913	914	915	916	917	918
160	919	920	921	922	923	924
161	925	926	927	928	929	930
162	931	932	933	934	935	936
163	937	938	939	940	941	942
164	943	944	945	946	947	948
165	949	950	951	952	953	954
166	955	956	957	958	959	960
167	961	962	963	964	965	966
168	967	968	969	970	971	972
169	973	974	975	976	977	978
170	979	980	981	982	983	984
171	985	986	987	988	989	990
172	991	992	993	994	995	996
173	997	998	999	1000	1001	1002
174	1003	1004	1005	1006	1007	1008
175	1009	1010	1011	1012	1013	1014
176	1015	1016	1017	1018	1019	1020
177	1021	1022	1023	1024	1025	1026
178	1027	1028	1029	1030	1031	1032

179	1033	1034	1035	1036	1037	1038
180	1039	1040	1041	1042	1043	1044
181	1045	1046	1047	1048	1049	1050
182	1051	1052	1053	1054	1055	1056
183	1057	1058	1059	1060	1061	1062
184	1063	1064	1065	1066	1067	1068
185	1069	1070	1071	1072	1073	1074
186	1075	1076	1077	1078	1079	1080
187	1081	1082	1083	1084	1085	1086
188	1087	1088	1089	1090	1091	1092
189	1093	1094	1095	1096	1097	1098
190	1099	1100	1101	1102	1103	1104
191	1105	1106	1107	1108	1109	1110
192	1111	1112	1113	1114	1115	1116
193	1117	1118	1119	1120	1121	1122
194	1123	1124	1125	1126	1127	1128
195	1129	1130	1131	1132	1133	1134
196	1135	1136	1137	1138	1139	1140
197	1141	1142	1143	1144	1145	1146
198	1147	1148	1149	1150	1151	1152
199	1153	1154	1155	1156	1157	1158
200	1159	1160	1161	1162	1163	1164
201	1165	1166	1167	1168	1169	1170
202	1171	1172	1173	1174	1175	1176
203	1177	1178	1179	1180	1181	1182
204	1183	1184	1185	1186	1187	1188
205	1189	1190	1191	1192	1193	1194
206	1195	1196	1197	1198	1199	1200
207	1201	1202	1203	1204	1205	1206
208	1207	1208	1209	1210	1211	1212
209	1213	1214	1215	1216	1217	1218
210	1219	1220	1221	1222	1223	1224
211	1225	1226	1227	1228	1229	1230
212	1231	1232	1233	1234	1235	1236
213	1237	1238	1239	1240	1241	1242
214	1243	1244	1245	1246	1247	1248
215	1249	1250	1251	1252	1253	1254
216	1255	1256	1257	1258	1259	1260
217	1261	1262	1263	1264	1265	1266
218	1267	1268	1269	1270	1271	1272
219	1273	1274	1275	1276	1277	1278
220	1279	1280	1281	1282	1283	1284
221	1285	1286	1287	1288	1289	1290
222	1291	1292	1293	1294	1295	1296
223	1297	1298	1299	1300	1301	1302
224	1303	1304	1305	1306	1307	1308
225	1309	1310	1311	1312	1313	1314
226	1315	1316	1317	1318	1319	1320
227	1321	1322	1323	1324	1325	1326
228	1327	1328	1329	1330	1331	1332
229	1333	1334	1335	1336	1337	1338
230	1339	1340	1341	1342	1343	1344
231	1345	1346	1347	1348	1349	1350
232	1351	1352	1353	1354	1355	1356
233	1357	1358	1359	1360	1361	1362
234	1363	1364	1365	1366	1367	1368
235	1369	1370	1371	1372	1373	1374
236	1375	1376	1377	1378	1379	1380
237	1381	1382	1383	1384	1385	1386
238	1387	1388	1389	1390	1391	1392

239	1393	1394	1395	1396	1397	1398
240	1399	1400	1401	1402	1403	1404
241	1405	1406	1407	1408	1409	1410
242	1411	1412	1413	1414	1415	1416
243	1417	1418	1419	1420	1421	1422
244	1423	1424	1425	1426	1427	1428
245	1429	1430	1431	1432	1433	1434
246	1435	1436	1437	1438	1439	1440
247	1441	1442	1443	1444	1445	1446
248	1447	1448	1449	1450	1451	1452
249	1453	1454	1455	1456	1457	1458
250	1459	1460	1461	1462	1463	1464
251	1465	1466	1467	1468	1469	1470
252	1471	1472	1473	1474	1475	1476
253	0	0	0	0	0	0
254	0	0	0	0	0	0
255	0	0	0	0	0	0
256	0	0	0	0	0	0
257	0	0	0	0	0	0
258	0	0	0	0	0	0
259	0	0	0	0	0	0
260	0	0	0	0	0	0
261	0	0	0	0	0	0
262	0	0	0	0	0	0
263	0	0	0	0	0	0
264	0	0	0	0	0	0
265	0	0	0	0	0	0
266	0	0	0	0	0	0
267	0	0	0	0	0	0
268	0	0	0	0	0	0
269	0	0	0	0	0	0
270	0	0	0	0	0	0
271	0	0	0	0	0	0
272	0	0	0	0	0	0
273	0	0	0	0	0	0
274	0	0	0	0	0	0
275	0	0	0	0	0	0
276	0	0	0	0	0	0
277	0	0	0	0	0	0
278	0	0	0	0	0	0
279	0	0	0	0	0	0
280	0	0	0	0	0	0
281	0	0	0	0	0	0
282	0	0	0	0	0	0
283	0	0	0	0	0	0
284	0	0	0	0	0	0
285	0	0	0	0	0	0
286	0	0	0	0	0	0
287	0	0	0	0	0	0
288	0	0	0	0	0	0
289	0	0	0	0	0	0
290	0	0	0	0	0	0
291	0	0	0	0	0	0
292	0	0	0	0	0	0
293	0	0	0	0	0	0
294	0	0	0	0	0	0
295	0	0	0	0	0	0
296	0	0	0	0	0	0
297	0	0	0	0	0	0
298	0	0	0	0	0	0

299	0	0	0	0	0	0
300	0	0	0	0	0	0
301	0	0	0	0	0	0
302	0	0	0	0	0	0
303	0	0	0	0	0	0
304	0	0	0	0	0	0
305	0	0	0	0	0	0
306	0	0	0	0	0	0
307	0	0	0	0	0	0
308	0	0	0	0	0	0
309	0	0	0	0	0	0
310	0	0	0	0	0	0
311	0	0	0	0	0	0

P I P E E L E M E N T I N P U T D A T A

C O N T R O L I N F O R M A T I O N

REQUIRED BLANK COMMON FOR THIS STEP= 3141

NUMBER OF PIPE ELEMENTS	=	253
NUMBER OF MATERIAL SETS	=	2
MAXIMUM NUMBER OF MATERIAL TEMPERATURE INPUT POINTS	=	5
NUMBER OF SECTION PROPERTY SETS	=	29
NUMBER OF BRANCH POINT NODES	=	15
MAXIMUM NUMBER OF TANGENTS COMMON TO A BRANCH POINT	=	4
NUMBER OF PIPING COMPONENTS	=	15
FLAG FOR NEGLECTING AXIAL DEFORMATIONS IN BEND ELEMENTS (EQ.1, NEGLECT)	=	0

M A T E R I A L P R O P E R T Y T A B L E S

MATERIAL NUMBER = (1)
NUMBER OF
TEMPERATURE POINTS = (5)
IDENTIFICATION = (304 SS*SA-312*CLASS 2 SH ALLOWABLE)

POINT NUMBER	TEMPERATURE	YOUNG*S MODULUS	POISSON*S RATIO	THERMAL EXPANSION	SY STRESS	SM STRESS	ST STRESS
1	30.00	28600000.0	0.300	0.904D-05	30000.0	18000.0	0.0
2	70.00	28300000.0	0.300	0.911D-05	30000.0	18000.0	0.0
3	300.00	27100000.0	0.300	0.947D-05	22500.0	16600.0	0.0
4	500.00	26000000.0	0.300	0.970D-05	19400.0	15900.0	0.0
5	800.00	24100000.0	0.300	0.102D-04	16800.0	15200.0	0.0

MATERIAL NUMBER = (2)
NUMBER OF
TEMPERATURE POINTS = (5)
IDENTIFICATION = (304 SS*SA-376*CLASS 1 SM ALLOWABLE)

POINT NUMBER	TEMPERATURE	YOUNG*S MODULUS	POISSON*S RATIO	THERMAL EXPANSION	SY STRESS	SM STRESS	ST STRESS

1	30.00	28600000.0	0.300	0.904D-05	30000.0	20000.0	0.0
2	70.00	28300000.0	0.300	0.911D-05	30000.0	20000.0	0.0
3	300.00	27100000.0	0.300	0.947D-05	22500.0	20000.0	0.0
4	500.00	26000000.0	0.300	0.970D-05	19400.0	17500.0	0.0
5	800.00	24100000.0	0.300	0.102D-04	16800.0	15200.0	0.0

SECTION PROPERTY TABLE

SECTION NUMBER	OUTSIDE DIAMETER	WALL THICKNESS	SHAPE FACTOR FOR SHEAR	WEIGHT/ UNIT LENGTH	MASS/ UNIT LENGTH	DESCRIPTION
1	14.000	0.4380	0.0	0.1142D+02	0.2957D-01	14" SCH 40 INS H
2	12.750	0.3750	0.0	0.8216D+01	0.2126D-01	12" SCH 40S INS O
3	10.750	0.3650	0.0	0.6217D+01	0.1609D-01	10" SCH 40 INS O
4	6.625	0.2800	0.0	0.2625D+01	0.6793D-02	6" SCH 40 INS O
5	4.500	0.2370	0.0	0.1359D+01	0.3517D-02	4" SCH 40 INS O
6	3.500	0.4380	0.0	0.1787D+01	0.4625D-02	3" SCH 160 INS H
7	1.315	0.1330	0.0	0.1710D+00	0.4425D-03	1" SCH 40 INS O
8	16.000	1.5900	0.0	0.5692D+01	0.1473D-01	14" VALVE SCH160
9	14.000	1.4000	0.0	0.4083D+01	0.1057D-01	12 IN. VALVE
10	12.750	1.3100	0.0	0.3884D+01	0.1005D-01	10 IN. VALVE
11	8.625	0.9100	0.0	0.1642D+01	0.4249D-02	6 IN. VALVE
12	5.563	0.7500	0.0	0.4590D+00	0.1188D-02	4 IN. VALVE
13	4.000	0.6400	0.0	0.5950D+00	0.1540D-02	3 IN. VALVE
14	1.900	0.4000	0.0	0.3100D-01	0.8023D-04	1 IN. VALVE
15	14.000	0.4380	0.0	0.1123D+02	0.2907D-01	14" SCH 40 INS V
16	14.000	1.4060	0.0	0.2144D+02	0.5549D-01	14" SCH 160 INS H
17	14.000	1.4060	0.0	0.2113D+02	0.5467D-01	14" SCH 160 INS V
18	10.750	0.3650	0.0	0.7259D+01	0.1879D-01	10" SCH 40 INS H
19	10.750	0.3650	0.0	0.7084D+01	0.1833D-01	10" SCH 40 INS V
20	6.625	0.2800	0.0	0.3225D+01	0.8346D-02	6" SCH 40 INS H
21	6.625	0.2800	0.0	0.3100D+01	0.8023D-02	6" SCH 40 INS V
22	16.000	1.5900	0.0	0.6141D+01	0.1589D-01	14" VALVE SCH 40
23	16.000	1.5900	0.0	0.0	0.0	14" VALVE
24	12.750	1.3100	0.0	0.0	0.0	10" VALVE
25	8.625	0.9100	0.0	0.0	0.0	6" VALVE
26	4.000	0.6400	0.0	0.0	0.0	3" VALVE
27	14.000	1.4000	0.0	0.0	0.0	12 IN. VALVE
28	5.563	0.7500	0.0	0.0	0.0	4 IN. VALVE
29	1.315	0.2500	0.0	0.2560D+00	0.6625D-03	1" SCH 160 INS O

BRANCH POINT NODE LIST

BRANCH POINT	NODE NUMBER
1	6
2	9
3	14
4	29
5	59
6	70
7	76
8	86
9	108
10	116
11	141
12	149
13	170
14	200
15	206

COMPONENT DATA

COMP. NO.	TYPE	N	NA	NB	NC	C1	C2	DESCRIPTION
1	120	6	95	97	96	0.0	0.0	BUTT WELD TEE PER B16.9
2	120	9	101	102	103	0.0	0.0	BUTT WELD TEE PER B16.9
3	120	14	130	131	129	0.0	0.0	BUTT WELD TEE PER B16.9
4	120	29	28	192	193	0.0	0.0	BUTT WELD TEE PER B16.9
5	120	59	183	185	184	0.0	0.0	BUTT WELD TEE PER B16.9
6	120	70	217	216	215	0.0	0.0	BUTT WELD TEE PER B16.9
7	120	86	242	243	241	0.0	0.0	BUTT WELD TEE PER B16.9
8	110	108	13	122	109	1.75000	0.0	BRANCH CONNECT. PER NB-3643
9	110	141	33	140	142	1.75000	0.0	BRANCH CONNECT. PER NB-3643
10	110	116	115	117	118	0.65800	0.0	BRANCH CONNECT. PER NB-3643
11	110	149	148	150	151	0.65800	0.0	BRANCH CONNECT. PER NB-3643
12	110	170	169	175	171	0.65800	0.0	BRANCH CONNECT. PER NB-3643
13	110	200	199	206	201	0.65800	0.0	BRANCH CONNECT. PER NB-3643
14	110	76	228	77	229	2.92000	0.0	BRANCH CONNECT. PER NB-3643

COMPONENT DATA

COMP. NO.	TYPE	N	NA	NB	NC	C1	C2	DESCRIPTION
15	43	182	0	0	0	16.00000	0.0	CON. REDUCER PER B16.9

ELEMENT LOAD CASE MULTIPLIERS

	CASE A	CASE B	CASE C	CASE D
X-DIRECTION GRAVITY	0.100	0.0	0.0	0.0
Y-DIRECTION GRAVITY	-1.100	-1.000	0.0	0.0
Z-DIRECTION GRAVITY	0.100	0.0	0.0	0.0
THERMAL DISTORTION	0.0	0.0	1.000	0.0
PRESSURE DISTORTION	0.0	0.0	0.0	1.000

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
1	TANGT	1	93	1	1	70.00	300.00	0.0	0.0	0.0	1	II	6
2	TANGT	93	94	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
3	TANGT	94	2	1	1	70.00	300.00	0.0	0.0	0.0	1	II	528
4	BEND	2	3	1	15	70.00	300.00					IC	
						(14.000)	( )	(-1466.904)	(7482.000)	(750.537)	(0.1000)		
													12
5	TANGT	3	4	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
6	BEND	4	5	1	15	70.00	300.00					IC	
						(21.000)	(CC)	(-1448.437)	(7514.000)	(740.537)	(0.1000)		
													12
7	BEND	5	95	1	15	70.00	300.00					IC	
						(21.000)	(CC)	(-1448.437)	(7514.000)	(740.537)	(0.1000)		
													516
8	TANGT	95	6	1	1	70.00	300.00	0.0	0.0	0.0	1	II	510
9	TANGT	6	96	1	20	70.00	300.00	0.0	0.0	0.0	1	II	516
10	TANGT	6	97	1	1	70.00	300.00	0.0	0.0	0.0	1	II	522
11	TANGT	97	98	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
12	TANGT	98	7	1	1	70.00	300.00	0.0	0.0	0.0	1	II	522
13	BEND	7	8	1	1	70.00	300.00					IC	
						(426.000)	( )	(-1338.626)	(7535.000)	(681.081)	(0.1000)		
													12
14	TANGT	8	99	1	1	70.00	300.00	0.0	0.0	0.0	1	II	522
15	TANGT	99	100	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
16	TANGT	100	101	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
17	TANGT	101	9	1	1	70.00	300.00	0.0	0.0	0.0	1	II	528
18	TANGT	9	103	1	19	70.00	300.00	0.0	0.0	0.0	1	II	540
19	TANGT	9	102	1	1	70.00	300.00	0.0	0.0	0.0	1	II	534
20	TANGT	102	10	1	1	70.00	300.00	0.0	0.0	0.0	1	II	528
21	BEND	10	11	1	1	70.00	300.00					IC	
						(162.000)	( )	(-1154.000)	(7535.000)	(496.477)	(0.1000)		
													12
22	TANGT	11	104	1	1	70.00	300.00	0.0	0.0	0.0	1	II	534
23	TANGT	107	12	2	16	70.00	300.00	0.0	0.0	0.0	1	II	546
24	BEND	12	13	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1154.000)	(7535.000)	(340.000)	(0.1000)		
													12
25	TANGT	13	108	2	16	70.00	300.00	0.0	0.0	0.0	1	II	546
26	TANGT	108	109	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
27	TANGT	109	110	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
28	TANGT	110	111	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
29	TANGT	114	115	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
30	TANGT	115	116	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
31	TANGT	116	117	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
32	TANGT	116	118	2	29	70.00	300.00	0.0	0.0	0.0	1	II	18
33	TANGT	117	119	2	6	70.00	300.00	0.0	0.0	0.0	1	II	18
34	TANGT	118	120	2	29	70.00	300.00	0.0	0.0	0.0	1	II	18
35	TANGT	108	122	2	16	70.00	300.00	0.0	0.0	0.0	1	II	90
36	TANGT	122	123	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
37	TANGT	123	124	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
38	TANGT	124	125	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
39	TANGT	128	129	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
40	TANGT	129	14	2	16	70.00	300.00	0.0	0.0	0.0	1	II	666
41	TANGT	14	130	2	16	70.00	300.00	0.0	0.0	0.0	1	II	672
42	TANGT	14	131	2	16	70.00	300.00	0.0	0.0	0.0	1	II	678
43	TANGT	131	15	2	16	70.00	300.00	0.0	0.0	0.0	1	II	672
44	BEND	15	16	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1329.000)	(7535.000)	(243.000)	(0.1000)		12
45	TANGT	16	132	2	16	70.00	300.00	0.0	0.0	0.0	1	II	672
46	TANGT	132	17	2	16	70.00	300.00	0.0	0.0	0.0	1	II	666
47	BEND	17	18	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1452.000)	(7535.000)	(243.000)	(0.1000)		12
48	TANGT	18	19	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
49	BEND	19	20	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1476.000)	(7535.000)	(267.000)	(0.1000)		12
50	TANGT	20	133	2	16	70.00	300.00	0.0	0.0	0.0	1	II	654
51	TANGT	133	21	2	16	70.00	300.00	0.0	0.0	0.0	1	II	648
52	BEND	21	22	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1560.000)	(7535.000)	(267.000)	(0.1000)		12
53	TANGT	22	23	2	17	70.00	300.00	0.0	0.0	0.0	1	II	12
54	TANGT	24	195	1	1	70.00	300.00	0.0	0.0	0.0	1	II	6
55	TANGT	195	194	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
56	TANGT	194	25	1	1	70.00	300.00	0.0	0.0	0.0	1	II	996
57	BEND	25	26	1	15	70.00	300.00					IC	
						(21.000)	( )	(-1893.625)	(7482.000)	(738.000)	(0.1000)		12
58	TANGT	26	27	1	15	70.00	300.00	0.0	0.0	0.0	1	II	12
59	BEND	27	28	1	15	70.00	300.00					IC	
						(21.000)	( )	(-1893.625)	(7535.000)	(738.000)	(0.1000)		12
60	TANGT	28	29	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
61	TANGT	29	193	1	21	70.00	300.00	0.0	0.0	0.0	1	II	966
62	TANGT	29	192	1	1	70.00	300.00	0.0	0.0	0.0	1	II	960
63	TANGT	192	191	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
64	TANGT	191	190	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
65	TANGT	190	30	1	1	70.00	300.00	0.0	0.0	0.0	1	II	942
66	BEND	30	165	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		792
67	BEND	165	164	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		12
68	BEND	164	163	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		12
69	BEND	163	162	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		12

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
70	BEND	162	161	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		12
71	BEND	161	160	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		12
72	TANGT	31	159	1	1	70.00	300.00	0.0	0.0	0.0	1	II	750
73	TANGT	156	155	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
74	TANGT	155	32	2	16	70.00	300.00	0.0	0.0	0.0	1	II	720
75	BEND	32	33	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1230.093)	(7535.000)	(538.656)	(0.1000)		12
76	TANGT	33	141	2	16	70.00	300.00	0.0	0.0	0.0	1	II	630
77	TANGT	141	142	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
78	TANGT	142	143	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
79	TANGT	143	144	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
80	TANGT	147	148	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
81	TANGT	148	149	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
82	TANGT	149	150	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
83	TANGT	149	151	2	29	70.00	300.00	0.0	0.0	0.0	1	II	18
84	TANGT	150	152	2	6	70.00	300.00	0.0	0.0	0.0	1	II	18
85	TANGT	151	153	2	29	70.00	300.00	0.0	0.0	0.0	1	II	18
86	TANGT	141	140	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
87	TANGT	140	139	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
88	TANGT	139	34	2	16	70.00	300.00	0.0	0.0	0.0	1	II	612
89	BEND	34	35	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1329.000)	(7535.000)	(439.750)	(0.1000)		12
90	TANGT	35	138	2	16	70.00	300.00	0.0	0.0	0.0	1	II	600
91	TANGT	135	134	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
92	TANGT	134	130	2	16	70.00	300.00	0.0	0.0	0.0	1	II	30
93	TANGT	96	36	1	20	70.00	300.00	0.0	0.0	0.0	1	II	342
94	BEND	36	37	1	20	70.00	300.00					IC	
						(9.000)	( )	(-1427.158)	(7535.000)	(756.715)	(0.1000)		12
95	TANGT	37	166	1	21	70.00	300.00	0.0	0.0	0.0	1	II	756
96	TANGT	168	169	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
97	TANGT	169	170	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
98	TANGT	170	171	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
99	TANGT	171	172	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
100	TANGT	172	173	1	14	70.00	0.0	0.0	0.0	0.0	1	II	12
101	TANGT	173	174	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
102	TANGT	170	175	1	4	70.00	0.0	0.0	0.0	0.0	1	II	36
103	TANGT	175	39	1	4	70.00	0.0	0.0	0.0	0.0	1	II	798
104	BEND	39	40	1	4	70.00	0.0					IC	
						(9.000)	( )	(-1504.064)	(7659.000)	(773.062)	(0.1000)		12
105	TANGT	40	176	1	4	70.00	0.0	0.0	0.0	0.0	1	II	798
106	TANGT	176	41	1	4	70.00	0.0	0.0	0.0	0.0	1	II	792
107	BEND	41	42	1	4	70.00	0.0					IC	
						(9.000)	( )	(-1504.064)	(7634.000)	(773.062)	(0.1000)		12

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
108	TANGT	42	43	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
109	BEND	43	44	1	4	70.00	0.0					IC	
						(9.000)	( )	(-1504.064)	(7634.000)	(738.625)	(0.1000)		
													12
110	TANGT	44	177	1	4	70.00	0.0	0.0	0.0	0.0	1	II	780
111	TANGT	177	178	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
112	TANGT	178	45	1	4	70.00	0.0	0.0	0.0	0.0	1	II	780
113	BEND	45	46	1	4	70.00	0.0					IC	
						(9.000)	( )	(-1710.000)	(7634.000)	(738.625)	(0.1000)		
													12
114	TANGT	46	179	1	4	70.00	0.0	0.0	0.0	0.0	1	II	780
115	TANGT	179	180	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
116	TANGT	180	181	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
117	TANGT	181	182	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
118	TANGT	182	183	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
119	TANGT	183	59	1	3	70.00	0.0	0.0	0.0	0.0	1	II	726
120	TANGT	59	184	1	4	70.00	0.0	0.0	0.0	0.0	1	II	732
121	TANGT	59	185	1	3	70.00	0.0	0.0	0.0	0.0	1	II	738
122	TANGT	185	47	1	3	70.00	0.0	0.0	0.0	0.0	1	II	810
123	BEND	47	48	1	3	70.00	0.0					IC	
						(15.000)	( )	(-2076.503)	(7634.000)	(626.573)	(0.1000)		
													12
124	TANGT	48	186	1	3	70.00	0.0	0.0	0.0	0.0	1	II	810
125	TANGT	186	187	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
126	TANGT	187	188	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
127	TANGT	188	49	1	3	70.00	0.0	0.0	0.0	0.0	1	II	816
128	BEND	49	50	1	3	70.00	0.0					IC	
						(15.000)	( )	(-2200.702)	(7634.000)	(486.174)	(0.1000)		
													12
129	TANGT	50	189	1	3	70.00	0.0	0.0	0.0	0.0	1	II	816
130	BEND	51	52	1	3	70.00	0.0					IC	
						(15.000)	( )	(-2173.739)	(7634.000)	(462.319)	(0.1000)		
													12
131	TANGT	52	53	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
132	TANGT	184	58	1	4	70.00	0.0	0.0	0.0	0.0	1	II	738
133	BEND	58	57	1	4	70.00	0.0					IC	
						(9.000)	( )	(-2051.405)	(7659.000)	(633.640)	(0.1000)		
													12
134	TANGT	57	208	1	4	70.00	0.0	0.0	0.0	0.0	1	II	888
135	TANGT	208	207	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
136	TANGT	207	206	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
137	TANGT	206	205	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
138	TANGT	205	204	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
139	TANGT	204	203	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
140	BEND	203	202	1	7	70.00	0.0					IC	
						(4.000)	( )	(-1883.096)	(7649.625)	(685.098)	(0.1000)		
													12
141	TANGT	202	201	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
142	TANGT	201	200	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
143	TANGT	200	199	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12

P I P E E L E M E N T I N P U T D A T A

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
144	TANGT	199	56	1	4	70.00	0.0	0.0	0.0	0.0	1	II	840
145	BEND	56	55	1	4	70.00	0.0					IC	
						(9.000)	( )	(-1848.669)	(7659.000)	(695.623)	(0.1000)		
													12
146	TANGT	55	252	1	4	70.00	0.0	0.0	0.0	0.0	1	II	1164
147	TANGT	196	193	1	21	70.00	300.00	0.0	0.0	0.0	1	II	24
148	TANGT	103	60	1	19	70.00	300.00	0.0	0.0	0.0	1	II	240
149	BEND	60	61	1	19	70.00	300.00					IC	
						(15.000)	( )	(-1214.175)	(7572.000)	(556.653)	(0.1000)		
													12
150	TANGT	61	209	1	18	70.00	300.00	0.0	0.0	0.0	1	II	870
151	TANGT	212	213	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
152	TANGT	213	62	1	3	70.00	0.0	0.0	0.0	0.0	1	II	888
153	BEND	62	63	1	3	70.00	0.0					IC	
						(15.000)	( )	(-1172.937)	(7572.000)	(454.625)	(0.1000)		
													12
154	TANGT	63	64	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
155	BEND	64	65	1	3	70.00	0.0					IC	
						(15.000)	( )	(-1072.875)	(7572.000)	(454.625)	(0.1000)		
													12
156	TANGT	65	66	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
157	BEND	66	67	1	3	70.00	0.0					IC	
						(15.000)	( )	(-1072.875)	(7632.000)	(454.625)	(0.1000)		
													12
158	TANGT	67	214	1	3	70.00	0.0	0.0	0.0	0.0	1	II	864
159	TANGT	214	68	1	3	70.00	0.0	0.0	0.0	0.0	1	II	858
160	BEND	68	69	1	3	70.00	0.0					IC	
						(15.000)	( )	(-980.125)	(7632.000)	(294.000)	(0.1000)		
													12
161	TANGT	69	215	1	3	70.00	0.0	0.0	0.0	0.0	1	II	858
162	TANGT	215	70	1	3	70.00	0.0	0.0	0.0	0.0	1	II	852
163	TANGT	70	216	1	2	70.00	0.0	0.0	0.0	0.0	1	II	858
164	TANGT	70	217	1	2	70.00	0.0	0.0	0.0	0.0	1	II	864
165	BEND	217	71	1	2	70.00	0.0					IC	
						(18.000)	(CC)	(-970.125)	(7614.000)	(250.000)	(0.1000)		
													858
166	BEND	71	72	1	2	70.00	0.0					IC	
						(18.000)	(CC)	(-970.125)	(7614.000)	(250.000)	(0.1000)		
													12
167	TANGT	72	218	1	2	70.00	0.0	0.0	0.0	0.0	1	II	858
168	TANGT	218	219	1	2	70.00	0.0	0.0	0.0	0.0	1	II	12
169	TANGT	222	223	1	2	70.00	0.0	0.0	0.0	0.0	1	II	12
170	TANGT	226	73	1	2	70.00	0.0	0.0	0.0	0.0	1	II	900
171	BEND	73	74	1	2	70.00	0.0					IC	
						(18.000)	( )	(-952.125)	(7482.000)	(250.000)	(0.1000)		
													12
172	TANGT	74	227	1	2	70.00	0.0	0.0	0.0	0.0	1	II	900
173	TANGT	227	75	1	2	70.00	0.0	0.0	0.0	0.0	1	II	6
174	TANGT	216	228	1	2	70.00	0.0	0.0	0.0	0.0	1	II	78
175	TANGT	228	76	1	2	70.00	0.0	0.0	0.0	0.0	1	II	900

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
176	TANGT	76	77	1	2	70.00	0.0	0.0	0.0	0.0	1	II	12
177	BEND	77	78	1	2	70.00	0.0					IC	
						(18.000)	( )	(-1056.000)	(7632.000)	(250.000)	(0.1000)		
													12
178	TANGT	78	231	1	2	70.00	0.0	0.0	0.0	0.0	1	II	906
179	TANGT	231	232	1	2	70.00	0.0	0.0	0.0	0.0	1	II	12
180	TANGT	235	79	1	2	70.00	0.0	0.0	0.0	0.0	1	II	924
181	BEND	79	80	1	2	70.00	0.0					IC	
						(18.000)	( )	(-1056.000)	(7932.000)	(250.000)	(0.1000)		
													12
182	TANGT	80	81	1	2	70.00	0.0	0.0	0.0	0.0	1	II	6
183	TANGT	76	229	1	5	70.00	0.0	0.0	0.0	0.0	1	II	906
184	TANGT	229	230	1	5	70.00	0.0	0.0	0.0	0.0	1	II	12
185	TANGT	230	236	1	5	70.00	0.0	0.0	0.0	0.0	1	II	42
186	TANGT	236	237	1	5	70.00	0.0	0.0	0.0	0.0	1	II	12
187	TANGT	240	82	1	5	70.00	0.0	0.0	0.0	0.0	1	II	942
188	BEND	82	83	1	5	70.00	0.0					IC	
						(6.000)	( )	(-1012.125)	(7494.000)	(250.000)	(0.1000)		
													12
189	TANGT	83	84	1	5	70.00	0.0	0.0	0.0	0.0	1	II	12
190	BEND	84	85	1	5	70.00	0.0					IC	
						(6.000)	( )	(-984.000)	(7494.000)	(240.000)	(0.1000)		
													12
191	TANGT	85	241	1	5	70.00	0.0	0.0	0.0	0.0	1	II	930
192	TANGT	241	86	1	5	70.00	0.0	0.0	0.0	0.0	1	II	924
193	TANGT	86	242	1	5	70.00	0.0	0.0	0.0	0.0	1	II	930
194	TANGT	86	243	1	5	70.00	0.0	0.0	0.0	0.0	1	II	936
195	BEND	242	87	1	5	70.00	0.0					IC	
						(6.000)	(CC)	(-979.875)	(7440.000)	(246.000)	(0.1000)		
													924
196	BEND	87	88	1	5	70.00	0.0					IC	
						(6.000)	(CC)	(-979.875)	(7440.000)	(246.000)	(0.1000)		
													12
197	TANGT	88	244	1	5	70.00	0.0	0.0	0.0	0.0	1	II	930
198	TANGT	247	89	1	5	70.00	0.0	0.0	0.0	0.0	1	II	6
199	BEND	243	90	1	5	70.00	0.0					IC	
						(6.000)	(CC)	(-988.125)	(7440.000)	(234.000)	(0.1000)		
													918
200	BEND	90	91	1	5	70.00	0.0					IC	
						(6.000)	(CC)	(-988.125)	(7440.000)	(234.000)	(0.1000)		
													12
201	TANGT	91	248	1	5	70.00	0.0	0.0	0.0	0.0	1	II	942
202	TANGT	251	92	1	5	70.00	0.0	0.0	0.0	0.0	1	II	6
203	BEND	160	31	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		
													756
204	TANGT	189	51	1	3	70.00	0.0	0.0	0.0	0.0	1	II	810
205	TANGT	200	206	1	4	70.00	0.0	0.0	0.0	0.0	1	II	42
206	TANGT	104	105	2	22	70.00	0.0	0.0	0.0	0.0	1	II	12
207	TANGT	105	106	2	23	70.00	0.0	0.0	0.0	0.0	1	II	12

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
208	TANGT	105	107	2	22	70.00	0.0	0.0	0.0	0.0	1	II	18
209	TANGT	111	112	2	13	70.00	0.0	0.0	0.0	0.0	1	II	12
210	TANGT	112	113	2	26	70.00	0.0	0.0	0.0	0.0	1	II	12
211	TANGT	112	114	2	13	70.00	0.0	0.0	0.0	0.0	1	II	18
212	TANGT	125	126	2	8	70.00	0.0	0.0	0.0	0.0	1	II	12
213	TANGT	126	127	2	23	70.00	0.0	0.0	0.0	0.0	1	II	12
214	TANGT	126	128	2	8	70.00	0.0	0.0	0.0	0.0	1	II	18
215	TANGT	135	136	2	8	70.00	0.0	0.0	0.0	0.0	1	II	12
216	TANGT	136	137	2	23	70.00	0.0	0.0	0.0	0.0	1	II	12
217	TANGT	136	138	2	8	70.00	0.0	0.0	0.0	0.0	1	II	18
218	TANGT	144	145	2	13	70.00	0.0	0.0	0.0	0.0	1	II	12
219	TANGT	145	146	2	26	70.00	0.0	0.0	0.0	0.0	1	II	12
220	TANGT	145	147	2	13	70.00	0.0	0.0	0.0	0.0	1	II	18
221	TANGT	153	154	2	14	70.00	0.0	0.0	0.0	0.0	1	II	12
222	TANGT	156	157	2	22	70.00	0.0	0.0	0.0	0.0	1	II	12
223	TANGT	157	158	2	23	70.00	0.0	0.0	0.0	0.0	1	II	12
224	TANGT	157	159	2	22	70.00	0.0	0.0	0.0	0.0	1	II	18
225	TANGT	166	38	1	11	70.00	300.00	0.0	0.0	0.0	1	II	750
226	TANGT	38	167	1	25	70.00	300.00	0.0	0.0	0.0	1	II	756
227	TANGT	38	168	1	11	70.00	300.00	0.0	0.0	0.0	1	II	762
228	TANGT	198	54	1	11	70.00	300.00	0.0	0.0	0.0	1	II	846
229	TANGT	54	197	1	25	70.00	300.00	0.0	0.0	0.0	1	II	840
230	TANGT	54	196	1	11	70.00	300.00	0.0	0.0	0.0	1	II	834
231	TANGT	209	210	1	10	70.00	300.00	0.0	0.0	0.0	1	II	12
232	TANGT	210	211	1	24	70.00	300.00	0.0	0.0	0.0	1	II	12
233	TANGT	210	212	1	10	70.00	300.00	0.0	0.0	0.0	1	II	18
234	TANGT	219	220	1	9	70.00	0.0	0.0	0.0	0.0	1	II	12
235	TANGT	220	221	1	27	70.00	0.0	0.0	0.0	0.0	1	II	12
236	TANGT	220	222	1	9	70.00	0.0	0.0	0.0	0.0	1	II	18
237	TANGT	223	224	1	9	70.00	0.0	0.0	0.0	0.0	1	II	12
238	TANGT	224	225	1	27	70.00	0.0	0.0	0.0	0.0	1	II	12
239	TANGT	224	226	1	9	70.00	0.0	0.0	0.0	0.0	1	II	18
240	TANGT	232	233	1	9	70.00	0.0	0.0	0.0	0.0	1	II	12
241	TANGT	233	234	1	27	70.00	0.0	0.0	0.0	0.0	1	II	12
242	TANGT	233	235	1	9	70.00	0.0	0.0	0.0	0.0	1	II	18
243	TANGT	244	245	1	12	70.00	0.0	0.0	0.0	0.0	1	II	12
244	TANGT	245	246	1	28	70.00	0.0	0.0	0.0	0.0	1	II	12
245	TANGT	245	247	1	12	70.00	0.0	0.0	0.0	0.0	1	II	18
246	TANGT	248	249	1	12	70.00	0.0	0.0	0.0	0.0	1	II	12
247	TANGT	249	250	1	28	70.00	0.0	0.0	0.0	0.0	1	II	12
248	TANGT	249	251	1	12	70.00	0.0	0.0	0.0	0.0	1	II	18
249	TANGT	237	238	1	12	70.00	0.0	0.0	0.0	0.0	1	II	12
250	TANGT	238	239	1	28	70.00	0.0	0.0	0.0	0.0	1	II	12
251	TANGT	238	240	1	12	70.00	0.0	0.0	0.0	0.0	1	II	18
252	TANGT	120	121	2	14	70.00	300.00	0.0	0.0	0.0	1	II	12
253	TANGT	252	198	1	4	70.00	0.0	0.0	0.0	0.0	1	II	330

BRANCH POINT DATA

BRANCH POINT	NODE NUMBER	CONNECTIONS...			
1	6	-8AT J	9AT I	10AT I	0NONE
2	9	-17AT J	18AT I	19AT I	0NONE
3	14	-40AT J	41AT I	42AT I	0NONE
4	29	-60AT J	61AT I	62AT I	0NONE
5	59	-119AT J	120AT I	121AT I	0NONE
6	70	-162AT J	163AT I	164AT I	0NONE
7	76	-175AT J	176AT I	183AT I	0NONE
8	86	-192AT J	193AT I	194AT I	0NONE
9	108	-25AT J	26AT I	35AT I	0NONE
10	116	-30AT J	31AT I	32AT I	0NONE
11	141	-76AT J	77AT I	86AT I	0NONE
12	149	-81AT J	82AT I	83AT I	0NONE
13	170	-97AT J	98AT I	102AT I	0NONE
14	200	-142AT J	143AT I	205AT I	0NONE
15	206	-136AT J	137AT I	-205AT J	0NONE

B O U N D A R Y E L E M E N T S

ELEMENT TYPE = 7
NUMBER OF ELEMENTS = 37

ELEMENT LOAD CASE MULTIPLIERS

CASE(A)	CASE(B)	CASE(C)	CASE(D)
0.0	0.0	1.0000	0.0

ELEMENT NUMBER	NODE (N)	NODES DEFINING CONSTRAINT DIRECTION (NI)	(NJ)	(NK)	(NL)	CODE KD	CODE KR	GENERATION CODE (KN)	SPECIFIED DISPLACEMENT	SPECIFIED ROTATION	SPRING RATE
1	23	306	0	0	0	1	1	0	0.3000D-03	0.4600D-03	0.1000D+14
2	23	307	0	0	0	1	1	0	-0.7700D-02	-0.1000D-04	0.1000D+14
3	23	308	0	0	0	1	1	0	0.9899D+00	0.0	0.1000D+14
4	53	309	0	0	0	1	1	0	-0.2780D-01	0.0	0.1000D+14
5	53	310	0	0	0	1	1	0	0.7760D-01	0.0	0.1000D+14
6	53	311	0	0	0	1	1	0	0.3260D-01	0.0	0.1000D+14
7	98	253	0	0	0	1	0	0	0.0	0.0	0.1000D+11
8	10	256	0	0	0	1	0	0	0.0	0.0	0.1000D+11
9	12	257	0	0	0	1	0	0	0.0	0.0	0.1000D+11
10	117	258	0	0	0	1	0	0	0.0	0.0	0.1000D+11
11	122	260	0	0	0	1	0	0	0.0	0.0	0.1000D+11
12	132	262	0	0	0	1	0	0	0.0	0.0	0.1000D+11
13	134	265	0	0	0	1	0	0	0.0	0.0	0.1000D+11
14	140	267	0	0	0	1	0	0	0.0	0.0	0.1000D+11
15	150	269	0	0	0	1	0	0	0.0	0.0	0.1000D+11
16	155	271	0	0	0	1	0	0	0.0	0.0	0.1000D+11
17	160	273	0	0	0	1	0	0	0.0	0.0	0.1000D+11
18	162	274	0	0	0	1	0	0	0.0	0.0	0.1000D+11
19	190	290	0	0	0	1	0	0	0.0	0.0	0.1000D+11
20	190	291	0	0	0	1	0	0	0.0	0.0	0.1000D+11
21	181	285	0	0	0	1	0	0	0.0	0.0	0.1000D+11
22	199	293	0	0	0	1	0	0	0.0	0.0	0.1000D+11
23	208	295	0	0	0	1	0	0	0.0	0.0	0.1000D+11
24	191	292	0	0	0	1	0	0	0.0	0.0	0.1000D+11
25	213	296	0	0	0	1	0	0	0.0	0.0	0.1000D+11
26	214	297	0	0	0	1	0	0	0.0	0.0	0.1000D+11
27	218	298	0	0	0	1	0	0	0.0	0.0	0.1000D+11
28	228	299	0	0	0	1	0	0	0.0	0.0	0.1000D+11
29	231	301	0	0	0	1	0	0	0.0	0.0	0.1000D+11
30	231	300	0	0	0	1	0	0	0.0	0.0	0.1000D+11
31	236	303	0	0	0	1	0	0	0.0	0.0	0.1000D+11
32	236	302	0	0	0	1	0	0	0.0	0.0	0.1000D+11
33	169	277	0	0	0	1	0	0	0.0	0.0	0.1000D+11
34	176	279	0	0	0	1	0	0	0.0	0.0	0.1000D+11
35	177	281	0	0	0	1	0	0	0.0	0.0	0.1000D+11
36	178	282	0	0	0	1	0	0	0.0	0.0	0.1000D+11
37	179	283	0	0	0	1	0	0	0.0	0.0	0.1000D+11

B O U N D A R Y E L E M E N T S

ELEMENT TYPE = 7
NUMBER OF ELEMENTS = 2

ELEMENT LOAD CASE MULTIPLIERS

CASE(A)	CASE(B)	CASE(C)	CASE(D)
1.0000	0.0	0.0	0.0

ELEMENT NUMBER	NODE (N)	NODES DEFINING CONSTRAINT DIRECTION (NI)	(NJ)	(NK)	(NL)	CODE KD	CODE KR	GENERATION CODE (KN)	SPECIFIED DISPLACEMENT	SPECIFIED ROTATION	SPRING RATE
1	133	264	0	0	0	1	0	0	0.0	0.0	0.9000D+03
2	189	289	0	0	0	1	0	0	0.0	0.0	0.5000D+03

B A N D W I D T H M I N I M I Z A T I O N

MINBND (BANDWIDTH CONTROL PARAMETER)= 1

REQUIRED BLANK COMMON FOR THIS STEP= 1715

REQUIRED BLANK COMMON FOR THIS STEP= 2915

EQUATION NUMBERS AFTER BANDWIDTH MINIMIZATION

NODE	SEQUENCE	X	Y	Z	XX	YY	ZZ
1	247	0	0	0	0	0	0
2	140	835	836	837	838	839	840
3	144	859	860	861	862	863	864
4	148	883	884	885	886	887	888
5	152	907	908	909	910	911	912
6	157	937	938	939	940	941	942
7	164	979	980	981	982	983	984
8	166	991	992	993	994	995	996
9	173	1033	1034	1035	1036	1037	1038
10	169	1009	1010	1011	1012	1013	1014
11	167	997	998	999	1000	1001	1002
12	158	943	944	945	946	947	948
13	156	931	932	933	934	935	936
14	118	703	704	705	706	707	708
15	107	637	638	639	640	641	642
16	103	613	614	615	616	617	618
17	96	571	572	573	574	575	576
18	93	553	554	555	556	557	558
19	90	535	536	537	538	539	540
20	87	517	518	519	520	521	522
21	81	481	482	483	484	485	486
22	77	457	458	459	460	461	462
23	73	433	434	435	436	437	438
24	248	0	0	0	0	0	0
25	3	13	14	15	16	17	18
26	4	19	20	21	22	23	24
27	7	37	38	39	40	41	42
28	10	55	56	57	58	59	60
29	13	73	74	75	76	77	78
30	29	169	170	171	172	173	174
31	57	337	338	339	340	341	342
32	75	445	446	447	448	449	450
33	79	469	470	471	472	473	474
34	91	541	542	543	544	545	546
35	94	559	560	561	562	563	564
36	151	901	902	903	904	905	906
37	147	877	878	879	880	881	882
38	139	829	830	831	832	833	834
39	116	691	692	693	694	695	696
40	110	655	656	657	658	659	660
41	102	607	608	609	610	611	612
42	99	589	590	591	592	593	594
43	95	565	566	567	568	569	570
44	92	547	548	549	550	551	552
45	83	493	494	495	496	497	498
46	80	475	476	477	478	479	480
47	49	289	290	291	292	293	294
48	44	259	260	261	262	263	264
49	30	175	176	177	178	179	180

50	25	145	146	147	148	149	150
51	17	97	98	99	100	101	102
52	14	79	80	81	82	83	84
53	11	61	62	63	64	65	66
54	8	43	44	45	46	47	48
55	18	103	104	105	106	107	108
56	21	121	122	123	124	125	126
57	45	265	266	267	268	269	270
58	50	295	296	297	298	299	300
59	58	343	344	345	346	347	348
60	175	1045	1046	1047	1048	1049	1050
61	176	1051	1052	1053	1054	1055	1056
62	187	1117	1118	1119	1120	1121	1122
63	189	1129	1130	1131	1132	1133	1134
64	191	1141	1142	1143	1144	1145	1146
65	194	1159	1160	1161	1162	1163	1164
66	196	1171	1172	1173	1174	1175	1176
67	199	1189	1190	1191	1192	1193	1194
68	206	1231	1232	1233	1234	1235	1236
69	209	1249	1250	1251	1252	1253	1254
70	214	1279	1280	1281	1282	1283	1284
71	208	1243	1244	1245	1246	1247	1248
72	205	1225	1226	1227	1228	1229	1230
73	183	1093	1094	1095	1096	1097	1098
74	181	1081	1082	1083	1084	1085	1086
75	249	0	0	0	0	0	0
76	219	1309	1310	1311	1312	1313	1314
77	217	1297	1298	1299	1300	1301	1302
78	215	1285	1286	1287	1288	1289	1290
79	200	1195	1196	1197	1198	1199	1200
80	197	1177	1178	1179	1180	1181	1182
81	250	0	0	0	0	0	0
82	230	1375	1376	1377	1378	1379	1380
83	232	1387	1388	1389	1390	1391	1392
84	234	1399	1400	1401	1402	1403	1404
85	236	1411	1412	1413	1414	1415	1416
86	239	1429	1430	1431	1432	1433	1434
87	241	1441	1442	1443	1444	1445	1446
88	242	1447	1448	1449	1450	1451	1452
89	251	0	0	0	0	0	0
90	235	1405	1406	1407	1408	1409	1410
91	233	1393	1394	1395	1396	1397	1398
92	252	0	0	0	0	0	0
93	130	775	776	777	778	779	780
94	136	811	812	813	814	815	816
95	155	925	926	927	928	929	930
96	154	919	920	921	922	923	924
97	159	949	950	951	952	953	954
98	162	967	968	969	970	971	972
99	168	1003	1004	1005	1006	1007	1008
100	170	1015	1016	1017	1018	1019	1020
101	172	1027	1028	1029	1030	1031	1032
102	171	1021	1022	1023	1024	1025	1026
103	174	1039	1040	1041	1042	1043	1044
104	165	985	986	987	988	989	990
105	163	973	974	975	976	977	978
106	161	961	962	963	964	965	966
107	160	955	956	957	958	959	960
108	153	913	914	915	916	917	918
109	150	895	896	897	898	899	900

110	146	871	872	873	874	875	876
111	142	847	848	849	850	851	852
112	138	823	824	825	826	827	828
113	133	793	794	795	796	797	798
114	132	787	788	789	790	791	792
115	128	763	764	765	766	767	768
116	124	739	740	741	742	743	744
117	120	715	716	717	718	719	720
118	119	709	710	711	712	713	714
119	115	685	686	687	688	689	690
120	114	679	680	681	682	683	684
121	109	649	650	651	652	653	654
122	149	889	890	891	892	893	894
123	145	865	866	867	868	869	870
124	141	841	842	843	844	845	846
125	137	817	818	819	820	821	822
126	131	781	782	783	784	785	786
127	127	757	758	759	760	761	762
128	126	751	752	753	754	755	756
129	123	733	734	735	736	737	738
130	113	673	674	675	676	677	678
131	112	667	668	669	670	671	672
132	100	595	596	597	598	599	600
133	84	499	500	501	502	503	504
134	108	643	644	645	646	647	648
135	104	619	620	621	622	623	624
136	101	601	602	603	604	605	606
137	98	583	584	585	586	587	588
138	97	577	578	579	580	581	582
139	88	523	524	525	526	527	528
140	85	505	506	507	508	509	510
141	82	487	488	489	490	491	492
142	78	463	464	465	466	467	468
143	74	439	440	441	442	443	444
144	70	415	416	417	418	419	420
145	67	397	398	399	400	401	402
146	64	379	380	381	382	383	384
147	63	373	374	375	376	377	378
148	59	349	350	351	352	353	354
149	56	331	332	333	334	335	336
150	52	307	308	309	310	311	312
151	51	301	302	303	304	305	306
152	47	277	278	279	280	281	282
153	46	271	272	273	274	275	276
154	42	247	248	249	250	251	252
155	71	421	422	423	424	425	426
156	68	403	404	405	406	407	408
157	65	385	386	387	388	389	390
158	61	361	362	363	364	365	366
159	60	355	356	357	358	359	360
160	53	313	314	315	316	317	318
161	48	283	284	285	286	287	288
162	43	253	254	255	256	257	258
163	39	229	230	231	232	233	234
164	36	211	212	213	214	215	216
165	33	193	194	195	196	197	198
166	143	853	854	855	856	857	858
167	135	805	806	807	808	809	810
168	134	799	800	801	802	803	804
169	129	769	770	771	772	773	774

170	125	745	746	747	748	749	750
171	122	727	728	729	730	731	732
172	117	697	698	699	700	701	702
173	111	661	662	663	664	665	666
174	106	631	632	633	634	635	636
175	121	721	722	723	724	725	726
176	105	625	626	627	628	629	630
177	89	529	530	531	532	533	534
178	86	511	512	513	514	515	516
179	76	451	452	453	454	455	456
180	72	427	428	429	430	431	432
181	69	409	410	411	412	413	414
182	66	391	392	393	394	395	396
183	62	367	368	369	370	371	372
184	55	325	326	327	328	329	330
185	54	319	320	321	322	323	324
186	40	235	236	237	238	239	240
187	37	217	218	219	220	221	222
188	34	199	200	201	202	203	204
189	20	115	116	117	118	119	120
190	24	139	140	141	142	143	144
191	19	109	110	111	112	113	114
192	16	91	92	93	94	95	96
193	9	49	50	51	52	53	54
194	2	7	8	9	10	11	12
195	1	1	2	3	4	5	6
196	6	31	32	33	34	35	36
197	5	25	26	27	28	29	30
198	12	67	68	69	70	71	72
199	26	151	152	153	154	155	156
200	31	181	182	183	184	185	186
201	27	157	158	159	160	161	162
202	22	127	128	129	130	131	132
203	23	133	134	135	136	137	138
204	28	163	164	165	166	167	168
205	32	187	188	189	190	191	192
206	35	205	206	207	208	209	210
207	38	223	224	225	226	227	228
208	41	241	242	243	244	245	246
209	177	1057	1058	1059	1060	1061	1062
210	180	1075	1076	1077	1078	1079	1080
211	178	1063	1064	1065	1066	1067	1068
212	182	1087	1088	1089	1090	1091	1092
213	184	1099	1100	1101	1102	1103	1104
214	202	1207	1208	1209	1210	1211	1212
215	212	1267	1268	1269	1270	1271	1272
216	216	1291	1292	1293	1294	1295	1296
217	211	1261	1262	1263	1264	1265	1266
218	201	1201	1202	1203	1204	1205	1206
219	198	1183	1184	1185	1186	1187	1188
220	195	1165	1166	1167	1168	1169	1170
221	193	1153	1154	1155	1156	1157	1158
222	192	1147	1148	1149	1150	1151	1152
223	190	1135	1136	1137	1138	1139	1140
224	188	1123	1124	1125	1126	1127	1128
225	186	1111	1112	1113	1114	1115	1116
226	185	1105	1106	1107	1108	1109	1110
227	179	1069	1070	1071	1072	1073	1074
228	218	1303	1304	1305	1306	1307	1308
229	220	1315	1316	1317	1318	1319	1320

230	221	1321	1322	1323	1324	1325	1326
231	213	1273	1274	1275	1276	1277	1278
232	210	1255	1256	1257	1258	1259	1260
233	207	1237	1238	1239	1240	1241	1242
234	204	1219	1220	1221	1222	1223	1224
235	203	1213	1214	1215	1216	1217	1218
236	222	1327	1328	1329	1330	1331	1332
237	223	1333	1334	1335	1336	1337	1338
238	225	1345	1346	1347	1348	1349	1350
239	224	1339	1340	1341	1342	1343	1344
240	228	1363	1364	1365	1366	1367	1368
241	238	1423	1424	1425	1426	1427	1428
242	240	1435	1436	1437	1438	1439	1440
243	237	1417	1418	1419	1420	1421	1422
244	243	1453	1454	1455	1456	1457	1458
245	245	1465	1466	1467	1468	1469	1470
246	246	1471	1472	1473	1474	1475	1476
247	244	1459	1460	1461	1462	1463	1464
248	231	1381	1382	1383	1384	1385	1386
249	229	1369	1370	1371	1372	1373	1374
250	227	1357	1358	1359	1360	1361	1362
251	226	1351	1352	1353	1354	1355	1356
252	15	85	86	87	88	89	90
253	253	0	0	0	0	0	0
254	254	0	0	0	0	0	0
255	255	0	0	0	0	0	0
256	256	0	0	0	0	0	0
257	257	0	0	0	0	0	0
258	258	0	0	0	0	0	0
259	259	0	0	0	0	0	0
260	260	0	0	0	0	0	0
261	261	0	0	0	0	0	0
262	262	0	0	0	0	0	0
263	263	0	0	0	0	0	0
264	264	0	0	0	0	0	0
265	265	0	0	0	0	0	0
266	266	0	0	0	0	0	0
267	267	0	0	0	0	0	0
268	268	0	0	0	0	0	0
269	269	0	0	0	0	0	0
270	270	0	0	0	0	0	0
271	271	0	0	0	0	0	0
272	272	0	0	0	0	0	0
273	273	0	0	0	0	0	0
274	274	0	0	0	0	0	0
275	275	0	0	0	0	0	0
276	276	0	0	0	0	0	0
277	277	0	0	0	0	0	0
278	278	0	0	0	0	0	0
279	279	0	0	0	0	0	0
280	280	0	0	0	0	0	0
281	281	0	0	0	0	0	0
282	282	0	0	0	0	0	0
283	283	0	0	0	0	0	0
284	284	0	0	0	0	0	0
285	285	0	0	0	0	0	0
286	286	0	0	0	0	0	0
287	287	0	0	0	0	0	0
288	288	0	0	0	0	0	0
289	289	0	0	0	0	0	0

290	290	0	0	0	0	0	0
291	291	0	0	0	0	0	0
292	292	0	0	0	0	0	0
293	293	0	0	0	0	0	0
294	294	0	0	0	0	0	0
295	295	0	0	0	0	0	0
296	296	0	0	0	0	0	0
297	297	0	0	0	0	0	0
298	298	0	0	0	0	0	0
299	299	0	0	0	0	0	0
300	300	0	0	0	0	0	0
301	301	0	0	0	0	0	0
302	302	0	0	0	0	0	0
303	303	0	0	0	0	0	0
304	304	0	0	0	0	0	0
305	305	0	0	0	0	0	0
306	306	0	0	0	0	0	0
307	307	0	0	0	0	0	0
308	308	0	0	0	0	0	0
309	309	0	0	0	0	0	0
310	310	0	0	0	0	0	0
311	311	0	0	0	0	0	0

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BANDWIDTH PRIOR TO RESEQUENCING=      1164
BANDWIDTH AFTER RESEQUENCING   =        42

BANDWIDTH MINIMIZATION TIME LOG

READ FILE AND SET UP MINIMIZATION=    0.05
PERFORM THE MINIMIZATION          =   0.30
REWRITE THE DATA FILES            =   0.94

TOTAL FOR MINIMIZATION            =   1.28

REQUIRED BLANK COMMON FOR THIS STEP=   7360
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E Q U A T I O N P A R A M E T E R S

TOTAL NUMBER OF EQUATIONS	=	1476
BANDWIDTH	=	42
NUMBER OF EQUATIONS IN A BLOCK	=	380
NUMBER OF BLOCKS	=	4

NODAL LOADS (STATIC) OR MASSES (DYNAMIC)

NODE NUMBER	LOAD CASE	X-AXIS FORCE	Y-AXIS FORCE	Z-AXIS FORCE	X-AXIS MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
106	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
113	0	1.26800D+00	1.26800D+00	1.26800D+00	0.0	0.0	0.0
121	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
127	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
137	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
146	0	1.26800D+00	1.26800D+00	1.26800D+00	0.0	0.0	0.0
154	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
158	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
167	0	1.81200D+00	1.81200D+00	1.81200D+00	0.0	0.0	0.0
173	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
197	0	1.81200D+00	1.81200D+00	1.81200D+00	0.0	0.0	0.0
204	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
211	0	4.91700D+00	4.91700D+00	4.91700D+00	0.0	0.0	0.0
221	0	9.32000D-01	9.32000D-01	9.32000D-01	0.0	0.0	0.0
225	0	9.32000D-01	9.32000D-01	9.32000D-01	0.0	0.0	0.0
234	0	9.32000D-01	9.32000D-01	9.32000D-01	0.0	0.0	0.0
239	0	5.05000D-01	5.05000D-01	5.05000D-01	0.0	0.0	0.0
246	0	5.05000D-01	5.05000D-01	5.05000D-01	0.0	0.0	0.0
250	0	5.05000D-01	5.05000D-01	5.05000D-01	0.0	0.0	0.0
106	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
113	1	0.0	-4.90000D+02	0.0	0.0	0.0	0.0
121	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
127	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
133	1	0.0	2.42800D+03	0.0	0.0	0.0	0.0
137	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
146	1	0.0	-4.90000D+02	0.0	0.0	0.0	0.0
154	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
158	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
167	1	0.0	-7.00000D+02	0.0	0.0	0.0	0.0
173	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
189	1	0.0	1.33700D+03	0.0	0.0	0.0	0.0
197	1	0.0	-7.00000D+02	0.0	0.0	0.0	0.0
204	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
211	1	0.0	-1.90000D+03	0.0	0.0	0.0	0.0
221	1	0.0	-3.60000D+02	0.0	0.0	0.0	0.0
225	1	0.0	-3.60000D+02	0.0	0.0	0.0	0.0
234	1	0.0	-3.60000D+02	0.0	0.0	0.0	0.0
239	1	0.0	-1.95000D+02	0.0	0.0	0.0	0.0
246	1	0.0	-1.95000D+02	0.0	0.0	0.0	0.0
250	1	0.0	-1.95000D+02	0.0	0.0	0.0	0.0

ALL EQUATIONS HAVE STIFFNESS ATTACHED

STRUCTURE LOAD CASE	ELEMENT A	LOAD B	MULTIPLIERS C	D
1	0.0	1.000	0.0	1.000
2	0.0	0.0	1.000	0.0

STIFFNESS MATRIX PARAMETERS

MINIMUM NON-ZERO DIAGONAL ELEMENT= 4.920D+04

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E       MAXIMUM DIAGONAL ELEMENT          = 1.000D+13
        MAXIMUM/MINIMUM                   = 2.033D+08
        AVERAGE DIAGONAL ELEMENT          = 8.273D+10
        DENSITY OF THE MATRIX             = 11.1 PCT.

REQUIRED BLANK COMMON FOR THIS STEP=   4320
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W E I G H T A N D C G C A L C U L A T I O N S

LOCATION OF REFERENCE POINT FOR MOMENT OF INERTIA CALCULATION

X= -1668.0000
Y= 7482.0000
Z= 0.0

MASS DIRECTION	MASS	WEIGHT	X-CG	Y-CG	Z-CG
X	2.031D+02	7.846D+04	3.276D+02	8.330D+01	4.724D+02
Y	2.031D+02	7.846D+04	3.276D+02	8.330D+01	4.724D+02
Z	2.031D+02	7.846D+04	3.276D+02	8.330D+01	4.724D+02

MOMENTS OF INERTIA ABOUT THE REFERENCE POINT USING THE GLOBAL COORDINATES

I(X)= 5.3598D+07
I(Y)= 8.5438D+07
I(Z)= 3.6371D+07

REQUIRED BLANK COMMON FOR THIS STEP= 5841

STATIC ANALYSIS

LOAD CASE 1

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-2.18026D-03	-4.68202D-03	-2.99873D-03	-1.65344D-05	2.40009D-05	-2.85977D-05
3	-2.15776D-03	-4.17150D-03	-3.42534D-03	-7.72837D-06	2.96694D-05	-5.62707D-05
4	-1.05802D-03	-3.53911D-03	-3.39824D-03	1.16529D-05	3.33530D-05	-6.65493D-05
5	-1.53864D-04	-2.86932D-03	-2.10503D-03	1.79971D-04	-4.63092D-06	-3.84852D-05
6	1.20631D-03	-7.42176D-04	-5.05955D-04	2.38539D-04	-3.75241D-05	-7.55053D-05
7	3.72203D-03	-4.14529D-03	4.17651D-04	9.65516D-05	-3.75499D-05	-2.47899D-04
8	1.01365D-02	-1.77477D-02	2.00222D-03	1.30179D-04	-3.80726D-05	-3.47648D-05
9	1.36916D-02	-7.27649D-04	5.15669D-05	1.12949D-05	2.25800D-05	7.24621D-05
10	1.37904D-02	-5.80482D-07	-7.23290D-04	-8.69276D-05	3.13015D-05	2.58001D-06
11	1.28161D-02	-2.18345D-02	-5.81004D-03	1.77849D-04	2.20904D-05	-6.89479D-06
12	1.04775D-02	-7.83363D-07	-6.27518D-03	3.35022D-04	4.41388D-05	8.45933D-05
13	9.63526D-03	2.86175D-03	-6.06670D-03	2.10904D-04	5.99477D-06	1.54924D-04
14	8.52594D-03	-4.77340D-04	-1.20608D-03	-1.71247D-05	5.20143D-05	-1.16016D-04
15	4.02846D-03	-1.45432D-03	-1.95776D-03	4.26857D-06	6.59286D-05	-6.58767D-05
16	2.84544D-03	-2.61435D-04	-1.50409D-03	2.82819D-06	1.11275D-05	-2.30238D-05
17	1.91867D-03	-2.18438D-03	-1.42346D-04	-1.61078D-05	1.51381D-05	1.84645D-05
18	1.72411D-03	-2.17744D-03	-9.73971D-05	-2.25979D-05	-1.96889D-05	-2.62031D-06
19	1.37187D-03	-1.79852D-03	-2.16705D-04	-2.24358D-05	-2.08732D-05	-1.20335D-05
20	1.15910D-03	-1.36735D-03	-2.30159D-04	-2.07500D-05	8.74122D-06	-1.92340D-05
21	6.19715D-04	-6.47328D-04	5.42077D-05	-7.60771D-06	5.00245D-07	-1.53964D-05
22	2.95185D-04	-3.76355D-04	2.99448D-05	1.46168D-06	9.26556D-06	1.44223D-05
23	1.06425D-12	-1.14427D-10	-5.33226D-12	7.51257D-10	7.35919D-10	1.28881D-09
25	1.17270D-03	-9.84707D-03	-2.91741D-03	-1.09204D-04	-5.28123D-06	-2.38701D-05
26	1.76099D-03	-1.12633D-02	-5.53143D-03	-9.09376D-05	-5.16668D-06	-3.71387D-06
27	1.77788D-03	-1.08808D-02	-6.47203D-03	-8.22518D-05	-6.02547D-06	-2.88672D-08
28	2.36837D-04	-6.46136D-03	-6.29776D-03	1.66214D-05	-4.41852D-05	2.30931D-04
29	6.13610D-04	-3.89388D-03	-5.80957D-03	2.47406D-05	-4.24055D-05	2.19670D-04
30	9.70899D-03	-1.48449D-02	2.72822D-03	8.53282D-05	-2.90517D-05	-1.14607D-04
31	1.95655D-02	-1.15893D-03	2.60907D-03	-6.80405D-05	3.31023D-05	-3.85900D-05
32	1.70841D-02	8.82696D-04	-7.59625D-04	3.48622D-05	5.48387D-05	1.05216D-04
33	1.61576D-02	1.74990D-03	-1.24740D-03	1.45278D-05	6.86480D-06	1.29827D-04
34	1.41412D-02	-9.89663D-03	-7.77588D-04	5.16938D-05	2.13368D-05	1.09714D-04
35	1.34945D-02	-9.18860D-03	-7.21126D-04	1.18509D-04	5.52301D-05	6.28087D-05
36	1.07168D-03	-7.70633D-03	-3.84541D-06	4.54580D-04	-1.62874D-05	-2.23401D-04
37	3.34489D-03	-1.25654D-02	3.68252D-03	1.87921D-04	3.25057D-05	-1.48563D-04
38	-1.00051D-02	-1.05474D-02	1.10943D-03	3.86075D-05	4.25729D-05	3.84836D-04
39	-8.73721D-03	-4.16186D-02	7.37041D-03	4.76627D-04	1.25814D-04	3.58307D-04
40	-6.04012D-03	-4.54425D-02	2.36931D-03	7.82732D-04	-3.79131D-05	2.26843D-04
41	-4.49366D-03	-4.54395D-02	-3.24348D-03	8.22478D-04	-4.59786D-05	2.11720D-04
42	-2.92979D-03	-3.50546D-02	-1.23701D-02	1.32350D-03	-1.79635D-05	8.44308D-05
43	-2.59750D-03	-1.27146D-02	-1.23696D-02	1.37814D-03	-1.71886D-05	2.37890D-05
44	-2.63528D-03	7.03292D-04	-1.21414D-02	1.48132D-03	5.57065D-05	-9.21550D-05
45	-2.58182D-03	-6.97154D-02	8.08404D-03	1.45871D-03	9.65071D-05	6.95839D-05
46	-2.61520D-03	-6.91215D-02	8.31925D-03	1.47576D-03	8.17574D-05	-7.79480D-05
47	-1.68249D-03	-1.44804D-02	5.43229D-03	8.92766D-05	-3.48089D-05	4.73067D-04
48	-1.53045D-03	-1.74898D-02	5.19572D-03	8.36514D-05	-3.39753D-05	4.84270D-04
49	1.64009D-03	-1.16490D-02	2.39447D-03	5.00709D-04	-8.67418D-06	7.67901D-05
50	1.23514D-03	-2.34938D-03	2.20029D-03	2.85020D-04	4.95895D-05	1.94029D-05
51	1.03446D-03	-1.17051D-03	1.97325D-03	2.64964D-04	5.15557D-05	1.77231D-05
52	6.81859D-06	5.61844D-06	1.23790D-05	6.16476D-06	-1.81303D-06	-3.68822D-06
53	-8.80831D-13	4.56558D-11	7.58484D-14	6.94664D-10	-1.57122D-10	-4.13748D-10
54	-1.18663D-02	-1.83032D-03	-5.03155D-03	-3.46254D-04	-6.62171D-05	7.56532D-06

55	-9.83123D-03	-1.63762D-02	-4.46861D-03	-5.04326D-04	-4.05581D-05	5.59394D-05
56	-1.01067D-02	-2.27384D-02	-4.02847D-03	-5.03938D-04	9.42883D-05	9.85377D-05
57	-1.35967D-02	-1.09235D-03	7.55812D-03	1.93154D-05	3.24804D-05	2.20852D-04
58	-9.13481D-03	-5.10285D-03	7.64449D-03	7.21764D-05	-3.03632D-05	4.70289D-04
59	-1.90634D-03	-5.31991D-03	6.16268D-03	1.09419D-04	-3.48116D-05	4.30046D-04
60	1.24908D-02	-1.40251D-04	-2.96458D-04	-4.54468D-05	3.60159D-05	3.35632D-05
61	1.28472D-02	-2.29546D-03	-2.86624D-03	-8.78870D-05	3.71168D-05	-5.76583D-05
62	9.95126D-03	9.37874D-04	-4.83495D-03	1.42904D-04	3.24445D-05	-2.82360D-05
63	9.84557D-03	1.47328D-03	-4.79163D-03	1.29425D-04	-2.88775D-05	-4.40322D-05
64	9.83169D-03	6.56780D-04	-2.26713D-03	1.64022D-04	-2.66703D-05	2.41564D-05
65	9.68909D-03	1.07522D-03	2.35166D-04	1.65795D-04	1.57709D-05	-3.43122D-05
66	1.11117D-02	1.11697D-03	5.26836D-03	1.66563D-04	3.93966D-05	-6.45108D-05
67	1.27623D-02	5.88885D-04	6.95996D-03	-6.34812D-05	4.77027D-05	-2.95053D-04
68	3.93764D-03	-2.27288D-02	1.90677D-03	2.78758D-04	4.40749D-05	-3.66318D-04
69	3.74225D-03	-2.11399D-02	1.84288D-03	3.22647D-04	6.47491D-06	-3.63092D-04
70	4.09805D-03	-8.64187D-03	1.84881D-03	2.52027D-04	-2.98526D-05	-4.00445D-04
71	1.69778D-03	-1.90172D-02	1.60495D-03	1.89203D-04	-6.43793D-05	-3.99946D-04
72	-1.60706D-03	-2.07579D-02	3.85898D-04	6.89467D-05	-9.76172D-05	-1.05401D-04
73	-1.86760D-03	-2.10632D-02	-2.17714D-03	-9.11791D-06	-5.56016D-05	5.88016D-05
74	2.59961D-04	-1.77713D-02	-8.56250D-04	-6.16921D-05	-2.06303D-05	2.23612D-04
76	4.08157D-03	1.13305D-03	6.29859D-04	2.01752D-04	-4.30497D-05	-1.30494D-04
77	4.06844D-03	1.45372D-03	-5.74969D-04	1.65785D-04	-4.68978D-05	2.97817D-05
78	3.82146D-04	-2.08033D-03	-7.37784D-05	2.69247D-05	-1.09243D-04	1.26794D-04
79	-1.07360D-03	-2.39691D-03	-1.73347D-03	4.11588D-05	-5.22954D-05	-4.55846D-05
80	-3.54271D-05	-4.50363D-04	1.78427D-06	3.37930D-05	-4.08912D-06	-3.96465D-06
82	1.40445D-03	6.85602D-04	9.31050D-04	-6.55988D-05	2.27355D-05	9.56856D-05
83	1.58572D-03	6.06126D-04	1.08364D-03	-6.40358D-05	4.68292D-05	-2.78276D-05
84	1.30324D-03	-3.92359D-04	2.89930D-04	-4.16286D-05	4.48831D-05	-4.43356D-05
85	1.00900D-03	-6.80421D-04	1.98154D-04	-9.35574D-06	4.13908D-05	-3.02208D-05
86	1.76983D-06	-6.61443D-04	5.09221D-06	4.15113D-06	2.02433D-06	-6.46340D-06
87	1.64454D-06	-6.11337D-04	-1.22018D-06	-1.99420D-05	-2.34373D-07	8.71501D-06
88	3.95501D-07	-4.64849D-04	-3.34178D-07	-3.12178D-05	-6.90379D-08	7.08696D-06
90	3.77797D-06	-5.44994D-04	2.93484D-06	2.00396D-05	-1.11024D-06	-1.01804D-05
91	5.80533D-06	-4.13198D-04	8.05088D-07	2.73739D-05	3.06687D-07	-6.85462D-06
93	-4.43349D-04	-1.46859D-03	-1.04287D-03	-5.85517D-05	9.18039D-06	4.98008D-06
94	-1.57105D-03	-4.24123D-03	-2.44987D-03	-3.96670D-05	2.02472D-05	-1.58354D-05
95	6.78872D-04	-1.48672D-03	-6.87641D-04	2.31234D-04	-3.81598D-05	-4.90088D-05
96	1.09077D-03	-4.54689D-03	-1.81691D-04	4.11946D-04	-2.23555D-05	-1.88382D-04
97	1.73802D-03	-1.29516D-04	-3.13624D-04	2.13322D-04	-3.83315D-05	-1.03024D-04
98	2.15719D-03	-4.14299D-07	-1.58691D-04	1.85094D-04	-3.86625D-05	-1.40223D-04
99	1.20760D-02	-1.21275D-02	1.82075D-03	1.57553D-04	-1.75358D-05	7.97117D-05
100	1.29426D-02	-7.02611D-03	1.36344D-03	1.37803D-04	-2.91987D-06	1.14333D-04
101	1.35728D-02	-1.82755D-03	4.64261D-04	5.74599D-05	1.56836D-05	9.68001D-05
102	1.37652D-02	-2.67435D-05	-4.08744D-04	-4.11757D-05	2.78104D-05	3.73115D-05
103	1.30329D-02	-4.58633D-04	4.62491D-05	-1.41353D-05	2.87636D-05	5.54140D-05
104	1.26041D-02	-2.00760D-02	-6.09710D-03	2.63230D-04	2.90761D-05	1.77208D-05
105	1.19519D-02	-1.40413D-02	-6.09691D-03	3.17339D-04	3.32042D-05	3.17392D-05
106	1.11990D-02	-1.40646D-02	2.31719D-03	3.17339D-04	3.32042D-05	2.80317D-05
107	1.12107D-02	-6.62871D-03	-6.09672D-03	3.51297D-04	3.75466D-05	5.32984D-05
108	9.55598D-03	1.58485D-03	-6.00619D-03	1.94746D-04	9.00498D-06	1.56782D-04
109	9.49295D-03	2.00083D-03	-6.06042D-03	-2.22073D-05	9.00498D-06	2.10714D-04
110	9.46593D-03	1.80030D-03	-6.08366D-03	-7.62120D-05	9.00498D-06	2.33828D-04
111	9.42316D-03	1.25039D-03	-6.12046D-03	-1.15079D-04	9.00498D-06	2.70425D-04
112	9.36913D-03	5.28659D-04	-6.12046D-03	-9.92657D-05	9.00498D-06	2.94003D-04
113	6.61885D-04	-2.71288D-04	-9.49970D-03	-1.37984D-04	9.00498D-06	3.34956D-04
114	9.31510D-03	1.04905D-04	-6.12046D-03	-5.42364D-05	9.00498D-06	2.94003D-04
115	9.29146D-03	1.67802D-05	-6.14079D-03	-2.87692D-05	9.00498D-06	2.94003D-04
116	9.26107D-03	-1.64024D-05	-6.16694D-03	-8.20112D-06	9.00498D-06	2.94003D-04
117	9.23068D-03	-2.04480D-08	-6.19308D-03	-1.60234D-06	9.00498D-06	2.94003D-04
118	1.00328D-02	-3.05164D-05	-6.11134D-03	-3.41552D-05	9.00498D-06	2.94003D-04

119	9.16201D-03	-2.01099D-05	-6.25215D-03	-2.57022D-06	9.00498D-06	2.94003D-04
120	1.16131D-02	-5.91735D-05	-5.78494D-03	-8.72992D-05	9.00498D-06	2.94003D-04
121	1.27475D-02	-3.10546D-04	-5.43629D-03	-9.24065D-05	9.00498D-06	2.94003D-04
122	9.45689D-03	-2.08521D-07	-5.89694D-03	1.76908D-04	1.27151D-05	1.56631D-04
123	9.26861D-03	-3.01778D-03	-5.58843D-03	1.43017D-04	1.96028D-05	1.41026D-04
124	8.79296D-03	-7.20343D-03	-4.24417D-03	5.73962D-05	3.60619D-05	3.22331D-06
125	8.69386D-03	-7.06385D-03	-3.86660D-03	3.95586D-05	3.93211D-05	-3.79488D-05
126	8.69413D-03	-5.73007D-03	-2.99835D-03	1.74395D-05	4.32499D-05	-9.41484D-05
127	1.11153D-02	-5.78550D-03	-2.62803D-03	1.37320D-05	4.32499D-05	-9.41484D-05
128	8.69440D-03	-2.98502D-03	-2.04920D-03	2.86123D-06	4.70263D-05	-1.29254D-04
129	8.63494D-03	-2.08218D-03	-1.76133D-03	-4.19263D-06	4.88061D-05	-1.30995D-04
130	9.10474D-03	-4.00680D-05	-1.09716D-03	-7.20857D-06	5.29550D-05	-8.81994D-05
131	7.94157D-03	-7.25380D-04	-1.31488D-03	-2.02390D-05	5.41541D-05	-1.08759D-04
132	2.69644D-03	-3.29032D-07	-1.32134D-03	-2.16110D-07	1.28082D-05	-8.63811D-07
133	1.00710D-03	-1.03267D-03	-1.06821D-04	-1.70466D-05	6.94528D-06	-1.53415D-05
134	1.00175D-02	-1.47502D-06	-9.28821D-04	6.71719D-05	5.41291D-05	-4.52095D-05
135	1.08372D-02	-1.96506D-03	-7.80287D-04	1.39902D-04	5.48831D-05	-7.27716D-06
136	1.19961D-02	-5.48309D-03	-7.80671D-04	1.51095D-04	5.52442D-05	2.40808D-05
137	1.13718D-02	-5.85647D-03	3.41703D-03	1.53717D-04	5.52442D-05	2.67024D-05
138	1.31593D-02	-8.43812D-03	-7.81055D-04	1.29384D-04	5.52993D-05	5.01066D-05
139	1.50416D-02	-6.24465D-03	-1.08411D-03	-5.93967D-06	1.81690D-05	1.60005D-04
140	1.58896D-02	-4.08652D-07	-1.25838D-03	-2.92601D-06	1.09685D-05	1.48660D-04
141	1.60567D-02	1.09551D-03	-1.25879D-03	8.37455D-06	8.59571D-06	1.35299D-04
142	1.60525D-02	1.07929D-03	-1.33969D-03	-1.23250D-04	8.59571D-06	4.39252D-05
143	1.60507D-02	8.14937D-04	-1.37435D-03	-1.53937D-04	8.59571D-06	3.04849D-05
144	1.60479D-02	2.97095D-04	-1.42925D-03	-1.71817D-04	8.59571D-06	3.99192D-05
145	1.60114D-02	-2.33237D-04	-1.46572D-03	-1.56465D-04	8.59571D-06	7.28684D-05
146	1.40047D-02	-5.15996D-04	-6.22248D-03	-1.85355D-04	8.59571D-06	7.44528D-05
147	1.59749D-02	-3.90685D-04	-1.50219D-03	-1.19977D-04	8.59571D-06	1.09356D-04
148	1.59733D-02	-3.48278D-04	-1.53252D-03	-9.93741D-05	8.59571D-06	1.29959D-04
149	1.59713D-02	-2.02256D-04	-1.57152D-03	-8.27379D-05	8.59571D-06	1.46596D-04
150	1.59693D-02	-2.28188D-08	-1.61051D-03	-7.73745D-05	8.59571D-06	1.51959D-04
151	1.63320D-02	-2.16370D-04	-1.33024D-03	-1.01094D-04	8.59571D-06	1.28239D-04
152	1.59647D-02	3.94264D-04	-1.69863D-03	-7.80590D-05	8.59571D-06	1.51274D-04
153	1.69203D-02	-2.45027D-04	-6.85841D-04	-1.38681D-04	8.59571D-06	9.06526D-05
154	1.72506D-02	-3.43411D-04	-1.44400D-04	-1.42293D-04	8.59571D-06	8.70402D-05
155	1.73628D-02	-2.61060D-07	-3.55063D-04	3.58101D-05	5.25177D-05	9.97628D-05
156	1.83996D-02	-2.94498D-03	1.22736D-03	-3.60443D-06	4.24621D-05	3.26087D-05
157	1.89947D-02	-2.99933D-03	1.83400D-03	-3.33947D-05	3.93001D-05	-5.84709D-06
158	1.92817D-02	-3.05017D-03	9.46178D-04	-3.07731D-05	3.93001D-05	-8.46869D-06
159	1.95661D-02	-1.68633D-03	2.39325D-03	-5.98421D-05	3.60743D-05	-3.12482D-05
160	1.95423D-02	-5.58227D-07	3.03561D-03	-6.70206D-05	2.96888D-05	-3.55465D-05
161	1.84193D-02	1.84605D-03	5.45014D-03	-3.04762D-05	4.42160D-06	6.92091D-06
162	1.56469D-02	-2.38237D-07	6.13639D-03	3.50808D-05	-1.93647D-05	1.13175D-04
163	1.49977D-02	-2.60139D-03	6.00703D-03	6.09414D-05	-2.29176D-05	1.56141D-04
164	1.45369D-02	-4.76673D-03	5.86987D-03	7.36510D-05	-2.51053D-05	1.70515D-04
165	1.19848D-02	-1.55097D-02	4.53614D-03	9.52320D-05	-3.21496D-05	8.12283D-05
166	-7.33607D-03	-1.06029D-02	8.72413D-04	3.10839D-05	4.24637D-05	3.77985D-04
167	-1.38573D-02	-1.06096D-02	1.51265D-03	3.86682D-05	4.25729D-05	3.85122D-04
168	-1.00084D-02	-1.36678D-02	1.45363D-03	4.96778D-05	4.33698D-05	3.90674D-04
169	-9.86860D-03	-1.91826D-02	2.09763D-03	1.48634D-04	6.82590D-05	4.19735D-04
170	-9.05884D-03	-3.61650D-02	5.86964D-03	3.98242D-04	1.25265D-04	3.85485D-04
171	-7.78212D-03	-3.61686D-02	4.55067D-03	3.98242D-04	1.25265D-04	3.85485D-04
172	-6.74593D-03	-3.61714D-02	3.48019D-03	3.98242D-04	1.25265D-04	3.85485D-04
173	-4.77032D-03	-3.61728D-02	1.43920D-03	3.98242D-04	1.25265D-04	3.85485D-04
174	-2.16830D-03	-3.61731D-02	-1.24893D-03	3.98242D-04	1.25265D-04	3.85485D-04
175	-8.89826D-03	-3.89090D-02	6.61929D-03	4.37415D-04	1.26658D-04	3.71791D-04
176	-5.36444D-03	-4.54413D-02	-3.59983D-09	7.99610D-04	-4.13697D-05	2.20687D-04
177	-2.62081D-03	-6.60673D-08	-8.04802D-03	1.47520D-03	9.56328D-05	2.91719D-04
178	-2.60106D-03	-4.32170D-02	5.62892D-10	1.46684D-03	1.21263D-04	6.31582D-04

179	-3.90630D-03	-6.39190D-08	1.26446D-02	1.07776D-03	8.76452D-06	-4.81987D-06
180	-3.24291D-03	-7.54923D-03	1.05963D-02	5.89640D-04	-3.49105D-05	1.32725D-04
181	-3.13519D-03	-6.84936D-03	1.02537D-02	5.70350D-04	-3.63798D-05	7.97840D-05
182	-2.06401D-03	1.40199D-06	6.68335D-03	1.35054D-04	-3.52908D-05	3.77544D-04
183	-1.99253D-03	-2.29455D-03	6.44734D-03	1.24160D-04	-3.50896D-05	3.99021D-04
184	-5.22054D-03	-5.26621D-03	6.91937D-03	9.31954D-05	-3.24294D-05	4.50759D-04
185	-1.81945D-03	-8.75379D-03	5.87914D-03	9.92205D-05	-3.48523D-05	4.54528D-04
186	3.74847D-04	-3.01343D-02	3.51174D-03	2.79939D-04	-2.74619D-05	2.92262D-04
187	5.88688D-04	-2.96729D-02	3.32277D-03	3.19278D-04	-2.58336D-05	2.55022D-04
188	7.76857D-04	-2.87091D-02	3.15652D-03	3.55419D-04	-2.41434D-05	2.20760D-04
189	1.13596D-03	-1.71942D-03	2.08937D-03	2.75103D-04	5.05593D-05	1.85778D-05
190	6.83271D-03	-2.19259D-07	5.58918D-09	6.61683D-05	-3.15705D-05	-1.34153D-04
191	1.21284D-03	-3.39223D-07	-5.10294D-03	2.87323D-05	-3.88577D-05	1.68646D-04
192	9.90266D-04	-1.34145D-03	-5.35820D-03	2.72497D-05	-4.01131D-05	1.94603D-04
193	-1.34778D-03	-3.74320D-03	-5.29781D-03	7.40892D-05	-4.42943D-05	1.99235D-04
194	8.96781D-04	-7.74301D-03	-2.38751D-03	-1.21406D-04	-4.31107D-06	-2.94520D-05
195	3.54221D-04	-2.32144D-03	-1.05530D-03	-1.00559D-04	-1.86400D-06	-2.73933D-05
196	-1.18081D-02	-1.88422D-03	-2.66789D-03	-3.31319D-04	-6.59786D-05	9.17613D-06
197	-1.19160D-02	-1.87171D-03	-8.49378D-03	-3.46533D-04	-6.62171D-05	7.47979D-06
198	-1.13189D-02	-4.63171D-03	-4.94365D-03	-3.62286D-04	-6.61347D-05	7.53681D-06
199	-1.03669D-02	-2.49459D-02	-3.16981D-03	-4.78085D-04	9.58509D-05	9.90733D-05
200	-1.08454D-02	-2.87828D-02	-1.58897D-03	-4.12608D-04	8.77965D-05	5.51193D-05
201	-1.07633D-02	-2.87846D-02	-2.65395D-04	-3.91301D-04	8.13643D-05	7.98951D-06
202	-1.07656D-02	-2.87357D-02	5.22121D-04	-3.85084D-04	7.73577D-05	-8.15984D-07
203	-1.08226D-02	-2.93159D-02	2.33856D-03	-3.87824D-04	6.80439D-05	3.55545D-05
204	-1.09763D-02	-3.04326D-02	2.82276D-03	-3.69248D-04	6.46088D-05	7.96958D-06
205	-1.11105D-02	-3.10995D-02	3.24577D-03	-3.61490D-04	6.81306D-05	1.14571D-05
206	-1.12932D-02	-3.10924D-02	-1.04143D-04	-3.32196D-04	7.99568D-05	-3.35327D-05
207	-1.20965D-02	-2.83270D-02	2.55612D-03	-1.50970D-04	6.50123D-05	-2.62864D-04
208	-1.35476D-02	-1.53366D-07	7.39291D-03	2.85081D-05	3.36789D-05	1.41465D-04
209	1.23750D-02	-4.04386D-03	-3.67988D-03	-1.23461D-05	4.17981D-05	-5.04747D-05
210	1.20562D-02	-4.29803D-03	-3.90207D-03	1.77552D-06	4.20428D-05	-4.71097D-05
211	1.31038D-02	-4.15813D-03	-3.88617D-03	2.06578D-06	4.20428D-05	-4.78276D-05
212	1.17360D-02	-4.34368D-03	-4.12483D-03	1.62685D-05	4.21388D-05	-4.26863D-05
213	1.02044D-02	-1.44494D-07	-4.73441D-03	1.47120D-04	3.53787D-05	-2.06534D-05
214	1.26349D-02	-1.35253D-07	6.88718D-03	-7.01539D-05	4.92037D-05	-3.03752D-04
215	3.87501D-03	-1.13117D-02	1.84740D-03	2.87493D-04	-1.92343D-05	-3.91569D-04
216	4.09290D-03	-4.52169D-03	1.51521D-03	2.36316D-04	-3.49530D-05	-3.48448D-04
217	4.10168D-03	-1.30475D-02	2.16625D-03	2.34574D-04	-3.03552D-05	-4.26650D-04
218	-2.18384D-03	-2.07823D-02	-7.81021D-09	6.28058D-05	-9.52832D-05	-9.07506D-05
219	-3.28070D-03	-2.10385D-02	-2.29932D-03	1.28924D-06	-6.41626D-05	3.93099D-05
220	-3.20066D-03	-2.10398D-02	-2.30135D-03	1.01085D-06	-6.39674D-05	3.97353D-05
221	-3.17750D-03	-2.08309D-02	-1.95426D-03	1.00442D-06	-6.39674D-05	3.95650D-05
222	-3.11967D-03	-2.10406D-02	-2.30283D-03	7.42429D-07	-6.37722D-05	4.02669D-05
223	-2.32495D-03	-2.10616D-02	-2.24215D-03	-7.06401D-06	-5.75481D-05	5.44848D-05
224	-2.21463D-03	-2.10623D-02	-2.22753D-03	-7.28525D-06	-5.73529D-05	5.48450D-05
225	-2.18889D-03	-2.07730D-02	-1.91420D-03	-7.29168D-06	-5.73529D-05	5.46747D-05
226	-2.10348D-03	-2.10624D-02	-2.21248D-03	-7.49652D-06	-5.71577D-05	5.53114D-05
227	9.27788D-05	-9.81110D-03	-3.38996D-04	-6.46033D-05	-1.20895D-05	2.15778D-04
228	4.08573D-03	-5.37992D-07	9.74488D-04	2.14418D-04	-4.05813D-05	-2.16785D-04
229	3.27036D-03	1.10393D-03	-5.45308D-04	1.68522D-04	-3.96284D-05	-1.23551D-04
230	2.78470D-03	1.08597D-03	-1.17711D-03	1.48759D-04	-3.74817D-05	-1.18886D-04
231	2.54329D-08	-2.09180D-03	2.40345D-09	2.43155D-05	-1.08588D-04	1.22639D-04
232	-1.46780D-03	-2.40886D-03	-2.05065D-03	3.69389D-05	-5.34962D-05	-4.61885D-05
233	-1.37516D-03	-2.40818D-03	-1.98267D-03	3.74214D-05	-5.33867D-05	-4.61417D-05
234	-1.67703D-03	-2.60695D-03	-2.00602D-03	3.75918D-05	-5.33867D-05	-4.61338D-05
235	-1.28261D-03	-2.40703D-03	-1.90783D-03	3.77858D-05	-5.32773D-05	-4.60946D-05
236	3.98419D-11	6.94569D-04	-1.72172D-09	-6.82371D-05	2.02774D-05	9.63062D-05
237	9.75565D-05	6.91761D-04	6.74547D-05	-6.74498D-05	2.08140D-05	9.91154D-05
238	7.02993D-04	6.87085D-04	4.68785D-04	-6.65809D-05	2.15065D-05	1.02798D-04

239	7.02993D-04	2.44958D-06	6.04275D-04	-6.65809D-05	2.15065D-05	1.06902D-04
240	1.30738D-03	6.86141D-04	8.65056D-04	-6.59636D-05	2.21989D-05	9.87657D-05
241	3.57695D-05	-6.64456D-04	2.76629D-05	5.93143D-06	5.40738D-06	-9.67798D-06
242	1.77700D-06	-6.67057D-04	-6.14617D-07	-5.44260D-06	1.35347D-06	-2.14808D-06
243	1.64082D-06	-6.23660D-04	7.80335D-06	1.10710D-05	7.61800D-07	-8.15799D-06
244	3.44733D-07	-4.30037D-04	-2.81623D-07	-3.11975D-05	-5.06788D-08	5.81699D-06
245	1.19284D-07	-2.39787D-04	-1.93366D-07	-2.97732D-05	-3.04388D-08	4.17847D-06
246	-2.62050D-05	-2.43650D-04	-1.87765D-04	-2.97732D-05	-3.04388D-08	4.17847D-06
247	-2.45337D-09	-5.37996D-05	-1.05109D-07	-2.21528D-05	-1.61081D-08	2.53995D-06
248	5.30885D-06	-3.83196D-04	6.78475D-07	2.73932D-05	3.59388D-07	-5.62628D-06
249	2.81256D-06	-2.16439D-04	4.65850D-07	2.63937D-05	3.65405D-07	-4.04148D-06
250	2.82739D-05	-2.20302D-04	1.66746D-04	2.63937D-05	3.65405D-07	-4.04148D-06
251	5.98911D-07	-4.94731D-05	2.53225D-07	1.98388D-05	2.65173D-07	-2.45667D-06
252	-1.07116D-02	-8.46104D-03	-4.75060D-03	-4.40948D-04	-6.10947D-05	1.69365D-05

STATIC ANALYSIS

LOAD CASE 2

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-9.58517D-02	-7.69543D-02	-2.05650D-01	-7.13367D-04	2.21732D-04	1.02564D-03
3	-9.99314D-02	-5.06876D-02	-2.34159D-01	8.55149D-04	-1.48695D-03	4.90839D-05
4	-1.01142D-01	-1.07288D-02	-2.17352D-01	9.14324D-04	-1.87318D-03	2.33674D-05
5	-7.80398D-02	2.27839D-02	-1.96448D-01	1.13680D-03	-2.52351D-03	-8.10322D-04
6	2.38563D-02	1.77267D-02	-1.34356D-01	1.13820D-03	-4.10286D-03	-1.62665D-03
7	2.32472D-01	-2.41458D-02	9.35795D-03	1.09313D-03	-4.47723D-03	-1.35110D-03
8	7.60753D-01	-4.72552D-02	2.66493D-01	9.71880D-04	-3.67329D-03	-6.60898D-04
9	1.16305D+00	-7.41502D-03	3.11442D-01	7.52786D-04	-1.70788D-03	-1.13968D-04
10	1.21185D+00	-1.97978D-07	3.03580D-01	5.98781D-04	-1.47727D-03	-1.19879D-04
11	1.34913D+00	9.29019D-03	8.43427D-02	-1.18085D-04	1.04004D-03	-8.13929D-05
12	1.25343D+00	3.75299D-08	-6.78573D-02	-1.26102D-04	1.69072D-03	-6.08137D-05
13	1.16508D+00	-1.04821D-03	-6.84090D-02	-8.01120D-05	2.48275D-03	-5.92347D-05
14	8.22216D-01	1.68788D-03	4.12035D-01	7.47235D-05	3.54718D-03	8.96363D-05
15	5.40149D-01	1.29049D-02	2.42952D-01	2.19305D-04	3.85796D-03	3.82274D-04
16	4.10508D-01	8.38226D-03	2.80252D-01	2.98198D-04	4.04345D-03	5.36520D-04
17	2.02715D-01	-5.20248D-02	6.49614D-01	5.21871D-04	3.70751D-03	7.01531D-04
18	1.91177D-01	-6.58933D-02	7.16254D-01	5.62957D-04	3.37809D-03	7.02724D-04
19	2.03729D-01	-8.08445D-02	7.80942D-01	5.91252D-04	3.20957D-03	6.85910D-04
20	1.89600D-01	-9.45471D-02	8.39272D-01	6.10921D-04	2.79682D-03	6.50723D-04
21	6.86640D-02	-1.26902D-01	9.71210D-01	6.77795D-04	1.99240D-03	5.13162D-04
22	7.33949D-03	-8.70461D-02	9.99625D-01	5.35442D-04	8.51961D-04	1.14966D-04
23	3.00000D-04	-7.70000D-03	9.89900D-01	4.60011D-04	-9.93972D-06	1.59333D-08
25	3.69208D-02	-7.03963D-02	-2.03145D-01	-1.14915D-03	3.87133D-04	-2.00890D-04
26	4.73560D-02	-4.91966D-02	-2.73194D-01	-8.68330D-04	1.75237D-04	-2.47934D-04
27	4.99846D-02	-2.47595D-02	-2.82604D-01	-8.32129D-04	1.35408D-04	-2.55139D-04
28	1.04777D-01	1.21566D-02	-2.87018D-01	-3.41661D-05	-6.26081D-04	-4.46386D-04
29	1.29247D-01	7.09168D-03	-2.79956D-01	2.81766D-05	-6.68474D-04	-4.15366D-04
30	7.20172D-01	3.78536D-03	2.99924D-01	-1.53557D-06	-4.00945D-03	4.18003D-06
31	1.58372D+00	-3.54887D-05	8.47366D-01	-1.01454D-05	4.93203D-04	6.03548D-06
32	1.66726D+00	1.33242D-04	6.33633D-01	1.06994D-06	1.50561D-03	2.15042D-05
33	1.60860D+00	3.52451D-04	5.71316D-01	1.17604D-05	2.42418D-03	3.49690D-05
34	1.20593D+00	-2.65420D-03	6.27077D-01	2.76286D-05	3.30514D-03	7.33309D-05
35	1.14199D+00	-2.65485D-03	6.14688D-01	3.50267D-05	3.43861D-03	7.58799D-05
36	-1.26905D-02	-1.00602D-02	-7.55716D-02	1.08778D-03	-3.76044D-03	-1.78065D-03
37	-9.31930D-03	-5.60917D-03	-3.79188D-02	4.25335D-04	-2.60334D-03	-2.28864D-03
38	1.73595D-01	2.50261D-01	-3.38798D-02	-2.80176D-04	-2.23322D-04	-2.82880D-04
39	1.18956D-01	2.18823D-01	-1.51966D-02	-1.02662D-03	2.01673D-04	1.36904D-03
40	1.32553D-01	2.01477D-01	-3.80219D-03	-1.24662D-03	-1.51289D-05	2.18847D-03
41	1.48091D-01	1.98248D-01	5.12080D-03	-1.29550D-03	-1.14638D-04	2.22447D-03
42	1.73217D-01	1.78917D-01	1.47136D-02	-1.86042D-03	-6.37985D-04	2.54749D-03
43	1.84517D-01	1.47892D-01	7.15714D-03	-1.87857D-03	-6.94527D-04	2.54110D-03
44	1.86223D-01	1.09706D-01	-2.10091D-03	-1.64524D-03	-4.30626D-04	2.33158D-03
45	9.67951D-02	-5.53312D-02	6.55534D-02	-3.06278D-04	1.09143D-03	-4.12978D-04
46	9.51590D-02	-5.42217D-02	6.82692D-02	-2.75579D-04	1.10381D-03	-5.11988D-04
47	-1.32008D-01	-3.67584D-02	2.20769D-01	1.05586D-03	-4.45944D-04	5.27757D-04
48	-1.32358D-01	-3.50980D-02	2.14646D-01	1.12719D-03	-7.69901D-04	4.02422D-04
49	-5.88380D-02	6.53124D-02	4.67439D-02	8.84156D-04	-1.01810D-03	2.82398D-04
50	-4.12201D-02	7.86495D-02	3.65760D-02	3.48855D-04	-4.93838D-04	3.23970D-04
51	-3.72091D-02	8.14779D-02	3.69431D-02	3.21801D-04	-4.68356D-04	3.34463D-04
52	-2.78368D-02	7.94356D-02	3.26117D-02	1.31906D-05	-3.17339D-05	4.43989D-06
53	-2.78000D-02	7.76000D-02	3.26000D-02	1.43968D-09	-2.75014D-09	5.88103D-10
54	5.81358D-02	2.83123D-01	3.11347D-02	3.28828D-03	5.16628D-04	1.34486D-03

55	4.84350D-02	4.03841D-01	-1.28188D-02	2.87594D-03	8.12209D-04	1.79832D-03
56	3.11676D-02	4.18185D-01	-8.13198D-03	1.93664D-03	1.83389D-03	2.49044D-03
57	-1.42345D-01	-8.79290D-03	2.55014D-01	6.21679D-04	6.91946D-04	1.92099D-03
58	-1.36089D-01	-2.38794D-02	2.48156D-01	1.03457D-03	-2.31904D-05	8.13318D-04
59	-1.24937D-01	-3.18877D-02	2.31934D-01	1.03733D-03	-3.45110D-04	5.84101D-04
60	1.16308D+00	4.14929D-02	3.31263D-01	9.09464D-04	-9.87543D-04	-5.94827D-05
61	1.18038D+00	7.37112D-02	3.09292D-01	-6.59115D-04	7.99668D-04	-5.55016D-04
62	1.15589D+00	-6.24823D-03	1.50626D-01	-1.33509D-04	5.40220D-04	-1.59736D-03
63	1.16795D+00	-2.18654D-02	1.65532D-01	8.23167D-04	-2.76821D-03	-1.22640D-03
64	1.20162D+00	-9.62298D-02	3.90943D-01	2.73055D-03	-2.59028D-03	-3.78568D-04
65	1.16832D+00	-6.88260D-02	4.49679D-01	2.77407D-03	-1.42020D-04	4.18296D-03
66	1.03625D+00	-5.51864D-02	5.36129D-01	2.81208D-03	1.19959D-03	4.40565D-03
67	9.35594D-01	-4.91587D-03	5.35404D-01	-4.79645D-04	4.58545D-03	4.20734D-03
68	1.84207D-01	1.15312D-01	1.55564D-02	-1.32722D-03	4.73214D-03	2.60780D-03
69	1.56355D-01	1.10285D-01	3.83225D-03	-1.35576D-03	2.85327D-03	2.54128D-03
70	7.36241D-02	5.74418D-02	-1.42062D-02	-1.25375D-03	9.81646D-04	2.29113D-03
71	8.99958D-02	9.55266D-02	-1.96909D-02	-1.42440D-03	1.39068D-04	6.12492D-04
72	9.02574D-02	9.02194D-02	-4.68783D-03	-7.55115D-04	2.78730D-04	-8.23044D-04
73	-4.35431D-02	3.78680D-02	1.76612D-02	1.03405D-04	3.51417D-04	-1.27016D-03
74	-5.10264D-02	1.64259D-02	1.03587D-02	2.43094D-05	4.15194D-04	-3.66490D-04
76	5.87267D-02	-2.04654D-02	7.91126D-03	-1.11980D-03	4.92481D-04	2.54636D-03
77	4.66974D-02	-8.91798D-02	1.69486D-02	-1.03950D-03	2.80707D-04	2.65739D-03
78	3.22285D-03	-1.24051D-01	1.53323D-03	-4.97510D-04	1.03768D-04	1.06346D-03
79	-5.18104D-03	-4.49685D-03	1.53511D-02	1.54339D-04	-1.51387D-04	-3.61354D-04
80	-1.30141D-04	9.44350D-04	5.96274D-03	-6.66363D-05	-7.61205D-06	-4.73674D-05
82	-5.34956D-03	-7.94067D-02	-7.38634D-03	5.52499D-04	3.54003D-04	-2.07019D-04
83	4.11430D-03	-6.70354D-02	-1.46805D-02	1.40542D-03	2.12386D-04	3.43300D-03
84	1.02790D-02	3.69042D-03	-2.15334D-02	1.15661D-03	3.12825D-04	3.57354D-03
85	2.18058D-02	1.69531D-02	-2.70220D-02	-1.86436D-04	5.13875D-04	3.97853D-04
86	1.54348D-03	-4.43674D-03	-6.90626D-04	-4.23933D-04	1.27034D-03	-4.02685D-04
87	6.24641D-03	-5.05341D-03	-8.83347D-03	-4.97668D-04	2.54438D-04	1.77089D-05
88	5.94415D-03	-3.05780D-03	-6.79431D-03	-2.67782D-04	-4.24614D-04	-4.89514D-06
90	-3.56293D-03	-1.48771D-03	8.37337D-03	-1.48005D-04	4.82243D-04	-2.60550D-04
91	-4.25297D-03	-1.13007D-03	6.77701D-03	6.25625D-05	-2.80304D-04	-1.65744D-04
93	-2.68777D-02	-1.24760D-02	-6.78014D-02	-5.51034D-04	3.94575D-04	4.18207D-04
94	-7.73706D-02	-5.64413D-02	-1.64624D-01	-8.03987D-04	4.12205D-04	8.84060D-04
95	-1.88963D-02	2.77969D-02	-1.62059D-01	1.17729D-03	-3.97755D-03	-1.62107D-03
96	9.67316D-04	8.28185D-04	-9.82137D-02	1.11691D-03	-3.88462D-03	-1.72578D-03
97	6.72408D-02	7.65555D-03	-1.05475D-01	1.11434D-03	-4.22334D-03	-1.59461D-03
98	1.01664D-01	3.31178D-07	-8.20865D-02	1.10664D-03	-4.30233D-03	-1.54914D-03
99	9.34145D-01	-3.51128D-02	3.02226D-01	8.99990D-04	-3.02465D-03	-4.37698D-04
100	1.03137D+00	-2.53375D-02	3.13523D-01	8.47168D-04	-2.55084D-03	-3.06320D-04
101	1.13155D+00	-1.23129D-02	3.14441D-01	7.78543D-04	-1.93756D-03	-1.62157D-04
102	1.19322D+00	-2.63874D-03	3.06988D-01	6.61785D-04	-1.57110D-03	-1.14463D-04
103	1.16323D+00	1.50937D-02	3.20125D-01	8.62896D-04	-1.37636D-03	-4.24151D-05
104	1.33961D+00	8.18239D-03	6.57123D-02	-1.32483D-04	1.24817D-03	-7.44538D-05
105	1.31216D+00	5.30937D-03	1.89619D-02	-1.36778D-04	1.37046D-03	-7.05019D-05
106	1.31905D+00	6.47177D-02	1.22195D-02	-1.36778D-04	1.37046D-03	-7.05019D-05
107	1.28208D+00	2.40474D-03	-2.77886D-02	-1.35492D-04	1.49814D-03	-6.65501D-05
108	1.14727D+00	-5.82814D-04	-4.81821D-02	-7.07107D-05	2.56570D-03	-5.90774D-05
109	1.12931D+00	-8.88689D-04	-6.37697D-02	-2.11202D-05	2.56570D-03	-5.90774D-05
110	1.12162D+00	-9.20570D-04	-7.04501D-02	-3.12433D-06	2.56570D-03	-5.90774D-05
111	1.10943D+00	-8.68963D-04	-8.10274D-02	2.13723D-05	2.56570D-03	-5.90774D-05
112	1.09403D+00	-6.97168D-04	-9.43882D-02	3.35830D-05	2.56570D-03	-5.90774D-05
113	1.08795D+00	5.95763D-02	-9.27219D-02	3.35830D-05	2.56570D-03	-5.90774D-05
114	1.07864D+00	-4.64071D-04	-1.07749D-01	4.18065D-05	2.56570D-03	-5.90774D-05
115	1.07191D+00	-3.44472D-04	-1.13594D-01	4.64022D-05	2.56570D-03	-5.90774D-05
116	1.06325D+00	-1.76411D-04	-1.21110D-01	5.01123D-05	2.56570D-03	-5.90774D-05
117	1.05459D+00	-2.96227D-09	-1.28625D-01	5.13490D-05	2.56570D-03	-5.90774D-05
118	1.06309D+00	-6.02176D-03	-1.21241D-01	5.01123D-05	2.56570D-03	-5.90774D-05

119	1.03502D+00	3.91533D-04	-1.45005D-01	5.13490D-05	2.56570D-03	-5.90774D-05
120	1.06277D+00	-1.79908D-02	-1.21511D-01	5.01123D-05	2.56570D-03	-5.90774D-05
121	1.05597D+00	-2.66294D-02	-1.27413D-01	5.01123D-05	2.56570D-03	-5.90774D-05
122	1.12501D+00	9.54685D-08	-2.19812D-02	-5.94193D-05	2.66597D-03	-5.97415D-05
123	1.08271D+00	1.17397D-03	3.04791D-02	-3.79656D-05	2.84601D-03	-5.80578D-05
124	9.75841D-01	3.33193D-03	1.77076D-01	1.62333D-05	3.23974D-03	-1.91016D-05
125	9.53577D-01	3.47521D-03	2.09871D-01	2.75248D-05	3.31074D-03	-4.72716D-06
126	9.06821D-01	3.38987D-03	2.80326D-01	4.15264D-05	3.39149D-03	1.72455D-05
127	8.98729D-01	6.30502D-02	2.76426D-01	4.15264D-05	3.39149D-03	1.72455D-05
128	8.60065D-01	2.78410D-03	3.52372D-01	5.55281D-05	3.46233D-03	4.48379D-05
129	8.46707D-01	2.48357D-03	3.73264D-01	6.23029D-05	3.49353D-03	5.99369D-05
130	8.61268D-01	9.49625D-04	4.36516D-01	6.41844D-05	3.54507D-03	8.75873D-05
131	7.82901D-01	2.62811D-03	3.87563D-01	9.60030D-05	3.59757D-03	1.31992D-04
132	3.77102D-01	-1.15948D-07	3.41126D-01	3.34157D-04	4.04845D-03	5.81372D-04
133	1.55521D-01	-1.04369D-01	8.80754D-01	6.29766D-04	2.60012D-03	6.23775D-04
134	9.21512D-01	-5.13973D-08	4.74351D-01	5.27978D-05	3.53329D-03	8.44208D-05
135	9.74435D-01	-7.32802D-04	5.07734D-01	4.57804D-05	3.51431D-03	8.16267D-05
136	1.04806D+00	-1.63402D-03	5.54476D-01	4.07809D-05	3.49064D-03	7.93170D-05
137	1.04795D+00	5.77418D-02	5.64064D-01	4.07809D-05	3.49064D-03	7.93170D-05
138	1.12110D+00	-2.44007D-03	6.01219D-01	3.67164D-05	3.45764D-03	7.70072D-05
139	1.36835D+00	-1.28533D-03	5.97852D-01	1.83920D-05	3.06664D-03	6.16498D-05
140	1.54155D+00	-3.12101D-08	5.75786D-01	1.34144D-05	2.64544D-03	4.28920D-05
141	1.58198D+00	2.20718D-04	5.72739D-01	1.25711D-05	2.51654D-03	3.78637D-05
142	1.58055D+00	3.79400D-04	5.49259D-01	-4.29662D-06	2.51654D-03	2.09950D-05
143	1.57993D+00	3.99679D-04	5.39199D-01	-1.04165D-05	2.51654D-03	1.48748D-05
144	1.57896D+00	3.82688D-04	5.23266D-01	-1.87488D-05	2.51654D-03	6.54182D-06
145	1.57773D+00	3.09937D-04	5.03140D-01	-2.29020D-05	2.51654D-03	2.38820D-06
146	1.57459D+00	6.04067D-02	5.00084D-01	-2.29020D-05	2.51654D-03	2.38820D-06
147	1.57651D+00	2.07722D-04	4.83016D-01	-2.56987D-05	2.51654D-03	-4.08516D-07
148	1.57597D+00	1.54527D-04	4.74212D-01	-2.72615D-05	2.51654D-03	-1.97129D-06
149	1.57528D+00	7.92709D-05	4.62895D-01	-2.85229D-05	2.51654D-03	-3.23276D-06
150	1.57458D+00	1.42496D-09	4.51577D-01	-2.89434D-05	2.51654D-03	-3.65325D-06
151	1.57527D+00	-5.76608D-03	4.62969D-01	-2.85229D-05	2.51654D-03	-3.23276D-06
152	1.57302D+00	-1.75760D-04	4.26001D-01	-2.89434D-05	2.51654D-03	-3.65325D-06
153	1.57525D+00	-1.77351D-02	4.63123D-01	-2.85229D-05	2.51654D-03	-3.23276D-06
154	1.57471D+00	-2.65596D-02	4.54640D-01	-2.85229D-05	2.51654D-03	-3.23276D-06
155	1.66230D+00	3.58573D-08	6.56998D-01	-1.32071D-06	1.39039D-03	1.86560D-05
156	1.63251D+00	-1.76323D-04	7.49951D-01	-9.44585D-06	9.08832D-04	8.54800D-06
157	1.61161D+00	-1.33177D-04	7.94725D-01	-1.05607D-05	7.64276D-04	6.83118D-06
158	1.61618D+00	5.94614D-02	7.96770D-01	-1.05607D-05	7.64276D-04	6.83118D-06
159	1.58903D+00	-5.64728D-05	8.38706D-01	-1.06524D-05	6.21738D-04	6.11380D-06
160	1.57138D+00	-2.20915D-08	8.63994D-01	-8.45064D-06	2.29781D-04	6.52283D-06
161	1.41840D+00	-3.15196D-04	9.20516D-01	1.00423D-06	-1.61549D-03	5.17860D-06
162	1.16387D+00	1.46108D-08	8.23661D-01	-3.41373D-06	-3.22973D-03	-1.91024D-05
163	1.11022D+00	3.86695D-04	7.84972D-01	-5.38935D-06	-3.46503D-03	-2.55050D-05
164	1.07299D+00	7.14941D-04	7.54598D-01	-6.36908D-06	-3.61008D-03	-2.87421D-05
165	8.77811D-01	2.80390D-03	5.44649D-01	-6.80976D-06	-4.10105D-03	-2.79290D-05
166	1.71434D-01	2.34677D-01	-3.19395D-02	-2.73898D-04	-2.49131D-04	-3.29243D-04
167	1.75590D-01	2.72655D-01	-3.65898D-02	-2.80176D-04	-2.23322D-04	-2.82888D-04
168	1.55822D-01	2.52718D-01	-3.18340D-02	-2.93053D-04	-2.00937D-04	-2.29071D-04
169	1.38671D-01	2.53494D-01	-2.94753D-02	-4.25287D-04	2.84566D-06	2.28654D-04
170	1.23719D-01	2.31521D-01	-1.92013D-02	-8.61326D-04	2.51711D-04	1.16714D-03
171	1.27585D-01	2.30000D-01	-1.63486D-02	-8.61326D-04	2.51711D-04	1.16714D-03
172	1.30722D-01	2.28765D-01	-1.40333D-02	-8.61326D-04	2.51711D-04	1.16714D-03
173	1.36704D-01	2.26410D-01	-9.61902D-03	-8.61326D-04	2.51711D-04	1.16714D-03
174	1.44582D-01	2.23309D-01	-3.80507D-03	-8.61326D-04	2.51711D-04	1.16714D-03
175	1.21353D-01	2.25416D-01	-1.71256D-02	-9.42592D-04	2.34808D-04	1.27460D-03
176	1.39181D-01	2.00093D-01	-3.39328D-08	-1.26830D-03	-5.77757D-05	2.20651D-03
177	1.62020D-01	3.91004D-08	-1.70050D-02	-1.28286D-03	-1.00543D-04	1.62111D-03
178	1.28986D-01	-6.41907D-02	1.76750D-08	-7.88252D-04	6.27971D-04	2.71600D-04

179	1.49453D-02	-1.28709D-08	1.64305D-01	1.79571D-04	1.00885D-03	-3.28630D-04
180	-6.92247D-02	2.36711D-03	2.42107D-01	5.60988D-04	4.82193D-04	4.09296D-04
181	-7.49460D-02	-3.83459D-05	2.45112D-01	5.98846D-04	4.21022D-04	4.43367D-04
182	-1.19649D-01	-2.78794D-02	2.38935D-01	1.02382D-03	-3.20164D-04	5.85649D-04
183	-1.22051D-01	-2.96995D-02	2.35819D-01	1.02986D-03	-3.31283D-04	5.85137D-04
184	-1.29761D-01	-2.84498D-02	2.39063D-01	1.03155D-03	-1.92997D-04	6.95885D-04
185	-1.27758D-01	-3.39344D-02	2.27849D-01	1.04501D-03	-3.83082D-04	5.60645D-04
186	-1.01311D-01	1.48351D-02	1.38084D-01	1.08799D-03	-1.02595D-03	2.77216D-04
187	-9.62705D-02	2.15502D-02	1.27106D-01	1.07224D-03	-1.04106D-03	2.69918D-04
188	-9.14475D-02	2.77671D-02	1.16725D-01	1.05523D-03	-1.05121D-03	2.65061D-04
189	-3.92172D-02	8.00593D-02	3.67611D-02	3.35556D-04	-4.81665D-04	3.29295D-04
190	5.33301D-01	-6.70731D-08	2.87663D-07	7.86047D-06	-2.90169D-03	9.74480D-05
191	1.68178D-01	3.11107D-07	-2.67658D-01	2.62191D-05	-7.61652D-04	-3.31805D-04
192	1.53718D-01	2.45770D-03	-2.72418D-01	2.69462D-05	-7.24006D-04	-3.70636D-04
193	1.32325D-01	2.79607D-02	-2.76636D-01	6.34325D-04	-5.74465D-04	-2.45298D-04
194	3.06157D-02	-5.04772D-02	-1.64421D-01	-1.07265D-03	3.81777D-04	-2.08217D-04
195	1.68427D-02	-1.18466D-02	-7.08217D-02	-6.18334D-04	2.38477D-04	-1.36706D-04
196	6.75063D-02	2.67537D-01	8.02324D-03	3.30511D-03	5.04755D-04	1.33156D-03
197	4.47467D-02	3.06720D-01	6.31612D-02	3.28828D-03	5.16628D-04	1.34486D-03
198	5.93914D-02	3.12233D-01	1.23145D-02	3.26407D-03	5.28210D-04	1.36666D-03
199	2.22801D-02	4.01285D-01	6.81237D-03	1.83961D-03	1.87718D-03	2.58184D-03
200	4.42895D-03	3.64619D-01	3.69644D-02	1.65603D-03	1.89691D-03	2.73021D-03
201	1.35846D-02	3.63098D-01	3.15477D-02	1.61942D-03	1.91184D-03	2.78853D-03
202	1.93663D-02	3.62150D-01	2.82266D-02	1.60347D-03	1.92113D-03	2.80964D-03
203	2.66249D-02	3.51384D-01	2.87310D-02	1.58049D-03	1.94188D-03	2.81196D-03
204	1.88141D-02	3.34218D-01	4.21146D-02	1.56380D-03	1.94556D-03	2.78065D-03
205	1.20231D-02	3.19434D-01	5.37294D-02	1.54972D-03	1.93020D-03	2.75188D-03
206	-1.39470D-02	3.23741D-01	6.80399D-02	1.48284D-03	1.88685D-03	2.83362D-03
207	-5.14954D-02	2.32489D-01	1.30541D-01	1.16866D-03	1.76763D-03	2.89597D-03
208	-1.38940D-01	2.77468D-08	2.52061D-01	6.37087D-04	7.67493D-04	2.00159D-03
209	1.17911D+00	5.66626D-02	2.64750D-01	-6.90212D-04	1.04970D-03	-8.99446D-04
210	1.17771D+00	4.77837D-02	2.42602D-01	-6.86859D-04	1.06267D-03	-9.31487D-04
211	1.19971D+00	9.51748D-02	2.27714D-01	-6.86859D-04	1.06267D-03	-9.31487D-04
212	1.17624D+00	3.88454D-02	2.20422D-01	-6.79247D-04	1.06763D-03	-9.61808D-04
213	1.15935D+00	-3.91277D-08	1.55832D-01	-2.62579D-04	6.99092D-04	-1.51241D-03
214	9.24176D-01	1.21346D-07	5.27263D-01	-5.13657D-04	4.67176D-03	4.16770D-03
215	8.61262D-02	6.95864D-02	-9.92001D-03	-1.29006D-03	1.53444D-03	2.35057D-03
216	6.89687D-02	3.40299D-02	-5.55837D-03	-1.21189D-03	8.01480D-04	2.37865D-03
217	7.81973D-02	7.97711D-02	-2.27124D-02	-1.26405D-03	8.48960D-04	2.17248D-03
218	8.50752D-02	8.74642D-02	-5.58301D-07	-6.84343D-04	2.82768D-04	-8.81875D-04
219	-7.32577D-03	5.07271D-02	2.00221D-02	4.02206D-05	3.36607D-04	-1.28951D-03
220	-9.91080D-03	4.98084D-02	1.99335D-02	4.24321D-05	3.36945D-04	-1.28981D-03
221	-7.82061D-03	4.26940D-02	1.79987D-02	4.24321D-05	3.36945D-04	-1.28981D-03
222	-1.24963D-02	4.88897D-02	1.98406D-02	4.45298D-05	3.37282D-04	-1.29000D-03
223	-3.32714D-02	4.15423D-02	1.85043D-02	9.50847D-05	3.48050D-04	-1.28040D-03
224	-3.58372D-02	4.06236D-02	1.83072D-02	9.61580D-05	3.48388D-04	-1.27960D-03
225	-3.37467D-02	3.35756D-02	1.62962D-02	9.61580D-05	3.48388D-04	-1.27960D-03
226	-3.84012D-02	3.97048D-02	1.81080D-02	9.71176D-05	3.48725D-04	-1.27870D-03
227	-3.20681D-02	6.79486D-03	2.82380D-03	1.22050D-05	3.49142D-04	-2.29588D-04
228	6.24799D-02	-1.02498D-07	3.75072D-03	-1.15355D-03	5.91770D-04	2.49088D-03
229	7.28395D-02	-2.33063D-02	1.43869D-02	-9.21111D-04	4.85280D-04	1.92058D-03
230	7.97221D-02	-2.50887D-02	1.78185D-02	-8.02821D-04	4.80761D-04	1.55482D-03
231	2.67118D-07	-1.22693D-01	2.18438D-07	-4.76294D-04	1.00836D-04	1.02746D-03
232	-8.33386D-03	-8.36505D-03	1.39404D-02	1.68310D-04	-1.46006D-04	-3.70463D-04
233	-7.59079D-03	-7.44971D-03	1.42779D-02	1.67123D-04	-1.46497D-04	-3.69755D-04
234	-8.59726D-03	-8.38420D-03	1.66924D-02	1.67123D-04	-1.46497D-04	-3.69755D-04
235	-6.84920D-03	-6.53438D-03	1.46129D-02	1.65897D-04	-1.46987D-04	-3.68992D-04
236	-1.54879D-08	-7.30489D-02	3.04506D-08	5.33137D-04	3.59178D-04	-5.04706D-04
237	-5.03439D-04	-7.34945D-02	-5.17120D-04	5.29602D-04	3.58048D-04	-4.53100D-04
238	-3.04269D-03	-7.62278D-02	-3.66922D-03	5.30435D-04	3.56591D-04	-3.77218D-04

239	-5.93699D-03	-7.38513D-02	-1.42270D-03	5.30435D-04	3.56591D-04	-3.77218D-04
240	-5.07883D-03	-7.89611D-02	-6.85405D-03	5.40510D-04	3.55133D-04	-2.85396D-04
241	3.55948D-03	-2.59855D-03	-2.68535D-03	-5.11579D-04	1.20533D-03	-5.20230D-04
242	3.34314D-03	-5.66310D-03	-6.16318D-03	-4.34398D-04	1.20592D-03	-2.84117D-04
243	-2.75531D-04	-2.65328D-03	4.96039D-03	-2.86322D-04	1.26082D-03	-3.93935D-04
244	5.39688D-03	-2.75890D-03	-6.35013D-03	-2.47103D-04	-4.28154D-04	-4.01794D-06
245	2.71367D-03	-1.32183D-03	-3.61924D-03	-2.04703D-04	-3.86880D-04	-2.88617D-06
246	2.73185D-03	1.57247D-03	-4.90887D-03	-2.04703D-04	-3.86880D-04	-2.88617D-06
247	5.13870D-04	-2.20006D-04	-8.88352D-04	-1.35353D-04	-2.67018D-04	-1.75441D-06
248	-3.86967D-03	-1.03242D-03	6.33555D-03	7.15162D-05	-2.93552D-04	-1.36043D-04
249	-1.97691D-03	-5.43194D-04	3.60923D-03	7.14596D-05	-2.74101D-04	-9.77227D-05
250	-1.36125D-03	2.35111D-03	4.05943D-03	7.14596D-05	-2.74101D-04	-9.77227D-05
251	-3.88784D-04	-1.14013D-04	8.82910D-04	5.15024D-05	-1.92003D-04	-5.94023D-05
252	5.78659D-02	3.46013D-01	-1.67696D-03	3.11060D-03	6.19951D-04	1.52020D-03

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
1	TANGENT	1	END-I	41.441	-1084.648	-14.663	2835.89	3511.09	-36282.82
			END-J	41.441	-711.944	-14.663	2835.89	3032.72	-6976.20
1	TANGENT	2	END-I	-3114.771	-3469.916	-3382.512	-71646.73	195804.09	-284877.49
			END-J	-3114.771	-3469.916	-3382.512	-71646.73	85450.70	-171672.56
2	TANGENT	1	END-I	41.441	-711.944	-14.663	2835.80	3032.72	-6976.23
			END-J	41.441	-163.587	-14.663	2835.80	2328.88	14036.70
2	TANGENT	2	END-I	-3114.815	-3469.916	-3382.472	-71648.93	85450.70	-171671.64
			END-J	-3114.815	-3469.916	-3382.472	-71648.93	-76909.50	-5114.06
3	TANGENT	1	END-I	41.442	-163.587	-14.659	2834.47	2328.88	14036.97
			END-J	41.442	64.893	-14.659	2834.47	2035.69	15023.90
3	TANGENT	2	END-I	-3114.496	-3469.916	-3382.765	-71648.45	-76909.50	-5120.81
			END-J	-3114.496	-3469.916	-3382.765	-71648.45	-144564.54	64277.24
4	BEND	1	END-I	41.441	64.893	-14.664	2836.24	2035.69	15023.57
			CENTER	162.525	103.920	-14.664	3384.85	-711.23	13973.23
			END-J	311.918	-41.439	-14.664	1830.41	-3041.53	13438.53
4	BEND	2	END-I	-3114.894	-3469.916	-3382.398	-71640.88	-144564.54	64285.68
			CENTER	-4656.164	-251.052	-3382.398	-166749.60	-85049.20	85863.44
			END-J	-3469.935	3114.874	-3382.398	-191918.26	24286.44	69256.24
5	TANGENT	1	END-I	311.918	-36.234	-24.889	1830.39	-6415.65	12193.63
			END-J	517.550	-36.234	-24.889	1830.39	-6863.65	12845.84
5	TANGENT	2	END-I	-3469.916	3884.105	-2461.080	-191918.11	5537.58	73182.30
			END-J	-3469.916	3884.105	-2461.080	-191918.11	-38761.86	3268.41
6	BEND	1	END-I	517.553	-4.632	43.684	1830.39	14564.30	-81.41
			CENTER	561.967	-237.790	43.678	7334.43	13106.22	881.62
			END-J	493.693	-500.250	43.673	11861.51	9652.76	3922.49
6	BEND	2	END-I	-3470.048	-4013.664	-2243.385	-191916.20	21331.47	32540.21
			CENTER	-4741.875	-2380.200	-2243.385	-172730.18	75122.55	59248.58
			END-J	-5291.785	-384.367	-2243.385	-134419.54	117476.75	70796.69
7	BEND	1	END-I	493.694	-500.245	43.714	11861.09	9652.87	3923.48
			CENTER	300.129	-736.678	43.714	14722.09	4730.35	9062.19
			END-J	-4.630	-888.091	43.714	15481.54	-912.32	15839.23
7	BEND	2	END-I	-5291.595	-384.415	-2243.824	-134426.48	117475.54	70785.53
			CENTER	-5035.907	1669.850	-2243.824	-82824.83	141943.85	65416.07
			END-J	-4013.550	3469.896	-2243.824	-25787.51	144802.56	43946.57
8	TANGENT	1	END-I	-4.636	888.091	-43.714	15481.21	912.40	-15839.55
			END-J	-4.636	1013.751	-43.714	15481.21	431.56	-26299.38

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
8	TANGENT	2	END-I	-4013.486	-3469.916	2243.907	-25787.68	-144802.69	-43946.04
			END-J	-4013.486	-3469.916	2243.907	-25787.68	-120120.42	-5778.05
9	TANGENT	1	END-I	-85.213	-1311.179	-59.867	-1043.29	1513.33	-22859.00
			END-J	-85.213	-1280.945	-59.867	-1043.29	952.08	-10708.41
9	TANGENT	2	END-I	118.885	-291.937	-252.182	-6082.63	18917.95	-3682.34
			END-J	118.885	-291.937	-252.182	-6082.63	16553.74	-945.43
10	TANGENT	1	END-I	-64.498	2324.930	41.503	-7377.73	-1081.77	-25254.67
			END-J	-64.498	2450.591	41.503	-7377.73	-625.25	-51519.29
10	TANGENT	2	END-I	-4265.675	-3177.979	2125.037	-29469.64	-139038.37	304.81
			END-J	-4265.675	-3177.979	2125.037	-29469.64	-115663.62	35261.58
11	TANGENT	1	END-I	-64.504	2450.591	41.493	-7369.67	-625.25	-51520.44
			END-J	-64.504	2549.109	41.493	-7369.67	-267.42	-73078.56
11	TANGENT	2	END-I	-4266.007	-3177.979	2124.370	-29475.15	-115663.62	35256.97
			END-J	-4266.007	-3177.979	2124.370	-29475.15	-97343.55	62663.11
12	TANGENT	1	END-I	-64.497	-1593.885	41.504	-7382.04	-267.42	-73077.31
			END-J	-64.497	-1225.701	41.504	-7382.04	1070.20	-27641.12
12	TANGENT	2	END-I	-4265.648	133.798	2125.092	-29464.55	-97343.55	62668.10
			END-J	-4265.648	133.798	2125.092	-29464.55	-28854.00	58355.93
13	BEND	1	END-I	-64.499	-41.500	-1225.701	-7380.57	27641.51	1070.20
			CENTER	-69.805	-31.775	-522.108	-7725.60	-25181.43	3330.62
			END-J	-73.655	-21.386	181.484	-12550.31	-34220.83	4970.55
13	BEND	2	END-I	-4265.760	-2124.866	133.798	-29467.64	-58354.37	-28854.00
			CENTER	-4527.390	-1488.122	133.798	-36972.79	-45288.32	82600.31
			END-J	-4694.553	-820.327	133.798	-42517.19	-31277.29	153811.87
14	TANGENT	1	END-I	-73.655	181.484	21.387	-12549.91	4970.55	34220.98
			END-J	-73.655	682.949	21.387	-12549.91	5909.36	15248.49
14	TANGENT	2	END-I	-4694.544	133.798	820.381	-42516.82	153811.87	31277.79
			END-J	-4694.544	133.798	820.381	-42516.82	189823.14	25404.63
15	TANGENT	1	END-I	-73.655	682.949	21.387	-12549.91	5909.36	15248.49
			END-J	-73.655	995.971	21.387	-12549.91	6495.37	-7753.05
15	TANGENT	2	END-I	-4694.544	133.798	820.381	-42516.82	189823.14	25404.63
			END-J	-4694.544	133.798	820.381	-42516.82	212301.91	21738.51
16	TANGENT	1	END-I	-73.655	995.971	21.387	-12549.91	6495.37	-7753.05
			END-J	-73.655	1357.574	21.387	-12549.91	7172.34	-45001.35
16	TANGENT	2	END-I	-4694.544	133.798	820.381	-42516.82	212301.91	21738.51
			END-J	-4694.544	133.798	820.381	-42516.82	238269.38	17503.42

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
17	TANGENT	1	END-I	-73.655	1357.574	21.387	-12549.91	7172.34	-45001.35
			END-J	-73.655	1483.236	21.387	-12549.91	7407.60	-60625.46
17	TANGENT	2	END-I	-4694.544	133.798	820.381	-42516.82	238269.38	17503.42
			END-J	-4694.544	133.798	820.381	-42516.82	247293.37	16031.67
18	TANGENT	1	END-I	-1634.675	49.502	-61.833	2044.27	-7013.83	-10678.68
			END-J	-1562.950	49.502	-61.833	2044.27	-7639.89	-11179.88
18	TANGENT	2	END-I	-1198.026	2750.733	-3364.178	109599.54	47782.85	61248.09
			END-J	-1198.026	2750.733	-3364.178	109599.54	13720.54	33396.91
19	TANGENT	1	END-I	5.070	3117.911	30.107	-9958.48	5363.33	-48114.96
			END-J	5.070	3243.572	30.107	-9958.48	5694.49	-83102.34
19	TANGENT	2	END-I	-370.648	1331.824	1254.153	-52038.18	137693.84	-61064.84
			END-J	-370.648	1331.824	1254.153	-52038.18	151489.21	-75714.58
20	TANGENT	1	END-I	5.070	3243.572	30.107	-9958.48	5694.49	-83102.34
			END-J	5.070	3323.528	30.107	-9958.48	5905.20	-106083.72
20	TANGENT	2	END-I	-370.648	1331.824	1254.153	-52038.18	151489.21	-75714.58
			END-J	-370.648	1331.824	1254.153	-52038.18	160266.95	-85035.94
21	BEND	1	END-I	5.070	-30.107	-2481.294	-9957.36	106083.82	5905.20
			CENTER	-6.837	-29.755	-1754.533	3801.86	-29185.70	7834.17
			END-J	-17.703	-24.874	-1027.773	-26289.50	-114368.77	9594.50
21	BEND	2	END-I	-370.661	-1254.149	-647.953	-52037.29	85036.48	160266.95
			CENTER	-822.387	-1016.838	-647.953	-23524.46	58307.72	233446.47
			END-J	-1148.912	-624.723	-647.953	-7410.65	22702.20	286343.60
22	TANGENT	1	END-I	-17.703	-1027.773	24.874	-26288.64	9594.50	114368.97
			END-J	-17.703	-932.097	24.874	-26288.64	9802.82	122575.92
22	TANGENT	2	END-I	-1148.908	-647.953	624.732	-7410.82	286343.60	-22702.14
			END-J	-1148.908	-647.953	624.732	-7410.82	291575.73	-17275.53
23	TANGENT	1	END-I	-17.703	5610.825	24.874	-40429.89	10847.52	24322.61
			END-J	-17.703	5996.781	24.874	-40429.89	11295.25	-80145.85
23	TANGENT	2	END-I	-1148.908	-647.953	624.732	-7410.82	317814.47	9938.50
			END-J	-1148.908	-647.953	624.732	-7410.82	329059.64	21601.66
24	BEND	1	END-I	-17.703	-24.874	-1836.850	-40429.89	80145.85	11295.25
			CENTER	-30.107	-5.070	-1483.199	17525.72	60753.67	11555.71
			END-J	-24.874	17.703	-1129.549	46969.41	11311.97	11445.83
24	BEND	2	END-I	-1148.908	-624.732	-272.654	-7410.82	-21601.66	329059.64
			CENTER	-1254.153	370.648	-272.654	-22191.96	-14083.15	331269.78
			END-J	-624.732	1148.908	-272.654	-27327.40	1685.08	318051.95

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
25	TANGENT	1	END-I	-24.874	-1129.549	-17.703	46969.41	11445.83	-11311.97
			END-J	-24.874	-958.013	-17.703	46969.41	11304.20	-2961.72
25	TANGENT	2	END-I	-624.732	-272.654	-1148.908	-27327.40	318051.95	-1685.08
			END-J	-624.732	-272.654	-1148.908	-27327.40	308860.69	496.15
26	TANGENT	1	END-I	0.000	-364.591	0.000	-808.50	0.00	-5489.55
			END-J	0.000	-352.082	0.000	-808.50	0.00	-2981.19
26	TANGENT	2	END-I	-0.000	29.623	-0.000	-0.00	0.00	1070.12
			END-J	-0.000	29.623	-0.000	-0.00	0.00	862.76
27	TANGENT	1	END-I	-0.000	-352.082	-0.000	-808.50	0.00	-2981.19
			END-J	-0.000	-346.721	-0.000	-808.50	0.00	-1932.99
27	TANGENT	2	END-I	-0.000	29.623	-0.000	-0.00	0.00	862.76
			END-J	-0.000	29.623	-0.000	-0.00	0.00	773.89
28	TANGENT	1	END-I	-0.000	-346.721	-0.000	-808.50	0.00	-1932.99
			END-J	-0.000	-338.233	-0.000	-808.50	0.00	-306.22
28	TANGENT	2	END-I	-0.000	29.623	-0.000	-0.00	0.00	773.89
			END-J	-0.000	29.623	-0.000	-0.00	0.00	633.18
29	TANGENT	1	END-I	0.000	158.907	0.000	0.00	0.00	1534.13
			END-J	0.000	163.598	0.000	0.00	0.00	1110.84
29	TANGENT	2	END-I	-0.000	29.623	-0.000	0.00	0.00	277.71
			END-J	-0.000	29.623	-0.000	0.00	0.00	199.95
30	TANGENT	1	END-I	0.0	163.598	-0.000	0.00	0.00	1110.84
			END-J	0.0	169.629	-0.000	0.00	0.00	548.51
30	TANGENT	2	END-I	-0.000	29.623	-0.000	0.00	0.00	199.95
			END-J	-0.000	29.623	-0.000	0.00	0.00	99.98
31	TANGENT	1	END-I	-0.000	184.823	-0.000	0.0	0.00	582.01
			END-J	-0.000	190.854	-0.000	0.0	0.00	-51.95
31	TANGENT	2	END-I	0.0	29.623	-0.000	0.0	0.00	99.98
			END-J	0.0	29.623	-0.000	0.0	-0.00	0.00
32	TANGENT	1	END-I	15.194	0.000	0.000	-0.00	-0.00	33.49
			END-J	14.522	0.000	0.000	-0.00	-0.00	33.49
32	TANGENT	2	END-I	-0.000	0.000	0.000	0.00	-0.00	0.00
			END-J	-0.000	0.000	0.000	0.00	-0.00	0.00
33	TANGENT	1	END-I	0.000	-13.626	-0.000	0.0	0.00	-51.95
			END-J	0.000	0.000	-0.000	0.0	-0.00	-0.00

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
33	TANGENT	2	END-I	0.0	-0.000	-0.000	0.0	0.00	0.00
			END-J	0.0	-0.000	-0.000	0.0	-0.00	0.00
34	TANGENT	1	END-I	14.522	-0.000	0.000	-0.00	-0.00	33.49
			END-J	13.146	-0.000	0.000	-0.00	-0.00	33.49
34	TANGENT	2	END-I	0.0	-0.000	0.000	0.00	-0.00	0.00
			END-J	0.0	-0.000	0.000	0.00	-0.00	0.00
35	TANGENT	1	END-I	-24.874	-593.422	-17.703	41479.86	11304.20	-2153.22
			END-J	-24.874	-379.002	-17.703	41479.86	11127.17	2708.90
35	TANGENT	2	END-I	-624.732	-302.277	-1148.908	-26257.28	308860.69	496.15
			END-J	-624.732	-302.277	-1148.908	-26257.28	297371.61	3518.92
36	TANGENT	1	END-I	-24.874	-2464.210	-17.703	41479.86	11127.17	2708.90
			END-J	-24.874	-2056.812	-17.703	41479.86	10790.80	45658.61
36	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	297371.61	3518.92
			END-J	-624.732	652.408	-1148.908	-26257.28	275542.37	-8876.83
37	TANGENT	1	END-I	-24.874	-2056.812	-17.703	41479.86	10790.80	45658.61
			END-J	-24.874	-1027.596	-17.703	41479.86	9941.05	119684.41
37	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	275542.37	-8876.83
			END-J	-624.732	652.408	-1148.908	-26257.28	220394.80	-40192.40
38	TANGENT	1	END-I	-24.874	-1027.596	-17.703	41479.86	9941.05	119684.41
			END-J	-24.874	-813.176	-17.703	41479.86	9764.01	128888.27
38	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	220394.80	-40192.40
			END-J	-624.732	652.408	-1148.908	-26257.28	208905.72	-46716.48
39	TANGENT	1	END-I	-24.874	5710.888	-17.703	27338.61	9020.48	26036.33
			END-J	-24.874	5839.540	-17.703	27338.61	8914.26	-8614.96
39	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	160651.60	-74117.61
			END-J	-624.732	652.408	-1148.908	-26257.28	153758.15	-78032.06
40	TANGENT	1	END-I	-24.874	5839.540	-17.703	27338.61	8914.26	-8614.96
			END-J	-24.874	6075.402	-17.703	27338.61	8719.52	-74147.14
40	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	153758.15	-78032.06
			END-J	-624.732	652.408	-1148.908	-26257.28	141120.17	-85208.54
41	TANGENT	1	END-I	-35.619	7222.397	-35.516	58805.58	2780.43	12903.85
			END-J	-35.619	7458.259	-35.516	58805.58	2389.75	-67839.76
41	TANGENT	2	END-I	-1888.858	622.534	-1081.567	-4331.52	144.38	32387.71
			END-J	-1888.858	622.534	-1081.567	-4331.52	-11752.86	25539.83

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
42	TANGENT	1	END-I	-53.323	-1146.996	-10.642	-15341.55	5939.09	-14434.76
			END-J	-53.323	-911.134	-10.642	-15341.55	5822.02	-3115.05
42	TANGENT	2	END-I	-3037.766	29.873	-456.835	-89540.06	140975.79	58644.99
			END-J	-3037.766	29.873	-456.835	-89540.06	135950.60	58316.39
43	TANGENT	1	END-I	-53.323	-911.134	-10.642	-15341.55	5822.02	-3115.05
			END-J	-53.323	482.596	-10.642	-15341.55	5130.26	10812.41
43	TANGENT	2	END-I	-3037.766	29.873	-456.835	-89540.06	135950.60	58316.39
			END-J	-3037.766	29.873	-456.835	-89540.06	106256.32	56374.61
44	BEND	1	END-I	-53.323	10.642	482.596	-15341.55	-10812.41	5130.26
			CENTER	-30.179	45.230	836.247	-14785.00	13138.35	4644.25
			END-J	10.642	53.323	1189.898	4719.51	34932.00	3787.00
44	BEND	2	END-I	-3037.766	456.835	29.873	-89540.06	-56374.61	106256.32
			CENTER	-1824.994	2471.056	29.873	-102993.51	23895.11	80788.10
			END-J	456.835	3037.766	29.873	-55747.27	90167.40	32869.70
45	TANGENT	1	END-I	10.642	1189.898	-53.323	4719.51	3787.00	-34932.00
			END-J	10.642	1511.528	-53.323	4719.51	2987.16	-55192.69
45	TANGENT	2	END-I	456.835	29.873	-3037.766	-55747.27	32869.70	-90167.40
			END-J	456.835	29.873	-3037.766	-55747.27	-12696.79	-90615.50
46	TANGENT	1	END-I	10.642	-1778.789	-53.323	4719.51	2987.16	-55192.69
			END-J	10.642	-99.838	-53.323	4719.51	-1188.10	18357.44
46	TANGENT	2	END-I	456.835	-1129.603	-3037.766	-55747.27	-12696.79	-90615.50
			END-J	456.835	-1129.603	-3037.766	-55747.27	-250559.93	-2165.33
47	BEND	1	END-I	10.642	53.323	-99.838	4719.51	-18357.44	-1188.10
			CENTER	30.237	45.192	76.979	-2729.34	-18848.77	-1599.59
			END-J	45.229	30.181	253.795	-9516.64	-15031.40	-1914.42
47	BEND	2	END-I	456.835	3037.766	-1129.603	-55747.27	2165.33	-250559.93
			CENTER	1584.511	2631.738	-1129.603	-52481.11	14255.61	-274241.13
			END-J	2470.984	1825.091	-1129.603	-44837.02	24175.82	-292857.05
48	TANGENT	1	END-I	45.230	253.795	-30.179	-9517.23	-1914.42	15031.02
			END-J	45.230	608.520	-30.179	-9517.23	-2413.69	7898.18
48	TANGENT	2	END-I	2471.056	-1129.603	-1824.994	-44836.06	-292857.05	-24177.58
			END-J	2471.056	-1129.603	-1824.994	-44836.06	-323048.78	-5490.03
49	BEND	1	END-I	45.230	-30.179	-608.520	-9517.23	7898.18	2413.69
			CENTER	30.237	-45.191	-785.352	-6837.64	5328.85	2728.54
			END-J	10.641	-53.323	-962.183	-5628.01	508.51	3140.06
49	BEND	2	END-I	2471.056	-1824.994	1129.603	-44836.06	-5490.03	323048.78
			CENTER	1584.527	-2631.729	1129.603	-41718.07	21164.69	341665.90
			END-J	456.750	-3037.779	1129.603	-28636.77	44597.05	365349.20

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
50	TANGENT	1	END-I	10.642	962.183	-53.323	-5628.02	-3140.06	508.35
			END-J	10.642	1290.289	-53.323	-5628.02	-3956.00	-16725.31
50	TANGENT	2	END-I	456.835	-1129.603	-3037.766	-28638.01	-365349.20	44596.25
			END-J	456.835	-1129.603	-3037.766	-28638.01	-411833.09	61881.44
51	TANGENT	1	END-I	10.642	-1138.641	-53.323	-5628.02	-3956.00	-16725.31
			END-J	10.642	-302.403	-53.323	-5628.02	-6035.58	11375.02
51	TANGENT	2	END-I	456.835	-1223.535	-3037.766	-28638.01	-411833.09	61881.44
			END-J	456.835	-1223.535	-3037.766	-28638.01	-530305.96	109599.29
52	BEND	1	END-I	10.642	-302.404	53.313	-5628.02	-1781.44	12753.27
			CENTER	28.683	13.633	-67.634	-5164.55	2564.42	14976.99
			END-J	362.248	-10.642	-188.581	-2507.76	3513.71	14255.30
52	BEND	2	END-I	456.835	-2188.659	-2436.150	-28638.01	-460846.92	284352.83
			CENTER	-1224.585	-1870.647	-2436.150	-361102.28	-341792.84	319662.64
			END-J	-2188.659	-456.835	-2436.150	-512006.08	-22521.15	339908.21
53	TANGENT	1	END-I	362.241	188.594	-10.642	-2507.24	-14255.39	3513.71
			END-J	1057.021	441.481	-10.642	-2507.24	-14627.88	-7512.57
53	TANGENT	2	END-I	-2188.749	2436.070	-456.835	-511993.63	-339926.96	-22521.15
			END-J	-2188.749	2436.070	-456.835	-511993.63	-355916.13	-107783.29
54	TANGENT	1	END-I	-101.894	-1251.153	-0.351	-878.64	-658.66	-55511.91
			END-J	-101.894	-878.473	-0.351	-878.64	-670.10	-20775.07
54	TANGENT	2	END-I	118.912	-2651.742	-1214.861	-13723.36	104815.43	-268259.42
			END-J	118.912	-2651.742	-1214.861	-13723.36	65183.66	-181753.01
55	TANGENT	1	END-I	-101.894	-878.473	-0.350	-878.72	-670.10	-20775.07
			END-J	-101.894	-398.662	-0.350	-878.72	-684.81	6044.97
55	TANGENT	2	END-I	118.907	-2651.742	-1214.861	-13724.07	65183.66	-181752.95
			END-J	118.907	-2651.742	-1214.861	-13724.07	14159.12	-70378.97
56	TANGENT	1	END-I	-101.818	-398.662	3.954	-622.60	-684.81	6076.69
			END-J	-101.818	-200.562	3.954	-622.60	-616.24	11272.17
56	TANGENT	2	END-I	67.484	-2651.742	-1218.800	-16684.65	14159.12	-69736.44
			END-J	67.484	-2651.742	-1218.800	-16684.65	-6975.72	-23753.36
57	BEND	1	END-I	-101.820	-200.562	-3.907	-1489.76	-616.24	11190.62
			CENTER	-82.813	61.182	-3.907	-1513.21	559.64	12242.36
			END-J	169.970	101.824	-3.907	-698.33	1407.69	10436.66
57	BEND	2	END-I	161.246	-2651.742	-1209.970	-14803.75	-6975.72	-24968.96
			CENTER	-1761.024	-1989.103	-1209.970	-22842.50	-12431.85	15398.71
			END-J	-2651.739	-161.306	-1209.970	-32384.84	-10605.77	34103.72

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
58	TANGENT	1	END-I	169.973	97.339	-30.127	-698.29	4060.91	9716.71
			END-J	293.536	97.339	-30.127	-698.29	3729.52	8645.98
58	TANGENT	2	END-I	-2651.742	-468.911	-1127.009	-32385.08	-1417.11	35686.44
			END-J	-2651.742	-468.911	-1127.009	-32385.08	-13814.21	40844.45
59	BEND	1	END-I	293.536	-30.127	-97.339	-698.29	8645.98	-3729.52
			CENTER	317.264	-359.870	-97.339	5021.15	5161.98	-724.98
			END-J	-30.127	-664.076	-97.339	6601.85	-1345.84	8021.14
59	BEND	2	END-I	-2651.742	-1127.009	468.911	-32385.08	40844.45	13814.21
			CENTER	-2671.981	1078.149	468.911	8865.83	58744.07	14239.22
			END-J	-1127.009	2651.742	468.911	50691.57	42232.20	-18205.18
60	TANGENT	1	END-I	-30.127	664.076	97.339	6601.85	1345.84	-8021.14
			END-J	-30.127	789.740	97.339	6601.85	2416.57	-16017.13
60	TANGENT	2	END-I	-1127.009	-2651.742	-468.911	50691.57	-42232.20	18205.18
			END-J	-1127.009	-2651.742	-468.911	50691.57	-47390.22	47374.35
61	TANGENT	1	END-I	-1380.275	117.612	5.390	-118.08	-1685.98	4561.72
			END-J	-1351.213	117.612	5.390	-118.08	-1635.45	3459.11
61	TANGENT	2	END-I	-116.931	518.861	-45.442	5876.78	14033.95	51692.06
			END-J	-116.931	518.861	-45.442	5876.78	13607.93	46827.73
62	TANGENT	1	END-I	-35.516	2170.015	-20.273	2040.13	2534.65	-14331.15
			END-J	-35.516	2295.679	-20.273	2040.13	2311.65	-38892.47
62	TANGENT	2	END-I	-1081.567	-2534.812	-987.772	-1000.48	-53267.00	33340.40
			END-J	-1081.567	-2534.812	-987.772	-1000.48	-64132.49	61223.32
63	TANGENT	1	END-I	-35.516	2295.679	-20.273	2040.13	2311.65	-38892.47
			END-J	-35.516	2369.935	-20.273	2040.13	2179.88	-54055.71
63	TANGENT	2	END-I	-1081.567	-2534.812	-987.772	-1000.48	-64132.49	61223.32
			END-J	-1081.567	-2534.812	-987.772	-1000.48	-70553.01	77699.60
64	TANGENT	1	END-I	-35.516	-1022.293	-20.273	2040.13	2179.88	-54055.71
			END-J	-35.516	852.671	-20.273	2040.13	-1147.35	-40136.17
64	TANGENT	2	END-I	-1081.567	576.256	-987.772	-1000.48	-70553.01	77699.60
			END-J	-1081.567	576.256	-987.772	-1000.48	-232671.05	-16878.37
65	TANGENT	1	END-I	-35.516	-1339.914	35.619	2040.13	-1147.35	-40136.17
			END-J	-35.516	-380.298	35.619	2040.13	1844.67	32112.75
65	TANGENT	2	END-I	-1081.567	-94.476	1888.858	-1000.48	-232671.05	-16878.37
			END-J	-1081.567	-94.476	1888.858	-1000.48	-74006.97	-8942.41
66	BEND	1	END-I	-35.516	-35.619	-380.298	2040.13	-32112.75	1844.67
			CENTER	-38.162	-32.769	-25.094	-762.00	-38467.74	2908.38
			END-J	-40.580	-29.722	330.111	-3619.89	-33553.90	3880.37

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
66	BEND	2	END-I	-1081.567	-1888.858	-94.476	-1000.48	8942.41	-74006.97
			CENTER	-1224.282	-1799.640	-94.476	-420.07	6058.39	-16635.40
			END-J	-1359.677	-1699.662	-94.476	-64.24	3138.14	37793.37
67	BEND	1	END-I	-40.580	-29.722	330.111	-3619.89	-33553.90	3880.37
			CENTER	-42.807	-26.415	694.197	-5695.77	-16853.38	4775.38
			END-J	-44.764	-22.942	1058.284	-5982.79	11550.47	5562.29
67	BEND	2	END-I	-1359.677	-1699.662	-94.476	-64.24	3138.14	37793.37
			CENTER	-1490.013	-1586.642	-94.476	65.20	125.56	90188.53
			END-J	-1610.990	-1463.655	-94.476	-44.35	-2887.82	138820.92
68	BEND	1	END-I	-44.764	-22.942	1058.284	-5982.79	11550.47	5562.29
			CENTER	-45.087	-22.301	1123.765	-5773.36	17888.05	5691.96
			END-J	-45.400	-21.656	1189.246	-5470.91	24597.32	5817.94
68	BEND	2	END-I	-1610.989	-1463.655	-94.476	-44.35	-2887.82	138820.92
			CENTER	-1631.694	-1440.537	-94.476	-89.38	-3428.40	147144.36
			END-J	-1652.068	-1417.125	-94.476	-142.11	-3968.28	155334.44
69	BEND	1	END-I	-45.400	-21.656	1189.246	-5470.91	24597.32	5817.94
			CENTER	-45.832	-20.725	1282.953	-4865.78	34842.40	5991.76
			END-J	-46.246	-19.786	1376.660	-4043.90	45841.59	6157.91
69	BEND	2	END-I	-1652.068	-1417.125	-94.476	-142.11	-3968.28	155334.44
			CENTER	-1680.638	-1383.123	-94.476	-230.96	-4739.45	166819.53
			END-J	-1708.508	-1348.545	-94.476	-335.51	-5508.65	178023.35
70	BEND	1	END-I	-46.246	-19.786	-1005.712	-4043.90	45841.59	6157.91
			CENTER	-48.023	-14.965	-536.425	-1127.42	14403.62	6872.30
			END-J	-49.299	-9.988	-67.137	-448.99	2076.56	7385.27
70	BEND	2	END-I	-1708.508	-1348.545	51.632	-335.51	-5508.65	178023.35
			CENTER	-1837.159	-1167.227	51.632	-787.42	-3328.37	229741.21
			END-J	-1946.643	-973.731	51.632	-1014.56	-1113.35	273753.85
71	BEND	1	END-I	-49.299	-9.988	-67.137	-448.99	2076.56	7385.27
			CENTER	-49.985	-5.628	335.991	-161.09	6850.04	7660.97
			END-J	-50.286	-1.224	739.119	1168.15	25787.12	7781.94
71	BEND	2	END-I	-1946.643	-973.731	51.632	-1014.56	-1113.35	273753.85
			CENTER	-2024.513	-799.324	51.632	-1028.34	799.53	305057.53
			END-J	-2086.793	-618.761	51.632	-874.37	2706.26	330094.15
72	TANGENT	1	END-I	-50.298	-4738.028	0.474	1397.74	7787.91	18313.35
			END-J	-50.298	-4687.345	0.474	1397.74	7790.01	39221.32
72	TANGENT	2	END-I	-2095.792	-169.283	587.561	-839.32	335567.54	-1161.36
			END-J	-2095.792	-169.283	587.561	-839.32	338174.27	-410.33
73	TANGENT	1	END-I	-50.300	1855.586	0.073	-11695.60	7793.07	100030.43
			END-J	-50.300	2691.819	0.073	-11695.60	7795.91	11356.56

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
73	TANGENT	2	END-I	-2100.408	-169.283	570.841	-836.02	362149.20	6692.76
			END-J	-2100.408	-169.283	570.841	-836.02	384411.87	13294.75
74	TANGENT	1	END-I	-50.300	81.223	0.073	-11695.60	7795.91	11356.56
			END-J	-50.300	274.203	0.073	-11695.60	7796.57	9757.13
74	TANGENT	2	END-I	-2100.408	189.290	570.841	-836.02	384411.87	13294.75
			END-J	-2100.408	189.290	570.841	-836.02	389549.47	11591.13
75	BEND	1	END-I	-50.300	-0.073	274.203	-11695.60	-9757.13	7796.57
			CENTER	-35.620	35.516	627.849	-12742.56	8211.77	7488.27
			END-J	-0.074	50.300	981.496	1398.09	26909.46	6741.80
75	BEND	2	END-I	-2100.408	-570.841	189.290	-836.02	-11591.13	389549.47
			CENTER	-1888.867	1081.552	189.290	-7623.01	-4794.30	385107.12
			END-J	-570.875	2100.398	189.290	-7616.12	4810.92	357429.29
76	TANGENT	1	END-I	-0.073	981.496	-50.300	1398.53	6741.80	-26909.43
			END-J	-0.073	1153.037	-50.300	1398.53	6339.39	-35447.79
76	TANGENT	2	END-I	-570.841	189.290	-2100.408	-7616.04	357429.29	-4811.04
			END-J	-570.841	189.290	-2100.408	-7616.04	340625.59	-6325.40
77	TANGENT	1	END-I	0.000	-340.881	-0.000	-426.65	0.00	-4251.40
			END-J	0.000	-328.371	-0.000	-426.65	0.00	-1908.90
77	TANGENT	2	END-I	0.000	-14.250	-0.000	0.01	0.00	-514.75
			END-J	0.000	-14.250	-0.000	0.01	0.00	-415.00
78	TANGENT	1	END-I	0.000	-328.371	-0.000	-426.65	0.00	-1908.90
			END-J	0.000	-323.011	-0.000	-426.65	0.00	-931.97
78	TANGENT	2	END-I	0.000	-14.250	-0.000	0.01	0.00	-415.00
			END-J	0.000	-14.250	-0.000	0.01	0.00	-372.26
79	TANGENT	1	END-I	0.000	-323.011	-0.000	-426.65	0.00	-931.97
			END-J	0.000	-314.522	-0.000	-426.65	0.00	582.28
79	TANGENT	2	END-I	0.000	-14.250	-0.000	0.01	0.00	-372.26
			END-J	0.000	-14.250	-0.000	0.01	0.00	-304.57
80	TANGENT	1	END-I	0.000	182.618	-0.000	0.00	0.00	1756.07
			END-J	0.000	187.308	-0.000	0.00	0.00	1270.58
80	TANGENT	2	END-I	-0.000	-14.250	-0.000	0.00	0.00	-133.57
			END-J	-0.000	-14.250	-0.000	0.00	0.00	-96.17
81	TANGENT	1	END-I	0.000	187.308	-0.000	0.00	-0.00	1270.58
			END-J	0.000	193.338	-0.000	0.00	-0.00	628.37
81	TANGENT	2	END-I	-0.000	-14.250	-0.000	0.00	0.00	-96.17
			END-J	-0.000	-14.250	-0.000	0.00	-0.00	-48.08

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
82	TANGENT	1	END-I	-0.000	208.532	0.000	0.00	-0.00	661.87
			END-J	-0.000	214.562	0.000	0.00	0.00	-51.95
82	TANGENT	2	END-I	-0.000	-14.250	0.000	0.00	-0.00	-48.08
			END-J	-0.000	-14.250	0.000	0.00	-0.00	-0.00
83	TANGENT	1	END-I	15.194	-0.000	0.000	-0.00	-23.69	23.69
			END-J	14.522	-0.000	0.000	-0.00	-23.69	23.69
83	TANGENT	2	END-I	0.000	-0.000	-0.000	-0.00	-0.00	-0.00
			END-J	0.000	-0.000	-0.000	-0.00	-0.00	-0.00
84	TANGENT	1	END-I	0.000	-13.627	-0.000	0.00	0.00	-51.95
			END-J	0.000	-0.000	-0.000	0.00	-0.00	0.0
84	TANGENT	2	END-I	0.0	0.000	-0.000	0.00	0.00	-0.00
			END-J	0.0	0.000	-0.000	0.00	-0.00	-0.00
85	TANGENT	1	END-I	14.522	-0.000	0.000	-0.00	-23.69	23.69
			END-J	13.146	-0.000	0.000	-0.00	-23.69	23.69
85	TANGENT	2	END-I	0.000	-0.000	0.000	-0.00	-0.00	-0.00
			END-J	0.000	-0.000	0.000	-0.00	-0.00	-0.00
86	TANGENT	1	END-I	-0.070	1493.918	-50.300	-2850.79	6339.39	-35021.31
			END-J	-0.070	1748.530	-50.300	-2850.79	5742.10	-54272.44
86	TANGENT	2	END-I	-570.716	203.539	-2100.442	-8130.42	340625.59	-6325.89
			END-J	-570.716	203.539	-2100.442	-8130.42	315684.02	-8742.81
87	TANGENT	1	END-I	-0.073	-2337.988	-50.300	-2854.02	5742.10	-54272.27
			END-J	-0.073	-1308.776	-50.300	-2854.02	3327.69	33249.76
87	TANGENT	2	END-I	-570.841	-108.561	-2100.408	-8130.94	315684.02	-8742.33
			END-J	-570.841	-108.561	-2100.408	-8130.94	214864.82	-3531.41
88	TANGENT	1	END-I	-0.073	-1308.776	-50.300	-2854.02	3327.69	33249.76
			END-J	-0.073	-401.738	-50.300	-2854.02	1199.89	69428.80
88	TANGENT	2	END-I	-570.841	-108.561	-2100.408	-8130.94	214864.82	-3531.41
			END-J	-570.841	-108.561	-2100.408	-8130.94	126013.46	1060.94
89	BEND	1	END-I	-0.073	-50.300	401.738	-2854.02	69428.80	-1199.89
			CENTER	-19.317	-46.443	224.906	24480.90	67744.47	-795.76
			END-J	-35.620	-35.515	48.074	48807.66	54306.26	-453.39
89	BEND	2	END-I	-570.841	-2100.408	108.561	-8130.94	1060.94	-126013.46
			CENTER	-1331.204	-1722.054	108.561	-6932.40	4964.32	-110045.84
			END-J	-1888.888	-1081.514	108.561	-4331.29	8111.87	-98334.46
90	TANGENT	1	END-I	-35.619	-48.074	-35.516	48806.15	453.39	54307.63
			END-J	-35.619	81.693	-35.516	48806.15	238.45	54205.90

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
90	TANGENT	2	END-I	-1888.858	-108.561	-1081.567	-4331.52	98334.46	8111.75
			END-J	-1888.858	-108.561	-1081.567	-4331.52	91788.82	8768.77
91	TANGENT	1	END-I	-35.619	6605.757	-35.516	58805.58	-1253.24	-96229.97
			END-J	-35.619	6927.387	-35.516	58805.58	-1785.98	-197728.54
91	TANGENT	2	END-I	-1888.858	-108.561	-1081.567	-4331.52	46363.01	13328.33
			END-J	-1888.858	-108.561	-1081.567	-4331.52	30139.50	14956.75
92	TANGENT	1	END-I	-35.619	-7822.773	-35.516	58805.58	-1785.98	-197728.54
			END-J	-35.619	-7458.259	-35.516	58805.58	-2389.75	-67839.76
92	TANGENT	2	END-I	-1888.858	-622.534	-1081.567	-4331.52	30139.50	14956.75
			END-J	-1888.858	-622.534	-1081.567	-4331.52	11752.86	25539.83
93	TANGENT	1	END-I	-85.033	-1280.945	-60.122	-1011.18	952.08	-10711.49
			END-J	-85.033	-1261.633	-60.122	-1011.18	592.07	-3099.05
93	TANGENT	2	END-I	119.641	-291.937	-251.824	-6079.77	16553.74	-963.66
			END-J	119.641	-291.937	-251.824	-6079.77	15045.83	784.45
94	BEND	1	END-I	-85.273	-1261.633	-59.781	-1023.58	592.07	-3094.98
			CENTER	-936.059	-815.968	-59.781	-462.93	762.01	4638.55
			END-J	-1216.106	84.575	-59.781	53.76	485.89	7343.60
94	BEND	2	END-I	118.631	-291.937	-252.301	-6076.57	15045.83	808.80
			CENTER	-122.463	-290.351	-252.301	5673.32	13332.44	2978.65
			END-J	-291.869	-118.799	-252.301	12772.93	3814.50	4503.31
95	TANGENT	1	END-I	-1216.058	-103.439	12.070	54.04	3062.73	-6692.10
			END-J	-881.258	-103.439	12.070	54.04	4366.27	4479.31
95	TANGENT	2	END-I	-291.937	-15.536	278.367	12775.12	-1209.39	-5771.63
			END-J	-291.937	-15.536	278.367	12775.12	28854.21	-4093.77
96	TANGENT	1	END-I	-33.313	-156.628	98.669	-4164.32	843.37	-3867.21
			END-J	-33.313	-122.503	98.669	-4164.32	2126.08	-2052.85
96	TANGENT	2	END-I	-275.513	-291.937	-42.682	10302.39	12433.76	-26965.60
			END-J	-275.513	-291.937	-42.682	10302.39	11878.89	-23170.38
97	TANGENT	1	END-I	-33.312	-122.503	-49.032	-4164.33	2126.08	-2052.83
			END-J	-33.312	-26.361	-49.032	-4164.33	330.26	673.27
97	TANGENT	2	END-I	-275.512	-291.937	-355.882	10302.26	11878.89	-23170.44
			END-J	-275.512	-291.937	-355.882	10302.26	-1155.43	-12478.12
98	TANGENT	1	END-I	15.339	0.0	0.000	0.0	-0.00	0.00
			END-J	14.773	0.0	0.000	0.0	-0.00	0.00
98	TANGENT	2	END-I	0.0	-0.000	-0.000	0.0	0.00	-0.00
			END-J	0.0	-0.000	-0.000	0.0	0.00	-0.00

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
99	TANGENT	1	END-I	14.773	-0.000	0.000	0.0	-0.00	0.00
			END-J	14.313	-0.000	0.000	0.0	-0.00	0.00
99	TANGENT	2	END-I	0.0	-0.000	-0.000	0.0	0.00	-0.00
			END-J	0.0	-0.000	-0.000	0.0	-0.00	-0.00
100	TANGENT	1	END-I	14.313	0.000	0.000	0.0	0.00	0.00
			END-J	14.154	0.000	0.000	0.0	0.00	-0.00
100	TANGENT	2	END-I	0.0	-0.000	-0.000	0.0	-0.00	0.00
			END-J	0.0	-0.000	-0.000	0.0	-0.00	0.00
101	TANGENT	1	END-I	1.154	0.000	0.000	0.0	0.00	-0.00
			END-J	0.0	0.000	0.000	0.0	0.00	-0.00
101	TANGENT	2	END-I	0.0	-0.000	0.000	0.0	-0.00	0.00
			END-J	0.0	-0.000	0.000	0.0	0.00	0.00
102	TANGENT	1	END-I	-33.316	-11.022	-49.029	-4164.27	330.26	673.63
			END-J	-33.316	4.728	-49.029	-4164.27	36.08	692.51
102	TANGENT	2	END-I	-275.542	-291.937	-355.859	10301.20	-1155.43	-12478.99
			END-J	-275.542	-291.937	-355.859	10301.20	-3290.58	-10727.36
103	TANGENT	1	END-I	-33.306	4.728	-49.036	-4164.41	36.08	691.69
			END-J	-33.306	20.476	-49.036	-4164.41	-258.09	616.08
103	TANGENT	2	END-I	-275.472	-291.937	-355.913	10303.32	-3290.58	-10725.33
			END-J	-275.472	-291.937	-355.913	10303.32	-5425.79	-8973.92
104	BEND	1	END-I	-33.313	-20.476	49.031	-4164.33	258.09	-616.63
			CENTER	-51.154	-4.044	49.031	-2632.95	3439.10	-518.33
			END-J	-57.586	33.310	49.031	699.19	4605.62	-610.79
104	BEND	2	END-I	-275.519	291.937	355.877	10302.14	5425.79	8975.28
			CENTER	11.602	401.252	355.877	12059.46	-1183.13	6391.20
			END-J	291.926	275.530	355.877	8628.97	-7099.03	3868.28
105	TANGENT	1	END-I	-57.585	41.035	-42.778	699.38	-1554.93	-4377.98
			END-J	-65.460	41.035	-42.778	699.38	-1683.27	-4501.09
105	TANGENT	2	END-I	291.937	290.822	-343.484	8628.68	5259.70	6140.05
			END-J	291.937	290.822	-343.484	8628.68	4229.25	5267.59
106	TANGENT	1	END-I	-65.460	5.036	-42.778	699.38	-1683.27	-4501.09
			END-J	-75.960	5.036	-42.778	699.38	-1854.38	-4521.23
106	TANGENT	2	END-I	291.937	-48.507	-343.484	8628.68	4229.25	5267.59
			END-J	291.937	-48.507	-343.484	8628.68	2855.31	5461.62
107	BEND	1	END-I	-75.960	-5.036	42.778	699.38	1854.38	4521.23
			CENTER	-70.393	63.271	42.778	1918.54	1088.95	4320.78
			END-J	-5.036	113.070	42.778	2239.38	-314.37	3670.29

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
107	BEND	2	END-I	291.937	48.507	343.484	8628.68	-2855.31	-5461.62
			CENTER	240.730	-172.131	343.484	4987.83	-5934.49	-5000.75
			END-J	48.507	-291.937	343.484	236.05	-5537.32	-3270.74
108	TANGENT	1	END-I	-5.036	113.070	42.778	2239.38	-314.37	3670.29
			END-J	-5.036	156.217	42.778	2239.38	388.78	1457.15
108	TANGENT	2	END-I	48.507	-291.937	343.484	236.05	-5537.32	-3270.74
			END-J	48.507	-291.937	343.484	236.05	108.53	1527.83
109	BEND	1	END-I	-5.036	-42.778	156.217	2239.38	-1457.15	388.78
			CENTER	-33.810	-26.688	174.772	981.56	-1557.41	647.74
			END-J	-42.778	5.036	193.327	70.17	-620.80	728.45
109	BEND	2	END-I	48.507	-343.484	-291.937	236.05	-1527.83	108.53
			CENTER	-208.581	-277.180	-291.937	-1682.99	-3105.13	2422.32
			END-J	-343.484	-48.507	-291.937	-4155.27	-2863.49	3636.45
110	TANGENT	1	END-I	-42.778	193.327	-5.036	70.17	728.45	620.80
			END-J	-42.778	332.284	-5.036	70.17	461.85	-13291.09
110	TANGENT	2	END-I	-343.484	-291.937	48.507	-4155.27	3636.45	2863.49
			END-J	-343.484	-291.937	48.507	-4155.27	6204.20	18317.49
111	TANGENT	1	END-I	-42.778	-328.388	-5.036	70.17	461.85	-13291.09
			END-J	-42.778	-138.732	-5.036	70.17	97.99	3583.65
111	TANGENT	2	END-I	-343.484	99.066	48.507	-4155.27	6204.20	18317.49
			END-J	-343.484	99.066	48.507	-4155.27	9708.82	11159.96
112	TANGENT	1	END-I	-42.778	-138.732	-10.665	70.17	97.99	3583.65
			END-J	-42.778	46.081	-10.665	70.17	-652.90	6845.20
112	TANGENT	2	END-I	-343.484	99.066	-128.244	-4155.27	9708.82	11159.96
			END-J	-343.484	99.066	-128.244	-4155.27	679.83	4185.21
113	BEND	1	END-I	-42.778	-10.665	-46.081	70.17	6845.20	652.90
			CENTER	-43.885	-4.225	-49.586	1076.47	6696.02	662.85
			END-J	-44.027	2.307	-53.090	2049.32	6395.07	664.14
113	BEND	2	END-I	-343.484	-128.244	-99.066	-4155.27	4185.21	-679.83
			CENTER	-358.667	-76.067	-99.066	-3500.84	4621.62	-543.19
			END-J	-365.970	-22.219	-99.066	-2789.09	4956.51	-477.46
114	TANGENT	1	END-I	-44.027	53.090	2.308	2049.41	-664.14	6395.04
			END-J	-44.027	332.377	2.308	2049.41	-418.57	-14110.86
114	TANGENT	2	END-I	-365.971	99.066	-22.214	-2789.02	477.46	4956.55
			END-J	-365.971	99.066	-22.214	-2789.02	-1886.03	-5583.59
115	TANGENT	1	END-I	-44.027	-306.813	2.308	2049.48	-418.57	-14110.85
			END-J	-44.027	24.822	2.308	2049.48	-127.00	3702.09

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
115	TANGENT	2	END-I	-365.970	-29.643	-22.216	-2789.00	-1886.03	-5583.60
			END-J	-365.970	-29.643	-22.216	-2789.00	-4692.74	-1838.56
116	TANGENT	1	END-I	-44.027	24.822	2.310	2049.68	-127.00	3701.98
			END-J	-44.027	51.196	2.310	2049.68	-103.79	3320.10
116	TANGENT	2	END-I	-365.972	-29.643	-22.196	-2789.10	-4692.74	-1838.41
			END-J	-365.972	-29.643	-22.196	-2789.10	-4915.75	-1540.58
117	TANGENT	1	END-I	31.342	51.196	2.310	2049.54	-103.79	3320.18
			END-J	31.342	307.132	2.310	2049.54	121.42	-14148.26
117	TANGENT	2	END-I	-379.906	-29.643	-22.211	-2789.03	-4915.75	-1540.69
			END-J	-379.906	-29.643	-22.211	-2789.03	-7081.36	1349.51
118	TANGENT	1	END-I	31.342	307.132	2.308	2048.83	121.42	-14148.36
			END-J	31.342	350.651	2.308	2048.83	137.58	-16450.60
118	TANGENT	2	END-I	-379.907	-29.643	-22.192	-2788.96	-7081.36	1349.65
			END-J	-379.907	-29.643	-22.192	-2788.96	-7236.71	1557.15
119	TANGENT	1	END-I	31.342	350.651	2.311	2050.34	137.58	-16450.41
			END-J	31.342	403.498	2.311	2050.34	157.22	-19655.68
119	TANGENT	2	END-I	-379.905	-29.643	-22.227	-2789.11	-7236.71	1556.89
			END-J	-379.905	-29.643	-22.227	-2789.11	-7425.65	1808.87
120	TANGENT	1	END-I	1110.558	-10.614	-38.105	192.80	2322.10	-1746.73
			END-J	1130.245	-10.614	-38.105	192.80	2036.31	-1667.13
120	TANGENT	2	END-I	-160.538	-99.457	-82.796	12310.77	12071.36	-981.06
			END-J	-160.538	-99.457	-82.796	12310.77	11450.39	-235.14
121	TANGENT	1	END-I	-8.202	-707.060	3.300	1058.76	-35.58	-16924.38
			END-J	-8.202	-654.213	3.300	1058.76	-7.52	-11138.73
121	TANGENT	2	END-I	-488.159	130.895	-93.135	-198.36	-19736.41	13639.68
			END-J	-488.159	130.895	-93.135	-198.36	-20528.09	12527.04
122	TANGENT	1	END-I	-8.202	-654.213	3.301	1058.49	-7.52	-11138.76
			END-J	-8.202	-570.941	3.301	1058.49	36.69	-2933.76
122	TANGENT	2	END-I	-488.161	130.895	-93.123	-198.05	-20528.09	12527.04
			END-J	-488.161	130.895	-93.123	-198.05	-21775.40	10773.81
123	BEND	1	END-I	-8.202	3.301	570.941	1058.45	-2933.77	-36.69
			CENTER	-6.998	5.403	545.304	539.06	-838.59	-54.75
			END-J	-5.268	7.100	519.667	593.50	1214.51	-80.69
123	BEND	2	END-I	-488.162	-93.118	-130.895	-197.94	10773.81	21775.40
			CENTER	-495.109	42.899	-130.895	2660.49	9889.96	21879.60
			END-J	-464.871	175.693	-130.895	5171.65	8263.34	21426.03

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
124	TANGENT	1	END-I	-5.268	-519.667	7.100	593.44	80.69	1214.54
			END-J	-5.268	-20.576	7.100	593.44	650.64	22899.43
124	TANGENT	2	END-I	-464.881	130.895	175.667	5171.18	-21426.03	8263.62
			END-J	-464.881	130.895	175.667	5171.18	-7323.75	-2244.38
125	TANGENT	1	END-I	-5.269	-20.576	7.100	593.03	650.64	22899.44
			END-J	-5.269	45.691	7.100	593.03	726.31	22765.59
125	TANGENT	2	END-I	-464.884	130.895	175.659	5171.22	-7323.75	-2244.29
			END-J	-464.884	130.895	175.659	5171.22	-5451.40	-3639.50
126	TANGENT	1	END-I	-5.268	45.691	7.100	594.62	726.31	22765.55
			END-J	-5.268	107.854	7.100	594.62	797.30	21997.92
126	TANGENT	2	END-I	-464.872	130.895	175.691	5170.97	-5451.40	-3639.86
			END-J	-464.872	130.895	175.691	5170.97	-3694.70	-4948.65
127	TANGENT	1	END-I	-5.267	107.854	7.101	597.16	797.30	21997.85
			END-J	-5.267	526.156	7.101	597.16	1275.05	668.61
127	TANGENT	2	END-I	-464.851	130.895	175.745	5170.40	-3694.70	-4949.25
			END-J	-464.851	130.895	175.745	5170.40	8130.08	-13756.32
128	BEND	1	END-I	-5.268	7.100	-526.156	597.05	668.71	-1275.05
			CENTER	1.295	8.746	-599.397	-1526.01	-5939.65	-1373.50
			END-J	7.099	5.269	-672.638	-8021.78	-9888.15	-1460.57
128	BEND	2	END-I	-464.881	175.667	-130.895	5172.72	-13755.44	-8130.08
			CENTER	-204.512	452.933	-130.895	-6643.76	-14772.65	-12035.61
			END-J	175.653	464.886	-130.895	-15718.65	-7136.55	-17738.08
129	TANGENT	1	END-I	7.069	672.638	5.309	-7965.52	1460.57	-9933.53
			END-J	7.069	691.143	5.309	-7965.52	1476.37	-11963.20
129	TANGENT	2	END-I	173.011	130.895	465.876	-15677.88	17738.08	-7225.66
			END-J	173.011	130.895	465.876	-15677.88	19124.78	-7615.28
130	BEND	1	END-I	7.100	627.908	-5.268	-8044.41	-1492.19	9989.48
			CENTER	397.223	387.195	-5.268	-6766.61	4577.14	3727.93
			END-J	481.426	-7.085	-5.268	-1571.46	7965.33	1475.79
130	BEND	2	END-I	175.667	-170.924	-464.881	-15718.21	-20528.23	8042.78
			CENTER	3.357	-245.077	-464.881	-27672.38	-8332.32	10627.43
			END-J	-170.919	-175.672	-464.881	-27501.70	8744.37	13241.57
131	TANGENT	1	END-I	481.426	-0.758	-8.808	-1571.22	4172.72	6943.61
			END-J	456.558	-0.758	-8.808	-1571.22	4137.48	6946.64
131	TANGENT	2	END-I	-170.924	231.775	-439.606	-27501.44	-4122.61	15323.90
			END-J	-170.924	231.775	-439.606	-27501.44	-5881.03	14396.80

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
132	TANGENT	1	END-I	1127.804	74.302	-39.446	33.57	2331.04	-1236.18
			END-J	1150.117	75.830	-39.446	33.57	1994.97	-1875.74
132	TANGENT	2	END-I	-154.605	-92.103	-100.666	11511.44	12089.80	2011.24
			END-J	-154.605	-92.103	-100.666	11511.44	11232.14	2795.95
133	BEND	1	END-I	1152.610	-39.544	-0.989	169.83	-1668.76	-2164.67
			CENTER	800.177	-856.100	-0.989	-1062.51	-1306.37	1157.57
			END-J	-39.544	-1189.720	-0.989	-1677.66	-178.73	8777.33
133	BEND	2	END-I	-160.538	-108.253	70.909	12252.15	3818.15	-10089.50
			CENTER	-190.064	36.971	70.909	11550.34	-5512.48	-9823.77
			END-J	-108.253	160.538	70.909	4456.33	-11613.97	-10560.06
134	TANGENT	1	END-I	-39.544	1189.720	0.991	-1678.08	178.73	-8777.25
			END-J	-39.544	1203.412	0.991	-1678.08	183.90	-15018.44
134	TANGENT	2	END-I	-108.257	-160.538	-70.904	4456.84	11613.97	10559.85
			END-J	-108.257	-160.538	-70.904	4456.84	11244.15	11397.20
135	TANGENT	1	END-I	-39.544	-330.248	0.990	-1678.02	183.90	-15018.45
			END-J	-39.544	-55.027	0.990	-1678.02	287.74	5178.88
135	TANGENT	2	END-I	-108.256	116.931	-70.904	4456.79	11244.15	11397.22
			END-J	-108.256	116.931	-70.904	4456.79	3810.12	-862.51
136	TANGENT	1	END-I	-39.544	-55.027	0.992	-1677.86	287.74	5178.94
			END-J	-39.544	45.870	0.992	-1677.86	325.86	5354.92
136	TANGENT	2	END-I	-108.259	116.931	-70.901	4456.77	3810.12	-862.66
			END-J	-108.259	116.931	-70.901	4456.77	1084.92	-5357.10
137	TANGENT	1	END-I	11.203	3.116	-9.078	2.38	54.30	22.26
			END-J	9.600	3.116	-9.078	2.38	-30.80	-6.96
137	TANGENT	2	END-I	-0.079	-3.028	6.723	-8.71	-52.87	-31.66
			END-J	-0.079	-3.028	6.723	-8.71	10.16	-3.28
138	TANGENT	1	END-I	9.592	-9.600	0.326	-2.36	-2.38	-31.49
			END-J	9.592	-8.445	0.326	-2.36	-0.18	29.41
138	TANGENT	2	END-I	-7.314	0.079	-0.929	6.11	8.71	8.76
			END-J	-7.314	0.079	-0.929	6.11	2.44	8.22
139	TANGENT	1	END-I	9.592	4.555	0.326	-2.36	-0.18	29.41
			END-J	9.592	5.880	0.326	-2.36	2.35	-11.02
139	TANGENT	2	END-I	-7.314	0.079	-0.930	6.11	2.44	8.22
			END-J	-7.314	0.079	-0.930	6.11	-4.77	7.61
140	BEND	1	END-I	9.592	5.880	0.327	-2.36	2.35	-11.02
			CENTER	11.321	-2.245	0.327	0.38	4.25	-17.14
			END-J	6.955	-9.592	0.327	3.66	3.67	2.26

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
140	BEND	2	END-I	-7.314	0.079	-0.930	6.10	-4.77	7.61
			CENTER	-5.116	5.227	-0.930	-0.15	-10.32	-1.18
			END-J	0.078	7.314	-0.930	-8.49	-9.83	-21.95
141	TANGENT	1	END-I	6.954	3.116	9.078	3.66	1.09	-4.17
			END-J	7.307	3.116	9.078	3.66	19.82	-10.59
141	TANGENT	2	END-I	0.079	-3.028	-6.723	-8.49	-18.12	15.81
			END-J	0.079	-3.028	-6.723	-8.49	-31.99	22.06
142	TANGENT	1	END-I	7.307	3.116	9.078	3.66	19.82	-10.59
			END-J	7.874	3.116	9.078	3.66	49.88	-20.92
142	TANGENT	2	END-I	0.079	-3.028	-6.723	-8.49	-31.99	22.06
			END-J	0.079	-3.028	-6.723	-8.49	-54.26	32.09
143	TANGENT	1	END-I	-39.544	113.510	0.989	-1678.20	344.18	3845.09
			END-J	-39.544	160.760	0.989	-1678.20	361.98	1376.62
143	TANGENT	2	END-I	-108.253	116.931	-70.909	4457.27	-226.83	-7520.02
			END-J	-108.253	116.931	-70.909	4457.27	-1503.21	-9624.80
144	TANGENT	1	END-I	-39.551	160.760	-110.894	-1678.01	361.98	1376.85
			END-J	-39.551	184.384	-110.894	-1678.01	-636.00	-176.21
144	TANGENT	2	END-I	-108.292	116.931	-509.465	4455.94	-1503.21	-9625.42
			END-J	-108.292	116.931	-509.465	4455.94	-6088.13	-10677.73
145	BEND	1	END-I	-39.535	-110.899	-184.384	-1677.99	-176.44	636.00
			CENTER	-106.374	-50.461	-202.939	-1813.97	-173.94	1237.55
			END-J	-110.898	39.537	-221.494	-1957.27	-194.09	1278.27
145	BEND	2	END-I	-108.221	-509.480	-116.931	4457.42	-10677.11	6088.13
			CENTER	-436.783	-283.730	-116.931	-4706.31	-11445.84	9045.19
			END-J	-509.479	108.229	-116.931	-11729.58	-5509.62	9699.45
146	TANGENT	1	END-I	-110.897	221.494	39.541	-1957.28	-1278.27	-194.03
			END-J	-110.897	266.942	39.541	-1957.28	-593.68	-4422.32
146	TANGENT	2	END-I	-509.475	116.931	108.244	-11729.74	-9699.45	-5509.27
			END-J	-509.475	116.931	108.244	-11729.74	-7825.36	-7533.75
147	TANGENT	1	END-I	-1017.575	-117.612	5.390	-118.08	1055.40	-9198.89
			END-J	-1351.213	-117.612	5.390	-118.08	1635.45	3459.11
147	TANGENT	2	END-I	-116.931	-518.861	-45.442	5876.78	-8717.23	-9014.71
			END-J	-116.931	-518.861	-45.442	5876.78	-13607.93	46827.73
148	TANGENT	1	END-I	-1562.950	49.502	-61.833	2044.27	-7639.89	-11179.88
			END-J	-1478.827	49.502	-61.833	2044.27	-8374.15	-11767.71

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
148	TANGENT	2	END-I	-1198.026	2750.733	-3364.178	109599.54	13720.54	33396.91
			END-J	-1198.026	2750.733	-3364.178	109599.54	-26229.07	731.96
149	BEND	1	END-I	-1478.827	-69.060	38.787	2044.27	3356.28	14047.80
			CENTER	-1035.509	937.844	38.787	3989.18	1339.14	8525.08
			END-J	-69.060	1311.915	38.787	3938.09	-1462.46	-5504.81
149	BEND	2	END-I	-1198.026	-3810.653	2088.815	109599.54	24593.48	9146.63
			CENTER	-3541.671	-1847.407	2088.815	104065.79	-37953.13	44301.30
			END-J	-3810.653	1198.026	2088.815	55925.71	-78267.30	48336.04
150	TANGENT	1	END-I	-69.094	-1311.915	-38.727	3942.94	1462.46	5501.34
			END-J	-69.094	-1178.186	-38.727	3942.94	749.02	28438.22
150	TANGENT	2	END-I	-3812.491	-1198.026	-2085.460	55883.13	78267.30	-48385.26
			END-J	-3812.491	-1198.026	-2085.460	55883.13	39848.03	-26314.68
151	TANGENT	1	END-I	-69.060	791.727	-38.787	2397.75	50.78	31919.45
			END-J	-69.060	1044.287	-38.787	2397.75	-1524.39	-5373.74
151	TANGENT	2	END-I	-3810.676	-1198.026	-2088.774	55907.30	2245.34	-4701.26
			END-J	-3810.676	-1198.026	-2088.774	55907.30	-82609.15	43967.43
152	TANGENT	1	END-I	-69.062	-400.657	-38.783	2397.51	-1524.89	-5373.84
			END-J	-69.062	-351.654	-38.783	2397.51	-1830.58	-2408.96
152	TANGENT	2	END-I	-3810.771	-1589.303	-2088.600	55909.29	-82609.15	43964.89
			END-J	-3810.771	-1589.303	-2088.600	55909.29	-99071.65	56491.89
153	BEND	1	END-I	-69.059	-38.788	351.654	2397.65	-2408.82	1830.58
			CENTER	-78.943	6.461	296.315	1494.68	-627.25	1978.83
			END-J	-61.833	49.501	240.977	1600.41	890.49	1722.19
153	BEND	2	END-I	-3810.646	-2088.828	1589.303	55905.91	56495.24	99071.65
			CENTER	-4327.226	399.178	1589.303	82015.56	28905.27	106820.35
			END-J	-3364.210	2750.694	1589.303	88233.25	-8568.18	92375.11
154	TANGENT	1	END-I	-61.833	-240.977	49.502	1600.42	-1722.19	890.47
			END-J	-61.833	224.950	49.502	1600.42	1987.66	1491.00
154	TANGENT	2	END-I	-3364.178	-1589.303	2750.733	88233.15	-92375.11	-8569.21
			END-J	-3364.178	-1589.303	2750.733	88233.15	113775.84	110539.51
155	BEND	1	END-I	-61.833	224.950	49.502	1600.42	1987.66	1491.00
			CENTER	167.132	254.576	49.502	2754.63	798.87	-1533.76
			END-J	371.435	61.833	49.502	2730.18	-857.89	-3609.18
155	BEND	2	END-I	-3364.178	-1589.303	2750.733	88233.15	113775.84	110539.51
			CENTER	-3502.640	1255.026	2750.733	154926.99	47237.33	112616.44
			END-J	-1589.303	3364.178	2750.733	155036.83	-46972.16	83916.38

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
156	TANGENT	1	END-I	371.435	49.502	-61.833	2730.18	-3609.18	857.89
			END-J	557.945	49.502	-61.833	2730.18	-5464.16	-627.16
156	TANGENT	2	END-I	-1589.303	2750.733	-3364.178	155036.83	83916.38	46972.16
			END-J	-1589.303	2750.733	-3364.178	155036.83	-17008.97	-35549.84
157	BEND	1	END-I	557.945	-73.786	28.797	2730.18	4418.48	3275.27
			CENTER	394.142	-498.492	28.797	5181.39	1499.24	6721.43
			END-J	-73.786	-704.430	28.797	4850.43	-2298.23	14150.06
157	BEND	2	END-I	-1589.303	-4064.314	1538.046	155036.83	-3045.22	39291.51
			CENTER	-3997.711	-1750.097	1538.046	114231.55	-95467.45	75417.62
			END-J	-4064.314	1589.303	1538.046	20025.47	-131966.15	76416.67
158	TANGENT	1	END-I	-73.786	704.430	-28.797	4850.43	2298.23	-14150.06
			END-J	-73.786	723.080	-28.797	4850.43	2211.84	-16291.28
158	TANGENT	2	END-I	-4064.314	-1589.303	-1538.046	20025.47	131966.15	-76416.67
			END-J	-4064.314	-1589.303	-1538.046	20025.47	127352.11	-71648.87
159	TANGENT	1	END-I	-73.788	-629.454	-28.793	4849.55	2211.84	-16291.54
			END-J	-73.788	386.783	-28.793	4849.55	-2494.66	3542.10
159	TANGENT	2	END-I	-4064.397	-375.846	-1537.826	20021.59	127352.11	-71649.95
			END-J	-4064.397	-375.846	-1537.826	20021.59	-124022.59	-10213.68
160	BEND	1	END-I	-73.787	28.794	386.783	4849.50	-3542.17	-2494.66
			CENTER	-63.820	46.912	411.200	3969.26	-3127.30	-2644.18
			END-J	-49.502	61.832	435.616	3238.89	-2403.92	-2858.95
160	BEND	2	END-I	-4064.375	1537.884	-375.846	20021.74	10213.40	-124022.59
			CENTER	-3527.788	2537.506	-375.846	21790.92	3223.56	-132071.38
			END-J	-2750.744	3364.170	-375.846	21690.53	-3986.00	-143727.05
161	TANGENT	1	END-I	-49.502	435.616	-61.833	3238.88	-2858.95	2403.93
			END-J	-49.502	625.116	-61.833	3238.88	-4743.66	-13762.16
161	TANGENT	2	END-I	-2750.733	-375.846	-3364.178	21690.52	-143727.05	3986.07
			END-J	-2750.733	-375.846	-3364.178	21690.52	-246270.57	15442.25
162	TANGENT	1	END-I	-49.502	625.116	-61.833	3238.88	-4743.66	-13762.16
			END-J	-49.502	684.178	-61.833	3238.88	-5331.07	-19981.31
162	TANGENT	2	END-I	-2750.733	-375.846	-3364.178	21690.52	-246270.57	15442.25
			END-J	-2750.733	-375.846	-3364.178	21690.52	-278230.26	19012.79
163	TANGENT	1	END-I	210.454	2686.016	69.514	9465.68	-4342.34	-27158.34
			END-J	210.454	2768.176	69.514	9465.68	-3647.20	-54429.30
163	TANGENT	2	END-I	2506.308	-457.628	1944.007	-25218.50	-150832.05	-70832.02
			END-J	2506.308	-457.628	1944.007	-25218.50	-131391.98	-66255.74

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
164	TANGENT	1	END-I	148.621	-2001.839	119.016	-10515.63	-988.73	-30397.21
			END-J	148.621	-1919.679	119.016	-10515.63	201.43	-10789.63
164	TANGENT	2	END-I	-857.870	81.781	4694.740	-6205.72	-127398.21	-92522.53
			END-J	-857.870	81.781	4694.740	-6205.72	-80450.81	-93340.35
165	BEND	1	END-I	148.621	1919.679	-119.016	-10515.63	-201.43	10789.63
			CENTER	849.715	1663.021	-119.016	-9955.33	3018.26	-2032.69
			END-J	1380.380	1170.192	-119.016	-8205.55	5778.44	-12161.72
165	BEND	2	END-I	-857.870	-81.781	-4694.740	-6205.72	80450.81	93340.35
			CENTER	-823.865	252.738	-4694.740	18621.33	44362.76	92728.25
			END-J	-664.433	548.779	-4694.740	27748.18	1520.85	89858.47
166	BEND	1	END-I	1380.377	1170.195	-119.016	-8205.57	5778.42	-12161.72
			CENTER	1669.463	530.645	-119.016	-5532.71	7658.89	-18228.86
			END-J	1687.376	-148.625	-119.016	-2343.69	8373.35	-19570.00
165	BEND	2	END-I	-664.434	548.778	-4694.740	27748.17	1520.92	89858.47
			CENTER	-403.848	761.273	-4694.740	19785.36	-41552.54	85167.92
			END-J	-81.779	857.871	-4694.740	-4054.86	-78299.96	79370.68
167	TANGENT	1	END-I	1687.376	119.016	-148.621	-2343.71	19570.00	8373.34
			END-J	1638.080	119.016	-148.621	-2343.71	18678.27	7659.25
167	TANGENT	2	END-I	-81.781	4694.740	857.870	-4054.66	-79370.68	-78299.97
			END-J	-81.781	4694.740	857.870	-4054.66	-74223.46	-106468.42
168	TANGENT	1	END-I	1638.080	40.914	-148.621	-2343.71	18678.27	7659.25
			END-J	980.800	40.914	-148.621	-2343.71	6788.58	4386.17
168	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	-74223.46	-106468.42
			END-J	-81.781	-888.270	857.870	-4054.66	-5593.82	-35406.83
169	TANGENT	1	END-I	604.468	40.914	-148.621	-2343.71	8148.90	4148.71
			END-J	473.012	40.914	-148.621	-2343.71	5770.96	3494.10
169	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	-2162.34	-31853.75
			END-J	-81.781	-888.270	857.870	-4054.66	11563.59	-17641.43
170	TANGENT	1	END-I	96.680	40.914	-148.621	-2343.71	7131.28	3256.64
			END-J	63.816	40.914	-148.621	-2343.71	6536.79	3092.99
170	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	14995.07	-14088.35
			END-J	-81.781	-888.270	857.870	-4054.66	18426.55	-10535.28
171	BEND	1	END-I	63.816	153.801	-10.368	-2343.71	-765.15	7191.02
			CENTER	71.747	145.760	-10.368	-2252.96	984.24	5165.95
			END-J	153.801	168.486	-10.368	-951.79	2157.08	2909.31
171	BEND	2	END-I	-81.781	-1102.744	-555.807	-4054.66	16020.88	13923.41
			CENTER	-837.586	-721.929	-555.807	5531.14	7121.29	27527.88
			END-J	-1102.744	81.781	-555.807	6016.36	-5949.86	32300.73

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
172	TANGENT	1	END-I	153.800	168.486	-10.373	-951.70	2157.08	2909.34
			END-J	153.800	445.776	-10.373	-951.70	1807.00	-7456.33
172	TANGENT	2	END-I	-1102.759	81.781	-555.776	6017.27	-5949.86	32300.56
			END-J	-1102.759	81.781	-555.776	6017.27	-24707.28	29540.43
173	TANGENT	1	END-I	153.800	445.776	-10.374	-951.75	1807.00	-7456.32
			END-J	153.800	973.657	-10.374	-951.75	1140.49	-53055.88
173	TANGENT	2	END-I	-1102.763	81.781	-555.769	6017.44	-24707.28	29540.40
			END-J	-1102.763	81.781	-555.769	6017.44	-60415.68	24285.91
174	TANGENT	1	END-I	210.454	2768.176	69.514	9465.68	-3647.20	-54429.30
			END-J	210.454	2882.691	69.514	9465.68	-2678.32	-93810.20
174	TANGENT	2	END-I	2506.308	-457.628	1944.007	-25218.50	-131391.98	-66255.74
			END-J	2506.308	-457.628	1944.007	-25218.50	-104296.41	-59877.32
175	TANGENT	1	END-I	210.454	-2497.233	69.514	9465.68	-2678.32	-93810.20
			END-J	210.454	-2430.996	69.514	9465.68	-2117.90	-73944.51
175	TANGENT	2	END-I	2506.308	-1482.607	1944.007	-25218.50	-104296.41	-59877.32
			END-J	2506.308	-1482.607	1944.007	-25218.50	-88623.82	-47924.54
176	TANGENT	1	END-I	207.427	-2020.104	80.140	8374.72	-2201.62	-73733.32
			END-J	207.427	-1807.515	80.140	8374.72	-127.99	-24213.51
176	TANGENT	2	END-I	2243.589	-2709.943	1881.658	-18699.15	-88447.59	-68668.51
			END-J	2243.589	-2709.943	1881.658	-18699.15	-39759.69	1451.27
177	BEND	1	END-I	207.427	-1807.515	80.140	8374.72	-127.99	-24213.51
			CENTER	-1049.302	-1342.648	80.140	6253.83	-4992.31	-812.72
			END-J	-1575.213	-207.427	80.140	1314.54	-6932.20	10535.99
177	BEND	2	END-I	2243.589	-2709.943	1881.658	-18699.15	-39759.69	1451.27
			CENTER	-329.762	-3502.677	1881.658	-31416.40	9057.54	47771.60
			END-J	-2709.943	-2243.589	1881.658	-5889.85	52568.99	90614.86
178	TANGENT	1	END-I	-1575.213	-80.140	-207.427	1314.54	-10535.99	-6932.20
			END-J	-1550.565	-80.140	-207.427	1314.54	-11158.27	-6691.78
178	TANGENT	2	END-I	-2709.943	-1881.658	-2243.589	-5889.85	-90614.86	52568.99
			END-J	-2709.943	-1881.658	-2243.589	-5889.85	-97345.63	58213.97
179	TANGENT	1	END-I	-1550.565	-56.106	46.902	1314.54	-11158.27	-6691.78
			END-J	523.975	-56.106	46.902	1314.54	684.51	7474.91
179	TANGENT	2	END-I	-2709.943	302.725	427.592	-5889.85	-97345.63	58213.97
			END-J	-2709.943	302.725	427.592	-5889.85	10621.28	-18224.00
180	TANGENT	1	END-I	900.307	-56.106	46.902	1314.54	782.12	5744.53
			END-J	937.279	-56.106	46.902	1314.54	993.18	5997.01

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
180	TANGENT	2	END-I	-2709.943	302.725	427.592	-5889.85	12331.64	-19434.90
			END-J	-2709.943	302.725	427.592	-5889.85	14255.81	-20797.16
181	BEND	1	END-I	937.279	56.106	-46.902	1314.54	-993.18	-5997.01
			CENTER	784.560	-705.215	-46.902	-20.04	-2228.77	-1365.76
			END-J	56.106	-1169.581	-46.902	-1837.42	-2158.77	12526.10
181	BEND	2	END-I	-2709.943	-302.725	-427.592	-5889.85	-14255.81	20797.16
			CENTER	-2130.278	1702.161	-427.592	-16499.43	-11357.98	10363.18
			END-J	-302.725	2709.943	-427.592	-21952.46	-1806.80	-22532.78
182	TANGENT	1	END-I	56.106	1169.581	46.902	-1837.42	2158.77	-12526.10
			END-J	56.106	1276.389	46.902	-1837.42	2768.50	-28424.91
182	TANGENT	2	END-I	-302.725	-2709.943	427.592	-21952.46	1806.80	22532.78
			END-J	-302.725	-2709.943	427.592	-21952.46	7365.49	57762.04
183	TANGENT	1	END-I	410.892	10.626	3.027	-83.72	211.19	1090.95
			END-J	402.229	10.626	3.027	-83.72	230.49	1023.21
183	TANGENT	2	END-I	-1227.336	-62.349	262.718	176.23	-20743.97	-6519.35
			END-J	-1227.336	-62.349	262.718	176.23	-19069.14	-6121.88
184	TANGENT	1	END-I	402.229	10.626	3.027	-83.72	230.49	1023.21
			END-J	396.793	10.626	3.027	-83.72	242.59	980.71
184	TANGENT	2	END-I	-1227.336	-62.349	262.718	176.23	-19069.14	-6121.88
			END-J	-1227.336	-62.349	262.718	176.23	-18018.27	-5872.48
185	TANGENT	1	END-I	396.793	10.626	3.027	-83.72	242.59	980.71
			END-J	250.530	10.626	3.027	-83.72	568.37	-162.94
185	TANGENT	2	END-I	-1227.336	-62.349	262.718	176.23	-18018.27	-5872.48
			END-J	-1227.336	-62.349	262.718	176.23	10256.80	837.84
186	TANGENT	1	END-I	250.530	-6.591	2.629	-83.72	568.37	-162.94
			END-J	249.171	-6.591	2.629	-83.72	571.00	-156.35
186	TANGENT	2	END-I	-1227.336	242.156	417.598	176.23	10256.80	837.84
			END-J	-1227.336	242.156	417.598	176.23	10674.40	595.68
187	TANGENT	1	END-I	48.663	-6.591	2.629	-83.72	-625.96	-77.26
			END-J	47.304	-6.591	2.629	-83.72	-623.33	-70.67
187	TANGENT	2	END-I	-1227.336	242.156	417.598	176.23	15685.57	-2310.19
			END-J	-1227.336	242.156	417.598	176.23	16103.17	-2552.35
188	BEND	1	END-I	47.304	-0.271	-7.091	-83.72	275.20	-563.73
			CENTER	28.729	-29.113	-7.091	122.94	223.71	-486.88
			END-J	-0.271	-34.496	-7.091	232.66	41.18	-327.20

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
188	BEND	2	END-I	-1227.336	-474.559	88.436	176.23	-2984.04	16028.78
			CENTER	-1203.422	532.294	88.436	-1830.01	-1859.44	15885.30
			END-J	-474.559	1227.336	88.436	-2453.42	354.39	11512.12
189	TANGENT	1	END-I	-0.267	-34.496	-7.091	232.86	41.18	-327.06
			END-J	-0.267	-10.238	-7.091	232.86	-85.39	72.19
189	TANGENT	2	END-I	-474.613	1227.336	88.148	-2460.41	354.39	11510.63
			END-J	-474.613	1227.336	88.148	-2460.41	1927.83	-10397.23
190	BEND	1	END-I	-0.271	10.238	7.091	232.90	85.39	-72.04
			CENTER	2.519	2.903	7.091	237.53	-74.22	-103.12
			END-J	-2.570	0.271	7.091	127.94	-190.36	-107.17
190	BEND	2	END-I	-474.559	-1227.336	-88.436	-2466.72	-1927.83	10395.73
			CENTER	-1203.421	-532.296	-88.436	-3262.83	5.84	14768.90
			END-J	-1227.338	474.555	-88.436	-2458.45	1936.09	14912.40
191	TANGENT	1	END-I	-2.570	-6.591	2.629	127.94	37.29	-215.25
			END-J	-62.196	-6.591	2.629	127.94	152.62	73.93
191	TANGENT	2	END-I	-1227.336	242.156	417.598	-2458.45	-13404.54	6815.16
			END-J	-1227.336	242.156	417.598	-2458.45	4917.55	-3809.46
192	TANGENT	1	END-I	-62.196	-6.591	2.629	127.94	152.62	73.93
			END-J	-67.802	-6.591	2.629	127.94	163.46	101.12
192	TANGENT	2	END-I	-1227.336	242.156	417.598	-2458.45	4917.55	-3809.46
			END-J	-1227.336	242.156	417.598	-2458.45	6640.14	-4808.35
193	TANGENT	1	END-I	0.155	42.293	4.677	-362.81	-42.63	303.24
			END-J	0.155	47.899	4.677	-362.81	-23.33	117.22
193	TANGENT	2	END-I	-2058.739	706.002	-1356.067	-395.75	-370.11	7285.22
			END-J	-2058.739	706.002	-1356.067	-395.75	-5963.88	4372.96
194	TANGENT	1	END-I	2.783	25.509	11.268	-261.69	-85.31	139.78
			END-J	2.783	31.115	11.268	-261.69	-38.83	22.99
194	TANGENT	2	END-I	-1641.142	521.334	-1598.223	-5204.10	2828.56	645.08
			END-J	-1641.142	521.334	-1598.223	-5204.10	-3764.12	-1505.42
195	BEND	1	END-I	0.155	4.677	-47.899	-362.81	117.22	23.33
			CENTER	1.933	4.262	-51.101	-312.70	133.43	12.67
			END-J	3.417	3.198	-54.303	-261.66	121.88	3.76
195	BEND	2	END-I	-2058.739	-1356.067	-706.002	-395.75	4372.96	5963.88
			CENTER	-2420.979	-464.955	-706.002	985.43	2570.39	8137.32
			END-J	-2414.615	496.949	-706.002	1571.62	376.47	8099.14
196	BEND	1	END-I	3.417	3.198	-54.303	-261.67	121.87	3.76
			CENTER	4.380	1.647	-57.505	-220.40	84.32	-2.02
			END-J	4.677	-0.155	-60.708	-198.11	26.48	-3.80

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
196	BEND	2	END-I	-2414.632	496.864	-706.002	1571.61	376.53	8099.14
			CENTER	-2040.663	1383.118	-706.002	1273.59	-1874.71	5855.32
			END-J	-1355.995	2058.787	-706.002	136.71	-3840.52	1747.31
197	TANGENT	1	END-I	4.677	60.708	-0.155	-198.11	3.80	26.47
			END-J	4.677	62.067	-0.155	-198.11	3.65	-34.92
197	TANGENT	2	END-I	-1356.067	706.002	2058.739	136.84	-1747.31	-3840.51
			END-J	-1356.067	706.002	2058.739	136.84	311.43	-4546.52
198	TANGENT	1	END-I	4.677	262.575	-0.155	-198.11	1.79	-1982.76
			END-J	4.677	265.293	-0.155	-198.11	1.48	-2510.63
198	TANGENT	2	END-I	-1356.067	706.002	2058.739	136.84	25016.30	-13018.55
			END-J	-1356.067	706.002	2058.739	136.84	29133.78	-14430.55
199	BEND	1	END-I	2.783	11.268	-31.115	-261.69	22.99	38.83
			CENTER	6.882	9.346	-34.316	-247.68	46.21	14.24
			END-J	9.934	6.003	-37.517	-227.32	54.96	-4.08
199	BEND	2	END-I	-1641.142	-1598.223	-521.334	-5204.10	-1505.42	3764.12
			CENTER	-2127.704	-848.845	-521.334	-5622.08	-596.71	6683.49
			END-J	-2290.586	29.665	-521.334	-5660.64	402.78	7660.78
200	BEND	1	END-I	9.935	6.002	-37.517	-227.31	54.97	-4.08
			CENTER	11.475	1.742	-40.720	-206.59	47.91	-13.32
			END-J	11.268	-2.783	-43.922	-191.62	26.09	-12.08
200	BEND	2	END-I	-2290.584	29.808	-521.334	-5660.62	403.13	7660.78
			CENTER	-2104.738	904.290	-521.334	-5313.44	1341.82	6545.71
			END-J	-1598.326	1641.042	-521.334	-4633.41	2076.15	3507.23
201	TANGENT	1	END-I	11.268	43.922	-2.783	-191.62	12.08	26.11
			END-J	11.268	45.281	-2.783	-191.62	9.30	-18.50
201	TANGENT	2	END-I	-1598.223	521.334	1641.142	-4633.28	-3507.23	2076.44
			END-J	-1598.223	521.334	1641.142	-4633.28	-1866.09	1555.10
202	TANGENT	1	END-I	11.268	245.789	-2.783	-191.62	-24.10	-1764.92
			END-J	11.268	248.507	-2.783	-191.62	-29.67	-2259.22
202	TANGENT	2	END-I	-1598.223	521.334	1641.142	-4633.28	17827.61	-4700.90
			END-J	-1598.223	521.334	1641.142	-4633.28	21109.89	-5743.57
203	BEND	1	END-I	-50.286	-1.224	-4843.148	1168.15	25787.12	7781.94
			CENTER	-50.296	-0.648	-4790.588	1336.15	3610.93	7786.25
			END-J	-50.300	-0.073	-4738.028	1251.72	-18323.91	7787.91
203	BEND	2	END-I	-2086.793	-618.761	-169.283	-874.37	2706.26	330094.15
			CENTER	-2093.738	-594.838	-169.283	-847.80	1937.26	332885.97
			END-J	-2100.409	-570.837	-169.283	-830.03	1168.01	335567.54

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
204	TANGENT	1	END-I	7.129	-646.717	5.229	-8099.97	1476.37	-11872.58
			END-J	7.129	-627.908	5.229	-8099.97	1492.19	-9944.48
204	TANGENT	2	END-I	178.256	170.924	463.894	-15762.80	19124.78	-7437.92
			END-J	178.256	170.924	463.894	-15762.80	20528.23	-7955.03
205	TANGENT	1	END-I	-49.136	-105.636	0.664	-1672.61	-340.53	3791.34
			END-J	-49.136	-57.073	0.664	-1672.61	-328.24	5296.43
205	TANGENT	2	END-I	-100.942	-116.852	-69.974	4442.11	218.34	-7458.95
			END-J	-100.942	-116.852	-69.974	4442.11	-1076.21	-5297.15
206	TANGENT	1	END-I	-17.703	-932.097	24.874	-26288.64	9802.82	122575.92
			END-J	-17.703	-803.136	24.874	-26288.64	10325.17	140795.86
206	TANGENT	2	END-I	-1148.908	-647.953	624.732	-7410.82	291575.73	-17275.53
			END-J	-1148.908	-647.953	624.732	-7410.82	304695.10	-3668.51
207	TANGENT	1	END-I	-6262.885	-526.785	-0.000	-0.00	0.00	-14141.25
			END-J	-6262.885	-526.785	-0.000	-0.00	0.00	0.00
207	TANGENT	2	END-I	-0.000	0.000	-0.000	0.00	0.00	0.00
			END-J	-0.000	0.000	-0.000	0.00	0.00	-0.00
208	TANGENT	1	END-I	-17.703	5481.864	24.874	-40429.89	10325.17	140795.86
			END-J	-17.703	5610.825	24.874	-40429.89	10847.52	24322.61
208	TANGENT	2	END-I	-1148.908	-647.953	624.732	-7410.82	304695.10	-3668.51
			END-J	-1148.908	-647.953	624.732	-7410.82	317814.47	9938.50
209	TANGENT	1	END-I	0.0	-338.233	-0.000	-808.50	0.00	-306.22
			END-J	0.0	-334.663	-0.000	-808.50	0.00	1712.46
209	TANGENT	2	END-I	-0.000	29.623	-0.000	-0.00	0.00	633.18
			END-J	-0.000	29.623	-0.000	-0.00	0.00	455.45
210	TANGENT	1	END-I	-488.276	-41.064	-0.000	0.00	0.00	-1112.65
			END-J	-488.276	-41.064	-0.000	0.00	0.00	-0.00
210	TANGENT	2	END-I	-0.000	-0.000	0.000	0.00	0.00	-0.00
			END-J	-0.000	-0.000	0.000	0.00	0.00	-0.00
211	TANGENT	1	END-I	0.0	155.337	-0.000	0.00	0.00	2476.86
			END-J	0.0	158.907	-0.000	0.00	0.00	1534.13
211	TANGENT	2	END-I	-0.000	29.623	-0.000	0.00	0.00	455.45
			END-J	-0.000	29.623	-0.000	0.00	0.00	277.71
212	TANGENT	1	END-I	-24.874	-813.176	-17.703	41479.86	9764.01	128888.27
			END-J	-24.874	-693.644	-17.703	41479.86	9392.25	144709.88

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
212	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	208905.72	-46716.48
			END-J	-624.732	652.408	-1148.908	-26257.28	184778.66	-60417.05
213	TANGENT	1	END-I	-6262.885	-526.785	-0.000	0.00	-0.00	-14141.25
			END-J	-6262.885	-526.785	-0.000	0.00	0.00	0.00
213	TANGENT	2	END-I	-0.000	0.000	-0.000	0.00	0.00	0.00
			END-J	-0.000	0.000	-0.000	0.00	0.00	-0.00
214	TANGENT	1	END-I	-24.874	5591.356	-17.703	27338.61	9392.25	144709.88
			END-J	-24.874	5710.888	-17.703	27338.61	9020.48	26036.33
214	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	184778.66	-60417.05
			END-J	-624.732	652.408	-1148.908	-26257.28	160651.60	-74117.61
215	TANGENT	1	END-I	-35.619	-6605.757	-35.516	58805.58	1253.24	-96229.97
			END-J	-35.619	-6486.225	-35.516	58805.58	507.39	41235.83
215	TANGENT	2	END-I	-1888.858	108.561	-1081.567	-4331.52	-46363.01	13328.33
			END-J	-1888.858	108.561	-1081.567	-4331.52	-69075.91	11048.55
216	TANGENT	1	END-I	-6262.884	-526.788	-0.000	0.00	-0.00	-14141.34
			END-J	-6262.884	-526.788	-0.000	0.00	0.00	-0.00
216	TANGENT	2	END-I	-0.000	-0.000	0.000	-0.00	-0.00	-0.00
			END-J	-0.000	-0.000	0.000	-0.00	0.00	0.00
217	TANGENT	1	END-I	-35.619	-201.225	-35.516	48806.15	507.39	51235.27
			END-J	-35.619	-81.693	-35.516	48806.15	-238.45	54205.90
217	TANGENT	2	END-I	-1888.858	108.561	-1081.567	-4331.52	-69075.91	11048.55
			END-J	-1888.858	108.561	-1081.567	-4331.52	-91788.82	8768.77
218	TANGENT	1	END-I	0.000	-314.522	-0.000	-426.65	0.00	582.28
			END-J	0.000	-310.952	-0.000	-426.65	0.00	2458.86
218	TANGENT	2	END-I	0.000	-14.250	-0.000	0.01	0.00	-304.57
			END-J	0.000	-14.250	-0.000	0.01	0.00	-219.06
219	TANGENT	1	END-I	-489.542	-21.191	-0.000	0.00	0.00	-572.69
			END-J	-489.542	-21.191	-0.000	0.00	-0.00	0.00
219	TANGENT	2	END-I	-0.000	-0.000	-0.000	0.00	0.00	-0.00
			END-J	-0.000	-0.000	-0.000	0.00	-0.00	-0.00
220	TANGENT	1	END-I	0.000	179.048	-0.000	0.21	0.00	2841.03
			END-J	0.000	182.618	-0.000	0.21	0.00	1756.07
220	TANGENT	2	END-I	-0.000	-14.250	-0.000	-0.02	0.00	-219.06
			END-J	-0.000	-14.250	-0.000	-0.02	0.00	-133.57

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
221	TANGENT	1	END-I	11.017	-7.171	-0.000	0.00	0.00	-33.50
			END-J	10.895	-7.092	-0.000	0.00	0.00	-0.00
221	TANGENT	2	END-I	-0.000	-0.000	-0.000	0.00	0.00	0.00
			END-J	-0.000	-0.000	-0.000	0.00	0.00	0.00
222	TANGENT	1	END-I	-50.297	-1855.586	0.586	-10674.25	-7793.07	100144.56
			END-J	-50.297	-1727.923	0.586	-10674.25	-7780.88	137392.65
222	TANGENT	2	END-I	-2094.473	169.283	592.244	-767.68	-362149.20	6700.94
			END-J	-2094.473	169.283	592.244	-767.68	-349837.27	3181.78
223	TANGENT	1	END-I	-6262.884	-526.788	0.000	-0.00	0.00	-14141.34
			END-J	-6262.884	-526.788	0.000	-0.00	-0.00	-0.00
223	TANGENT	2	END-I	-0.000	0.000	0.000	-0.00	-0.00	0.00
			END-J	-0.000	0.000	0.000	-0.00	0.00	-0.00
224	TANGENT	1	END-I	-50.299	4557.077	-0.430	692.76	-7780.88	137290.37
			END-J	-50.299	4687.345	-0.430	692.76	-7790.01	39240.10
224	TANGENT	2	END-I	-2106.011	169.283	549.808	-831.81	-349837.27	3165.63
			END-J	-2106.011	169.283	549.808	-831.81	-338174.27	-425.35
225	TANGENT	1	END-I	-881.258	-103.439	12.070	54.04	4366.27	4479.31
			END-J	-869.764	-103.439	12.070	54.04	4450.76	5203.38
225	TANGENT	2	END-I	-291.937	-15.536	278.367	12775.12	28854.21	-4093.77
			END-J	-291.937	-15.536	278.367	12775.12	30802.78	-3985.02
226	TANGENT	1	END-I	-699.508	-26.245	-0.000	0.00	0.00	-262.64
			END-J	-699.508	-26.245	-0.000	0.00	-0.00	-0.00
226	TANGENT	2	END-I	-0.000	0.000	0.000	-0.00	-0.00	-0.00
			END-J	-0.000	0.000	0.000	-0.00	0.00	0.00
227	TANGENT	1	END-I	-33.309	-169.764	98.670	-4164.48	54.04	-5172.57
			END-J	-33.309	-156.628	98.670	-4164.48	843.37	-3867.04
227	TANGENT	2	END-I	-275.515	-291.937	-42.671	10301.28	12775.12	-29301.45
			END-J	-275.515	-291.937	-42.671	10301.28	12433.76	-26966.02
228	TANGENT	1	END-I	-110.898	292.534	39.538	-1956.91	-208.12	-7149.59
			END-J	-110.898	306.081	39.538	-1956.91	118.08	-9619.01
228	TANGENT	2	END-I	-509.478	116.931	108.231	-11729.44	-6769.74	-8674.03
			END-J	-509.478	116.931	108.231	-11729.44	-5876.78	-9638.76
229	TANGENT	1	END-I	-699.507	-26.265	0.000	0.00	-0.00	-262.83
			END-J	-699.507	-26.265	0.000	0.00	0.00	0.00

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
229	TANGENT	2	END-I	0.000	-0.000	-0.000	-0.00	0.00	-0.00
			END-J	0.000	-0.000	-0.000	-0.00	-0.00	-0.00
230	TANGENT	1	END-I	-1006.081	-117.612	5.390	-118.08	1017.68	-10022.17
			END-J	-1017.575	-117.612	5.390	-118.08	1055.40	-9198.89
230	TANGENT	2	END-I	-116.931	-518.861	-45.442	5876.78	-8399.14	-12646.74
			END-J	-116.931	-518.861	-45.442	5876.78	-8717.23	-9014.71
231	TANGENT	1	END-I	-69.058	-1178.186	-38.791	3916.49	749.02	28441.88
			END-J	-69.058	-1143.229	-38.791	3916.49	399.90	38888.42
231	TANGENT	2	END-I	-3810.550	-1198.026	-2089.004	55907.58	39848.03	-26262.70
			END-J	-3810.550	-1198.026	-2089.004	55907.58	21046.68	-15480.29
232	TANGENT	1	END-I	-1898.685	-70.680	0.000	-0.00	-0.00	-1520.67
			END-J	-1898.685	-70.680	0.000	-0.00	0.00	-0.00
232	TANGENT	2	END-I	-0.000	0.000	0.000	-0.00	-0.00	0.00
			END-J	-0.000	0.000	0.000	-0.00	0.00	-0.00
233	TANGENT	1	END-I	-69.058	756.771	-38.791	2395.82	399.90	38887.95
			END-J	-69.058	791.727	-38.791	2395.82	50.78	31919.59
233	TANGENT	2	END-I	-3810.550	-1198.026	-2089.004	55907.58	21046.68	-15480.29
			END-J	-3810.550	-1198.026	-2089.004	55907.58	2245.34	-4697.88
234	TANGENT	1	END-I	980.800	40.914	-148.621	-2343.71	6788.58	4386.17
			END-J	972.634	40.914	-148.621	-2343.71	6491.34	4304.34
234	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	-5593.82	-35406.83
			END-J	-81.781	-888.270	857.870	-4054.66	-3878.08	-33630.29
235	TANGENT	1	END-I	17.206	-359.589	-0.000	-0.00	0.00	-1956.19
			END-J	17.206	-359.589	-0.000	-0.00	0.00	0.00
235	TANGENT	2	END-I	0.000	0.000	0.000	-0.00	-0.00	0.00
			END-J	0.000	0.000	0.000	-0.00	-0.00	0.00
236	TANGENT	1	END-I	612.634	40.914	-148.621	-2343.71	8446.14	4230.54
			END-J	604.468	40.914	-148.621	-2343.71	8148.90	4148.71
236	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	-3878.08	-33630.29
			END-J	-81.781	-888.270	857.870	-4054.66	-2162.34	-31853.75
237	TANGENT	1	END-I	473.012	40.914	-148.621	-2343.71	5770.96	3494.10
			END-J	464.846	40.914	-148.621	-2343.71	5473.72	3412.27
237	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	11563.59	-17641.43
			END-J	-81.781	-888.270	857.870	-4054.66	13279.33	-15864.89

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
238	TANGENT	1	END-I	17.206	-359.589	-0.000	0.00	-0.00	-1956.19
			END-J	17.206	-359.589	-0.000	0.00	0.00	0.00
238	TANGENT	2	END-I	0.000	0.000	-0.000	-0.00	-0.00	0.00
			END-J	0.000	0.000	-0.000	-0.00	-0.00	0.00
239	TANGENT	1	END-I	104.846	40.914	-148.621	-2343.71	7428.52	3338.47
			END-J	96.680	40.914	-148.621	-2343.71	7131.28	3256.64
239	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	13279.33	-15864.89
			END-J	-81.781	-888.270	857.870	-4054.66	14995.07	-14088.35
240	TANGENT	1	END-I	523.975	-56.106	46.902	1314.54	684.51	7474.91
			END-J	532.141	-56.106	46.902	1314.54	778.32	7587.12
240	TANGENT	2	END-I	-2709.943	302.725	427.592	-5889.85	10621.28	-18224.00
			END-J	-2709.943	302.725	427.592	-5889.85	11476.46	-18829.45
241	TANGENT	1	END-I	17.200	-359.589	0.000	0.00	-0.00	-1956.87
			END-J	17.200	-359.589	0.000	0.00	0.00	0.00
241	TANGENT	2	END-I	0.0	0.000	-0.000	0.00	-0.00	0.0
			END-J	0.0	0.000	-0.000	0.00	-0.00	0.00
242	TANGENT	1	END-I	892.141	-56.106	46.902	1314.54	688.32	5632.32
			END-J	900.307	-56.106	46.902	1314.54	782.12	5744.53
242	TANGENT	2	END-I	-2709.943	302.725	427.592	-5889.85	11476.46	-18829.45
			END-J	-2709.943	302.725	427.592	-5889.85	12331.64	-19434.90
243	TANGENT	1	END-I	4.677	62.067	-0.155	-198.11	3.65	-34.92
			END-J	4.677	64.821	-0.155	-198.11	2.72	-415.58
243	TANGENT	2	END-I	-1356.067	706.002	2058.739	136.84	311.43	-4546.52
			END-J	-1356.067	706.002	2058.739	136.84	12663.86	-8782.53
244	TANGENT	1	END-I	-195.000	-0.000	0.000	0.00	-0.00	0.00
			END-J	-195.000	-0.000	0.000	0.00	0.00	0.0
244	TANGENT	2	END-I	0.0	0.000	0.000	-0.00	-0.00	0.00
			END-J	0.0	0.000	0.000	-0.00	0.00	0.00
245	TANGENT	1	END-I	4.677	259.821	-0.155	-198.11	2.72	-415.58
			END-J	4.677	262.575	-0.155	-198.11	1.79	-1982.76
245	TANGENT	2	END-I	-1356.067	706.002	2058.739	136.84	12663.86	-8782.53
			END-J	-1356.067	706.002	2058.739	136.84	25016.30	-13018.55
246	TANGENT	1	END-I	11.268	45.281	-2.783	-191.62	9.30	-18.50
			END-J	11.268	48.035	-2.783	-191.62	-7.40	-298.45

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
246	TANGENT	2	END-I	-1598.223	521.334	1641.142	-4633.28	-1866.09	1555.10
			END-J	-1598.223	521.334	1641.142	-4633.28	7980.76	-1572.90
247	TANGENT	1	END-I	-195.000	-0.000	-0.000	0.0	0.00	-0.00
			END-J	-195.000	-0.000	-0.000	0.0	-0.00	0.0
247	TANGENT	2	END-I	-0.000	-0.000	-0.000	0.0	0.00	-0.00
			END-J	-0.000	-0.000	-0.000	0.0	-0.00	0.00
248	TANGENT	1	END-I	11.268	243.035	-2.783	-191.62	-7.40	-298.45
			END-J	11.268	245.789	-2.783	-191.62	-24.10	-1764.92
248	TANGENT	2	END-I	-1598.223	521.334	1641.142	-4633.28	7980.76	-1572.90
			END-J	-1598.223	521.334	1641.142	-4633.28	17827.61	-4700.90
249	TANGENT	1	END-I	249.171	-6.591	2.629	-83.72	571.00	-156.35
			END-J	246.417	-6.591	2.629	-83.72	586.77	-116.81
249	TANGENT	2	END-I	-1227.336	242.156	417.598	176.23	10674.40	595.68
			END-J	-1227.336	242.156	417.598	176.23	13179.98	-857.25
250	TANGENT	1	END-I	0.0	-195.000	0.000	0.0	-0.00	-1228.50
			END-J	0.0	-195.000	0.000	0.0	-0.00	-0.00
250	TANGENT	2	END-I	-0.000	0.000	0.000	0.0	-0.00	0.00
			END-J	-0.000	0.000	0.000	0.0	0.00	-0.00
251	TANGENT	1	END-I	51.417	-6.591	2.629	-83.72	-641.73	-116.81
			END-J	48.663	-6.591	2.629	-83.72	-625.96	-77.26
251	TANGENT	2	END-I	-1227.336	242.156	417.598	176.23	13179.98	-857.25
			END-J	-1227.336	242.156	417.598	176.23	15685.57	-2310.19
252	TANGENT	1	END-I	11.018	-7.170	-0.000	-0.00	0.00	-33.49
			END-J	10.896	-7.091	-0.000	-0.00	0.00	-0.00
252	TANGENT	2	END-I	-0.000	0.000	-0.000	-0.00	-0.00	-0.00
			END-J	-0.000	0.000	-0.000	-0.00	0.00	-0.00
253	TANGENT	1	END-I	-110.895	266.942	39.548	-1957.56	-593.68	-4422.19
			END-J	-110.895	292.534	39.548	-1957.56	-208.12	-7149.41
253	TANGENT	2	END-I	-509.468	116.931	108.278	-11730.23	-7825.36	-7532.99
			END-J	-509.468	116.931	108.278	-11730.23	-6769.74	-8672.97

BOUNDARY ELEMENT FORCES/MOMENTS

ELEMENT NUMBER	LOAD CASE	FORCE	MOMENT
1	1	0.10642D+02	0.75126D+04
1	2	0.30000D+10	0.46001D+10
2	1	-0.11443D+04	0.73592D+04
2	2	-0.77000D+11	-0.99397D+08
3	1	-0.53323D+02	0.12888D+05
3	2	0.98990D+13	0.15933D+06
4	1	-0.88083D+01	0.69466D+04
4	2	-0.27800D+12	0.14397D+05
5	1	0.45656D+03	-0.15712D+04
5	2	0.77600D+12	-0.27501D+05
6	1	0.75848D+00	-0.41375D+04
6	2	0.32600D+12	0.58810D+04
7	1	-0.41430D+04	0.0
7	2	0.33118D+04	0.0
8	1	-0.58048D+04	0.0
8	2	-0.19798D+04	0.0
9	1	-0.78336D+04	0.0
9	2	0.37530D+03	0.0
10	1	-0.20448D+03	0.0
10	2	-0.29623D+02	0.0
11	1	-0.20852D+04	0.0
11	2	0.95468D+03	0.0
12	1	-0.32903D+04	0.0
12	2	-0.11595D+04	0.0
13	1	-0.14750D+05	0.0
13	2	-0.51397D+03	0.0

14	1	-0.40865D+04	0.0
14	2	-0.31210D+03	0.0
15	1	-0.22819D+03	0.0
15	2	0.14250D+02	0.0
16	1	-0.26106D+04	0.0
16	2	0.35857D+03	0.0
17	1	-0.55823D+04	0.0
17	2	-0.22092D+03	0.0
18	1	-0.23824D+04	0.0
18	2	0.14611D+03	0.0
19	1	-0.21926D+04	0.0
19	2	-0.67073D+03	0.0
20	1	-0.55892D+02	0.0
20	2	-0.28766D+04	0.0
21	1	0.75369D+02	0.0
21	2	-0.13935D+02	0.0
22	1	0.11189D+03	0.0
22	2	0.43857D+03	0.0
23	1	-0.15337D+04	0.0
23	2	0.27747D+03	0.0
24	1	-0.33922D+04	0.0
24	2	0.31111D+04	0.0
25	1	-0.14449D+04	0.0
25	2	-0.39128D+03	0.0
26	1	-0.13525D+04	0.0
26	2	0.12135D+04	0.0
27	1	0.78102D+02	0.0
27	2	0.55830D+04	0.0
28	1	-0.53799D+04	0.0
28	2	-0.10250D+04	0.0

29	1	0.25433D+03	0.0
29	2	0.26712D+04	0.0
30	1	-0.24035D+02	0.0
30	2	-0.21844D+04	0.0
31	1	0.39842D+00	0.0
31	2	-0.15488D+03	0.0
32	1	0.17217D+02	0.0
32	2	-0.30451D+03	0.0
33	1	-0.14770D+03	0.0
33	2	-0.31320D+03	0.0
34	1	0.35998D+02	0.0
34	2	0.33933D+03	0.0
35	1	-0.66067D+03	0.0
35	2	0.39100D+03	0.0
36	1	-0.56289D+01	0.0
36	2	-0.17675D+03	0.0
37	1	-0.63919D+03	0.0
37	2	-0.12871D+03	0.0

B O U N D A R Y E L E M E N T F O R C E S / M O M E N T S

ELEMENT NUMBER	LOAD CASE	FORCE	MOMENT
1	1	-0.92940D+00	0.0
1	2	-0.93932D+02	0.0
2	1	-0.85971D+00	0.0
2	2	0.40030D+02	0.0

S T A T I C S O L U T I O N T I M E L O G

EQUATION SOLUTION = 1.92
DISPLACEMENT OUTPUT = 0.29
STRESS RECOVERY = 1.50

O V E R A L L T I M E L O G

NODAL POINT INPUT	=	0.60
ELEMENT STIFFNESS FORMATION	=	5.29
NODAL LOAD INPUT	=	0.10
TOTAL STIFFNESS FORMATION	=	1.48
STATIC ANALYSIS	=	3.70
EIGENVALUE EXTRACTION	=	0.0
STRUCTURE PLOTTING	=	0.00
FORCED RESPONSE ANALYSIS	=	0.0
RESPONSE SPECTRUM ANALYSIS	=	0.0
STEP-BY-STEP INTEGRATION	=	0.0
FREQUENCY RESPONSE ANALYSIS	=	0.0
TOTAL SOLUTION TIME	=	11.18

S N U B B E R E L E M E N T S

SNUBBER ID	LOCATION NODE	DIRECTION NODE	TYPE CODE	DIRECTION COSINES DX	DY	DZ	STIFFNESS
1	99	254	10	0.0	0.0	0.0	1.7400D+05
2	100	255	10	0.0	0.0	0.0	1.7400D+05
3	12	305	10	0.0	0.0	0.0	1.7400D+05
4	117	259	10	0.0	0.0	0.0	2.6000D+04
5	122	261	10	0.0	0.0	0.0	1.7400D+05
6	132	263	10	0.0	0.0	0.0	1.7400D+05
7	134	266	10	0.0	0.0	0.0	1.7400D+05
8	140	268	10	0.0	0.0	0.0	1.7400D+05
9	150	270	10	0.0	0.0	0.0	2.6000D+04
10	155	272	10	0.0	0.0	0.0	1.7400D+05
11	163	275	10	0.0	0.0	0.0	1.3600D+05
12	164	276	10	0.0	0.0	0.0	1.3600D+05
13	175	278	10	0.0	0.0	0.0	2.6000D+04
14	176	280	10	0.0	0.0	0.0	1.3600D+05
15	180	284	10	0.0	0.0	0.0	1.0400D+05
16	186	286	10	0.0	0.0	0.0	1.3600D+05
17	187	287	10	0.0	0.0	0.0	1.3600D+05
18	188	288	10	0.0	0.0	0.0	1.0400D+05
19	252	304	10	0.0	0.0	0.0	1.3600D+05
20	207	294	10	0.0	0.0	0.0	2.6000D+04

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E I G E N V A L U E   A N A L Y S I S

SUBSPACE ITERATION SOLUTION IS CARRIED OUT

CONTROL INFORMATION

    FLAG FOR ADDITIONAL PRINTING  =     0
      EQ.0, SUPPRESS
      EQ.1, PRINT

    STURM SEQUENCE CHECK FLAG (*) =     0
      EQ.0, PERFORM CHECK
      EQ.1, PASS

    MAXIMUM ITERATION CYCLES (*)  =    16

    CONVERGENCE TOLERANCE (*)     =     0.1000D-04

    CUT-OFF FREQUENCY (CPS)       =     0.1000D+09

    NUMBER OF STARTING ITERATION
    VECTORS TO BE READ FROM
    TAPE10 (*)                    =     0

    (*)  APPLICABLE TO SUBSPACE
         ITERATION SOLUTIONS ONLY

SOLUTION IS SOUGHT FOR FOLLOWING EIGENPROBLEM

NUMBER OF EQUATIONS                = 1476

HALF BANDWIDTH OF STIFFNESS MATRIX =   42

NUMBER OF EQUATION BLOCKS          =    4

NUMBER OF EQUATIONS PER BLOCK      =  380

NUMBER OF EIGENVALUES REQUIRED     =   50

TIME FOR GENERATION OF INITIAL TR-VECTORS    0.50

TIME FOR STIFFNESS FACTORIZATION      0.98

ITERATION NUMBER (*SSPCEB*) =    1
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AFTER 10 SWEEPS IN *JACOBI* THE EIGENVALUES ARE

0.4493D+05	0.1589D+05	0.1295D+06	0.3137D+05	0.1370D+06	0.1142D+06	0.2842D+06	0.3744D+04	0.6022D+05	0.2138D+05
0.1124D+05	0.5017D+05	0.3338D+05	0.2229D+06	0.1625D+06	0.3077D+05	0.4082D+04	0.4695D+04	0.5350D+05	0.3785D+04
0.4265D+05	0.6238D+04	0.5195D+04	0.1377D+05	0.4875D+06	0.7456D+05	0.4762D+06	0.3466D+05	0.4735D+05	0.3445D+05
0.8243D+05	0.2629D+05	0.4878D+04	0.2057D+05	0.4825D+04	0.2578D+05	0.6697D+05	0.1246D+06	0.9099D+04	0.2433D+05
0.3471D+06	0.3387D+06	0.1107D+05	0.5562D+04	0.2223D+05	0.6577D+04	0.2283D+05	0.2776D+06	0.1564D+05	0.4817D+06
0.8633D+05	0.8933D+03	0.7930D+04	0.1180D+07	0.4568D+05	0.1640D+07	0.6437D+05	0.1918D+06		

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW

0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01
0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01
0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01
0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01
0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01
0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01		

TIME USED IN ITERN STEP 29.97

TIME FOR EIGENVALUE SOLN 23.54

ITERATION NUMBER (*SSPCEB*) = 2

AFTER 7 SWEEPS IN *JACOBI* THE EIGENVALUES ARE

0.8915D+03	0.3723D+04	0.3663D+04	0.3390D+04	0.4653D+04	0.4796D+04	0.4864D+04	0.5105D+04	0.5356D+04	0.6135D+04
0.6432D+04	0.7790D+04	0.8750D+04	0.1045D+05	0.8024D+04	0.8940D+04	0.1134D+05	0.1268D+05	0.1650D+05	0.3354D+05
0.2237D+05	0.2112D+05	0.2581D+05	0.1879D+05	0.1538D+05	0.2289D+05	0.1965D+05	0.2650D+05	0.2445D+05	0.2411D+05
0.3824D+05	0.4339D+05	0.3979D+05	0.2553D+05	0.2731D+05	0.2931D+05	0.5636D+05	0.5538D+05	0.3129D+05	0.3522D+05
0.7855D+05	0.3614D+05	0.4534D+05	0.5019D+05	0.1123D+06	0.3578D+05	0.5287D+05	0.4959D+05	0.1886D+06	0.2391D+06
0.2152D+06	0.1737D+05	0.1204D+06	0.9250D+05	0.1519D+06	0.5795D+05	0.2662D+06	0.8679D+06		

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW

0.2033D-02	0.1044D+00	0.3329D-01	0.9624D-01	0.9157D-02	0.5985D-02	0.2863D-02	0.1760D-01	0.3847D-01	0.1689D-01
0.2254D-01	0.1800D-01	0.1340D+00	0.2651D+00	0.2569D+00	0.3174D+00	0.3789D+00	0.2538D+00	0.3371D+00	0.2959D+00
0.2800D+00	0.2148D+00	0.2383D+00	0.2205D+00	0.1749D+00	0.3438D+00	0.3012D+00	0.3650D+00	0.3495D+00	0.3432D+00
0.6092D+00	0.6451D+00	0.5586D+00	0.5131D+00	0.4960D+00	0.5191D+00	0.6832D+00	0.7812D+00	0.7512D+00	0.8738D+00
0.8998D+00	0.9039D+00	0.1302D+01	0.1482D+01	0.1450D+01	0.1474D+01	0.1883D+01	0.2310D+01	0.1837D+01	0.2001D+01
0.1530D+01	0.1813D+01	0.1285D+01	0.1525D+01	0.1239D+01	0.1039D+01	0.3433D+01	0.8894D+00		

TIME USED IN ITERN STEP 27.55

TIME FOR EIGENVALUE SOLN 20.99

ITERATION NUMBER (*SSPCEB*) = 3

AFTER 7 SWEEPS IN *JACOBI* THE EIGENVALUES ARE

0.8915D+03	0.3372D+04	0.3661D+04	0.3723D+04	0.4652D+04	0.4796D+04	0.4864D+04	0.5104D+04	0.5354D+04	0.6132D+04
0.6427D+04	0.7765D+04	0.7813D+04	0.8741D+04	0.8297D+04	0.1043D+05	0.1089D+05	0.1266D+05	0.1531D+05	0.1574D+05
0.1073D+05	0.1637D+05	0.1724D+05	0.1899D+05	0.2093D+05	0.1939D+05	0.2223D+05	0.2527D+05	0.2248D+05	0.2625D+05
0.2401D+05	0.2458D+05	0.2372D+05	0.2583D+05	0.3026D+05	0.3217D+05	0.2928D+05	0.3444D+05	0.3255D+05	0.3562D+05
0.3615D+05	0.3801D+05	0.4659D+05	0.4880D+05	0.4171D+05	0.5490D+05	0.5054D+05	0.4181D+05	0.7561D+05	0.3989D+05
0.4755D+05	0.1121D+06	0.1194D+06	0.9050D+05	0.1309D+06	0.9672D+05	0.1764D+06	0.2447D+06		

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW

0.7452D-07	0.5554D-02	0.7535D-03	0.9475D-05	0.4069D-04	0.2180D-04	0.3165D-04	0.1898D-03	0.3214D-03	0.4002D-03
0.7112D-03	0.3232D-02	0.2705D-01	0.5462D-01	0.2275D-01	0.2659D-02	0.5748D-01	0.1641D+00	0.2149D+00	0.7728D-01
0.1035D+00	0.1477D+00	0.1394D+00	0.1121D+00	0.1537D+00	0.9364D-01	0.8441D-01	0.8749D-01	0.7625D-01	0.7466D-01
0.7825D-01	0.8085D-01	0.1348D+00	0.1921D+00	0.1454D+00	0.1639D+00	0.1123D+00	0.1102D+00	0.1105D+00	0.1171D+00
0.2002D+00	0.1930D+00	0.2432D+00	0.2032D+00	0.2644D+00	0.1887D+00	0.1852D+00	0.1876D+00	0.5543D+00	0.6849D+00
0.4858D+00	0.3306D+00	0.5705D+00	0.6826D+00	0.8017D+00	0.8275D+00	0.5091D+00	0.2547D+01		

TIME USED IN ITERN STEP 26.70

TIME FOR EIGENVALUE SOLN 20.16

ITERATION NUMBER (*SSPCEB*) = 4

AFTER 6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE

0.8915D+03	0.3371D+04	0.3661D+04	0.3723D+04	0.4652D+04	0.4796D+04	0.4864D+04	0.5104D+04	0.5354D+04	0.6132D+04
0.6427D+04	0.7764D+04	0.7812D+04	0.8203D+04	0.8741D+04	0.1043D+05	0.1022D+05	0.1085D+05	0.1266D+05	0.1531D+05
0.1469D+05	0.1631D+05	0.1660D+05	0.1901D+05	0.1882D+05	0.2091D+05	0.2136D+05	0.2235D+05	0.2359D+05	0.2381D+05
0.2453D+05	0.2468D+05	0.2531D+05	0.2617D+05	0.2712D+05	0.2896D+05	0.3138D+05	0.3171D+05	0.3301D+05	0.3546D+05
0.3396D+05	0.3721D+05	0.3254D+05	0.4085D+05	0.4109D+05	0.4646D+05	0.4480D+05	0.4849D+05	0.4649D+05	0.5464D+05
0.7391D+05	0.8082D+05	0.9133D+05	0.5618D+05	0.1172D+06	0.9671D+05	0.7482D+05	0.1189D+06		

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW

0.3376D-11	0.1013D-03	0.5529D-05	0.3840D-07	0.4150D-06	0.1986D-06	0.6999D-07	0.5552D-05	0.9702D-05	0.1349D-04
0.2556D-04	0.6920D-04	0.9254D-04	0.1138D-01	0.5997D-04	0.2031D-01	0.2821D-01	0.3923D-02	0.2527D-04	0.4269D-01
0.2817D-01	0.3941D-02	0.3861D-01	0.9030D-02	0.2000D-01	0.1132D-02	0.4089D-01	0.6147D-02	0.5578D-02	0.8657D-02
0.1862D-02	0.2413D-01	0.2069D-01	0.3007D-02	0.7950D-01	0.4482D-01	0.2515D-01	0.2647D-01	0.5847D-01	0.7919D-01
0.6460D-01	0.7187D-01	0.7198D-01	0.2117D-01	0.1750D-01	0.3984D-01	0.2347D-01	0.4957D-01	0.4229D-01	0.4807D-02
0.3457D+00	0.2243D+00	0.2926D+00	0.3868D+00	0.3077D+00	0.3530D+00	0.5044D+00	0.1059D+01		

TIME USED IN ITERN STEP 25.77

TIME FOR EIGENVALUE SOLN 19.19

ITERATION NUMBER (*SSPCEB*) = 5

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AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
   0.8915D+03   0.3371D+04   0.3661D+04   0.3723D+04   0.4652D+04   0.4796D+04   0.4864D+04   0.5104D+04   0.5354D+04   0.6132D+04
   0.6427D+04   0.7764D+04   0.7812D+04   0.8198D+04   0.8741D+04   0.1018D+05   0.1043D+05   0.1085D+05   0.1266D+05   0.1458D+05
   0.1531D+05   0.1629D+05   0.1654D+05   0.1877D+05   0.1901D+05   0.2091D+05   0.2065D+05   0.2234D+05   0.2359D+05   0.2314D+05
   0.2454D+05   0.2420D+05   0.2523D+05   0.2616D+05   0.2680D+05   0.2816D+05   0.3114D+05   0.2938D+05   0.3241D+05   0.3285D+05
   0.3352D+05   0.3543D+05   0.3696D+05   0.4078D+05   0.4190D+05   0.4454D+05   0.4639D+05   0.4373D+05   0.4841D+05   0.5454D+05
   0.3791D+05   0.6122D+05   0.7338D+05   0.7850D+05   0.8880D+05   0.7509D+05   0.1160D+06   0.9570D+05

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
   0.2232D-14   0.7912D-06   0.3339D-07   0.2653D-09   0.6864D-08   0.3490D-08   0.3719D-09   0.1111D-06   0.2173D-06   0.4135D-06
   0.8797D-06   0.1025D-05   0.3882D-05   0.5996D-03   0.1648D-05   0.3931D-02   0.7150D-04   0.8849D-04   0.3250D-06   0.7429D-02
   0.3850D-04   0.9433D-03   0.3714D-02   0.2961D-02   0.3332D-03   0.1257D-01   0.2141D-01   0.1567D-03   0.1960D-01   0.9017D-02
   0.1372D-01   0.5477D-02   0.2845D-02   0.6199D-03   0.1208D-01   0.2857D-01   0.6783D-01   0.1845D-01   0.3792D-02   0.4744D-02
   0.1310D-01   0.8715D-03   0.6781D-02   0.7748D-01   0.7682D-02   0.6929D-01   0.6241D-01   0.4380D-01   0.4525D-01   0.1286D+00
   0.3019D-01   0.2073D+00   0.1957D-01   0.7632D-01   0.1633D+00   0.8903D-01   0.2252D+00   0.2467D-01

TIME USED IN ITERN STEP    25.30

TIME FOR EIGENVALUE SOLN    18.59


ITERATION NUMBER (*SSPCEB*) =     6


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
   0.8915D+03   0.3371D+04   0.3661D+04   0.3723D+04   0.4652D+04   0.4796D+04   0.4864D+04   0.5104D+04   0.5354D+04   0.6132D+04
   0.6427D+04   0.7764D+04   0.7812D+04   0.8198D+04   0.8741D+04   0.1018D+05   0.1043D+05   0.1085D+05   0.1266D+05   0.1457D+05
   0.1531D+05   0.1629D+05   0.1653D+05   0.1876D+05   0.1901D+05   0.2044D+05   0.2091D+05   0.2234D+05   0.2292D+05   0.2359D+05
   0.2415D+05   0.2454D+05   0.2522D+05   0.2615D+05   0.2675D+05   0.2774D+05   0.2910D+05   0.3112D+05   0.3240D+05   0.3283D+05
   0.3345D+05   0.3542D+05   0.3694D+05   0.3593D+05   0.4076D+05   0.4156D+05   0.4341D+05   0.4445D+05   0.4636D+05   0.4839D+05
   0.5452D+05   0.5983D+05   0.7307D+05   0.6138D+05   0.7690D+05   0.8709D+05   0.9240D+05   0.1154D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
   0.6376D-16   0.3208D-08   0.1568D-09   0.1253D-11   0.5483D-10   0.2996D-10   0.3244D-11   0.1103D-08   0.2361D-08   0.6019D-08
   0.1403D-07   0.1400D-07   0.8708D-07   0.1492D-04   0.3278D-07   0.1708D-03   0.2661D-05   0.3812D-05   0.7693D-08   0.3791D-03
   0.2631D-05   0.9057D-04   0.2922D-03   0.3974D-03   0.4112D-04   0.1005D-01   0.7210D-05   0.1522D-04   0.9582D-02   0.2362D-03
   0.2042D-02   0.3381D-04   0.4927D-03   0.1625D-03   0.1646D-02   0.1513D-01   0.9877D-02   0.5021D-03   0.3448D-03   0.5807D-03
   0.2131D-02   0.1519D-03   0.2863D-01   0.2626D-01   0.5543D-03   0.8106D-02   0.7383D-02   0.2096D-02   0.4901D-03   0.4300D-03
   0.3896D-03   0.2323D-01   0.1955D+00   0.2762D-01   0.2081D-01   0.1974D-01   0.3572D-01   0.5249D-02

TIME USED IN ITERN STEP    24.86

TIME FOR EIGENVALUE SOLN    18.17


ITERATION NUMBER (*SSPCEB*) =     7


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
   0.8915D+03   0.3371D+04   0.3661D+04   0.3723D+04   0.4652D+04   0.4796D+04   0.4864D+04   0.5104D+04   0.5354D+04   0.6132D+04
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 0.6427D+04  0.7764D+04  0.7812D+04  0.8198D+04  0.8741D+04  0.1018D+05  0.1043D+05  0.1085D+05  0.1266D+05  0.1457D+05
 0.1531D+05  0.1629D+05  0.1653D+05  0.1876D+05  0.1901D+05  0.2042D+05  0.2091D+05  0.2234D+05  0.2289D+05  0.2359D+05
 0.2415D+05  0.2454D+05  0.2522D+05  0.2615D+05  0.2675D+05  0.2766D+05  0.2905D+05  0.3112D+05  0.3240D+05  0.3283D+05
 0.3343D+05  0.3542D+05  0.3563D+05  0.3694D+05  0.4075D+05  0.4152D+05  0.4338D+05  0.4442D+05  0.4636D+05  0.4838D+05
 0.5451D+05  0.5970D+05  0.5441D+05  0.7244D+05  0.7588D+05  0.8580D+05  0.9071D+05  0.1150D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
 0.1275D-15  0.8730D-11  0.5844D-12  0.3481D-14  0.2708D-12  0.1578D-12  0.1870D-13  0.6748D-11  0.1572D-10  0.5302D-10
 0.1343D-09  0.1877D-09  0.1244D-08  0.2378D-06  0.7012D-09  0.4303D-05  0.6890D-07  0.9531D-07  0.2069D-09  0.1167D-04
 0.1785D-06  0.6832D-05  0.2391D-04  0.4285D-04  0.4429D-05  0.9897D-03  0.6297D-06  0.1525D-05  0.1174D-02  0.3055D-04
 0.2376D-03  0.3046D-05  0.8203D-04  0.3495D-04  0.2874D-03  0.2751D-02  0.1469D-02  0.1729D-04  0.6555D-04  0.9062D-04
 0.4793D-03  0.4389D-04  0.8435D-02  0.9244D-04  0.1264D-03  0.9784D-03  0.5755D-03  0.6957D-03  0.1698D-03  0.1402D-03
 0.1984D-02  0.9755D-01  0.2825D-01  0.8720D-02  0.1352D-01  0.1503D-01  0.1864D-01  0.3816D-02

TIME USED IN ITERN STEP   24.63

TIME FOR EIGENVALUE SOLN   17.92


ITERATION NUMBER (*SSPCEB*) =     8


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
 0.8915D+03  0.3371D+04  0.3661D+04  0.3723D+04  0.4652D+04  0.4796D+04  0.4864D+04  0.5104D+04  0.5354D+04  0.6132D+04
 0.6427D+04  0.7764D+04  0.7812D+04  0.8198D+04  0.8741D+04  0.1018D+05  0.1043D+05  0.1085D+05  0.1266D+05  0.1457D+05
 0.1531D+05  0.1629D+05  0.1653D+05  0.1876D+05  0.1901D+05  0.2042D+05  0.2091D+05  0.2234D+05  0.2289D+05  0.2359D+05
 0.2415D+05  0.2454D+05  0.2522D+05  0.2615D+05  0.2674D+05  0.2765D+05  0.2905D+05  0.3112D+05  0.3240D+05  0.3283D+05
 0.3343D+05  0.3542D+05  0.3558D+05  0.3694D+05  0.4075D+05  0.4151D+05  0.4338D+05  0.4441D+05  0.4635D+05  0.4838D+05
 0.5149D+05  0.5451D+05  0.5967D+05  0.7186D+05  0.7457D+05  0.8467D+05  0.8879D+05  0.1144D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
 0.3188D-15  0.1799D-13  0.2065D-14  0.6107D-16  0.1173D-14  0.9482D-15  0.0         0.3314D-13  0.8409D-13  0.3730D-12
 0.1030D-11  0.2216D-11  0.1472D-10  0.3216D-08  0.1621D-10  0.8518D-07  0.1447D-08  0.1978D-08  0.6088D-11  0.4009D-06
 0.1262D-07  0.5160D-06  0.1978D-05  0.4093D-05  0.4037D-06  0.7602D-04  0.6644D-07  0.1940D-06  0.1223D-03  0.4436D-05
 0.2780D-04  0.3236D-06  0.1251D-04  0.6777D-05  0.5947D-04  0.4238D-03  0.2549D-03  0.9521D-06  0.1220D-04  0.1447D-04
 0.1037D-03  0.1643D-04  0.1509D-02  0.1410D-04  0.3702D-04  0.2296D-03  0.8266D-04  0.2709D-03  0.6162D-04  0.4796D-04
 0.5670D-01  0.7777D-05  0.3758D-03  0.8008D-02  0.1757D-01  0.1326D-01  0.2161D-01  0.4438D-02

TIME USED IN ITERN STEP   24.86

TIME FOR EIGENVALUE SOLN   17.87


ITERATION NUMBER (*SSPCEB*) =     9


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
 0.8915D+03  0.3371D+04  0.3661D+04  0.3723D+04  0.4652D+04  0.4796D+04  0.4864D+04  0.5104D+04  0.5354D+04  0.6132D+04
 0.6427D+04  0.7764D+04  0.7812D+04  0.8198D+04  0.8741D+04  0.1018D+05  0.1043D+05  0.1085D+05  0.1266D+05  0.1457D+05
 0.1531D+05  0.1629D+05  0.1653D+05  0.1876D+05  0.1901D+05  0.2042D+05  0.2091D+05  0.2234D+05  0.2289D+05  0.2359D+05
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 0.2415D+05  0.2454D+05  0.2522D+05  0.2615D+05  0.2674D+05  0.2765D+05  0.2904D+05  0.3112D+05  0.3240D+05  0.3283D+05
 0.3343D+05  0.3542D+05  0.3556D+05  0.3694D+05  0.4075D+05  0.4151D+05  0.4338D+05  0.4440D+05  0.4635D+05  0.4838D+05
 0.5030D+05  0.5451D+05  0.5967D+05  0.7107D+05  0.7270D+05  0.8358D+05  0.8642D+05  0.1136D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
 0.6376D-16  0.1416D-14  0.1429D-14  0.2748D-15  0.0         0.1896D-15  0.1870D-15  0.1782D-15  0.5096D-15  0.2076D-14
 0.7641D-14  0.2436D-13  0.1600D-12  0.4067D-10  0.3716D-12  0.1504D-08  0.2744D-10  0.3709D-10  0.1865D-12  0.1772D-07
 0.8904D-09  0.3990D-07  0.1626D-06  0.4011D-06  0.3802D-07  0.5592D-05  0.7631D-08  0.2779D-07  0.1278D-04  0.6807D-06
 0.3335D-05  0.3635D-07  0.1986D-05  0.1335D-05  0.1246D-04  0.6551D-04  0.4720D-04  0.8507D-07  0.2369D-05  0.2327D-05
 0.1995D-04  0.4597D-05  0.3308D-03  0.2868D-05  0.1354D-04  0.7325D-04  0.1796D-04  0.1195D-03  0.2213D-04  0.1661D-04
 0.2373D-01  0.1759D-05  0.1124D-03  0.1110D-01  0.2565D-01  0.1313D-01  0.2739D-01  0.7337D-02

TIME USED IN ITERN STEP    24.50

TIME FOR EIGENVALUE SOLN    17.69


ITERATION NUMBER (*SSPCEB*) =    10


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
 0.8915D+03  0.3371D+04  0.3661D+04  0.3723D+04  0.4652D+04  0.4796D+04  0.4864D+04  0.5104D+04  0.5354D+04  0.6132D+04
 0.6427D+04  0.7764D+04  0.7812D+04  0.8198D+04  0.8741D+04  0.1018D+05  0.1043D+05  0.1085D+05  0.1266D+05  0.1457D+05
 0.1531D+05  0.1629D+05  0.1653D+05  0.1876D+05  0.1901D+05  0.2042D+05  0.2091D+05  0.2234D+05  0.2289D+05  0.2359D+05
 0.2415D+05  0.2454D+05  0.2522D+05  0.2615D+05  0.2674D+05  0.2765D+05  0.2904D+05  0.3112D+05  0.3240D+05  0.3283D+05
 0.3343D+05  0.3542D+05  0.3556D+05  0.3694D+05  0.4075D+05  0.4151D+05  0.4338D+05  0.4440D+05  0.4635D+05  0.4838D+05
 0.4974D+05  0.5451D+05  0.5966D+05  0.6839D+05  0.7157D+05  0.8229D+05  0.8433D+05  0.1120D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
 0.0         0.7081D-15  0.1149D-14  0.3511D-15  0.0         0.3793D-15  0.1870D-15  0.0         0.1699D-15  0.0
 0.4245D-15  0.2343D-15  0.1863D-14  0.5221D-12  0.8012D-14  0.2619D-10  0.5191D-12  0.6786D-12  0.6968D-14  0.9026D-09
 0.5914D-10  0.2965D-08  0.1259D-07  0.3882D-07  0.3636D-08  0.4316D-06  0.8988D-09  0.3928D-08  0.1439D-05  0.1048D-06
 0.4322D-06  0.4272D-08  0.3298D-06  0.2600D-06  0.2508D-05  0.1099D-04  0.9603D-05  0.9754D-08  0.5254D-06  0.3796D-06
 0.3752D-05  0.1194D-05  0.8492D-04  0.6197D-06  0.5820D-05  0.2940D-04  0.4459D-05  0.6362D-04  0.8183D-05  0.5741D-05
 0.1109D-01  0.4632D-06  0.4577D-04  0.3923D-01  0.1583D-01  0.1568D-01  0.2480D-01  0.1400D-01

TIME USED IN ITERN STEP    24.30

TIME FOR EIGENVALUE SOLN    17.51


ITERATION NUMBER (*SSPCEB*) =    11


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
 0.8915D+03  0.3371D+04  0.3661D+04  0.3723D+04  0.4652D+04  0.4796D+04  0.4864D+04  0.5104D+04  0.5354D+04  0.6132D+04
 0.6427D+04  0.7764D+04  0.7812D+04  0.8198D+04  0.8741D+04  0.1018D+05  0.1043D+05  0.1085D+05  0.1266D+05  0.1457D+05
 0.1531D+05  0.1629D+05  0.1653D+05  0.1876D+05  0.1901D+05  0.2042D+05  0.2091D+05  0.2234D+05  0.2289D+05  0.2359D+05
 0.2415D+05  0.2454D+05  0.2522D+05  0.2615D+05  0.2674D+05  0.2765D+05  0.2904D+05  0.3112D+05  0.3240D+05  0.3283D+05
 0.3343D+05  0.3542D+05  0.3556D+05  0.3694D+05  0.4075D+05  0.4151D+05  0.4338D+05  0.4440D+05  0.4635D+05  0.4838D+05
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  0.4944D+05   0.5451D+05   0.5966D+05   0.6442D+05   0.7119D+05   0.8084D+05   0.8313D+05   0.1090D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
  0.1275D-15   0.1349D-15   0.7920D-15   0.1221D-15   0.1955D-15   0.3793D-15   0.1870D-15   0.0          0.1699D-15   0.1483D-15
  0.1415D-15   0.2343D-15   0.1164D-15   0.7100D-14   0.2081D-15   0.4693D-12   0.9851D-14   0.1325D-13   0.1724D-14   0.4511D-10
  0.3503D-11   0.1982D-09   0.8701D-09   0.3439D-08   0.3245D-09   0.3513D-07   0.9922D-10   0.5047D-09   0.1666D-06   0.1491D-07
  0.5718D-07   0.5181D-09   0.5258D-07   0.4649D-07   0.4621D-06   0.1908D-05   0.1978D-05   0.1273D-08   0.1255D-06   0.6263D-07
  0.7318D-06   0.3202D-06   0.2370D-04   0.1395D-06   0.2636D-05   0.1317D-04   0.1170D-05   0.3733D-04   0.3400D-05   0.2059D-05
  0.6155D-02   0.1339D-06   0.2158D-04   0.6164D-01   0.5299D-02   0.1783D-01   0.1448D-01   0.2780D-01

TIME USED IN ITERN STEP    24.24

TIME FOR EIGENVALUE SOLN    17.43


ITERATION NUMBER (*SSPCEB*) =    12


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
  0.8915D+03   0.3371D+04   0.3661D+04   0.3723D+04   0.4652D+04   0.4796D+04   0.4864D+04   0.5104D+04   0.5354D+04   0.6132D+04
  0.6427D+04   0.7764D+04   0.7812D+04   0.8198D+04   0.8741D+04   0.1018D+05   0.1043D+05   0.1085D+05   0.1266D+05   0.1457D+05
  0.1531D+05   0.1629D+05   0.1653D+05   0.1876D+05   0.1901D+05   0.2042D+05   0.2091D+05   0.2234D+05   0.2289D+05   0.2359D+05
  0.2415D+05   0.2454D+05   0.2522D+05   0.2615D+05   0.2674D+05   0.2765D+05   0.2904D+05   0.3112D+05   0.3240D+05   0.3283D+05
  0.3343D+05   0.3542D+05   0.3556D+05   0.3694D+05   0.4075D+05   0.4151D+05   0.4338D+05   0.4440D+05   0.4635D+05   0.4838D+05
  0.4926D+05   0.5451D+05   0.5966D+05   0.6111D+05   0.7097D+05   0.7967D+05   0.8240D+05   0.1034D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
  0.0          0.2529D-15   0.6367D-15   0.2901D-15   0.3910D-15   0.3793D-15   0.1870D-15   0.1782D-15   0.1699D-15   0.0
  0.1415D-15   0.3514D-15   0.0          0.5547D-15   0.2081D-15   0.8490D-14   0.8718D-15   0.5870D-15   0.1365D-14   0.1992D-11
  0.1768D-12   0.1132D-10   0.5127D-10   0.2621D-09   0.2517D-10   0.2835D-08   0.9537D-11   0.5565D-10   0.1807D-07   0.1831D-08
  0.7000D-08   0.6162D-10   0.7382D-08   0.7157D-08   0.7372D-07   0.3095D-06   0.3698D-06   0.1824D-09   0.2846D-07   0.1029D-07
  0.1460D-06   0.8693D-07   0.6620D-05   0.3324D-07   0.1111D-05   0.5636D-05   0.3251D-06   0.2051D-04   0.1562D-05   0.8565D-06
  0.3713D-02   0.4197D-07   0.1496D-04   0.5420D-01   0.3139D-02   0.1473D-01   0.8819D-02   0.5420D-01

TIME USED IN ITERN STEP    24.16

TIME FOR EIGENVALUE SOLN    17.39


ITERATION NUMBER (*SSPCEB*) =    13


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
  0.8915D+03   0.3371D+04   0.3661D+04   0.3723D+04   0.4652D+04   0.4796D+04   0.4864D+04   0.5104D+04   0.5354D+04   0.6132D+04
  0.6427D+04   0.7764D+04   0.7812D+04   0.8198D+04   0.8741D+04   0.1018D+05   0.1043D+05   0.1085D+05   0.1266D+05   0.1457D+05
  0.1531D+05   0.1629D+05   0.1653D+05   0.1876D+05   0.1901D+05   0.2042D+05   0.2091D+05   0.2234D+05   0.2289D+05   0.2359D+05
  0.2415D+05   0.2454D+05   0.2522D+05   0.2615D+05   0.2674D+05   0.2765D+05   0.2904D+05   0.3112D+05   0.3240D+05   0.3283D+05
  0.3343D+05   0.3542D+05   0.3556D+05   0.3694D+05   0.4075D+05   0.4151D+05   0.4338D+05   0.4440D+05   0.4635D+05   0.4838D+05
  0.4916D+05   0.5451D+05   0.5966D+05   0.5906D+05   0.7082D+05   0.7878D+05   0.8188D+05   0.9455D+05
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RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
   0.1275D-15   0.5901D-15   0.7609D-15   0.7634D-16   0.0          0.1896D-15   0.1870D-15   0.1782D-15   0.0          0.4449D-15
   0.1415D-15   0.1171D-15   0.0          0.1109D-14   0.3122D-15   0.6256D-15   0.7846D-15   0.5870D-15   0.1221D-14   0.7627D-13
   0.8199D-14   0.5466D-12   0.2554D-11   0.1690D-10   0.1657D-11   0.2150D-09   0.7779D-12   0.5183D-11   0.1736D-08   0.1895D-09
   0.7509D-09   0.6971D-11   0.8801D-09   0.9255D-09   0.9977D-08   0.4394D-07   0.5922D-07   0.2794D-10   0.5672D-08   0.1661D-08
   0.2841D-07   0.2278D-07   0.1744D-05   0.8457D-08   0.4001D-06   0.2062D-05   0.9611D-07   0.9387D-05   0.6891D-06   0.4226D-06
   0.2064D-02   0.1455D-07   0.1027D-01   0.2423D-01   0.2104D-02   0.1128D-01   0.6394D-02   0.9361D-01

CONVERGENCE ACHIEVED IN *EIGSOL*
  NUMBER OF EIGENVALUES =  50
  RELATIVE TOLERANCE    =   0.1000D-04


TIME USED IN ITERN STEP   24.48

TIME FOR EIGENVALUE SOLN   17.71


WE SOLVED FOR THE FOLLOWING EIGENVALUES

 0.89152164148947D+03 0.33714145132752D+04 0.36605902613776D+04 0.37232586184001D+04 0.46523897756605D+04 0.47958281044540D+04

 0.48639994878651D+04 0.51040874589619D+04 0.53540354129676D+04 0.61321465968825D+04 0.64272376004227D+04 0.77644333205338D+04

 0.78117636672309D+04 0.81983533471983D+04 0.87409096770772D+04 0.10177381920309D+05 0.10432610894328D+05 0.10845941524099D+05

 0.12661604569401D+05 0.14571633234617D+05 0.15308361971256D+05 0.16290917020294D+05 0.16534555519850D+05 0.18760162265260D+05

 0.19005092378410D+05 0.20423035409171D+05 0.20908860093592D+05 0.22343050277443D+05 0.22886824391898D+05 0.23587599015401D+05

 0.24145102387731D+05 0.24539825177198D+05 0.25218423743441D+05 0.26151251963247D+05 0.26743785595607D+05 0.27647938819507D+05

 0.29043728240430D+05 0.31120172532068D+05 0.32398789656096D+05 0.32827197342585D+05 0.33427661587400D+05 0.35420417846416D+05

 0.35560766457116D+05 0.36935696226626D+05 0.40748189780154D+05 0.41507014728767D+05 0.43378418036556D+05 0.44396126779606D+05

 0.46351706648361D+05 0.48379359688438D+05

UPPER BOUNDS ON EIGENVALUE CLUSTERS

 0.90043685790436D+03 0.34051286584079D+04 0.37604912045841D+04 0.46989136734171D+04 0.49126394827438D+04 0.51551283335515D+04

 0.54075757670973D+04 0.61934680628514D+04 0.64915099764270D+04 0.78898813039032D+04 0.82803368806703D+04 0.88283187738480D+04

 0.10279155739512D+05 0.10536937003271D+05 0.10954400939340D+05 0.12788220615095D+05 0.14717349566963D+05 0.15461445590969D+05

 0.16699901075048D+05 0.19195143302194D+05 0.20627265763263D+05 0.21117948694528D+05 0.22566480780217D+05 0.23115692635817D+05

 0.23823475005555D+05 0.24785223428970D+05 0.25470607980876D+05 0.26412764482879D+05 0.27011223451564D+05 0.27924418207702D+05

 0.29334165522834D+05 0.31431374257389D+05 0.33761938203274D+05 0.35916374121688D+05 0.37305053188892D+05 0.41922084876055D+05

 0.43812202216922D+05 0.44840088047402D+05 0.46815223714845D+05 0.48883153285322D+05

NO OF EIGENVALUES IN EACH CLUSTER

                 1                    1                    2                    1                    2                    1
```

1	1	1	2	1	1
1	1	1	1	1	1
2	2	1	1	1	1
1	2	1	1	1	1
1	1	3	2	1	2
1	1	1	1		

NO OF EIGENVALUES LESS THAN UPPER BOUNDS

1	2	4	5	7	8
9	10	11	13	14	15
16	17	18	19	20	21
23	25	26	27	28	29
30	32	33	34	35	36
37	38	41	43	44	46
47	48	49	50		

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CHECK APPLIED AT SHIFT  0.48863153285322D+05

WE FOUND THE LOWEST  50 EIGENVALUES

TIME FOR STURM SEQUENCE CHECK    1.37
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PRINT OF FREQUENCIES

MODE NUMBER	CIRCULAR FREQUENCY (RAD/SEC)	FREQUENCY (CYCLES/SEC)	PERIOD (SEC)	TOLERANCE
1	0.2986D+02	0.4752D+01	0.2104D+00	0.1275D-15
2	0.5806D+02	0.9241D+01	0.1082D+00	0.5901D-15
3	0.6050D+02	0.9629D+01	0.1038D+00	0.7609D-15
4	0.6102D+02	0.9711D+01	0.1030D+00	0.7634D-16
5	0.6821D+02	0.1086D+02	0.9212D-01	0.0
6	0.6925D+02	0.1102D+02	0.9073D-01	0.1896D-15
7	0.6974D+02	0.1110D+02	0.9009D-01	0.1870D-15
8	0.7144D+02	0.1137D+02	0.8795D-01	0.1782D-15
9	0.7317D+02	0.1165D+02	0.8587D-01	0.0
10	0.7831D+02	0.1246D+02	0.8024D-01	0.4449D-15
11	0.8017D+02	0.1276D+02	0.7837D-01	0.1415D-15
12	0.8812D+02	0.1402D+02	0.7131D-01	0.1171D-15
13	0.8838D+02	0.1407D+02	0.7109D-01	0.0
14	0.9054D+02	0.1441D+02	0.6939D-01	0.1109D-14
15	0.9349D+02	0.1488D+02	0.6720D-01	0.3122D-15
16	0.1009D+03	0.1606D+02	0.6228D-01	0.6256D-15
17	0.1021D+03	0.1626D+02	0.6152D-01	0.7846D-15
18	0.1041D+03	0.1658D+02	0.6033D-01	0.5870D-15
19	0.1125D+03	0.1791D+02	0.5584D-01	0.1221D-14
20	0.1207D+03	0.1921D+02	0.5205D-01	0.7627D-13
21	0.1237D+03	0.1969D+02	0.5078D-01	0.8199D-14
22	0.1276D+03	0.2031D+02	0.4923D-01	0.5466D-12
23	0.1286D+03	0.2047D+02	0.4886D-01	0.2554D-11
24	0.1370D+03	0.2180D+02	0.4587D-01	0.1690D-10
25	0.1379D+03	0.2194D+02	0.4558D-01	0.1657D-11
26	0.1429D+03	0.2274D+02	0.4397D-01	0.2150D-09
27	0.1446D+03	0.2301D+02	0.4345D-01	0.7779D-12

28	0.1495D+03	0.2379D+02	0.4203D-01	0.5183D-11
29	0.1513D+03	0.2408D+02	0.4153D-01	0.1736D-08
30	0.1536D+03	0.2444D+02	0.4091D-01	0.1895D-09
31	0.1554D+03	0.2473D+02	0.4044D-01	0.7509D-09
32	0.1567D+03	0.2493D+02	0.4011D-01	0.6971D-11
33	0.1588D+03	0.2527D+02	0.3957D-01	0.8801D-09
34	0.1617D+03	0.2574D+02	0.3885D-01	0.9255D-09
35	0.1635D+03	0.2603D+02	0.3842D-01	0.9977D-08
36	0.1663D+03	0.2646D+02	0.3779D-01	0.4394D-07
37	0.1704D+03	0.2712D+02	0.3687D-01	0.5922D-07
38	0.1764D+03	0.2808D+02	0.3562D-01	0.2794D-10
39	0.1800D+03	0.2865D+02	0.3491D-01	0.5672D-08
40	0.1812D+03	0.2884D+02	0.3468D-01	0.1661D-08
41	0.1828D+03	0.2910D+02	0.3437D-01	0.2841D-07
42	0.1882D+03	0.2995D+02	0.3339D-01	0.2278D-07
43	0.1886D+03	0.3001D+02	0.3332D-01	0.1744D-05
44	0.1922D+03	0.3059D+02	0.3269D-01	0.8457D-08
45	0.2019D+03	0.3213D+02	0.3113D-01	0.4001D-06
46	0.2037D+03	0.3243D+02	0.3084D-01	0.2062D-05
47	0.2083D+03	0.3315D+02	0.3017D-01	0.9611D-07
48	0.2107D+03	0.3353D+02	0.2982D-01	0.9387D-05
49	0.2153D+03	0.3427D+02	0.2918D-01	0.6891D-06
50	0.2200D+03	0.3501D+02	0.2857D-01	0.4226D-06

REQUIRED BLANK COMMON FOR THIS STEP= 78850

PRINT OF EIGENVECTORS

M O D A L A N A L Y S I S

MODE NUMBER 1
FREQUENCY= 4.75210 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	3.39018D-03	2.09245D-04	-9.67216D-04	-2.08563D-05	-3.30142D-05	-8.25664D-05
3	4.46543D-03	1.73162D-04	-1.27896D-03	-1.26437D-05	3.49145D-05	-9.90209D-05
4	6.33294D-03	1.73780D-04	-1.51606D-03	-5.34661D-06	5.59831D-05	-1.05058D-04
5	7.79195D-03	-2.90105D-04	-1.42250D-03	6.72564D-05	6.03517D-05	-1.01327D-04
6	7.28999D-03	-4.55422D-04	-2.84477D-03	1.34225D-04	9.75617D-05	-5.18408D-05
7	4.85212D-03	1.14286D-03	-7.40714D-03	2.15270D-04	8.90006D-05	-7.44299D-05
8	4.72852D-03	8.00097D-03	-8.69593D-03	3.29398D-04	-1.11610D-04	-2.54842D-04
9	2.45289D-02	2.90798D-03	1.08176D-02	3.18065D-04	-2.94034D-04	-5.58445D-04
10	2.70519D-02	-3.38367D-08	1.33077D-02	2.78822D-04	-1.30779D-04	-5.05914D-04
11	1.06467D-02	-1.65149D-03	8.63022D-03	4.31173D-05	1.67966D-04	-1.23358D-04
12	1.52804D-03	-8.37998D-08	8.56446D-03	9.19477D-06	8.83179D-05	-4.31361D-05
13	7.64122D-04	1.34657D-04	8.51710D-03	-9.93819D-06	-3.79211D-05	2.35331D-06
14	7.32257D-04	-4.16551D-05	1.26033D-03	-1.59021D-06	-2.01717D-05	-2.08287D-06
15	8.48625D-04	-1.30474D-04	1.25146D-03	-9.71985D-07	5.56384D-06	-3.54688D-06
16	7.72096D-04	-6.56188D-05	1.25365D-03	-9.40020D-07	-3.48948D-06	-4.28194D-06
17	7.53326D-04	3.22397D-04	6.70207D-04	-1.35719D-06	-9.34183D-06	-3.02479D-06
18	6.78418D-04	3.64913D-04	5.06985D-04	-1.17173D-06	-1.20108D-05	-1.42449D-06
19	5.28012D-04	3.90776D-04	3.60159D-04	-1.23521D-06	-1.17122D-05	-3.72433D-07
20	4.57670D-04	3.87327D-04	2.11672D-04	-7.00014D-07	-7.71683D-06	1.82190D-06
21	4.46608D-04	1.75328D-04	-3.58664D-05	9.06466D-08	-1.85606D-06	6.39527D-06
22	2.33042D-04	-6.40146D-06	-1.69384D-05	7.00845D-07	1.68643D-06	9.09528D-06
23	3.08165D-11	-1.73649D-12	-1.97861D-12	1.03456D-10	3.58666D-10	1.28183D-09
25	-4.66529D-05	-1.11362D-05	-1.46067D-05	-2.76244D-07	7.48985D-07	4.99475D-07
26	-7.69541D-05	-8.96529D-06	-1.61789D-05	3.04497D-07	6.15414D-07	8.57640D-07
27	-8.66895D-05	-8.98529D-06	-1.26831D-05	3.18029D-07	5.50707D-07	8.59013D-07
28	-1.00421D-04	-4.57525D-07	-7.63305D-06	6.67402D-07	-6.17629D-08	6.03446D-08
29	-1.00471D-04	-9.70757D-08	-6.68851D-06	6.65713D-07	-9.66454D-08	2.55570D-08
30	-1.01514D-04	2.97528D-07	-3.48361D-05	8.42110D-07	1.94027D-07	-2.59732D-08
31	2.40916D-04	1.60225D-06	6.49366D-04	1.10424D-06	-6.36365D-07	-8.86458D-07
32	2.38055D-04	-4.32656D-06	6.47514D-04	2.24196D-07	5.40781D-07	-9.29713D-07
33	1.61399D-04	-8.33130D-06	6.72576D-04	-3.31345D-07	5.83872D-06	-9.67823D-07
34	-4.07249D-04	5.23802D-05	1.25137D-03	-6.02086D-07	2.55865D-06	-1.52981D-06
35	-3.87830D-04	5.26252D-05	1.25399D-03	-6.65755D-07	-5.13645D-06	-1.60409D-06
36	8.52687D-03	-2.44768D-03	-3.51748D-03	1.22148D-04	8.76094D-05	-2.45444D-05
37	8.76321D-03	-3.14683D-03	-3.13789D-03	5.59681D-05	4.66564D-05	7.11696D-05
38	9.09194D-04	-3.13129D-03	-2.73485D-04	-4.14793D-06	5.02727D-06	9.21930D-06
39	9.01544D-04	-8.19495D-04	-2.60649D-04	-2.28694D-05	-3.71031D-06	-5.39596D-05
40	3.70016D-04	-2.72956D-04	-7.90402D-05	-2.61638D-05	-4.91868D-06	-5.53226D-05
41	-1.38217D-05	-2.73021D-04	1.05491D-04	-2.64327D-05	-5.29347D-06	-5.36511D-05
42	-3.43403D-04	-5.26978D-04	3.53141D-04	-2.88882D-05	-1.22150D-05	-3.98113D-05
43	-1.42140D-04	-1.00325D-03	3.53169D-04	-2.88903D-05	-1.19466D-05	-3.51165D-05
44	-5.06760D-05	-1.00846D-03	2.76064D-04	-3.27901D-05	-6.13832D-06	-2.38601D-05
45	-4.73053D-05	9.46231D-04	1.37245D-04	-2.53528D-05	1.82687D-06	1.09108D-07
46	-4.78524D-05	9.34499D-04	1.41459D-04	-2.53684D-05	1.33826D-06	1.15081D-06
47	8.21170D-07	3.33221D-05	-1.79564D-06	-2.38679D-06	1.57160D-07	-2.08985D-06
48	3.69944D-07	3.66441D-05	-1.00436D-06	-2.34368D-06	6.25778D-08	-1.97695D-06
49	1.36047D-06	2.21330D-05	-1.57595D-06	-6.95627D-07	-5.20203D-08	-1.13320D-06
50	3.23665D-06	1.01238D-05	-1.34935D-06	-2.69044D-07	-6.94123D-08	-7.27269D-07
51	3.52712D-06	5.94334D-06	-1.02079D-06	-2.70994D-07	-6.29428D-08	-6.82895D-07

52	1.21078D-08	-7.68827D-09	-2.15074D-08	-3.93758D-10	-1.44218D-08	-1.46538D-08
53	-2.71227D-14	-6.41769D-14	-3.26671D-14	-1.09687D-13	-1.24983D-12	-1.59664D-12
54	-2.07115D-05	-9.66320D-08	9.92459D-06	-2.97378D-07	-9.24157D-07	-9.43227D-07
55	1.17090D-05	-2.23321D-05	1.98222D-05	-4.90038D-07	-9.79872D-07	-8.94629D-07
56	2.22724D-05	-2.57512D-05	1.45109D-05	-9.59802D-07	-8.29199D-07	-7.26651D-07
57	4.79903D-05	-2.18957D-07	-6.91450D-05	-2.53350D-06	-1.13364D-07	-7.69551D-07
58	3.52349D-05	2.39347D-06	-4.63641D-05	-2.55528D-06	1.37258D-07	-1.95165D-06
59	1.88865D-06	4.00404D-06	-5.38540D-06	-2.55907D-06	1.75339D-07	-2.23615D-06
60	4.01324D-02	2.89635D-03	1.81683D-02	3.28968D-04	-9.79154D-04	-7.47998D-04
61	8.60188D-02	1.83810D-03	3.58927D-02	5.95512D-04	-3.00571D-03	-1.64066D-03
62	3.36623D-01	6.51128D-04	1.37089D-01	4.51709D-04	-2.97061D-03	-8.93868D-04
63	3.58969D-01	-1.24085D-03	1.64613D-01	7.11631D-04	-1.17707D-03	-1.19120D-04
64	3.59143D-01	3.10075D-03	2.19035D-01	4.61763D-04	-3.20292D-04	9.76550D-05
65	3.62252D-01	2.14800D-03	2.15395D-01	-2.23461D-04	8.25686D-04	-3.75275D-04
66	3.74231D-01	2.19939D-03	2.08278D-01	-2.23598D-04	1.16587D-03	-3.98685D-04
67	3.56514D-01	1.89235D-05	1.93494D-01	-1.00627D-04	2.10638D-03	1.39958D-04
68	3.36422D-02	3.82501D-03	6.74210D-03	-3.14037D-05	1.74297D-03	7.26574D-05
69	2.38440D-02	3.57194D-03	3.78966D-03	-7.03230D-05	8.67694D-04	5.51120D-05
70	9.17469D-04	2.60278D-04	3.69631D-03	-9.93454D-05	2.52510D-04	1.46932D-05
71	9.28142D-04	4.68359D-04	-8.32582D-04	-1.08994D-04	1.81653D-04	-3.39060D-06
72	7.80975D-04	4.22184D-04	-4.74592D-04	-7.89055D-05	1.77331D-04	-1.81744D-05
73	-1.56776D-03	4.21915D-04	5.02994D-03	-2.64933D-05	1.20025D-04	-1.95120D-05
74	-1.25760D-03	2.75376D-04	3.61667D-03	-2.27691D-05	6.96262D-05	-1.33520D-05
76	8.95142D-04	-5.63774D-05	7.61169D-03	-1.29348D-04	3.62588D-05	7.61525D-06
77	8.77109D-04	-2.30085D-04	6.96617D-03	-1.58641D-04	-4.94356D-05	9.34763D-06
78	1.22247D-04	-7.68979D-04	4.71530D-04	-1.47405D-04	-1.76445D-04	3.75205D-05
79	-8.82574D-04	-7.10628D-04	-9.22159D-04	6.22106D-05	-5.69492D-05	-1.74838D-05
80	-3.53389D-05	-5.78081D-05	-1.75053D-06	6.15928D-06	-5.08331D-06	6.64046D-07
82	-1.51313D-04	-5.85462D-05	-1.41046D-03	9.73649D-05	-2.42929D-05	-1.06367D-05
83	-1.33812D-04	3.11162D-06	-1.63627D-03	5.08180D-05	-4.73710D-05	-1.37481D-05
84	1.50101D-04	2.91312D-05	-8.37577D-04	2.37126D-05	-4.50250D-05	-9.05234D-06
85	1.78136D-04	6.48031D-06	-6.55073D-04	-3.58128D-06	-4.15941D-05	-7.16600D-06
86	3.70143D-06	5.63965D-06	-7.12499D-06	-9.42290D-06	-2.03429D-06	-2.11029D-06
87	3.19744D-06	-2.18079D-06	4.94734D-07	-4.90828D-06	-1.25321D-07	-1.61266D-06
88	2.76593D-06	4.42142D-06	3.23617D-07	-1.46731D-07	-1.94664D-07	-1.52632D-06
90	1.05394D-06	1.05011D-05	-3.68128D-06	-5.35384D-06	1.47655D-06	-1.25864D-06
91	-2.67063D-06	9.04915D-07	-8.21296D-07	-5.66932D-07	-4.41243D-08	-1.32181D-06
93	6.26891D-04	4.44059D-05	-1.87032D-04	-5.13023D-06	-3.20499D-05	-2.72069D-05
94	2.61295D-03	1.70189D-04	-7.47208D-04	-1.55267D-05	-4.19349D-05	-6.64730D-05
95	7.79824D-03	-6.24786D-04	-1.89374D-03	1.17387D-04	9.33844D-05	-4.98117D-05
96	8.06101D-03	-1.71428D-03	-3.26296D-03	1.26215D-04	9.09139D-05	-3.48308D-05
97	6.76528D-03	-2.23976D-04	-3.82680D-03	1.52141D-04	9.99831D-05	-5.52957D-05
98	6.34847D-03	1.64313D-08	-4.60639D-03	1.66194D-04	1.00284D-04	-5.79925D-05
99	9.95007D-03	3.97722D-03	-3.59968D-03	3.37734D-04	-2.29565D-04	-3.59095D-04
100	1.51767D-02	7.88063D-03	1.69554D-03	3.34668D-04	-2.87968D-04	-4.32442D-04
101	2.21243D-02	4.60878D-03	8.47224D-03	3.23694D-04	-3.02262D-04	-5.24603D-04
102	2.63160D-02	1.11134D-03	1.25845D-02	2.94771D-04	-1.90203D-04	-5.25652D-04
103	3.11838D-02	2.90264D-03	1.41693D-02	3.28856D-04	-6.09345D-04	-6.76176D-04
104	9.26981D-03	-1.33974D-03	8.61352D-03	3.22240D-05	1.50569D-04	-9.77672D-05
105	6.20831D-03	-7.28470D-04	8.59873D-03	2.62686D-05	1.37785D-04	-8.31934D-05
106	8.45794D-03	-9.17733D-04	9.01716D-03	2.71856D-05	1.37707D-04	-8.40614D-05
107	3.45409D-03	-2.53272D-04	8.58251D-03	1.91739D-05	1.20466D-04	-6.68541D-05
108	7.62307D-04	8.13641D-05	8.13947D-03	-9.36688D-06	-4.54698D-05	4.73641D-06
109	9.75854D-04	2.30697D-05	8.14014D-03	-6.38293D-06	-1.78652D-05	2.79561D-06
110	1.01191D-03	5.92072D-06	8.14043D-03	-4.43935D-06	-7.73922D-06	1.96384D-06
111	1.01123D-03	-7.60766D-06	8.14087D-03	-5.46273D-07	6.19865D-06	6.46872D-07
112	9.49088D-04	-2.58788D-06	8.14122D-03	2.69093D-06	1.33046D-05	-2.01613D-07
113	9.60589D-04	1.75892D-05	8.47981D-03	1.58025D-05	1.40199D-05	-1.68837D-06
114	8.51500D-04	6.87521D-06	8.14125D-03	9.36379D-07	1.79275D-05	-1.94108D-07
115	7.98898D-04	7.23536D-06	8.14126D-03	-6.52575D-08	2.05118D-05	-1.87670D-07

116	7.23230D-04	4.53838D-06	8.14129D-03	-9.02868D-07	2.25984D-05	-1.79392D-07
117	6.42861D-04	6.06553D-10	8.14129D-03	-1.15613D-06	2.32939D-05	-1.79392D-07
118	7.23014D-04	4.53835D-06	8.14677D-03	-3.05385D-06	2.25459D-05	-3.66524D-09
119	4.65256D-04	-8.81507D-06	8.14130D-03	-1.15616D-06	2.32923D-05	-1.79392D-07
120	7.23691D-04	4.53827D-06	8.17173D-03	-5.74181D-06	2.24384D-05	2.15482D-07
121	6.67107D-04	-1.04708D-05	8.19482D-03	-5.89217D-06	2.24305D-05	2.27712D-07
122	7.60140D-04	8.76466D-08	7.60236D-03	-8.66865D-06	-5.05227D-05	5.15800D-06
123	7.56015D-04	-7.94019D-05	6.59114D-03	-7.34201D-06	-5.39127D-05	3.35893D-06
124	7.45555D-04	-1.45274D-04	3.98608D-03	-3.99050D-06	-4.99758D-05	-2.80766D-07
125	7.43369D-04	-1.38856D-04	3.49287D-03	-3.29227D-06	-4.68618D-05	-8.75065D-07
126	7.39818D-04	-1.12673D-04	2.54833D-03	-2.42645D-06	-4.14443D-05	-1.50201D-06
127	8.75748D-04	-1.17606D-04	2.49047D-03	-2.17417D-06	-4.14518D-05	-1.59107D-06
128	7.36127D-04	-7.63097D-05	1.73892D-03	-2.07375D-06	-3.37445D-05	-1.83294D-06
129	7.34762D-04	-6.45816D-05	1.54393D-03	-1.90309D-06	-2.92630D-05	-1.94199D-06
130	5.18915D-04	-2.41468D-05	1.25952D-03	-1.49220D-06	-1.82664D-05	-2.00440D-06
131	9.01989D-04	-5.80418D-05	1.25906D-03	-1.43210D-06	-1.29196D-05	-2.29476D-06
132	7.69093D-04	1.32873D-09	1.18179D-03	-1.00709D-06	-4.63110D-06	-4.41715D-06
133	4.54557D-04	3.52036D-04	1.08951D-04	-4.77210D-07	-5.87050D-06	2.93584D-06
134	2.33179D-04	-1.35141D-09	1.25827D-03	-1.23493D-06	-1.49519D-05	-1.88314D-06
135	3.21035D-05	1.63925D-05	1.25715D-03	-9.51476D-07	-1.18037D-05	-1.77614D-06
136	-1.88401D-04	3.39133D-05	1.25593D-03	-7.17695D-07	-9.15139D-06	-1.68769D-06
137	-1.58249D-04	3.75313D-05	1.22566D-03	-5.93271D-07	-9.14493D-06	-1.67182D-06
138	-3.52644D-04	4.85617D-05	1.25452D-03	-6.81637D-07	-6.46123D-06	-1.63151D-06
139	-2.27401D-04	2.57164D-05	1.06767D-03	-4.86405D-07	8.05345D-06	-1.32375D-06
140	6.72516D-05	9.33205D-10	7.68572D-04	-3.94735D-07	7.59622D-06	-1.05035D-06
141	1.26463D-04	-5.00273D-06	7.08246D-04	-3.63387D-07	6.57365D-06	-9.91386D-07
142	8.34367D-05	-9.76575D-06	6.65270D-04	6.35667D-07	1.04873D-05	-1.18797D-06
143	5.94233D-05	-1.05714D-05	6.41278D-04	1.07012D-06	1.19340D-05	-1.26583D-06
144	1.55331D-05	-1.02769D-05	5.97421D-04	1.76595D-06	1.39410D-05	-1.38134D-06
145	-4.61844D-05	-7.84140D-06	5.35729D-04	2.22121D-06	1.49793D-05	-1.44881D-06
146	-2.52739D-05	-4.40426D-06	6.14224D-04	3.16807D-06	1.49833D-05	-1.40982D-06
147	-1.11683D-04	-4.65830D-06	4.70217D-04	2.20306D-06	1.56992D-05	-1.46559D-06
148	-1.41431D-04	-3.31892D-06	4.40470D-04	2.19197D-06	1.61017D-05	-1.47550D-06
149	-1.80560D-04	-1.64546D-06	4.01343D-04	2.18172D-06	1.64268D-05	-1.48424D-06
150	-2.20206D-04	7.63724D-12	3.61697D-04	2.17948D-06	1.65354D-05	-1.48648D-06
151	-1.84542D-04	-1.64547D-06	3.95749D-04	2.09005D-06	1.64203D-05	-1.54400D-06
152	-3.09366D-04	3.73673D-06	2.72538D-04	2.17949D-06	1.65355D-05	-1.48647D-06
153	-1.93080D-04	-1.64547D-06	3.84878D-04	1.97578D-06	1.64068D-05	-1.61896D-06
154	-2.29195D-04	-1.01379D-06	3.47393D-04	1.96940D-06	1.64058D-05	-1.62317D-06
155	2.38756D-04	-1.13049D-09	6.48128D-04	3.59664D-07	3.87054D-07	-9.24538D-07
156	2.47047D-04	6.71622D-06	6.56033D-04	9.34348D-07	5.50544D-08	-9.14455D-07
157	2.46779D-04	5.51012D-06	6.55593D-04	1.09271D-06	-1.61642D-07	-9.34440D-07
158	2.72287D-04	2.13485D-06	6.87033D-04	1.16257D-06	-1.64151D-07	-9.62119D-07
159	2.42499D-04	2.33215D-06	6.51165D-04	1.10364D-06	-4.11653D-07	-9.04538D-07
160	2.35442D-04	2.89983D-10	6.43355D-04	1.09517D-06	-1.09415D-06	-8.59447D-07
161	1.23065D-04	-3.25554D-06	4.94860D-04	9.95460D-07	-3.83685D-06	-6.82679D-07
162	-3.96187D-05	-3.79497D-11	1.80555D-04	9.34481D-07	-3.89773D-06	-4.07930D-07
163	-6.09160D-05	3.40642D-07	1.23183D-04	9.27294D-07	-3.32978D-06	-3.47289D-07
164	-7.19500D-05	4.60375D-07	8.97905D-05	9.21662D-07	-2.87185D-06	-3.07735D-07
165	-9.96403D-05	1.19697D-07	-1.95967D-05	8.83761D-07	-8.79584D-07	-1.30210D-07
166	9.84859D-04	-3.13156D-03	-2.46087D-04	-3.46077D-06	5.47869D-06	1.19483D-05
167	8.17579D-04	-3.13443D-03	-3.13195D-04	-4.15311D-06	5.02717D-06	9.20669D-06
168	9.16858D-04	-3.18180D-03	-2.35836D-04	-4.91293D-06	4.66049D-06	6.17215D-06
169	9.23144D-04	-3.06741D-03	-1.96219D-04	-1.11132D-05	1.93968D-06	-1.77906D-05
170	9.11769D-04	-1.50619D-03	-2.21766D-04	-2.15086D-05	-2.81131D-06	-5.22788D-05
171	7.38881D-04	-1.50620D-03	-1.50510D-04	-2.15198D-05	-2.81131D-06	-5.21396D-05
172	5.98850D-04	-1.50621D-03	-9.26537D-05	-2.15269D-05	-2.81131D-06	-5.20643D-05
173	3.32055D-04	-1.50622D-03	1.76753D-05	-2.15280D-05	-2.81131D-06	-5.20557D-05
174	-1.93223D-05	-1.50622D-03	1.62999D-04	-2.15300D-05	-2.81131D-06	-5.20559D-05
175	9.06939D-04	-1.16237D-03	-2.39890D-04	-2.22534D-05	-3.30139D-06	-5.34219D-05

176	2.02467D-04	-2.72984D-04	-3.18121D-10	-2.62917D-05	-5.07931D-06	-5.46760D-05
-177	-4.97709D-05	8.92862D-11	4.70488D-05	-3.07773D-05	-2.65169D-06	-1.49632D-05
178	-4.85270D-05	7.54221D-04	6.56825D-11	-2.80300D-05	1.16623D-06	-6.15349D-06
179	-4.81854D-05	1.38991D-10	1.49145D-04	-1.85941D-05	-9.58848D-07	1.08494D-06
180	-1.15500D-06	-2.45008D-04	3.15274D-06	-8.95166D-06	-7.54449D-07	-4.22128D-06
181	9.61539D-07	-2.28925D-04	-3.14559D-06	-8.27355D-06	-5.79917D-07	-4.35312D-06
182	2.69496D-06	-1.85415D-05	-8.07756D-06	-2.68515D-06	1.81515D-07	-2.38725D-06
183	2.32739D-06	-8.15537D-06	-6.85074D-06	-2.62720D-06	1.79675D-07	-2.32232D-06
184	1.81283D-05	4.04179D-06	-2.46007D-05	-2.55913D-06	1.59047D-07	-2.10003D-06
185	1.46103D-06	1.56227D-05	-3.94850D-06	-2.49316D-06	1.70762D-07	-2.17615D-06
186	-6.49760D-07	1.04824D-05	5.04783D-08	-1.56019D-06	-1.00678D-08	-1.57159D-06
187	-5.44398D-07	9.46511D-06	-2.24583D-08	-1.43240D-06	-1.41872D-08	-1.53878D-06
188	-4.15728D-07	9.26116D-06	-1.19309D-07	-1.30735D-06	-1.82970D-08	-1.51260D-06
189	3.38483D-06	8.03100D-06	-1.18358D-06	-2.69594D-07	-6.66282D-08	-7.04750D-07
190	-1.01225D-04	2.40978D-11	-3.10864D-10	7.86327D-07	3.33728D-07	8.88534D-09
191	-1.00551D-04	8.71136D-11	-4.54504D-06	6.77335D-07	-1.32870D-07	8.34942D-09
192	-1.00521D-04	-2.95592D-09	-5.41381D-06	6.73018D-07	-1.21318D-07	1.19321D-08
193	-9.99901D-05	-9.70430D-08	-8.71943D-07	5.76823D-07	-1.62288D-07	-1.22208D-07
194	-3.41028D-05	-9.00760D-06	-1.02312D-05	-2.73159D-07	7.30677D-07	3.90110D-07
195	-8.30054D-06	-2.50123D-06	-2.45238D-06	-1.72319D-07	4.50647D-07	1.54368D-07
196	-2.73248D-05	-9.66391D-08	1.19803D-05	-2.89532D-07	-9.15867D-07	-9.43970D-07
197	-1.09503D-05	-3.07068D-07	7.05429D-06	-2.97252D-07	-9.24151D-07	-9.43031D-07
198	-1.33841D-05	-4.75308D-06	1.21636D-05	-3.07043D-07	-9.30760D-07	-9.40764D-07
199	2.44330D-05	-2.21367D-05	7.47069D-06	-1.03458D-06	-8.00884D-07	-7.22774D-07
200	2.84882D-05	-1.56098D-05	-5.74734D-06	-1.18481D-06	-7.33555D-07	-7.12859D-07
201	2.61697D-05	-1.56098D-05	-1.77835D-06	-1.20936D-06	-7.10466D-07	-6.91598D-07
202	2.47529D-05	-1.56098D-05	7.30144D-07	-1.22075D-06	-6.96084D-07	-6.84984D-07
203	2.28053D-05	-1.44301D-05	3.08068D-06	-1.24115D-06	-6.60688D-07	-6.91523D-07
204	2.42755D-05	-1.20627D-05	-1.72215D-06	-1.26315D-06	-6.39361D-07	-7.12347D-07
205	2.55350D-05	-9.93141D-06	-5.83659D-06	-1.28401D-06	-6.39811D-07	-7.24940D-07
206	3.22727D-05	-9.93104D-06	-1.80789D-05	-1.33972D-06	-6.59213D-07	-6.99525D-07
207	3.87896D-05	-1.82491D-06	-3.92966D-05	-1.66746D-06	-4.93230D-07	-6.56320D-07
208	4.78072D-05	-7.52676D-11	-6.85567D-05	-2.49959D-06	-1.25849D-07	-7.40850D-07
209	1.40047D-01	7.26931D-04	5.77490D-02	5.65161D-04	-3.22408D-03	-1.52555D-03
210	1.67070D-01	3.05138D-04	6.86617D-02	5.63040D-04	-3.23353D-03	-1.51358D-03
211	1.98855D-01	-9.94911D-04	8.32553D-02	5.67037D-04	-3.23353D-03	-1.52313D-03
212	1.94111D-01	-9.14094D-05	7.95814D-02	5.57208D-04	-3.23666D-03	-1.49098D-03
213	3.14495D-01	7.42086D-08	1.28159D-01	4.67046D-04	-3.05159D-03	-9.90124D-04
214	3.51006D-01	-5.21000D-08	1.90308D-01	-9.65747D-05	2.13197D-03	1.40365D-04
215	4.10429D-03	1.15731D-03	3.71851D-03	-9.10235D-05	4.08182D-04	2.42972D-05
216	9.10497D-04	1.33900D-04	5.68962D-03	-1.08721D-04	1.71830D-04	1.18033D-05
217	9.17183D-04	4.00674D-04	1.23444D-03	-9.68701D-05	2.44010D-04	1.33928D-05
218	6.69224D-04	4.22176D-04	-1.76170D-08	-7.53441D-05	1.74143D-04	-1.87532D-05
219	-9.97531D-04	4.22002D-04	4.19725D-03	-3.37368D-05	1.31645D-04	-2.08357D-05
220	-1.03926D-03	4.22000D-04	4.26434D-03	-3.35434D-05	1.31378D-04	-2.08150D-05
221	-1.07161D-03	3.02103D-04	3.55974D-03	-3.35435D-05	1.31377D-04	-2.08149D-05
222	-1.08095D-03	4.21998D-04	4.33103D-03	-3.33539D-05	1.31113D-04	-2.07929D-05
223	-1.40909D-03	4.21938D-04	4.81308D-03	-2.79106D-05	1.22655D-04	-1.98848D-05
224	-1.44890D-03	4.21936D-04	4.86853D-03	-2.77587D-05	1.22390D-04	-1.98500D-05
225	-1.47915D-03	3.08464D-04	4.21124D-03	-2.77588D-05	1.22389D-04	-1.98499D-05
226	-1.48862D-03	4.21934D-04	4.92365D-03	-2.76113D-05	1.22127D-04	-1.98139D-05
227	-5.79546D-04	1.25812D-04	1.66969D-03	-1.48246D-05	5.07650D-05	-9.04923D-06
228	9.00771D-04	4.32611D-09	7.24711D-03	-1.21789D-04	7.92416D-05	8.71862D-06
229	9.34510D-04	-5.64902D-05	8.31701D-03	-9.36784D-05	3.31078D-05	4.86061D-06
230	9.50447D-04	-5.65609D-05	8.64630D-03	-7.24954D-05	3.11307D-05	3.21803D-06
231	2.93628D-08	-7.68323D-04	9.79281D-08	-1.43078D-04	-1.75072D-04	3.66471D-05
232	-1.02989D-03	-7.11903D-04	-1.45592D-03	6.23837D-05	-5.94740D-05	-1.70885D-05
233	-9.95600D-04	-7.11783D-04	-1.33079D-03	6.23838D-05	-5.92443D-05	-1.71279D-05
234	-1.32177D-03	-1.04626D-03	-1.36183D-03	6.23843D-05	-5.92449D-05	-1.71279D-05
235	-9.61227D-04	-7.11662D-04	-1.20567D-03	6.23767D-05	-5.90141D-05	-1.71658D-05

236	1.99114D-10	-5.84525D-05	1.96845D-09	1.04956D-04	-2.20648D-05	-1.11043D-05
237	-1.09799D-05	-5.84700D-05	-1.03646D-04	1.03090D-04	-2.25591D-05	-1.09706D-05
238	-7.62380D-05	-5.84993D-05	-7.14650D-04	1.00824D-04	-2.31968D-05	-1.08198D-05
239	-7.62386D-05	9.66615D-06	-8.60863D-04	1.00824D-04	-2.32049D-05	-1.08199D-05
240	-1.40701D-04	-5.85287D-05	-1.31277D-03	9.88095D-05	-2.38143D-05	-1.07068D-05
241	1.21142D-05	5.71191D-06	-5.32424D-05	-1.20274D-05	-5.43396D-06	-2.09900D-06
242	3.65614D-06	-4.21643D-06	-1.19380D-06	-7.44603D-06	-1.43293D-06	-2.03634D-06
243	3.79297D-06	1.47878D-05	-9.65329D-06	-7.63406D-06	-6.92754D-07	-1.89675D-06
244	2.51241D-06	4.17722D-06	2.72728D-07	6.67896D-08	-1.97623D-07	-1.25288D-06
245	1.26749D-06	2.71358D-06	1.87268D-07	2.34509D-07	-1.79683D-07	-9.00087D-07
246	6.93863D-06	2.71361D-06	1.66482D-06	2.34525D-07	-1.79683D-07	-9.00153D-07
247	2.41917D-07	7.97877D-07	1.01795D-07	2.17434D-07	-1.24386D-07	-5.47132D-07
248	-2.47631D-06	6.44818D-07	-6.92138D-07	-3.38475D-07	-1.12583D-07	-1.08498D-06
249	-1.43934D-06	-3.41511D-07	-4.75238D-07	-1.16757D-07	-1.56932D-07	-7.79426D-07
250	3.47134D-06	-3.41514D-07	-1.21091D-06	-1.16768D-07	-1.56932D-07	-7.79459D-07
251	-3.62543D-07	-3.73088D-07	-2.58328D-07	-2.02298D-08	-1.25921D-07	-4.73786D-07
252	-4.50823D-06	-1.05830D-05	1.48729D-05	-3.73506D-07	-9.62248D-07	-9.23899D-07

M O D A L A N A L Y S I S

MODE NUMBER 2
FREQUENCY= 9.24115 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	3.55687D-03	1.64818D-03	-8.06140D-04	5.72671D-05	-5.26059D-05	-1.32403D-04
3	8.55746D-03	6.09284D-03	4.96583D-03	6.11587D-04	-1.06830D-04	-3.94546D-04
4	1.58833D-02	6.08004D-03	1.63124D-02	6.32717D-04	-1.04273D-04	-4.12688D-04
5	2.29577D-02	5.48126D-03	2.67054D-02	6.55195D-04	-1.07035D-04	-4.79864D-04
6	2.65202D-02	2.23570D-03	3.17271D-02	6.24661D-04	4.79459D-06	-4.74636D-04
7	2.49629D-02	-3.54404D-03	2.88729D-02	5.53448D-04	1.23525D-04	-4.20354D-04
8	9.30089D-03	-4.89566D-03	8.43960D-03	3.83351D-04	2.25655D-04	-2.92509D-04
9	-1.36247D-03	-7.81451D-05	-2.20548D-03	2.06517D-04	3.91401D-05	-1.94012D-04
10	-1.73201D-03	-1.81925D-08	-2.57518D-03	1.73636D-04	2.14465D-05	-1.78042D-04
11	-4.59190D-04	1.20829D-03	-2.33810D-03	-6.55557D-06	-1.38662D-05	-5.25467D-05
12	1.33332D-04	-3.24152D-09	-2.32924D-03	-2.02629D-05	-2.79472D-06	-2.58626D-05
13	6.41495D-05	-1.21721D-04	-2.16603D-03	-2.02044D-05	1.08389D-05	-9.18360D-06
14	6.94874D-05	-4.46782D-05	-1.02029D-03	-2.50898D-06	3.41080D-06	1.70873D-06
15	-9.79080D-05	-4.95343D-05	-1.01518D-03	1.32873D-06	3.01654D-06	1.10766D-07
16	-1.96904D-04	-6.45481D-06	-8.85167D-04	1.71629D-06	7.08081D-06	-3.92507D-07
17	-1.93468D-04	-1.62950D-05	-3.15667D-04	1.35744D-06	5.22212D-06	3.82942D-07
18	-1.61415D-04	-2.98102D-05	-2.39465D-04	1.25958D-06	4.93001D-06	2.82354D-07
19	-1.03909D-04	-4.72433D-05	-1.82690D-04	1.16663D-06	4.54700D-06	1.94318D-07
20	-7.77214D-05	-5.48673D-05	-1.25386D-04	9.44415D-07	3.13727D-06	-1.17354D-07
21	-7.56017D-05	-2.97539D-05	-9.80781D-06	3.68231D-07	1.28682D-06	-9.48296D-07
22	-4.16114D-05	1.37454D-06	3.56794D-06	-1.00429D-07	1.42909D-08	-1.67163D-06
23	-5.96678D-12	5.84970D-13	7.10228D-13	-2.38530D-11	-4.54355D-11	-2.38494D-10
25	-3.39222D-04	-7.29419D-04	-1.01123D-04	-8.62543D-06	4.68949D-06	6.58118D-07
26	-5.28812D-04	-6.01444D-04	2.51800D-04	3.31662D-05	-1.19107D-06	1.01924D-05
27	-6.45859D-04	-6.02547D-04	6.28634D-04	3.47682D-05	-2.16929D-06	1.04730D-05
28	-8.77992D-04	-3.63120D-04	1.81868D-03	5.51778D-05	-1.60540D-05	1.42544D-05
29	-8.78521D-04	-2.07609D-04	1.99867D-03	5.64465D-05	-1.62079D-05	1.51039D-05
30	-8.51453D-04	-2.45043D-04	-6.43891D-04	2.70669D-05	1.28754D-06	-2.03587D-06
31	-1.14494D-03	-3.18164D-06	-9.42407D-04	-3.84643D-06	-4.94934D-06	3.47092D-06
32	-6.31651D-04	3.90684D-06	-4.28639D-04	-1.44563D-06	-7.77362D-06	2.01282D-06
33	-4.11106D-04	-4.42227D-06	-4.31259D-04	3.51098D-07	-7.85933D-06	5.53360D-07
34	1.51229D-04	8.30794D-05	-9.99191D-04	6.21039D-08	-4.40401D-06	-7.27665D-07
35	1.90850D-04	8.17253D-05	-1.02018D-03	-8.47230D-07	-1.09441D-06	-3.09746D-07
36	2.60523D-02	-1.15312D-02	3.20236D-02	7.72300D-04	-7.26660D-05	-5.61860D-04
37	2.94380D-02	-2.09212D-02	4.06652D-02	7.64784D-04	-3.06375D-04	-4.75557D-04
38	4.36850D-02	-2.13148D-02	1.09473D-02	-1.80106D-03	-9.11477D-04	3.96614D-04
39	2.63275D-02	-1.25436D-02	-7.00940D-02	-5.45806D-03	-1.62181D-03	5.08633D-04
40	1.32200D-02	2.27799D-03	-2.43560D-02	-8.04019D-03	-1.48326D-03	-1.95701D-03
41	-9.69928D-04	2.24424D-03	3.31543D-02	-8.36883D-03	-1.63550D-03	-2.11588D-03
42	-1.14308D-02	-9.55494D-02	1.21736D-01	-1.20766D-02	-1.64669D-03	-3.36844D-03
43	1.66209D-02	-2.98207D-01	1.21769D-01	-1.24931D-02	-1.68474D-03	-4.05927D-03
44	2.97942D-02	-3.69314D-01	1.10701D-01	-1.24677D-02	-9.15976D-04	-5.74826D-03
45	3.05251D-02	9.60914D-01	-1.00525D-01	-1.52101D-02	-1.36823D-03	-5.41076D-04
46	3.10383D-02	9.53434D-01	-1.03962D-01	-1.55032D-02	-1.22970D-03	1.60838D-03
47	-1.71751D-03	4.38311D-02	5.16331D-03	-2.06828D-03	-1.09058D-04	-2.50223D-03
48	-1.33850D-03	4.96729D-02	4.54088D-03	-2.26511D-03	-6.97533D-05	-2.05234D-03
49	3.77253D-03	2.14223D-02	3.96444D-05	-7.29601D-04	-2.71658D-05	-1.10144D-03
50	4.16623D-03	9.63812D-03	-2.92399D-05	-2.30386D-04	1.53479D-05	-7.21124D-04
51	4.10867D-03	5.63978D-03	-9.38121D-05	-2.29263D-04	1.98764D-05	-6.80250D-04

52	2.27051D-05	-7.96042D-06	-8.54516D-06	8.34774D-07	-7.98186D-06	-1.49117D-05
53	-1.12282D-11	-6.64486D-11	-1.61049D-11	6.18381D-11	-6.91729D-10	-1.65748D-09
54	-2.63324D-02	-1.84934D-04	1.21979D-02	-1.11633D-05	-1.23136D-03	2.02905D-04
55	1.73464D-02	-1.20543D-03	2.55325D-02	-1.58430D-04	-1.32853D-03	1.15522D-05
56	3.12348D-02	-4.87174D-03	1.88099D-02	-4.75040D-04	-1.00615D-03	-1.03583D-04
57	5.14665D-02	-1.14917D-03	-4.66392D-02	-2.38691D-03	-1.00540D-05	-5.64240D-04
58	3.81363D-02	1.09690D-03	-2.66495D-02	-2.15570D-03	-3.24057D-05	-2.31895D-03
59	-2.44830D-03	2.43159D-03	7.57892D-03	-2.10730D-03	-1.20065D-04	-2.75410D-03
60	3.06532D-03	-8.19668D-05	2.31727D-03	2.00263D-04	4.00571D-05	-2.04129D-04
61	5.54621D-03	5.08083D-04	4.45433D-03	9.17720D-05	7.42931D-05	-2.23077D-04
62	-1.97151D-03	-1.17823D-05	1.42009D-03	5.93257D-05	1.12828D-04	-1.48646D-04
63	-3.05739D-03	-6.99855D-04	-1.75028D-04	9.71961D-05	1.10387D-04	-4.64315D-05
64	-3.07044D-03	-1.74167D-03	-7.84839D-03	7.91251D-05	8.92561D-05	1.10648D-05
65	-3.99622D-03	-1.10619D-03	-7.56314D-03	8.22695D-05	4.74768D-05	8.12359D-05
66	-6.50741D-03	-1.10278D-03	-5.18330D-03	7.57125D-05	2.94437D-05	8.33359D-05
67	-7.58033D-03	-1.05661D-04	-4.31275D-03	2.44364D-05	-2.52243D-05	2.84037D-05
68	-7.94457D-04	7.16835D-04	-3.75542D-04	-1.45883D-05	-4.34490D-05	3.43245D-06
69	-5.53047D-04	6.09845D-04	-3.01752D-04	-1.47736D-05	-2.05877D-05	3.14825D-06
70	-4.26383D-05	6.16828D-05	-2.96659D-04	-1.10348D-05	-4.13188D-06	2.53287D-06
71	-3.42602D-05	1.09849D-04	-1.42406D-04	-9.74903D-06	-3.46057D-06	1.17377D-06
72	-2.73674D-05	1.13857D-04	-2.99157D-05	-4.97938D-06	-1.64045D-06	6.47760D-09
73	-6.87930D-05	1.13659D-04	2.47622D-04	-8.72701D-07	1.02393D-06	-6.21984D-07
74	-7.19313D-05	9.20480D-05	2.07122D-04	9.23773D-07	3.04053D-06	-1.11959D-06
76	-4.18762D-05	-1.33748D-05	-2.91926D-04	-7.68821D-06	2.95465D-06	1.53932D-06
77	-4.12484D-05	-3.81929D-05	-1.63927D-04	-5.10519D-06	5.66029D-06	6.11349D-07
78	-5.76901D-06	-1.54776D-05	-3.23514D-06	6.66683D-07	1.17875D-05	-1.81302D-06
79	5.87225D-05	-1.15877D-05	-6.97118D-06	-1.61655D-08	3.81907D-06	9.85413D-07
80	2.53655D-06	-2.30271D-06	1.24143D-08	1.72797D-07	3.55820D-07	-5.87445D-08
82	4.59922D-07	-1.32303D-05	5.34958D-07	-3.86744D-08	1.10322D-06	5.44863D-08
83	8.46341D-08	-1.12809D-05	-4.15224D-06	-9.79796D-08	7.24899D-07	5.20535D-07
84	-3.74251D-06	-2.60607D-06	-1.48797D-05	-1.35083D-07	5.67837D-07	5.38215D-07
85	-2.66072D-06	-5.81701D-07	-1.57928D-05	-3.66916D-07	3.60994D-07	1.98637D-07
86	1.51904D-07	-5.06372D-07	-1.02877D-07	-1.57376D-07	1.76588D-08	-2.49431D-08
87	1.15709D-07	-4.29133D-07	-4.73862D-08	-1.02558D-07	-2.04263D-08	-6.22196D-09
88	4.69972D-08	-1.74875D-07	-7.28331D-09	-2.19225D-08	-5.43825D-09	-1.39084D-08
90	1.34353D-07	-3.17697D-07	-1.11434D-08	-6.26895D-08	8.69521D-09	-3.79393D-08
91	9.42323D-08	-3.03506D-07	2.66618D-09	1.58006D-08	7.51113D-09	-3.22643D-08
93	5.30504D-04	-2.60692D-04	-9.44772D-05	-1.30348D-05	-2.85320D-05	-3.44603D-05
94	2.52658D-03	3.62581D-04	-5.59183D-04	2.29174D-05	-5.03768D-05	-9.99334D-05
95	2.64720D-02	3.62156D-03	3.16331D-02	6.25496D-04	-1.16671D-05	-4.79022D-04
96	2.63586D-02	-5.86316D-03	3.18404D-02	7.33556D-04	-4.37249D-05	-5.38109D-04
97	2.64388D-02	9.65579D-04	3.15806D-02	6.10382D-04	2.87164D-05	-4.61593D-04
98	2.62834D-02	-2.13864D-08	3.12972D-02	5.98511D-04	4.83384D-05	-4.52615D-04
99	3.03514D-03	-2.33348D-03	2.18541D-03	3.20355D-04	1.57664D-04	-2.49440D-04
100	5.94287D-04	-1.11544D-03	-2.48076D-04	2.77935D-04	1.00598D-04	-2.25654D-04
101	-1.02773D-03	-2.27786D-04	-1.87060D-03	2.25577D-04	5.17900D-05	-2.01530D-04
102	-1.61500D-03	-4.56533D-06	-2.45811D-03	1.86696D-04	2.79982D-05	-1.83978D-04
103	6.47371D-04	-7.99048D-05	-1.07255D-04	2.04830D-04	3.95621D-05	-1.99861D-04
104	-3.46171D-04	1.11476D-03	-2.33640D-03	-1.42063D-05	-1.12252D-05	-4.41169D-05
105	-1.25575D-04	7.70114D-04	-2.33527D-03	-1.81193D-05	-9.18961D-06	-3.93163D-05
106	9.35605D-04	6.81430D-04	-2.82986D-03	-1.92076D-05	-9.09806D-06	-3.96540D-05
107	4.44885D-05	3.66895D-04	-2.33244D-03	-1.95271D-05	-6.75687D-06	-3.38285D-05
108	6.44649D-05	-5.94750D-05	-2.06974D-03	-1.92282D-05	1.11660D-05	-7.42231D-06
109	4.64667D-06	-1.40792D-04	-2.07042D-03	-6.30553D-06	6.39665D-06	-1.07497D-05
110	-1.15198D-05	-1.51607D-04	-2.07070D-03	-2.45583D-06	4.69882D-06	-1.21758D-05
111	-2.75848D-05	-1.49430D-04	-2.07115D-03	1.56571D-06	2.43538D-06	-1.44337D-05
112	-3.82247D-05	-1.34228D-04	-2.07149D-03	2.30241D-06	1.35686D-06	-1.58883D-05
113	4.36195D-04	-1.15743D-04	-2.25321D-03	-1.09101D-05	4.04478D-07	-1.83972D-05
114	-4.49905D-05	-1.03246D-04	-2.07152D-03	6.78675D-06	9.98720D-07	-1.58986D-05
115	-4.71828D-05	-8.00611D-05	-2.07154D-03	9.31534D-06	7.98319D-07	-1.59073D-05

116	-4.93776D-05	-4.23405D-05	-2.07156D-03	1.13873D-05	6.36361D-07	-1.59186D-05
117	-5.12011D-05	-1.58857D-09	-2.07157D-03	1.20518D-05	5.81729D-07	-1.59186D-05
118	-9.15114D-05	-4.23405D-05	-2.10468D-03	1.36186D-05	7.09670D-07	-1.61595D-05
119	-5.56415D-05	9.19009D-05	-2.07158D-03	1.20529D-05	5.82434D-07	-1.59186D-05
120	-1.79333D-04	-4.23406D-05	-2.18676D-03	1.64088D-05	8.59780D-07	-1.64631D-05
121	-2.46428D-04	8.78851D-09	-2.25186D-03	1.65649D-05	8.70898D-07	-1.64802D-05
122	6.48375D-05	1.19327D-08	-1.94910D-03	-1.81394D-05	1.07303D-05	-5.66120D-06
123	6.55431D-05	7.94558D-05	-1.76297D-03	-1.60707D-05	9.14644D-06	-3.06331D-06
124	6.73127D-05	1.02267D-04	-1.39893D-03	-1.08445D-05	6.43480D-06	1.30243D-06
125	6.76790D-05	8.51331D-05	-1.33696D-03	-9.75567D-06	6.05984D-06	1.81339D-06
126	6.82723D-05	4.02318D-05	-1.21458D-03	-8.40554D-06	5.67246D-06	2.17939D-06
127	-2.81990D-06	2.01148D-05	-1.45503D-03	-8.96449D-06	5.67255D-06	2.18048D-06
128	6.88666D-05	-8.55619D-06	-1.09724D-03	-5.91852D-06	5.03552D-06	2.17585D-06
129	6.90860D-05	-2.21731D-05	-1.06702D-03	-4.71516D-06	4.54043D-06	2.05819D-06
130	1.04357D-04	-2.34156D-05	-1.02044D-03	-1.88199D-06	2.91228D-06	1.37324D-06
131	3.78537D-05	-6.63487D-05	-1.01960D-03	-1.63226D-06	2.73546D-06	1.47744D-06
132	-1.96366D-04	-3.45220D-09	-7.72938D-04	1.65860D-06	6.94705D-06	-2.43459D-07
133	-7.71269D-05	-5.21308D-05	-8.23885D-05	7.82050D-07	2.54413D-06	-2.91271D-07
134	1.47319D-04	5.76534D-09	-1.02063D-03	-1.46269D-06	2.12560D-06	8.54760D-07
135	1.74825D-04	2.09812D-05	-1.02077D-03	-1.43225D-06	1.32217D-06	3.97276D-07
136	1.95421D-04	5.08767D-05	-1.02090D-03	-1.49691D-06	4.58974D-07	1.90821D-08
137	1.97765D-04	5.40259D-05	-1.07178D-03	-1.91035D-06	4.38981D-07	-5.82140D-08
138	1.95513D-04	7.63629D-05	-1.02038D-03	-1.03262D-06	-5.56329D-07	-2.01896D-07
139	-2.91031D-05	4.34961D-05	-8.16866D-04	7.08700D-07	-7.22003D-06	-7.72118D-07
140	-2.99183D-04	-1.25929D-10	-5.44297D-04	6.26007D-07	-8.09098D-06	-6.17654D-09
141	-3.66443D-04	-4.06673D-06	-4.76375D-04	4.68132D-07	-7.96732D-06	3.20720D-07
142	-3.22281D-04	-8.17872D-07	-4.32256D-04	-5.03443D-06	-9.98304D-06	5.51608D-06
143	-3.00171D-04	6.14269D-08	-4.10165D-04	-7.40767D-06	-1.09302D-05	7.72674D-06
144	-2.60900D-04	6.92513D-07	-3.70922D-04	-1.11851D-05	-1.25263D-05	1.12087D-05
145	-2.05494D-04	3.63343D-07	-3.15539D-04	-1.36358D-05	-1.36375D-05	1.34351D-05
146	-6.19454D-04	-2.01525D-05	-7.67708D-04	-1.81177D-05	-1.34920D-05	1.70477D-05
147	-1.44973D-04	-1.62667D-07	-2.55005D-04	-1.35802D-05	-1.46212D-05	1.34951D-05
148	-1.17002D-04	-2.22795D-07	-2.27034D-04	-1.35492D-05	-1.51720D-05	1.35298D-05
149	-7.98299D-05	-1.53988D-07	-1.89864D-04	-1.35243D-05	-1.56170D-05	1.35594D-05
150	-4.19505D-05	-2.85154D-11	-1.51985D-04	-1.35159D-05	-1.57651D-05	1.35679D-05
151	-4.40820D-05	-1.53983D-07	-1.54370D-04	-1.35199D-05	-1.56407D-05	1.36670D-05
152	4.30542D-05	2.80373D-07	-6.69807D-05	-1.35159D-05	-1.57649D-05	1.35679D-05
153	2.98134D-05	-1.53973D-07	-8.17101D-05	-1.35174D-05	-1.56892D-05	1.38044D-05
154	1.12620D-04	3.77045D-07	-5.80871D-08	-1.35174D-05	-1.56928D-05	1.38122D-05
155	-6.80617D-04	2.07548D-09	-4.77558D-04	-1.86757D-06	-8.08690D-06	2.34464D-06
156	-9.17694D-04	-6.34808D-06	-7.14455D-04	-3.71486D-06	-7.98649D-06	3.76361D-06
157	-1.03072D-03	-7.42532D-06	-8.29732D-04	-4.27168D-06	-7.08801D-06	4.23534D-06
158	-1.16784D-03	7.36803D-06	-9.42838D-04	-4.63446D-06	-7.09315D-06	4.68466D-06
159	-1.12856D-03	-4.05469D-06	-9.25702D-04	-4.05552D-06	-5.93566D-06	3.83179D-06
160	-1.16924D-03	6.17901D-10	-9.67354D-04	-3.40237D-06	-2.99456D-06	2.73333D-06
161	-1.04994D-03	4.22549D-05	-8.04067D-04	1.35773D-06	6.65989D-06	-1.30252D-06
162	-7.81414D-04	-1.31643D-09	-3.09293D-04	9.70944D-06	3.57951D-06	-1.86720D-06
163	-7.65347D-04	-3.65284D-05	-2.69392D-04	1.16194D-05	9.23170D-07	-1.55784D-06
164	-7.66473D-04	-6.63418D-05	-2.74536D-04	1.29419D-05	-9.56119D-07	-1.39468D-06
165	-8.28782D-04	-2.32964D-04	-5.11824D-04	2.01574D-05	-4.17805D-06	-1.23244D-06
166	4.64028D-02	-2.13089D-02	2.33648D-02	-1.75097D-03	-9.04915D-04	3.80155D-04
167	3.96860D-02	-2.13208D-02	-7.40496D-03	-1.80155D-03	-9.11475D-04	3.93974D-04
168	4.21629D-02	-2.14845D-02	3.80338D-03	-1.87745D-03	-9.18731D-04	4.20932D-04
169	3.95426D-02	-2.20702D-02	-8.40499D-03	-2.61218D-03	-1.02362D-03	5.85917D-04
170	3.01705D-02	-1.82391D-02	-5.21419D-02	-4.73368D-03	-1.44883D-03	6.32689D-04
171	3.23850D-02	-1.82396D-02	-3.64578D-02	-4.73742D-03	-1.44883D-03	6.97017D-04
172	3.43149D-02	-1.82401D-02	-2.37196D-02	-4.74020D-03	-1.44883D-03	7.32849D-04
173	3.80878D-02	-1.82403D-02	5.75642D-04	-4.74075D-03	-1.44883D-03	7.37281D-04
174	4.30740D-02	-1.82404D-02	3.25830D-02	-4.74228D-03	-1.44883D-03	7.39298D-04
175	2.83037D-02	-1.57569D-02	-6.08658D-02	-5.09328D-03	-1.53282D-03	5.82989D-04

176	7.21654D-03	2.26352D-03	1.54992D-08	-8.18326D-03	-1.54851D-03	-2.02329D-03
177	3.00086D-02	1.88651D-07	6.95010D-02	-1.32099D-02	-7.60245D-04	-8.42452D-03
178	3.02815D-02	6.49836D-01	-2.86673D-08	-1.42230D-02	-1.25961D-03	-7.74867D-03
179	4.63735D-02	1.54467D-07	-1.53054D-01	-1.26913D-02	5.83721D-04	4.64950D-03
180	1.32139D-03	-3.95355D-01	-4.42230D-03	-5.72956D-03	8.58469D-04	-3.58888D-03
181	-8.49102D-04	-3.73833D-01	2.77679D-03	-5.19791D-03	6.53827D-04	-4.17217D-03
182	-3.03264D-03	-3.09457D-02	9.51985D-03	-2.12882D-03	-1.33638D-04	-2.99586D-03
183	-2.76126D-03	-1.54441D-02	8.61896D-03	-2.11686D-03	-1.28801D-04	-2.89402D-03
184	1.74317D-02	2.51080D-03	-8.38036D-03	-2.13526D-03	-7.66855D-05	-2.54881D-03
185	-2.15642D-03	1.91076D-02	6.61436D-03	-2.09398D-03	-1.16155D-04	-2.65033D-03
186	1.71187D-03	1.82242D-02	1.80390D-03	-1.67071D-03	-3.78091D-05	-1.47607D-03
187	2.00102D-03	1.55999D-02	1.54273D-03	-1.53943D-03	-3.56018D-05	-1.44587D-03
188	2.26366D-03	1.39751D-02	1.31882D-03	-1.40438D-03	-3.37328D-05	-1.42808D-03
189	4.13975D-03	7.63657D-03	-5.85492D-05	-2.29396D-04	1.73968D-05	-7.00324D-04
190	-8.61311D-04	1.73476D-09	5.61726D-09	3.63577D-05	1.51120D-05	-3.93175D-06
191	-8.77111D-04	6.05499D-09	2.20071D-03	5.45109D-05	-7.56827D-06	1.05415D-05
192	-8.77641D-04	-6.79676D-05	2.14333D-03	5.52298D-05	-1.06927D-05	1.19999D-05
193	-1.31000D-03	-2.05838D-04	2.65082D-03	7.87106D-05	-1.12600D-04	7.13448D-05
194	-2.55913D-04	-5.66917D-04	-7.30125D-05	-9.92822D-06	4.97391D-06	-3.77031D-07
195	-6.64058D-05	-1.54745D-04	-1.80160D-05	-7.47825D-06	3.44094D-06	-1.12422D-06
196	-2.48972D-02	-1.85276D-04	1.22588D-02	-6.67926D-06	-1.21919D-03	2.06697D-04
197	-2.79468D-02	-1.65985D-04	1.22337D-02	-1.03335D-05	-1.23130D-03	2.04801D-04
198	-1.65666D-02	1.81753D-04	1.51820D-02	-1.77029D-05	-1.24153D-03	1.93531D-04
199	3.38382D-02	-5.08814D-03	1.03464D-02	-5.53390D-04	-9.52222D-04	-1.57880D-04
200	3.85540D-02	-4.81047D-03	-4.98639D-03	-7.13056D-04	-8.25286D-04	-2.56806D-04
201	3.77006D-02	-4.81027D-03	-2.60243D-03	-7.25721D-04	-7.94308D-04	-2.60453D-04
202	3.71593D-02	-4.81014D-03	-1.09782D-03	-7.32369D-04	-7.75012D-04	-2.65515D-04
203	3.69324D-02	-4.60737D-03	-9.78672D-04	-7.49050D-04	-7.23770D-04	-2.88233D-04
204	3.85168D-02	-4.13054D-03	-6.16006D-03	-7.79068D-04	-6.76271D-04	-3.02854D-04
205	3.98271D-02	-3.75898D-03	-1.04508D-02	-8.12117D-04	-6.62794D-04	-2.93004D-04
206	4.26646D-02	-3.75796D-03	-1.83414D-02	-8.81100D-04	-6.81222D-04	-3.44550D-04
207	4.85895D-02	-2.94276D-04	-3.75542D-02	-1.24702D-03	-3.62318D-04	-4.79373D-04
208	5.14646D-02	-1.68384D-07	-4.66436D-02	-2.33779D-03	5.87648D-07	-5.44166D-04
209	4.21830D-03	4.40113D-04	3.91918D-03	8.18340D-05	8.56260D-05	-2.18383D-04
210	3.49996D-03	3.82729D-04	3.62933D-03	8.11409D-05	8.73388D-05	-2.17786D-04
211	8.24186D-03	1.95494D-04	5.33060D-03	8.21079D-05	8.73263D-05	-2.19281D-04
212	2.76127D-03	3.21182D-04	3.33101D-03	7.96827D-05	8.91185D-05	-2.15448D-04
213	-1.14303D-03	9.05415D-09	1.75471D-03	6.10690D-05	1.11546D-04	-1.59957D-04
214	-7.51346D-03	-5.34846D-09	-4.27380D-03	2.31249D-05	-2.68360D-05	2.76024D-05
215	-1.03330D-04	1.76413D-04	-2.97876D-04	-1.24977D-05	-8.33166D-06	2.67909D-06
216	-4.24010D-05	3.42936D-05	-3.20454D-04	-9.98896D-06	-1.47973D-06	2.44585D-06
217	-4.26520D-05	8.65303D-05	-2.52804D-04	-1.07864D-05	-4.30519D-06	2.43598D-06
218	-2.75127D-05	1.13853D-04	-1.54616D-09	-4.66449D-06	-1.49335D-06	-4.26570D-08
219	-5.27798D-05	1.13737D-04	2.19097D-04	-1.29084D-06	4.68114D-07	-5.27211D-07
220	-5.38378D-05	1.13735D-04	2.21641D-04	-1.27749D-06	4.80417D-07	-5.29255D-07
221	-5.40738D-05	1.10606D-04	2.19378D-04	-1.27750D-06	4.80094D-07	-5.29095D-07
222	-5.48988D-05	1.13734D-04	2.24155D-04	-1.26463D-06	4.93029D-07	-5.31400D-07
223	-6.39498D-05	1.13681D-04	2.40664D-04	-9.36009D-07	8.95168D-07	-5.99300D-07
224	-6.51504D-05	1.13679D-04	2.42498D-04	-9.28269D-07	9.07780D-07	-6.01420D-07
225	-6.54929D-05	1.10230D-04	2.37825D-04	-9.28280D-07	9.07430D-07	-6.01260D-07
226	-6.63540D-05	1.13677D-04	2.44312D-04	-9.21157D-07	9.20727D-07	-6.03672D-07
227	-3.76162D-05	4.69910D-05	1.08464D-04	7.07842D-07	2.85382D-06	-1.02668D-06
228	-4.20689D-05	2.40780D-09	-3.13502D-04	-8.53133D-06	1.55427D-06	1.93837D-06
229	-3.27888D-05	-1.33681D-05	-2.45846D-04	-6.82781D-06	2.85843D-06	1.32558D-06
230	-2.77594D-05	-1.33638D-05	-2.19634D-04	-6.32794D-06	2.79805D-06	1.20089D-06
231	-1.02187D-09	-1.54339D-05	-3.30325D-09	6.53932D-07	1.16959D-05	-1.77602D-06
232	6.69788D-05	-1.16723D-05	-6.64739D-06	-4.48394D-08	3.98830D-06	9.48979D-07
233	6.50717D-05	-1.16643D-05	-6.73735D-06	-4.23287D-08	3.97298D-06	9.52606D-07
234	8.68980D-05	-1.16734D-05	-5.73299D-06	-4.23110D-08	3.97311D-06	9.52613D-07
235	6.31556D-05	-1.16563D-05	-6.82212D-06	-3.97787D-08	3.95754D-06	9.56105D-07

236	4.33358D-12	-1.32378D-05	3.05265D-11	-2.98619D-08	1.17353D-06	1.38516D-08
237	1.62858D-08	-1.32365D-05	3.59438D-08	-3.38571D-08	1.15844D-06	2.21396D-08
238	1.79776D-07	-1.32344D-05	2.57923D-07	-3.74746D-08	1.13896D-06	3.34828D-08
239	1.79783D-07	-1.34497D-05	7.43578D-06	-3.74746D-08	1.13923D-06	3.39646D-08
240	4.11898D-07	-1.32318D-05	4.92962D-07	-3.86985D-08	1.11883D-06	4.50284D-08
241	2.48628D-07	-5.12852D-07	-8.65888D-07	-2.04127D-07	4.71642D-08	-1.82735D-08
242	1.51843D-07	-5.97260D-07	-1.21314D-07	-1.33670D-07	4.58181D-09	-1.81996D-08
243	1.50658D-07	-3.52006D-07	-4.78633D-08	-1.16780D-07	1.38727D-08	-3.07138D-08
244	4.19422D-08	-1.55462D-07	-6.13881D-09	-1.77271D-08	-4.51674D-09	-1.14189D-08
245	1.83439D-08	-6.56806D-08	-4.21682D-09	-1.24704D-08	-3.29838D-09	-8.20691D-09
246	7.00701D-08	-6.56828D-08	-8.28074D-08	-1.24734D-08	-3.29838D-09	-8.20942D-09
247	2.20015D-09	-6.64636D-09	-2.29216D-09	-7.47362D-09	-2.02728D-09	-4.98870D-09
248	8.52921D-08	-2.77645D-07	2.24823D-09	1.86615D-08	7.21010D-09	-2.64891D-08
249	4.18823D-08	-1.47422D-07	1.54635D-09	1.90802D-08	6.22265D-09	-1.90380D-08
250	1.61874D-07	-1.47427D-07	1.21791D-07	1.90845D-08	6.22265D-09	-1.90438D-08
251	7.46194D-09	-3.15281D-08	8.40559D-10	1.38756D-08	4.20298D-09	-1.15726D-08
252	-4.67919D-03	2.63818D-04	1.88107D-02	-6.58507D-05	-1.29683D-03	1.28197D-04

M O D A L A N A L Y S I S

MODE NUMBER 3
FREQUENCY= 9.62932 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.10027D-04	-3.48357D-04	-6.79828D-05	-6.99116D-06	-1.21040D-06	-5.84482D-06
3	2.44324D-04	-4.22046D-04	-1.36256D-04	-1.53937D-06	6.65290D-06	-7.65986D-06
4	3.90858D-04	-4.22317D-04	-1.60600D-04	3.25646D-07	8.79702D-06	-8.56648D-06
5	5.26631D-04	-4.46380D-04	-7.00238D-05	1.88407D-05	5.28259D-06	-1.13814D-05
6	5.65080D-04	-2.73104D-04	2.58808D-05	3.46694D-05	3.79575D-07	-6.63760D-06
7	5.53966D-04	3.08615D-04	1.33868D-05	2.92253D-05	5.79204D-07	-7.28386D-06
8	4.24917D-04	7.41689D-04	-1.34319D-04	1.40192D-05	1.88412D-06	-1.48052D-05
9	4.24040D-04	1.35917D-04	-1.28605D-04	5.69194D-06	-8.10947D-07	-1.66037D-05
10	4.36156D-04	1.81062D-09	-1.16945D-04	5.24384D-06	-8.82290D-07	-1.51484D-05
11	3.58658D-04	-1.06467D-04	-1.09532D-04	2.05368D-06	3.76676D-06	-4.02584D-06
12	2.39003D-05	-5.06372D-09	-1.09405D-04	1.05449D-06	5.55832D-06	-1.26285D-06
13	-1.00868D-04	1.09907D-05	1.94046D-05	5.05589D-07	6.29556D-06	4.41000D-07
14	-1.01589D-04	1.42636D-05	7.28596D-04	6.23889D-07	1.14542D-06	-1.08183D-07
15	-3.50185D-05	1.89085D-05	7.25112D-04	-2.58369D-07	-2.97432D-06	2.28796D-07
16	5.76049D-05	4.94598D-06	6.12974D-04	-3.38742D-07	-5.73561D-06	3.23678D-07
17	5.74612D-05	-1.10506D-05	1.87330D-04	-2.40389D-07	-3.34365D-06	3.60416D-08
18	3.96928D-05	-9.67752D-06	1.42695D-04	-2.26838D-07	-2.66292D-06	-1.79316D-08
19	1.02652D-05	-6.73576D-06	1.13344D-04	-2.00470D-07	-2.36626D-06	-4.53757D-08
20	-2.95278D-06	-4.67737D-06	8.33413D-05	-1.67162D-07	-1.73244D-06	-6.58241D-08
21	-3.06478D-06	-1.03732D-06	1.17412D-05	-5.15694D-08	-9.72843D-07	-4.29578D-08
22	-9.38987D-08	-7.07524D-07	-1.93818D-06	7.68477D-08	-3.63612D-07	8.20710D-08
23	3.07865D-13	-1.11036D-13	-2.80674D-13	1.19167D-11	-2.26365D-11	9.62998D-12
25	-8.16985D-06	-2.88399D-04	4.29731D-08	-1.76868D-06	8.95107D-08	-2.91079D-06
26	2.38451D-06	-1.69957D-04	2.77016D-04	2.22923D-05	-1.20704D-06	9.44354D-07
27	-8.93793D-06	-1.70483D-04	5.29179D-04	2.32811D-05	-1.24433D-06	1.01222D-06
28	-4.12768D-05	-1.22355D-04	1.23637D-03	3.41653D-05	-4.91878D-06	4.70382D-06
29	-4.13738D-05	-7.04800D-05	1.29019D-03	3.50818D-05	-4.68524D-06	5.25120D-06
30	-3.43285D-05	-1.07254D-04	-5.12215D-04	2.14619D-05	2.30047D-06	-1.32296D-06
31	5.99469D-04	3.83203D-06	9.21005D-04	7.33515D-06	3.42368D-06	-6.71284D-06
32	2.52280D-04	-1.12009D-05	5.70750D-04	2.11212D-06	4.26601D-06	-3.80356D-06
33	1.75369D-04	-6.08035D-06	5.60787D-04	-7.01946D-07	1.85006D-06	-1.82508D-06
34	1.87798D-05	-3.10443D-05	7.19762D-04	-3.21390D-07	1.79129D-06	1.47084D-07
35	-3.50750D-06	-3.29454D-05	7.29840D-04	2.57667D-07	1.26944D-06	7.44514D-08
36	4.88048D-04	-1.29735D-03	6.10730D-05	5.08488D-05	-1.89980D-05	-6.06761D-05
37	4.78369D-04	-1.88054D-03	4.13557D-04	-4.06020D-05	-1.02605D-04	-4.86690D-05
38	1.20821D-04	-2.03477D-03	1.03509D-02	4.01374D-04	-4.77848D-04	1.14675D-04
39	-3.74757D-03	-1.31516D-02	-7.99216D-03	1.00734D-03	4.08164D-04	-2.82821D-04
40	-1.19648D-02	-7.68174D-03	2.34177D-04	6.51445D-05	2.30447D-03	-1.81813D-03
41	-2.54939D-02	-7.70489D-03	-3.39080D-04	2.84706D-05	2.66463D-03	-1.93989D-03
42	-7.70249D-02	-1.58322D-02	3.55281D-03	-1.52984D-03	3.86940D-03	-2.39073D-03
43	-1.41337D-01	-4.32116D-02	3.42516D-03	-1.73871D-03	3.66277D-03	-1.98961D-03
44	-1.60931D-01	-4.86594D-02	1.09428D-02	-2.39861D-03	-9.12639D-04	-1.01438D-03
45	-1.63305D-01	1.63192D-01	5.28724D-01	-2.85020D-03	8.31846D-03	-2.28317D-04
46	-1.66471D-01	1.62168D-01	5.50014D-01	-2.90075D-03	7.74316D-03	1.44520D-04
47	1.35765D-02	1.23835D-02	-3.66872D-02	-4.95120D-04	1.18137D-03	-6.05704D-04
48	9.75461D-03	1.37705D-02	-3.02115D-02	-5.43945D-04	6.38046D-04	-4.84538D-04
49	-1.32686D-02	5.11901D-03	-8.34441D-03	-1.38880D-04	-1.17591D-04	-1.39283D-04
50	-5.59650D-03	1.24551D-03	-6.75026D-03	-1.94073D-04	-4.48596D-04	2.59763D-05
51	-3.75417D-03	6.40987D-04	-4.66864D-03	-2.05229D-04	-4.38954D-04	4.63619D-05

52	-5.96654D-05	-3.27824D-06	-6.72839D-05	-5.55140D-06	-3.32644D-05	4.14130D-06
53	-8.10092D-11	-2.73648D-11	-8.85738D-11	-8.02540D-10	-2.88278D-09	6.28553D-10
54	-1.46506D-02	-6.30975D-05	1.36614D-02	1.31932D-04	-4.40755D-04	1.72296D-04
55	9.33901D-04	5.53670D-03	1.83973D-02	9.70073D-05	-5.11412D-04	1.29176D-04
56	9.18109D-03	5.40854D-03	1.28961D-02	2.02994D-05	-1.04537D-03	1.04130D-04
57	3.82655D-02	1.98872D-04	-8.31630D-02	-3.89132D-04	4.99175D-04	-1.76829D-04
58	3.17800D-02	1.90772D-03	-7.17610D-02	-5.41591D-04	1.08286D-03	-6.58992D-04
59	2.14601D-02	2.25852D-03	-6.31098D-02	-5.13840D-04	1.27467D-03	-6.75733D-04
60	8.14483D-04	1.36001D-04	-4.92561D-06	5.69215D-06	1.82452D-06	-1.83491D-05
61	1.02376D-03	1.05615D-04	4.62179D-05	5.19875D-06	1.15174D-05	-1.76809D-05
62	-1.77668D-04	-1.84691D-06	-4.39394D-04	5.44720D-06	1.71734D-05	-1.37045D-05
63	-3.26735D-04	-7.34428D-05	-6.41994D-04	9.27983D-06	1.16737D-05	-5.78217D-06
64	-3.29469D-04	-2.82516D-04	-1.36985D-03	1.02902D-05	7.69026D-06	4.10493D-07
65	-4.87867D-04	-1.86303D-04	-1.25370D-03	1.31361D-05	1.90019D-06	1.50370D-05
66	-9.57122D-04	-1.86281D-04	-8.63551D-04	1.25066D-05	2.28615D-07	1.55734D-05
67	-1.12284D-03	-1.75301D-05	-7.02143D-04	2.83757D-06	-5.54229D-06	6.99533D-06
68	-6.33322D-05	1.62083D-04	-8.40966D-05	-2.92906D-06	-5.79870D-06	1.49228D-06
69	-3.43596D-05	1.40882D-04	-7.46797D-05	-3.27985D-06	-2.00102D-06	1.25538D-06
70	2.25065D-06	1.39856D-05	-7.32979D-05	-2.80721D-06	-3.56230D-08	6.31411D-07
71	4.02358D-06	2.54412D-05	-4.72364D-05	-2.92810D-06	-7.05346D-07	2.01997D-07
72	3.95453D-06	2.57977D-05	-1.12441D-05	-1.83062D-06	-3.21617D-07	-1.81412D-07
73	-2.82303D-05	2.57794D-05	9.71245D-05	-3.88944D-07	5.48135D-07	-3.26252D-07
74	-2.82154D-05	1.99763D-05	8.12441D-05	2.11873D-07	1.21682D-06	-2.53485D-07
76	2.08726D-06	-2.72973D-06	-5.43853D-05	-2.12225D-06	9.96667D-07	3.23459D-07
77	1.95611D-06	-7.65038D-06	-2.11716D-05	-1.60835D-06	1.37507D-06	1.56375D-07
78	2.59105D-07	-8.85992D-06	6.67152D-07	-2.90578D-07	2.36390D-06	6.22241D-08
79	9.35517D-06	-7.18434D-06	-6.24683D-06	2.32003D-07	6.86241D-07	4.83079D-08
80	4.35253D-07	-1.09938D-06	-3.61607D-09	8.97382D-08	6.60010D-08	-3.11049D-08
82	-1.04894D-06	-2.69963D-06	-2.74316D-06	1.88308D-07	2.83006D-07	-6.73496D-08
83	-1.46853D-06	-2.32187D-06	-4.57165D-06	6.61934D-08	1.14542D-07	7.45195D-08
84	-1.99433D-06	-5.50267D-07	-6.04481D-06	-3.10646D-09	7.16586D-08	1.02279D-07
85	-1.62663D-06	-1.19262D-07	-5.89357D-06	-1.15938D-07	1.58622D-08	6.08387D-08
86	2.13266D-08	-1.03820D-07	-3.48790D-08	-6.21700D-08	7.76433D-10	7.28199D-10
87	1.30653D-08	-4.70402D-08	-8.79424D-09	-3.35627D-08	-4.27539D-09	-3.51394D-09
88	1.47792D-09	1.22690D-08	-1.39494D-09	-2.09773D-09	-4.97997D-10	-6.50423D-09
90	1.38909D-08	-1.06073D-07	-7.20190D-09	-2.53937D-08	3.75979D-09	-1.00134D-08
91	3.56037D-09	-1.10355D-07	-9.55463D-10	5.63643D-09	5.89138D-10	-1.02670D-08
93	4.50152D-05	-4.97227D-05	-1.58578D-05	-3.20908D-06	-2.22318D-06	-1.64249D-06
94	1.72085D-04	-2.44557D-04	-5.54878D-05	-6.27531D-06	-2.29129D-06	-4.50259D-06
95	5.70299D-04	-3.84058D-04	3.67872D-05	3.10684D-05	6.60045D-07	-5.87288D-06
96	5.50295D-04	-8.29424D-04	2.97598D-05	5.15464D-05	-9.11321D-06	-4.34247D-05
97	5.62944D-04	-1.22084D-04	2.35916D-05	3.45051D-05	3.11329D-07	-4.94561D-06
98	5.61398D-04	-2.11395D-08	2.20521D-05	3.36442D-05	3.02504D-07	-4.97091D-06
99	3.80529D-04	6.14457D-04	-1.73236D-04	9.76773D-06	2.74954D-07	-1.65416D-05
100	3.88494D-04	4.53793D-04	-1.61740D-04	7.72436D-06	-8.39209D-07	-1.70151D-05
101	4.15487D-04	2.21940D-04	-1.36556D-04	6.07508D-06	-1.01914D-06	-1.68508D-05
102	4.31357D-04	5.12994D-05	-1.21571D-04	5.38249D-06	-8.77509D-07	-1.57499D-05
103	5.98964D-04	1.35958D-04	-7.16789D-05	5.65378D-06	4.01967D-07	-1.75545D-05
104	3.24829D-04	-9.01282D-05	-1.09529D-04	1.76951D-06	4.42537D-06	-3.31512D-06
105	2.27988D-04	-5.46382D-05	-1.09525D-04	1.58529D-06	4.83068D-06	-2.91037D-06
106	3.09504D-04	-6.15237D-05	-7.89135D-05	1.55233D-06	4.83345D-06	-3.04178D-06
107	1.21761D-04	-2.27193D-05	-1.09470D-04	1.40430D-06	5.19344D-06	-2.23835D-06
108	-1.00919D-04	6.02656D-06	7.00722D-05	5.91587D-07	6.32874D-06	4.89265D-07
109	-1.34807D-04	8.16511D-06	7.00960D-05	1.08653D-07	3.45297D-06	4.93444D-06
110	-1.43325D-04	8.18858D-06	7.01060D-05	-3.28130D-08	2.29388D-06	6.83951D-06
111	-1.49889D-04	7.52535D-06	7.01217D-05	-1.76308D-07	5.50570D-07	9.85588D-06
112	-1.49910D-04	6.26642D-06	7.01339D-05	-1.96772D-07	-4.89445D-07	1.17992D-05
113	-5.30549D-04	-1.68381D-05	7.27114D-05	2.58622D-07	-2.66648D-07	1.51737D-05
114	-1.43597D-04	4.52329D-06	7.01349D-05	-3.43783D-07	-1.36873D-06	1.17998D-05
115	-1.38949D-04	3.44485D-06	7.01356D-05	-4.26790D-07	-1.86050D-06	1.18002D-05

116	-1.31444D-04	1.79832D-06	7.01364D-05	-4.94953D-07	-2.25745D-06	1.18008D-05
117	-1.23046D-04	5.19503D-11	7.01367D-05	-5.16701D-07	-2.38897D-06	1.18008D-05
118	-1.00448D-04	1.79833D-06	7.15566D-05	-5.78518D-07	-2.26247D-06	1.18145D-05
119	-1.04839D-04	-3.94015D-06	7.01370D-05	-5.16755D-07	-2.38753D-06	1.18008D-05
120	-3.68851D-05	1.79833D-06	7.49984D-05	-6.83027D-07	-2.27274D-06	1.18338D-05
121	1.55324D-05	3.68056D-08	7.77063D-05	-6.88874D-07	-2.27350D-06	1.18349D-05
122	-1.00986D-04	4.88026D-09	1.33779D-04	7.04029D-07	6.37278D-06	4.00050D-07
123	-1.01110D-04	-4.54499D-06	2.56267D-04	9.17668D-07	6.27063D-06	1.33990D-07
124	-1.01401D-04	1.08093D-07	5.29008D-04	1.45739D-06	4.57480D-06	-2.05377D-07
125	-1.01457D-04	2.44666D-06	5.72610D-04	1.56983D-06	3.97211D-06	-2.15978D-07
126	-1.01547D-04	7.14459D-06	6.48245D-04	1.70926D-06	3.07974D-06	-1.89311D-07
127	-1.04640D-04	1.16407D-05	7.02161D-04	2.00288D-06	3.08342D-06	-1.45615D-07
128	-1.01569D-04	1.14163D-05	7.01962D-04	1.25148D-06	2.17093D-06	-1.80101D-07
129	-1.01576D-04	1.25561D-05	7.13390D-04	1.02998D-06	1.78535D-06	-1.60757D-07
130	-8.91079D-05	8.29323D-06	7.28886D-04	5.48995D-07	1.11330D-06	-7.42377D-08
131	-1.11158D-04	1.97618D-05	7.28127D-04	4.21969D-07	5.73425D-07	-5.94098D-08
132	5.75864D-05	7.41577D-10	5.23843D-04	-3.22930D-07	-5.50102D-06	2.83017D-07
133	-2.98446D-06	-3.56952D-06	5.88931D-05	-1.34589D-07	-1.48906D-06	-7.01717D-08
134	-7.05890D-05	-3.29911D-10	7.29311D-04	5.24640D-07	1.05138D-06	-2.17765D-08
135	-5.56211D-05	-7.80374D-06	7.29662D-04	5.82956D-07	1.02842D-06	2.45127D-08
136	-3.41494D-05	-2.06086D-05	7.30025D-04	6.92518D-07	1.08567D-06	6.27793D-08
137	-3.44901D-05	-2.23417D-05	7.59167D-04	1.01009D-06	1.10367D-06	7.77368D-08
138	-1.07884D-05	-3.12148D-05	7.29893D-04	3.82679D-07	1.19428D-06	7.06231D-08
139	7.94991D-05	-1.12848D-05	6.58273D-04	-8.46175D-07	2.16599D-06	-2.29083D-07
140	1.51710D-04	3.06316D-09	5.84972D-04	-9.33578D-07	1.89773D-06	-1.16399D-06
141	1.65871D-04	-2.09713D-06	5.70505D-04	-8.20949D-07	1.81692D-06	-1.52952D-06
142	1.49525D-04	-1.13709D-05	5.54324D-04	7.34637D-06	4.89826D-06	-8.55862D-06
143	1.37689D-04	-1.34131D-05	5.42557D-04	1.09135D-05	6.32285D-06	-1.15029D-05
144	1.12578D-04	-1.37001D-05	5.17555D-04	1.66456D-05	8.70036D-06	-1.60829D-05
145	7.22891D-05	-9.62685D-06	4.77352D-04	2.04126D-05	1.03375D-05	-1.89597D-05
146	6.48427D-04	2.14925D-05	1.16622D-03	2.78025D-05	1.01775D-05	-2.30656D-05
147	2.45734D-05	-4.54351D-06	4.29631D-04	2.02196D-05	1.17597D-05	-1.91603D-05
148	1.53956D-06	-2.91018D-06	4.06601D-04	2.01107D-05	1.25556D-05	-1.92755D-05
149	-2.98231D-05	-1.30967D-06	3.75242D-04	2.00214D-05	1.31983D-05	-1.93731D-05
150	-6.22057D-05	9.65974D-11	3.42862D-04	1.99929D-05	1.34114D-05	-1.94015D-05
151	-8.11219D-05	-1.30970D-06	3.22876D-04	1.98917D-05	1.32386D-05	-1.96815D-05
152	-1.34514D-04	3.18921D-06	2.70555D-04	1.99930D-05	1.34101D-05	-1.94015D-05
153	-1.88147D-04	-1.30976D-06	2.16463D-04	1.97335D-05	1.33213D-05	-2.00713D-05
154	-2.91385D-04	-1.96502D-06	1.14654D-04	1.97248D-05	1.33274D-05	-2.00933D-05
155	2.80247D-04	-4.63279D-09	5.99016D-04	2.84684D-06	4.81826D-06	-4.24432D-06
156	4.38481D-04	1.71599D-05	7.58507D-04	6.11835D-06	5.61961D-06	-6.06651D-06
157	5.18950D-04	1.52278D-05	8.41132D-04	7.11032D-06	5.02335D-06	-6.67929D-06
158	7.13926D-04	-7.84572D-06	1.03543D-03	7.54290D-06	5.01537D-06	-6.97761D-06
159	5.88044D-04	5.51417D-06	9.09154D-04	7.23494D-06	4.17054D-06	-6.68907D-06
160	6.15796D-04	8.73360D-10	9.38173D-04	7.52683D-06	1.92246D-06	-6.77869D-06
161	4.91937D-04	9.22686D-06	7.73622D-04	9.57085D-06	-6.66765D-06	-6.64377D-06
162	1.55254D-04	-7.73862D-10	1.34984D-04	1.34148D-05	-9.11218D-06	-4.51721D-06
163	1.02091D-04	-1.66384D-05	-3.01374D-06	1.43114D-05	-8.58258D-06	-3.90180D-06
164	7.05114D-05	-3.07235D-05	-9.41651D-05	1.49292D-05	-8.05342D-06	-3.51428D-06
165	-2.45772D-05	-1.11083D-04	-4.69683D-04	1.82709D-05	-3.56054D-06	-1.97022D-06
166	9.07450D-04	-2.03232D-03	7.59005D-03	3.89237D-04	-4.73778D-04	1.10556D-04
167	-1.06440D-03	-2.10854D-03	1.42044D-02	4.02422D-04	-4.77810D-04	1.14759D-04
168	-6.77800D-04	-3.63847D-03	6.58849D-03	4.17251D-04	-4.80211D-04	1.17332D-04
169	-1.98255D-03	-6.52895D-03	4.21366D-04	5.60010D-04	-4.70797D-04	1.08961D-04
170	-4.26152D-03	-1.29749D-02	-1.03821D-02	9.09549D-04	4.82586D-05	-1.29381D-04
171	-4.70990D-03	-1.29753D-02	-1.34664D-02	9.48480D-04	4.82586D-05	-1.40126D-04
172	-5.09597D-03	-1.29757D-02	-1.60501D-02	9.70255D-04	4.82586D-05	-1.46117D-04
173	-5.84767D-03	-1.29759D-02	-2.10330D-02	9.72974D-04	4.82586D-05	-1.46859D-04
174	-6.84063D-03	-1.29759D-02	-2.76073D-02	9.74378D-04	4.82586D-05	-1.47207D-04
175	-4.11694D-03	-1.32194D-02	-9.71520D-03	9.60116D-04	2.16680D-04	-1.98251D-04

176	-1.75162D-02	-7.69167D-03	-7.06289D-08	5.63567D-05	2.45883D-03	-1.88088D-03
177	-1.61671D-01	7.56510D-08	-7.10277D-02	-2.52083D-03	-1.37749D-03	-1.12192D-03
178	-1.62564D-01	1.02493D-01	2.95990D-07	-2.68764D-03	4.64723D-03	-1.35993D-03
179	-2.78691D-01	2.25150D-08	9.14658D-01	-2.43254D-03	-2.93883D-03	7.80446D-04
180	-7.50988D-03	-7.83227D-02	2.47868D-02	-1.20221D-03	-5.58808D-03	-6.70163D-04
181	6.99318D-03	-7.46202D-02	-2.28699D-02	-1.10156D-03	-4.40227D-03	-7.94731D-04
182	2.72281D-02	-5.79729D-03	-8.24655D-02	-5.17987D-04	1.29042D-03	-7.17448D-04
183	2.46152D-02	-2.08570D-03	-7.36995D-02	-5.15688D-04	1.29004D-03	-7.00001D-04
184	2.66337D-02	2.27440D-03	-6.70538D-02	-5.29997D-04	1.18451D-03	-6.80510D-04
185	1.83335D-02	6.35097D-03	-5.26353D-02	-5.06995D-04	1.25464D-03	-6.47163D-04
186	-1.18109D-02	5.71614D-03	-1.01230D-02	-3.66017D-04	1.71404D-04	-3.06148D-04
187	-1.29711D-02	5.02686D-03	-8.96075D-03	-3.29376D-04	1.35958D-04	-2.93979D-04
188	-1.38427D-02	4.58787D-03	-8.14521D-03	-2.91974D-04	1.02614D-04	-2.85244D-04
189	-4.67223D-03	9.36853D-04	-5.71768D-03	-1.99420D-04	-4.45007D-04	3.63063D-05
190	-3.66168D-05	7.02180D-10	1.60238D-09	2.57690D-05	9.47743D-06	-1.43050D-06
191	-4.09281D-05	2.72421D-09	1.33918D-03	3.41845D-05	-1.07074D-06	3.61859D-06
192	-4.10940D-05	-2.29176D-05	1.32841D-03	3.45178D-05	-2.39390D-06	4.12465D-06
193	-2.12913D-04	-6.99042D-05	1.69026D-03	4.91875D-05	-3.92767D-05	2.98257D-05
194	-6.44908D-06	-2.28994D-04	1.49626D-07	-2.81828D-06	1.01144D-07	-2.78984D-06
195	-1.87854D-06	-6.55649D-05	3.53181D-07	-2.70659D-06	8.11868D-08	-1.67044D-06
196	-1.34455D-02	-6.32089D-05	1.27393D-02	1.31745D-04	-4.36386D-04	1.72115D-04
197	-1.62326D-02	3.90317D-06	1.50452D-02	1.33040D-04	-4.40724D-04	1.73492D-04
198	-1.11530D-02	1.38576D-03	1.47286D-02	1.30434D-04	-4.44188D-04	1.70203D-04
199	1.19923D-02	4.59737D-03	3.66680D-03	1.80046D-06	-1.08539D-03	9.15328D-05
200	1.78161D-02	3.14468D-03	-1.54610D-02	-3.55118D-05	-1.11176D-03	6.73578D-05
201	1.80512D-02	3.14483D-03	-1.53775D-02	-1.76206D-05	-1.11475D-03	7.28281D-05
202	1.82034D-02	3.14492D-03	-1.53504D-02	-1.05091D-05	-1.11661D-03	7.36224D-05
203	1.97994D-02	2.86964D-03	-1.96011D-02	-4.16377D-06	-1.11378D-03	6.83938D-05
204	2.22897D-02	2.35797D-03	-2.77462D-02	-8.94079D-06	-1.07642D-03	6.84221D-05
205	2.43810D-02	1.87067D-03	-3.45870D-02	-1.54156D-05	-1.05433D-03	7.60174D-05
206	2.37407D-02	1.87080D-03	-3.49201D-02	-7.45961D-05	-1.06362D-03	4.31156D-05
207	3.42207D-02	-7.75117D-05	-6.93717D-02	-1.57716D-04	-7.57936D-04	-8.23279D-06
208	3.89973D-02	-3.28347D-08	-8.55281D-02	-3.79956D-04	4.41045D-04	-1.62981D-04
209	8.08848D-04	7.28743D-05	-4.11768D-05	5.46063D-06	1.39596D-05	-1.82092D-05
210	6.91405D-04	5.70899D-05	-8.86594D-05	5.48237D-06	1.42417D-05	-1.82642D-05
211	1.09315D-03	4.17509D-05	1.87219D-05	5.48594D-06	1.42446D-05	-1.84794D-05
212	5.70977D-04	4.15547D-05	-1.37293D-04	5.48072D-06	1.45081D-05	-1.80932D-05
213	-5.03597D-05	-1.05632D-10	-3.88022D-04	5.44638D-06	1.72222D-05	-1.44098D-05
214	-1.10839D-03	-2.45541D-10	-6.93692D-04	2.64600D-06	-5.71614D-06	6.84555D-06
215	4.13481D-07	4.21088D-05	-7.36281D-05	-3.01246D-06	-4.29549D-07	7.79674D-07
216	2.19963D-06	7.55091D-06	-7.10764D-05	-2.59316D-06	3.52581D-07	5.71050D-07
217	2.24595D-06	2.01710D-05	-7.12296D-05	-2.83655D-06	-1.83440D-07	6.02347D-07
218	2.80219D-06	2.57985D-05	-8.15138D-10	-1.72882D-06	-2.73676D-07	-1.97415D-07
219	-1.91931D-05	2.57921D-05	8.46940D-05	-5.43903D-07	3.65534D-07	-3.18342D-07
220	-1.98310D-05	2.57919D-05	8.57687D-05	-5.39013D-07	3.69544D-07	-3.18549D-07
221	-1.99896D-05	2.39532D-05	8.39078D-05	-5.39018D-07	3.69410D-07	-3.18512D-07
222	-2.04689D-05	2.57917D-05	8.68319D-05	-5.34295D-07	3.73682D-07	-3.18770D-07
223	-2.56319D-05	2.57832D-05	9.40185D-05	-4.12772D-07	5.05615D-07	-3.24524D-07
224	-2.62814D-05	2.57829D-05	9.48303D-05	-4.09875D-07	5.09752D-07	-3.24666D-07
225	-2.64704D-05	2.39375D-05	9.21750D-05	-4.09881D-07	5.09605D-07	-3.24630D-07
226	-2.69306D-05	2.57825D-05	9.56343D-05	-4.07205D-07	5.14031D-07	-3.24835D-07
227	-1.46457D-05	1.00065D-05	4.22320D-05	1.58363D-07	1.12060D-06	-2.21903D-07
228	2.12846D-06	5.59701D-10	-6.21174D-05	-2.29482D-06	7.94404D-07	4.21523D-07
229	3.93820D-06	-2.72833D-06	-4.18061D-05	-1.84113D-06	9.59556D-07	2.60254D-07
230	4.89874D-06	-2.72744D-06	-3.48001D-05	-1.67620D-06	9.36270D-07	2.22669D-07
231	2.20067D-10	-8.84131D-06	-4.97474D-10	-2.81886D-07	2.34462D-06	5.71749D-08
232	9.70901D-06	-7.22130D-06	-8.16759D-06	2.21248D-07	7.21815D-07	3.77272D-08
233	9.63278D-06	-7.21784D-06	-7.72356D-06	2.22266D-07	7.18590D-07	3.86958D-08
234	1.35457D-05	-8.43501D-06	-7.60178D-06	2.22281D-07	7.18611D-07	3.86975D-08
235	9.55430D-06	-7.21433D-06	-7.27733D-06	2.23263D-07	7.15344D-07	3.96638D-08

236	2.52050D-12	-2.70118D-06	1.14879D-11	2.07236D-07	3.09750D-07	-8.29106D-08
237	-8.10780D-08	-2.70092D-06	-2.02954D-07	2.02166D-07	3.03929D-07	-7.93977D-08
238	-5.43805D-07	-2.70047D-06	-1.39488D-06	1.96282D-07	2.96418D-07	-7.48932D-08
239	-5.43825D-07	-2.22943D-06	4.72722D-07	1.96282D-07	2.96437D-07	-7.48065D-08
240	-9.80085D-07	-2.69994D-06	-2.55494D-06	1.91510D-07	2.88862D-07	-7.06213D-08
241	3.46790D-09	-1.05149D-07	-3.39958D-07	-8.14455D-08	2.07287D-09	7.46953D-09
242	2.14342D-08	-1.08702D-07	-2.83683D-08	-5.04744D-08	-1.38329D-09	2.38297D-10
243	2.13824D-08	-8.59252D-08	-2.51361D-08	-4.70110D-08	2.19509D-09	-2.32710D-09
244	1.20535D-09	1.21869D-08	-1.17554D-09	-7.34573D-10	-3.19697D-10	-5.33975D-09
245	9.06837D-11	1.00716D-08	-8.07089D-10	4.56042D-10	-1.41333D-10	-3.83733D-09
246	2.42744D-08	1.00720D-08	2.06670D-09	4.56123D-10	-1.41333D-10	-3.83828D-09
247	-2.22195D-10	3.73378D-09	-4.38715D-10	6.72193D-10	-5.07040D-11	-2.33258D-09
248	3.11736D-09	-1.00991D-07	-8.04684D-10	6.72619D-09	4.38179D-10	-8.42892D-09
249	1.13137D-09	-5.37674D-08	-5.51475D-10	6.92513D-09	2.70201D-10	-6.05739D-09
250	3.93067D-08	-5.37693D-08	4.30920D-08	6.92681D-09	2.70201D-10	-6.05892D-09
251	1.12211D-11	-1.15617D-08	-2.99769D-10	5.04967D-09	1.46760D-10	-3.68208D-09
252	-6.90809D-03	3.01747D-03	1.60171D-02	1.19145D-04	-4.59027D-04	1.55530D-04

M O D A L A N A L Y S I S

MODE NUMBER 4
FREQUENCY= 9.71140 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.54338D-03	-1.05252D-03	3.64855D-04	-2.39323D-05	2.91998D-05	1.71866D-05
3	-2.92449D-03	-2.01917D-03	-6.88593D-04	-1.12055D-04	6.80414D-05	6.94184D-05
4	-4.20062D-03	-2.01742D-03	-2.75974D-03	-1.12403D-04	7.33448D-05	7.08337D-05
5	-5.50624D-03	-1.89787D-03	-4.67832D-03	-8.49703D-05	6.99614D-05	7.50845D-05
6	-6.70015D-03	-8.86166D-04	-6.47714D-03	-5.40615D-05	4.89495D-05	7.91015D-05
7	-7.56969D-03	1.42919D-03	-8.09835D-03	-3.03112D-05	1.29659D-05	6.43010D-05
8	-2.82154D-03	4.09729D-03	-2.54061D-03	4.53334D-06	-1.40749D-04	-7.83163D-06
9	1.29914D-02	1.00566D-03	1.32408D-02	2.34660D-05	-1.63754D-04	-9.37967D-05
10	1.49651D-02	-2.65145D-08	1.51995D-02	6.54245D-06	-1.37329D-04	-9.46300D-05
11	1.22655D-02	-4.30200D-03	1.72065D-02	4.36557D-05	2.26988D-04	-8.63021D-06
12	-7.69586D-03	-1.42837D-07	1.71674D-02	6.49346D-05	3.44414D-04	2.95971D-05
13	-1.58986D-02	5.39046D-04	2.59339D-02	9.34620D-05	4.66174D-04	3.25557D-05
14	-1.59834D-02	2.27978D-03	8.96405D-02	9.31909D-05	9.33479D-05	9.16253D-06
15	-4.93542D-03	3.10902D-03	8.92185D-02	-3.59869D-05	-3.93457D-04	4.86776D-05
16	6.88985D-03	8.56232D-04	7.51007D-02	-4.73026D-05	-7.15302D-04	5.69335D-05
17	6.87296D-03	-1.97911D-03	2.24373D-02	-3.40075D-05	-4.09931D-04	6.88248D-06
18	4.70636D-03	-1.79026D-03	1.69862D-02	-3.25171D-05	-3.23815D-04	-3.22276D-06
19	1.13646D-03	-1.35372D-03	1.34259D-02	-2.85682D-05	-2.86526D-04	-8.32673D-06
20	-4.58128D-04	-1.01754D-03	9.81396D-03	-2.38735D-05	-2.07454D-04	-1.29943D-05
21	-4.71369D-04	-2.48597D-04	1.32200D-03	-6.67109D-06	-1.14469D-04	-1.11639D-05
22	-4.67672D-05	-9.57199D-05	-2.60088D-04	1.01277D-05	-4.20299D-05	7.20470D-06
23	3.62644D-11	-1.83505D-11	-3.79710D-11	1.60888D-09	-2.62711D-09	9.32525D-10
25	1.23727D-02	1.43598D-03	3.96828D-03	8.77910D-05	-2.02657D-04	-1.43518D-04
26	2.01568D-02	3.88502D-03	9.69713D-03	2.84109D-04	-2.09184D-04	-1.85350D-04
27	2.22493D-02	3.88342D-03	1.28862D-02	2.89789D-04	-1.96519D-04	-1.86528D-04
28	2.56167D-02	1.31527D-03	2.16967D-02	2.47473D-04	-3.82171D-05	-5.54854D-05
29	2.56225D-02	7.46575D-04	2.20551D-02	2.46994D-04	-2.28560D-05	-4.59969D-05
30	2.55660D-02	6.25598D-04	-2.06792D-02	4.81465D-04	1.58575D-04	-1.63466D-05
31	8.87273D-02	4.28012D-04	1.08631D-01	7.32443D-04	4.73186D-04	-6.68058D-04
32	4.06176D-02	-1.05465D-03	6.02138D-02	2.23226D-04	6.39607D-04	-3.80564D-04
33	2.68567D-02	-3.27747D-04	5.92151D-02	-6.45171D-05	3.86722D-04	-1.62385D-04
34	-1.85941D-03	-5.60459D-03	8.82395D-02	-1.21261D-05	2.85059D-04	7.05795D-05
35	-5.21763D-03	-5.74586D-03	8.97885D-02	5.96571D-05	1.76528D-04	6.06363D-05
36	-6.04379D-03	2.54516D-04	-6.83411D-03	-4.28976D-05	4.75444D-05	5.55540D-05
37	-5.71733D-03	4.57481D-04	-6.93134D-03	3.89402D-05	5.36802D-05	-2.81010D-05
38	-1.39310D-04	4.51073D-04	-3.37697D-04	5.36285D-05	1.88661D-05	-2.67213D-05
39	-6.88496D-05	4.66903D-05	-3.41806D-05	-3.44581D-06	-1.48797D-05	1.98666D-05
40	6.11039D-05	-1.16840D-04	-1.08050D-04	-3.48571D-05	-2.87661D-05	1.73058D-05
41	1.84632D-04	-1.17255D-04	1.57639D-04	-4.05174D-05	-3.41507D-05	1.62208D-05
42	6.44912D-04	-8.37924D-04	7.36918D-04	-9.84465D-05	-4.57792D-05	3.07422D-06
43	1.42027D-03	-2.51980D-03	7.38339D-04	-1.05098D-04	-4.49462D-05	-9.97739D-06
44	1.69092D-03	-3.28463D-03	5.94307D-04	-1.04736D-04	2.55741D-06	-4.06085D-05
45	1.72122D-03	1.12580D-02	-5.59684D-03	-1.61012D-04	-8.69890D-05	-8.10424D-06
46	1.75439D-03	1.11794D-02	-5.81938D-03	-1.65007D-04	-8.09289D-05	1.88864D-05
47	-1.14128D-04	4.76175D-04	2.97413D-04	-3.43389D-05	-8.89536D-06	-3.40619D-05
48	-8.50231D-05	5.43983D-04	2.48484D-04	-3.47669D-05	-4.95135D-06	-3.09618D-05
49	1.39891D-04	3.53330D-04	4.18368D-05	-1.12039D-05	1.44147D-07	-1.85118D-05
50	1.05594D-04	1.70955D-04	3.20594D-05	-3.33108D-06	2.66988D-06	-1.29780D-05
51	9.47208D-05	1.01630D-04	1.97847D-05	-3.25865D-06	2.69585D-06	-1.23947D-05

52	7.48016D-07	-9.78344D-08	1.81244D-07	2.91979D-08	4.17703D-08	-2.94736D-07
53	2.49858D-13	-8.16661D-13	1.93674D-13	3.67669D-12	3.61992D-12	-3.37042D-11
54	1.32615D-03	7.74779D-04	1.10056D-03	-3.03537D-04	4.91856D-05	2.43304D-04
55	1.43957D-06	-6.41169D-03	6.84063D-04	-2.36155D-04	1.98076D-05	1.27076D-04
56	1.71823D-04	-8.58980D-03	4.63757D-04	-8.69787D-05	-4.19804D-05	-2.67524D-05
57	5.28327D-04	-3.69886D-05	-6.37650D-04	-6.13942D-05	9.79817D-06	-1.20074D-05
58	3.43127D-04	-6.02813D-05	-1.40324D-04	-4.23243D-05	-4.75274D-06	-2.90594D-05
59	-1.73740D-04	-3.52957D-05	4.96266D-04	-3.62632D-05	-9.72174D-06	-3.65834D-05
60	1.53426D-02	1.00308D-03	1.43520D-02	6.18432D-05	-7.46659D-05	-1.19768D-04
61	1.67206D-02	1.23123D-03	1.53004D-02	3.94064D-05	2.14335D-04	-1.10932D-04
62	-7.93707D-03	-2.18657D-04	5.36944D-03	2.03794D-05	3.67979D-04	-1.21742D-04
63	-1.12800D-02	-1.40276D-03	6.74298D-04	3.69068D-05	2.95411D-04	-7.25408D-05
64	-1.13400D-02	-4.19981D-03	-1.89004D-02	3.83474D-05	2.20122D-04	1.35006D-05
65	-1.45364D-02	-2.25351D-03	-1.99751D-02	9.53684D-05	8.77098D-05	3.04616D-04
66	-2.40529D-02	-2.25794D-03	-1.71794D-02	8.72024D-05	4.27479D-05	3.16255D-04
67	-2.76380D-02	-2.07130D-04	-1.60649D-02	-9.55584D-06	-1.19318D-04	1.58866D-04
68	-2.46015D-03	2.27208D-03	-1.43319D-03	-4.57977D-05	-1.49068D-04	4.09850D-05
69	-1.65403D-03	1.99385D-03	-1.18297D-03	-4.58029D-05	-6.58365D-05	3.59744D-05
70	-8.68700D-05	3.14856D-04	-1.16049D-03	-3.50203D-05	-1.24865D-05	1.52488D-05
71	-3.49298D-05	6.08199D-04	-5.91678D-04	-3.52357D-05	-1.76056D-05	7.37507D-06
72	1.01917D-05	6.34006D-04	-1.25329D-04	-2.03982D-05	-1.18939D-05	2.27635D-07
73	-2.33321D-04	6.33221D-04	9.77045D-04	-3.04702D-06	1.38135D-06	-3.78957D-06
74	-2.87037D-04	5.08313D-04	8.27875D-04	5.07134D-06	1.17238D-05	-6.25105D-06
76	-8.65903D-05	-6.40155D-05	-1.08958D-03	-2.40754D-05	1.18598D-05	7.45469D-06
77	-8.63220D-05	-1.77826D-04	-6.05615D-04	-1.55746D-05	2.11405D-05	3.10113D-06
78	-1.13496D-05	-1.28245D-04	-1.12139D-05	2.33505D-06	4.10881D-05	-3.75437D-06
79	1.91388D-04	-9.87535D-05	-6.87846D-05	1.03671D-06	1.28825D-05	2.55569D-06
80	8.50244D-06	-1.80215D-05	4.89967D-08	1.38777D-06	1.21674D-06	-3.15310D-07
82	-1.00605D-05	-6.31736D-05	2.23985D-05	-1.54520D-06	4.85734D-06	-5.73420D-07
83	-1.46864D-05	-5.68197D-05	6.42014D-06	-8.96302D-07	3.52234D-06	2.51560D-06
84	-3.36289D-05	-1.47237D-05	-4.67200D-05	-6.84015D-07	2.84099D-06	2.73931D-06
85	-2.68156D-05	-3.27002D-06	-5.33348D-05	-1.34874D-06	1.94601D-06	1.30521D-06
86	4.84773D-07	-2.84668D-06	-3.10910D-07	-4.88402D-07	9.51937D-08	2.56262D-08
87	3.52241D-07	-1.77053D-06	-1.87776D-07	-3.37722D-07	-7.64094D-08	3.96839D-08
88	1.04334D-07	-7.95608D-07	-3.34532D-08	-8.65424D-08	-1.53874D-08	-1.29242D-08
90	4.52704D-07	-2.42833D-06	7.65512D-09	-1.13562D-07	1.31673D-08	-1.38610D-07
91	3.58969D-07	-1.89404D-06	2.01926D-08	1.25549D-07	2.65590D-08	-1.16110D-07
93	-1.82931D-04	-6.04263D-05	3.32120D-05	-4.07696D-06	1.08221D-05	4.58559D-06
94	-1.02130D-03	-5.95041D-04	2.34597D-04	-1.64747D-05	2.43317D-05	1.30470D-05
95	-6.42671D-03	-1.37044D-03	-5.96903D-03	-6.08897D-05	5.16372D-05	8.17868D-05
96	-6.29708D-03	-1.52175D-04	-6.69580D-03	-4.69927D-05	4.83291D-05	6.45878D-05
97	-6.95353D-03	-3.91521D-04	-6.94808D-03	-4.84735D-05	4.43562D-05	7.69771D-05
98	-7.13210D-03	-1.61466D-09	-7.28020D-03	-4.43266D-05	3.95058D-05	7.48793D-05
99	2.51439D-03	3.56972D-03	2.78177D-03	1.09813D-05	-2.02025D-04	-4.17928D-05
100	6.79109D-03	2.80533D-03	7.04997D-03	1.52248D-05	-2.18649D-04	-6.27732D-05
101	1.15759D-02	1.53475D-03	1.18277D-02	2.11040D-05	-1.87010D-04	-8.60327D-05
102	1.42387D-02	4.17939D-04	1.44789D-02	1.31481D-05	-1.48640D-04	-9.42812D-05
103	1.40036D-02	1.00449D-03	1.36471D-02	4.54055D-05	-1.22753D-04	-1.05799D-04
104	1.02297D-02	-3.89522D-03	1.72026D-02	5.82907D-05	2.63928D-04	9.99824D-07
105	4.46770D-03	-2.58514D-03	1.71998D-02	6.79486D-05	2.86244D-04	6.48406D-06
106	4.34818D-03	-2.57693D-03	1.85953D-02	7.58467D-05	2.85580D-04	4.54516D-06
107	-1.79965D-03	-1.17819D-03	1.71847D-02	6.64453D-05	3.10244D-04	1.59119D-05
108	-1.59054D-02	2.56350D-04	2.96871D-02	1.03489D-04	4.83993D-04	2.74099D-05
109	-1.83253D-02	5.93385D-04	2.96983D-02	2.06497D-05	2.13351D-04	5.66274D-04
110	-1.87917D-02	6.04585D-04	2.97031D-02	5.58306D-06	1.01785D-04	7.97215D-04
111	-1.88573D-02	5.82128D-04	2.97105D-02	6.81231D-06	-6.91818D-05	1.16287D-03
112	-1.81171D-02	6.49143D-04	2.97163D-02	3.00258D-05	-1.74122D-04	1.39846D-03
113	-6.32285D-02	-1.83778D-03	3.43869D-02	2.51364D-04	-1.36967D-04	1.80742D-03
114	-1.67061D-02	6.36730D-04	2.97168D-02	-2.03387D-05	-2.69507D-04	1.39858D-03
115	-1.58842D-02	5.23055D-04	2.97171D-02	-4.88251D-05	-3.22861D-04	1.39868D-03

116	-1.46615D-02	2.87588D-04	2.97174D-02	-7.22874D-05	-3.65932D-04	1.39881D-03
117	-1.33420D-02	1.77335D-08	2.97176D-02	-7.97001D-05	-3.80204D-04	1.39881D-03
118	-1.09855D-02	2.87587D-04	2.99568D-02	-1.06541D-04	-3.66932D-04	1.40176D-03
119	-1.04439D-02	-6.07753D-04	2.97177D-02	-7.97086D-05	-3.80058D-04	1.39881D-03
120	-3.43862D-03	2.87584D-04	3.06656D-02	-1.49379D-04	-3.68978D-04	1.40572D-03
121	3.04208D-03	-9.98895D-05	3.12614D-02	-1.51778D-04	-3.69130D-04	1.40596D-03
122	-1.59140D-02	2.13198D-07	3.46040D-02	1.16997D-04	5.13359D-04	1.41853D-05
123	-1.59298D-02	3.08818D-05	4.50540D-02	1.42662D-04	5.51024D-04	-1.00734D-05
124	-1.59660D-02	1.31490D-03	7.06722D-02	2.07499D-04	4.43707D-04	-2.71956D-05
125	-1.59730D-02	1.59536D-03	7.49445D-02	2.21007D-04	3.86382D-04	-2.28116D-05
126	-1.59839D-02	2.02047D-03	8.23220D-02	2.37757D-04	2.94871D-04	-1.21582D-05
127	-1.65192D-02	2.64102D-03	8.97483D-02	2.75971D-04	2.95461D-04	-5.14185D-06
128	-1.59839D-02	2.25885D-03	8.73402D-02	1.76783D-04	1.98914D-04	-6.11975D-06
129	-1.59838D-02	2.29536D-03	8.83615D-02	1.47280D-04	1.58860D-04	-1.43793D-06
130	-1.49068D-02	1.35806D-03	8.96759D-02	8.59300D-05	9.88900D-05	1.89169D-05
131	-1.66541D-02	3.10582D-03	8.95838D-02	6.37012D-05	2.58655D-05	1.48818D-05
132	6.88769D-03	1.09568D-07	6.40160D-02	-4.51652D-05	-6.83874D-04	4.95158D-05
133	-4.61878D-04	-7.98022D-04	6.89664D-03	-1.90259D-05	-1.77317D-04	-1.42545D-05
134	-1.31492D-02	-6.03139D-08	8.97276D-02	8.67729D-05	1.03567D-04	3.39918D-05
135	-1.16378D-02	-1.32526D-03	8.97702D-02	9.74256D-05	1.11991D-04	4.72932D-05
136	-9.20029D-03	-3.46996D-03	8.98143D-02	1.13094D-04	1.31649D-04	5.82892D-05
137	-1.06759D-02	-3.81483D-03	9.41711D-02	1.53188D-04	1.33758D-04	6.29200D-05
138	-6.21337D-03	-5.36321D-03	8.97959D-02	7.50597D-05	1.59898D-04	5.98665D-05
139	8.27027D-03	-2.38610D-03	7.90091D-02	-7.72910D-05	3.77335D-04	2.63761D-05
140	2.16721D-02	2.86465D-07	6.44672D-02	-8.88173D-05	3.86134D-04	-8.61974D-05
141	2.47640D-02	-2.31783D-05	6.13361D-02	-7.66203D-05	3.81888D-04	-1.29095D-04
142	2.22153D-02	-8.47713D-04	5.88026D-02	8.68874D-04	6.68540D-04	-9.78820D-04
143	2.06620D-02	-1.03627D-03	5.72558D-02	1.28042D-03	8.08613D-04	-1.33650D-03
144	1.75635D-02	-1.07799D-03	5.41674D-02	1.94003D-03	1.05084D-03	-1.89510D-03
145	1.27562D-02	-7.38696D-04	4.93679D-02	2.37203D-03	1.22477D-03	-2.24796D-03
146	8.18123D-02	2.86066D-03	1.28903D-01	3.20296D-03	1.20396D-03	-2.77488D-03
147	7.13838D-03	-3.19607D-04	4.37494D-02	2.35307D-03	1.38023D-03	-2.26792D-03
148	4.44467D-03	-1.94478D-04	4.10560D-02	2.34243D-03	1.46723D-03	-2.27942D-03
149	7.90306D-04	-8.28849D-05	3.74021D-02	2.33378D-03	1.53748D-03	-2.28918D-03
150	-2.97552D-03	9.57528D-09	3.36364D-02	2.33096D-03	1.56077D-03	-2.29201D-03
151	-5.26517D-03	-8.28876D-05	3.12881D-02	2.32550D-03	1.54285D-03	-2.32138D-03
152	-1.13907D-02	2.10049D-04	2.52214D-02	2.33096D-03	1.56064D-03	-2.29200D-03
153	-1.78719D-02	-8.28929D-05	1.88202D-02	2.31563D-03	1.55385D-03	-2.36214D-03
154	-2.99958D-02	-1.71144D-04	6.88849D-03	2.31510D-03	1.55466D-03	-2.36444D-03
155	4.47662D-02	-4.66898D-07	6.43889D-02	2.98418D-04	6.99953D-04	-4.29093D-04
156	6.67737D-02	1.62695D-03	8.65088D-02	6.33030D-04	7.67502D-04	-6.30597D-04
157	7.77194D-02	1.50914D-03	9.77247D-02	7.34528D-04	6.85025D-04	-6.97983D-04
158	9.86495D-02	-9.12597D-04	1.17680D-01	7.84534D-04	6.84544D-04	-7.39906D-04
159	8.71579D-02	5.96158D-04	1.07009D-01	7.34219D-04	5.71565D-04	-6.81604D-04
160	9.10139D-02	4.08744D-08	1.11022D-01	7.27134D-04	2.76614D-04	-6.41635D-04
161	7.66696D-02	-9.37527D-04	9.18578D-02	6.75315D-04	-7.88200D-04	-4.55852D-04
162	3.91320D-02	-9.26570D-09	2.13030D-02	6.12795D-04	-8.86724D-04	-2.57079D-04
163	3.41125D-02	1.14016D-04	8.37303D-03	6.00215D-04	-7.51569D-04	-2.20345D-04
164	3.14902D-02	1.64183D-04	8.97892D-04	5.91088D-04	-6.42899D-04	-1.96235D-04
165	2.56217D-02	2.23087D-04	-2.22865D-02	5.36770D-04	-1.48243D-04	-8.56953D-05
166	-3.32689D-04	4.51185D-04	-7.15791D-04	5.42159D-05	1.92437D-05	-2.82035D-05
167	1.29531D-04	4.56752D-04	2.05731D-04	5.36436D-05	1.88668D-05	-2.67322D-05
168	-1.07907D-04	5.63862D-04	-1.90852D-04	5.25270D-05	1.84521D-05	-2.49219D-05
169	-6.32522D-05	6.50814D-04	1.34435D-05	4.16630D-05	1.25279D-05	-1.01372D-05
170	-4.15444D-05	2.70064D-04	9.95223D-05	8.43959D-06	-7.92659D-06	1.60126D-05
171	1.19875D-05	2.70074D-04	7.15812D-05	8.43450D-06	-7.92659D-06	1.62832D-05
172	5.59960D-05	2.70081D-04	4.89122D-05	8.43305D-06	-7.92659D-06	1.64362D-05
173	1.40305D-04	2.70085D-04	5.69282D-06	8.43328D-06	-7.92659D-06	1.64557D-05
174	2.51443D-04	2.70086D-04	-5.12445D-05	8.43593D-06	-7.92659D-06	1.64687D-05
175	-5.30229D-05	1.59858D-04	4.28666D-05	2.55033D-06	-1.13888D-05	1.81929D-05

176	1.14030D-04	-1.17018D-04	1.61615D-09	-3.73356D-05	-3.10738D-05	1.70154D-05
177	1.70016D-03	2.60901D-09	1.09970D-03	-1.19967D-04	8.15318D-06	-8.68806D-05
178	1.71153D-03	7.39177D-03	-2.94561D-09	-1.40755D-04	-5.14484D-05	-9.32596D-05
179	2.91952D-03	1.78374D-09	-9.59490D-03	-1.42874D-04	3.16155D-05	5.99140D-05
180	8.48519D-05	-5.00807D-03	-2.80841D-04	-7.00825D-05	5.59510D-05	-4.34986D-05
181	-5.81900D-05	-4.74549D-03	1.90296D-04	-6.43578D-05	4.29943D-05	-5.15133D-05
182	-2.19002D-04	-4.40963D-04	6.49293D-04	-3.62059D-05	-1.03855D-05	-3.96636D-05
183	-1.98197D-04	-2.52126D-04	5.79005D-04	-3.62020D-05	-1.01654D-05	-3.83698D-05
184	8.20397D-05	-3.43640D-05	2.09509D-04	-3.94614D-05	-7.32956D-06	-3.25566D-05
185	-1.49998D-04	1.68142D-04	4.17103D-04	-3.55310D-05	-9.49027D-06	-3.55558D-05
186	9.37351D-05	1.76679D-04	8.42792D-05	-2.42872D-05	-1.65234D-06	-2.43427D-05
187	1.05541D-04	1.59358D-04	7.30154D-05	-2.24226D-05	-1.41269D-06	-2.38824D-05
188	1.15224D-04	1.54388D-04	6.43565D-05	-2.05646D-05	-1.19164D-06	-2.35470D-05
189	1.00180D-04	1.36310D-04	2.60173D-05	-3.28988D-06	2.68579D-06	-1.26821D-05
190	2.56265D-02	6.66397D-09	-6.32652D-08	4.07317D-04	2.52835D-04	1.75385D-05
191	2.56309D-02	1.70261D-08	2.22518D-02	2.62441D-04	5.12725D-06	-3.62250D-05
192	2.56280D-02	2.57072D-04	2.22373D-02	2.56704D-04	-5.85067D-06	-4.02363D-05
193	2.57575D-02	7.48877D-04	2.38865D-02	1.47629D-04	-1.71413D-05	1.57556D-05
194	9.00767D-03	9.28126D-04	2.77720D-03	6.79035D-05	-1.95639D-04	-1.17404D-04
195	2.17354D-03	1.30187D-04	6.74677D-04	2.64670D-05	-1.18989D-04	-5.23086D-05
196	3.04411D-03	7.74375D-04	3.24103D-03	-3.06274D-04	4.84639D-05	2.46273D-04
197	-1.12577D-03	6.92597D-04	-1.94230D-03	-3.03681D-04	4.91903D-05	2.43389D-04
198	9.31923D-04	-1.02071D-03	9.79201D-04	-2.99257D-04	4.92309D-05	2.37717D-04
199	2.87697D-04	-8.45664D-03	8.79731D-05	-7.80114D-05	-4.04980D-05	-5.15058D-05
200	4.78836D-04	-7.56519D-03	-5.31158D-04	-6.34923D-05	-3.15074D-05	-8.98334D-05
201	1.59563D-04	-7.56530D-03	-3.28338D-04	-5.96610D-05	-3.08377D-05	-1.00879D-04
202	-5.38749D-05	-7.56536D-03	-2.07142D-04	-5.83014D-05	-3.04206D-05	-1.04593D-04
203	-4.43489D-04	-7.22918D-03	-8.99932D-05	-5.77640D-05	-2.91305D-05	-1.04317D-04
204	-3.80149D-04	-6.59394D-03	-2.99979D-04	-5.73475D-05	-2.73542D-05	-1.03716D-04
205	-3.28568D-04	-6.04038D-03	-4.70985D-04	-5.78153D-05	-2.55733D-05	-1.00479D-04
206	6.26345D-04	-6.03990D-03	-1.00677D-03	-5.37784D-05	-2.23809D-05	-1.12227D-04
207	7.79696D-04	-2.42756D-03	-1.49540D-03	-5.22442D-05	-4.73747D-06	-9.77475D-05
208	5.43720D-04	-8.76042D-10	-6.89635D-04	-6.20880D-05	1.06010D-05	-1.23831D-05
209	1.25199D-02	1.07453D-03	1.36152D-02	4.51647D-05	2.79688D-04	-1.38228D-04
210	1.01581D-02	9.82687D-04	1.26631D-02	4.59678D-05	2.86581D-04	-1.40885D-04
211	1.33325D-02	8.61937D-04	1.34990D-02	4.86711D-05	2.86525D-04	-1.43551D-04
212	7.72908D-03	8.83144D-04	1.16827D-02	4.43596D-05	2.93074D-04	-1.40428D-04
213	-5.21706D-03	-1.00815D-09	6.46616D-03	2.22065D-05	3.66459D-04	-1.25548D-04
214	-2.73260D-02	2.45363D-09	-1.58831D-02	-1.12193D-05	-1.23911D-04	1.56158D-04
215	-2.66004D-04	6.70933D-04	-1.16586D-03	-3.87113D-05	-2.51894D-05	2.01734D-05
216	-8.67845D-05	1.67204D-04	-1.22519D-03	-3.16000D-05	-3.37574D-06	1.32388D-05
217	-8.69274D-05	4.64898D-04	-1.01631D-03	-3.52522D-05	-1.40379D-05	1.47115D-05
218	1.04570D-05	6.34008D-04	-9.83596D-09	-1.91310D-05	-1.11605D-05	-8.08175D-08
219	-1.35414D-04	6.33609D-04	8.74978D-04	-4.79398D-06	-1.38171D-06	-3.19995D-06
220	-1.41840D-04	6.33604D-04	8.84406D-04	-4.73756D-06	-1.32038D-06	-3.21360D-06
221	-1.42403D-04	6.15225D-04	8.92868D-04	-4.73759D-06	-1.32183D-06	-3.21260D-06
222	-1.48290D-04	6.33596D-04	8.93703D-04	-4.68330D-06	-1.25765D-06	-3.22777D-06
223	-2.03671D-04	6.33335D-04	9.52861D-04	-3.30609D-06	7.42509D-07	-3.65705D-06
224	-2.11005D-04	6.33325D-04	9.59308D-04	-3.27405D-06	8.05239D-07	-3.66981D-06
225	-2.12123D-04	6.12769D-04	9.55852D-04	-3.27408D-06	8.03682D-07	-3.66882D-06
226	-2.18360D-04	6.33314D-04	9.65672D-04	-3.24474D-06	8.69455D-07	-3.68321D-06
227	-1.52085D-04	2.58793D-04	4.39389D-04	3.87811D-06	1.13804D-05	-5.68260D-06
228	-8.66624D-05	8.28043D-09	-1.17750D-03	-2.68328D-05	7.04873D-06	9.62924D-06
229	-4.32100D-05	-6.39757D-05	-9.44446D-04	-2.16509D-05	1.14960D-05	6.22399D-06
230	-1.98832D-05	-6.39505D-05	-8.60945D-04	-2.02607D-05	1.12678D-05	5.49886D-06
231	-4.15256D-10	-1.27916D-04	-1.15068D-08	2.25376D-06	4.07640D-05	-3.69811D-06
232	2.12504D-04	-9.93989D-05	-7.63218D-05	8.26007D-07	1.34815D-05	2.40731D-06
233	2.07663D-04	-9.93382D-05	-7.46636D-05	8.44852D-07	1.34273D-05	2.42162D-06
234	2.81221D-04	-1.04539D-04	-7.15268D-05	8.45029D-07	1.34277D-05	2.42165D-06
235	2.02786D-04	-9.92770D-05	-7.29659D-05	8.63794D-07	1.33726D-05	2.43561D-06

236	3.18403D-11	-6.32163D-05	8.53406D-11	-1.62923D-06	5.12616D-06	-8.53776D-07
237	-8.31591D-07	-6.32090D-05	1.63779D-06	-1.61774D-06	5.06910D-06	-7.94755D-07
238	-5.37779D-06	-6.31967D-05	1.13116D-05	-1.59753D-06	4.99547D-06	-7.15816D-07
239	-5.37799D-06	-5.87080D-05	4.27984D-05	-1.59753D-06	4.99717D-06	-7.13493D-07
240	-9.44868D-06	-6.31822D-05	2.08317D-05	-1.56961D-06	4.91766D-06	-6.36714D-07
241	2.66706D-07	-2.88309D-06	-2.69861D-06	-6.44981D-07	2.54248D-07	9.26742D-08
242	4.85736D-07	-2.68804D-06	-4.55255D-07	-4.29025D-07	3.58844D-08	4.31737D-08
243	4.79347D-07	-2.64851D-06	-5.92991D-08	-3.34083D-07	6.35992D-08	-2.71690D-08
244	9.19415D-08	-7.11937D-07	-2.81966D-08	-7.34710D-08	-1.18312D-08	-1.06120D-08
245	3.57310D-08	-3.18655D-07	-1.93691D-08	-5.52163D-08	-7.70430D-09	-7.62872D-09
246	8.38219D-08	-3.18666D-07	-3.67363D-07	-5.52308D-08	-7.70430D-09	-7.63204D-09
247	1.90023D-09	-4.20976D-08	-1.05286D-08	-3.45392D-08	-4.36517D-09	-4.63724D-09
248	3.25637D-07	-1.72318D-06	1.70265D-08	1.31119D-07	2.63482D-08	-9.53302D-08
249	1.62641D-07	-8.79528D-07	1.17097D-08	1.22177D-07	2.34679D-08	-6.85196D-08
250	5.94526D-07	-8.79560D-07	7.81704D-07	1.22208D-07	2.34679D-08	-6.85431D-08
251	3.02749D-08	-1.72543D-07	6.36511D-09	8.54972D-08	1.60948D-08	-4.16507D-08
252	4.81891D-04	-3.05428D-03	8.37718D-04	-2.73106D-04	4.05217D-05	1.98383D-04

M O D A L A N A L Y S I S

MODE NUMBER 5
FREQUENCY= 10.8557 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-8.67460D-03	-9.62820D-04	2.27499D-03	8.53731D-07	1.62642D-04	-1.16754D-04
3	-9.14481D-03	1.76353D-03	7.22115D-03	4.76502D-04	2.73483D-04	-2.84592D-04
4	-3.79294D-03	1.75287D-03	1.60883D-02	5.14808D-04	3.01358D-04	-3.12029D-04
5	1.28745D-03	1.43721D-03	2.40666D-02	7.53847D-04	2.44087D-04	-4.69021D-04
6	1.52643D-03	3.60940D-04	2.38104D-02	8.98690D-04	2.29184D-04	-5.14485D-04
7	-4.12308D-03	1.15216D-05	1.33292D-02	1.11651D-03	2.03416D-04	-6.08788D-04
8	-2.40448D-03	1.45260D-02	1.27698D-02	1.43121D-03	-3.36754D-04	-1.16484D-03
9	4.99864D-02	6.98864D-03	6.51707D-02	1.47715D-03	-4.11248D-04	-1.97971D-03
10	5.37524D-02	-1.85118D-07	6.89435D-02	1.22789D-03	-1.98225D-04	-1.85263D-03
11	3.11212D-02	-9.80600D-03	6.29264D-02	1.87655D-04	2.11213D-04	-6.32935D-04
12	2.23340D-02	-5.13510D-07	6.27185D-02	5.64340D-05	-3.51923D-05	-2.54109D-04
13	2.76588D-02	6.80202D-04	5.41442D-02	-6.88939D-05	-5.32889D-04	5.12429D-06
14	2.73726D-02	-7.70960D-04	-5.00449D-03	-2.64440D-05	-6.07069D-05	-5.76306D-05
15	1.44088D-02	-2.32280D-03	-5.02149D-03	-1.77602D-05	2.72237D-04	-7.03412D-05
16	8.87823D-03	-1.13945D-03	-2.33888D-04	-1.92864D-05	1.73811D-04	-7.53388D-05
17	8.64925D-03	5.18669D-03	6.99622D-03	-2.86443D-05	-2.16517D-05	-4.51372D-05
18	8.14050D-03	5.84373D-03	6.08829D-03	-2.61052D-05	-9.22240D-05	-1.77752D-05
19	6.84137D-03	6.28183D-03	4.83114D-03	-2.82262D-05	-1.03334D-04	-4.22501D-07
20	6.16072D-03	6.20281D-03	3.37575D-03	-2.18864D-05	-8.09737D-05	3.33922D-05
21	6.01869D-03	2.76310D-03	3.49877D-04	-1.61068D-05	-2.86462D-05	9.61141D-05
22	3.10564D-03	3.23539D-05	9.65534D-05	-5.12156D-06	1.72097D-05	1.24177D-04
23	4.03408D-10	-8.85272D-12	8.65832D-12	-5.31712D-10	4.39325D-09	1.71786D-08
25	-9.10873D-03	-1.17424D-03	-2.90371D-03	-5.22096D-05	1.48224D-04	9.06207D-05
26	-1.45323D-02	-2.06540D-03	-5.49446D-03	-9.86101D-05	1.40667D-04	1.25764D-04
27	-1.59537D-02	-2.06568D-03	-6.59766D-03	-9.95528D-05	1.31059D-04	1.26080D-04
28	-1.81051D-02	-5.41622D-04	-9.94224D-03	-4.35509D-05	1.29034D-05	2.52207D-05
29	-1.81093D-02	-2.97784D-04	-1.00394D-02	-4.17480D-05	3.44020D-06	1.92253D-05
30	-1.80280D-02	-1.17126D-04	5.26144D-03	-6.98416D-05	-4.18499D-05	3.13612D-06
31	-2.40269D-02	1.57738D-05	-7.47584D-03	-9.34795D-05	-1.98481D-04	9.81175D-05
32	-5.18223D-03	-1.21031D-04	1.14266D-02	-3.95978D-05	-3.24454D-04	1.69944D-05
33	4.00365D-03	-6.17388D-04	1.16712D-02	-6.82259D-06	-2.74828D-04	-3.96144D-05
34	2.00869D-02	3.31378D-03	-4.34023D-03	-5.06202D-05	-1.32754D-04	-1.15414D-04
35	2.16898D-02	3.27829D-03	-5.05159D-03	-5.36789D-05	-8.51015D-05	-1.30006D-04
36	4.33220D-03	-1.51390D-02	2.22856D-02	8.32922D-04	1.93441D-04	-4.66876D-04
37	7.27051D-03	-2.12669D-02	2.52798D-02	1.24986D-04	1.07093D-04	-3.55596D-05
38	5.55062D-03	-2.13933D-02	1.83906D-05	-3.97087D-04	-5.27433D-05	-1.23396D-04
39	4.81338D-03	4.00946D-04	-3.17428D-03	-3.27676D-04	-3.20574D-05	-3.20687D-04
40	1.88624D-03	3.85373D-03	-7.62009D-04	-2.55493D-04	-3.85346D-05	-2.87724D-04
41	-1.00909D-04	3.85484D-03	9.87526D-04	-2.43132D-04	-3.44850D-05	-2.75072D-04
42	-1.62081D-03	2.62003D-03	2.62774D-03	-8.09074D-05	-5.90965D-05	-1.74589D-04
43	-6.98033D-04	1.49591D-03	2.62805D-03	-5.86211D-05	-5.38434D-05	-1.31490D-04
44	-2.88227D-04	1.89935D-03	2.26805D-03	-5.26788D-05	-3.32741D-05	-3.49235D-05
45	-2.93277D-04	-2.20672D-02	9.44295D-04	1.70612D-04	1.83617D-05	1.52885D-05
46	-3.00544D-04	-2.19537D-02	9.92735D-04	1.81416D-04	1.81237D-05	-4.90128D-05
47	4.93835D-06	-1.16822D-03	-8.58708D-06	4.14013D-05	-8.40385D-07	6.51266D-05
48	7.08871D-06	-1.35073D-03	-1.27114D-05	5.02447D-05	-2.16050D-07	4.86600D-05
49	-3.93922D-05	-4.78526D-04	2.34465D-05	1.71217D-05	8.92048D-07	2.38933D-05
50	-7.01129D-05	-2.05477D-04	2.00599D-05	5.47775D-06	1.01235D-06	1.51545D-05
51	-7.43890D-05	-1.19324D-04	1.52144D-05	5.46937D-06	8.89002D-07	1.42122D-05

52	-2.97986D-07	1.96925D-07	3.83689D-07	-4.09547D-09	2.67560D-07	2.97418D-07
53	4.68122D-13	1.64381D-12	6.17845D-13	7.74161D-13	2.31875D-11	3.25705D-11
54	-8.66825D-05	-3.12908D-04	-7.29896D-04	1.00950D-04	3.63356D-06	-1.87579D-04
55	-4.25441D-04	9.89696D-04	-8.29395D-04	7.22153D-05	1.98269D-05	-1.19865D-04
56	-7.86212D-04	1.94320D-03	-6.00782D-04	6.15599D-06	3.80759D-05	-3.50846D-05
57	-1.34008D-03	5.05785D-05	1.15300D-03	5.12202D-05	-7.22479D-06	7.38929D-06
58	-1.03589D-03	3.30878D-05	6.80626D-04	4.27981D-05	-4.36227D-06	5.77765D-05
59	-5.23035D-07	7.67888D-06	1.06508D-05	3.99628D-05	-8.20982D-07	7.28530D-05
60	1.01035D-01	6.93584D-03	1.03976D-01	1.85833D-03	-8.98749D-05	-2.53691D-03
61	1.47558D-01	1.21988D-02	1.32741D-01	1.42945D-03	1.14272D-03	-3.63701D-03
62	-1.85959D-02	-1.39032D-03	6.58616D-02	9.72273D-04	2.88515D-03	-2.83406D-03
63	-4.78544D-02	-1.92749D-02	2.20592D-02	1.53576D-03	3.13802D-03	-1.17829D-03
64	-4.84447D-02	-5.52317D-02	-1.99510D-01	1.25254D-03	2.61208D-03	2.52158D-04
65	-8.63975D-02	-3.12108D-02	-2.05706D-01	1.56279D-03	1.36484D-03	3.53578D-03
66	-1.96606D-01	-3.11994D-02	-1.60459D-01	1.42367D-03	8.77056D-04	3.66470D-03
67	-2.44418D-01	-3.01614D-03	-1.45521D-01	1.06027D-04	-8.76104D-04	1.86036D-03
68	-2.18207D-02	3.22501D-02	-1.60346D-02	-6.06184D-04	-1.37531D-03	4.82243D-04
69	-1.44502D-02	2.83172D-02	-1.37312D-02	-6.42292D-04	-5.86793D-04	4.19616D-04
70	-1.14910D-03	4.19136D-03	-1.34967D-02	-5.15077D-04	-7.59922D-05	1.96559D-04
71	-5.00258D-04	7.95020D-03	-8.03263D-03	-5.06686D-04	-1.21471D-04	8.81437D-05
72	-7.77778D-05	8.22916D-03	-1.94076D-03	-3.18448D-04	-4.90558D-05	-1.43078D-05
73	-5.13680D-03	8.22594D-03	1.86135D-02	-8.34447D-05	1.07614D-04	-6.16445D-05
74	-5.41745D-03	6.62759D-03	1.55904D-02	4.73591D-05	2.33504D-04	-8.74693D-05
76	-1.14255D-03	-8.73470D-04	-1.12561D-02	-3.79271D-04	1.65604D-04	1.01913D-04
77	-1.13665D-03	-2.49309D-03	-5.21659D-03	-2.76300D-04	2.56610D-04	4.53716D-05
78	-1.52251D-04	-1.88078D-03	3.80955D-05	-2.76581D-05	4.77756D-04	-4.99155D-05
79	2.31712D-03	-1.50365D-03	-1.22476D-03	3.77855D-05	1.53146D-04	3.28353D-05
80	1.04416D-04	-2.43845D-04	-4.20041D-07	1.95169D-05	1.46041D-05	-3.12229D-06
82	-1.57623D-04	-8.64521D-04	-3.35840D-04	2.32136D-05	5.14212D-05	-9.39404D-06
83	-1.97452D-04	-7.45790D-04	-6.43520D-04	1.11490D-05	2.49486D-05	2.74031D-05
84	-3.19840D-04	-1.77117D-04	-9.85797D-04	1.85189D-06	1.73636D-05	3.18258D-05
85	-2.23069D-04	-3.94246D-05	-9.93192D-04	-1.92352D-05	7.22234D-06	1.28362D-05
86	8.83033D-06	-3.43241D-05	-7.52079D-06	-1.07092D-05	3.53473D-07	-1.03046D-06
87	6.77402D-06	-2.58591D-05	-2.35731D-06	-6.77432D-06	-1.11256D-06	-3.04756D-07
88	3.07444D-06	-9.57846D-06	-2.98393D-07	-1.29936D-06	-3.28092D-07	-9.03120D-07
90	7.14858D-06	-2.47729D-05	-1.63143D-06	-4.07238D-06	8.77635D-07	-2.45366D-06
91	4.02207D-06	-2.28595D-05	-9.83785D-08	1.25827D-06	3.69549D-07	-2.14704D-06
93	-1.03680D-03	-4.86427D-04	2.61733D-04	-2.76760D-05	6.19010D-05	-3.03643D-05
94	-5.76422D-03	-1.23460D-03	1.50474D-03	-1.95439D-05	1.36630D-04	-8.81287D-05
95	2.73320D-03	7.01984D-04	2.60446D-02	8.54107D-04	2.24218D-04	-4.97195D-04
96	3.29578D-03	-9.24981D-03	2.28516D-02	8.66042D-04	2.05262D-04	-4.89475D-04
97	2.98574D-04	1.23420D-04	2.15339D-02	9.46436D-04	2.32245D-04	-5.31648D-04
98	-6.69845D-04	4.96841D-08	1.97386D-02	9.84133D-04	2.31670D-04	-5.44617D-04
99	1.31642D-02	1.89862D-02	2.82635D-02	1.46571D-03	-6.90011D-04	-1.46195D-03
100	2.89245D-02	1.72893D-02	4.39729D-02	1.47431D-03	-7.95937D-04	-1.66034D-03
101	4.58321D-02	1.05661D-02	6.09820D-02	1.47729D-03	-5.72549D-04	-1.89648D-03
102	5.26124D-02	2.90420D-03	6.78010D-02	1.32672D-03	-2.78808D-04	-1.90014D-03
103	7.19549D-02	6.96445D-03	8.19810D-02	1.70492D-03	-2.63343D-04	-2.26995D-03
104	2.93855D-02	-8.36568D-03	6.28989D-02	1.76751D-04	1.73007D-04	-5.41007D-04
105	2.59694D-02	-4.72585D-03	6.28801D-02	1.76202D-04	1.42621D-04	-4.88654D-04
106	3.96348D-02	-5.87792D-03	6.82908D-02	2.12446D-04	1.39573D-04	-5.09952D-04
107	2.31946D-02	-1.59676D-03	6.28046D-02	1.25066D-04	9.14803D-05	-3.92983D-04
108	2.76537D-02	4.36046D-04	4.95695D-02	-6.65023D-05	-5.53869D-04	1.54547D-05
109	3.30472D-02	-1.23377D-04	4.95946D-02	-5.72903D-05	-8.19345D-04	-3.98248D-03
110	3.56604D-02	-2.86076D-04	4.96052D-02	-2.68907D-05	-8.10081D-04	-5.69588D-03
111	3.94271D-02	-2.89547D-04	4.96219D-02	5.36972D-05	-6.45014D-04	-8.40877D-03
112	4.28357D-02	2.19144D-04	4.96349D-02	1.34619D-04	-4.04592D-04	-1.01566D-02
113	3.74005D-01	2.11603D-02	6.18815D-02	6.43735D-04	-5.48423D-04	-1.31845D-02
114	4.40915D-02	6.30054D-04	4.96358D-02	3.08372D-05	-9.95850D-05	-1.01612D-02
115	4.39872D-02	5.86779D-04	4.96364D-02	-2.78647D-05	7.09097D-05	-1.01651D-02

116	4.33226D-02	3.47086D-04	4.96371D-02	-7.62182D-05	2.08379D-04	-1.01701D-02
117	4.23518D-02	3.65355D-08	4.96374D-02	-9.14845D-05	2.53377D-04	-1.01701D-02
118	1.64713D-02	3.47082D-04	4.99402D-02	-1.47398D-04	2.41647D-04	-1.02779D-02
119	4.04246D-02	-6.97614D-04	4.96377D-02	-9.14967D-05	2.52670D-04	-1.01701D-02
120	-3.92069D-02	3.47073D-04	5.10155D-02	-2.36441D-04	3.09767D-04	-1.04149D-02
121	-8.10388D-02	-2.68599D-04	5.19624D-02	-2.41429D-04	3.14812D-04	-1.04226D-02
122	2.76394D-02	4.40837D-07	4.37248D-02	-6.32279D-05	-5.52681D-04	3.18637D-05
123	2.76110D-02	-7.67020D-04	3.34701D-02	-5.70066D-05	-5.18028D-04	4.03464D-05
124	2.75316D-02	-2.43767D-03	1.16322D-02	-4.12896D-05	-3.66912D-04	1.04263D-05
125	2.75137D-02	-2.49968D-03	8.13200D-03	-3.80152D-05	-3.23033D-04	-5.01965D-06
126	2.74840D-02	-2.19672D-03	1.91387D-03	-3.39549D-05	-2.59878D-04	-3.01613D-05
127	2.93126D-02	-2.27453D-03	1.01802D-03	-3.35161D-05	-2.61186D-04	-4.57183D-05
128	2.74300D-02	-1.53186D-03	-2.83365D-03	-3.07870D-05	-1.82439D-04	-3.83070D-05
129	2.74099D-02	-1.30017D-03	-3.83493D-03	-2.92541D-05	-1.41058D-04	-4.42966D-05
130	2.65823D-02	-5.03905D-04	-5.01214D-03	-2.83835D-05	-6.69804D-05	-7.51019D-05
131	2.74305D-02	-1.04614D-03	-5.00725D-03	-2.41669D-05	2.68682D-05	-5.94703D-05
132	8.84231D-03	1.64988D-08	2.12501D-03	-2.07908D-05	1.42852D-04	-7.55858D-05
133	6.12101D-03	5.57524D-03	2.23946D-03	-2.02577D-05	-6.69987D-05	4.98421D-05
134	2.53480D-02	1.13793D-07	-5.02376D-03	-3.79383D-05	-5.94672D-05	-1.02103D-04
135	2.46442D-02	6.68759D-04	-5.03380D-03	-4.87410D-05	-5.12089D-05	-1.25928D-04
136	2.36246D-02	1.78394D-03	-5.04453D-03	-5.54215D-05	-5.94745D-05	-1.45623D-04
137	2.78405D-02	2.13454D-03	-6.72196D-03	-5.90564D-05	-5.88078D-05	-1.60466D-04
138	2.21835D-02	2.94804D-03	-5.04969D-03	-5.45032D-05	-7.69355D-05	-1.35128D-04
139	1.52638D-02	1.61002D-03	4.60505D-04	-3.42490D-05	-1.89590D-04	-8.57555D-05
140	7.72524D-03	-3.70762D-08	7.96780D-03	-1.10705D-05	-2.52026D-04	-5.67048D-05
141	5.54091D-03	-3.90804D-04	1.01437D-02	-5.26594D-06	-2.66396D-04	-4.95885D-05
142	7.29721D-03	-5.56750D-04	1.19026D-02	1.22101D-03	-3.70562D-04	-1.23450D-03
143	8.12519D-03	-5.66652D-04	1.27317D-02	1.74597D-03	-3.61539D-04	-1.74269D-03
144	9.30042D-03	-5.11318D-04	1.39087D-02	2.57675D-03	-2.81635D-04	-2.54811D-03
145	1.03415D-02	-3.55936D-04	1.49512D-02	3.11147D-03	-1.71647D-04	-3.06756D-03
146	1.09783D-01	4.26120D-03	1.16342D-01	4.04915D-03	-2.07612D-04	-3.95106D-03
147	1.07229D-02	-1.93230D-04	1.53327D-02	3.10908D-03	-4.40028D-05	-3.07276D-03
148	1.06963D-02	-1.32229D-04	1.53062D-02	3.10814D-03	2.73398D-05	-3.07611D-03
149	1.05053D-02	-6.33380D-05	1.51152D-02	3.10792D-03	8.48526D-05	-3.07944D-03
150	1.02237D-02	1.88276D-09	1.48337D-02	3.10736D-03	1.03670D-04	-3.07999D-03
151	2.36955D-03	-6.33389D-05	6.91344D-03	3.13820D-03	9.93829D-05	-3.11575D-03
152	9.66610D-03	1.47624D-04	1.42761D-02	3.10737D-03	1.03374D-04	-3.07999D-03
153	-1.45238D-02	-6.33404D-05	-1.00766D-02	3.17674D-03	1.29135D-04	-3.16184D-03
154	-2.72174D-02	-3.69338D-05	-2.28275D-02	3.17892D-03	1.31339D-04	-3.16444D-03
155	-7.27513D-03	4.39808D-08	9.33358D-03	-4.79385D-05	-3.23236D-04	2.95006D-05
156	-1.58489D-02	2.63449D-04	7.56528D-04	-8.26058D-05	-2.81398D-04	8.51692D-05
157	-1.98001D-02	1.41870D-04	-3.27833D-03	-9.22606D-05	-2.54706D-04	1.03931D-04
158	-2.33323D-02	4.78103D-04	-5.42088D-03	-9.51527D-05	-2.55271D-04	1.16329D-04
159	-2.33929D-02	3.46127D-05	-6.81721D-03	-9.30962D-05	-2.24155D-04	1.00698D-04
160	-2.50901D-02	-9.46968D-09	-8.59276D-03	-9.38516D-05	-1.48034D-04	9.32006D-05
161	-2.50595D-02	-7.24182D-05	-8.43246D-03	-9.23782D-05	1.03711D-04	6.14062D-05
162	-1.94733D-02	-8.34275D-10	1.66865D-03	-8.61576D-05	1.22007D-04	3.38807D-05
163	-1.87592D-02	1.14174D-05	3.39084D-03	-8.45119D-05	9.74370D-05	2.95727D-05
164	-1.84026D-02	1.67429D-05	4.31410D-03	-8.33347D-05	7.86412D-05	2.67104D-05
165	-1.78928D-02	1.23945D-06	6.57118D-03	-7.65370D-05	3.41936D-06	1.29905D-05
166	4.71951D-03	-2.13918D-02	2.79949D-03	-3.96347D-04	-5.10100D-05	-1.15695D-04
167	6.78869D-03	-2.13197D-02	-3.97702D-03	-3.97444D-04	-5.27520D-05	-1.23958D-04
168	5.45929D-03	-1.97318D-02	-4.02644D-04	-3.96361D-04	-5.38490D-05	-1.31578D-04
169	5.29391D-03	-1.65305D-02	-1.12524D-03	-3.87445D-04	-5.42496D-05	-1.99119D-04
170	4.91112D-03	-4.16782D-03	-2.76790D-03	-3.46474D-04	-3.76304D-05	-3.09522D-04
171	3.89207D-03	-4.16800D-03	-1.61510D-03	-3.49366D-04	-3.76304D-05	-3.06269D-04
172	3.07159D-03	-4.16815D-03	-6.73397D-04	-3.51044D-04	-3.76304D-05	-3.04524D-04
173	1.51170D-03	-4.16822D-03	1.12653D-03	-3.51271D-04	-3.76304D-05	-3.04328D-04
174	-5.42679D-04	-4.16823D-03	3.49869D-03	-3.51497D-04	-3.76304D-05	-3.04363D-04
175	4.86054D-03	-1.88856D-03	-2.97932D-03	-3.37314D-04	-3.48328D-05	-3.16234D-04

176	1.01569D-03	3.85421D-03	-2.76150D-09	-2.50319D-04	-3.67991D-05	-2.82798D-04
177	-2.89815D-04	-7.46717D-09	7.91900D-04	7.75408D-06	-2.20100D-05	1.19542D-04
178	-2.91718D-04	-1.37028D-02	7.40631D-10	9.02363D-05	2.78487D-06	1.95323D-04
179	-6.13288D-04	-3.22619D-09	2.01143D-03	1.86017D-04	-5.36691D-06	-1.69785D-04
180	-2.41954D-05	1.22517D-02	7.95282D-05	7.40314D-05	-1.01971D-05	7.09641D-05
181	4.46918D-07	1.16524D-02	-1.45969D-06	6.38904D-05	-6.97800D-06	9.41518D-05
182	-2.88192D-06	9.80188D-04	1.77473D-05	3.84189D-05	-2.90013D-07	8.05987D-05
183	-2.11284D-06	5.26026D-04	1.55119D-05	3.90363D-05	-5.05651D-07	7.73616D-05
184	-5.16996D-04	4.96769D-06	3.19336D-04	4.15987D-05	-2.57245D-06	6.54621D-05
185	1.57223D-06	-4.69358D-04	3.26355D-06	4.05779D-05	-8.71185D-07	6.96681D-05
186	-6.14741D-07	-5.59289D-04	-8.13298D-06	3.99164D-05	3.35165D-07	3.19921D-05
187	-3.56297D-06	-4.72069D-04	-5.82060D-06	3.68435D-05	3.76600D-07	3.12844D-05
188	-6.67229D-06	-4.10601D-04	-3.38405D-06	3.35666D-05	4.21908D-07	3.09695D-05
189	-7.23083D-05	-1.62311D-04	1.75994D-05	5.46284D-06	9.58939D-07	1.46741D-05
190	-1.80913D-02	1.34247D-09	-1.92163D-09	-6.09574D-05	-7.59453D-05	-4.62737D-06
191	-1.81146D-02	-3.95556D-09	-9.96780D-03	-4.35989D-05	-1.27212D-05	1.44225D-05
192	-1.81128D-02	-1.00766D-04	-1.00280D-02	-4.29114D-05	-6.58339D-06	1.62537D-05
193	-1.81020D-02	-2.99015D-04	-1.02908D-02	-1.24258D-05	3.45554D-06	-2.08657D-05
194	-6.64308D-03	-8.58031D-04	-2.03424D-03	-4.35867D-05	1.43519D-04	7.31210D-05
195	-1.60971D-03	-1.86590D-04	-4.93540D-04	-2.05676D-05	8.78063D-05	3.15034D-05
196	-1.40808D-03	-3.12691D-04	-1.44323D-03	1.02257D-04	3.63162D-06	-1.89172D-04
197	1.79023D-03	-2.97355D-04	2.79566D-04	1.00975D-04	3.62725D-06	-1.87747D-04
198	-1.13853D-04	2.62129D-05	-7.37907D-04	9.90315D-05	3.90101D-06	-1.84311D-04
199	-8.87907D-04	2.18707D-03	-2.71490D-04	4.19716D-06	3.67341D-05	-1.99387D-05
200	-1.06972D-03	2.30900D-03	3.16987D-04	1.89850D-06	3.13932D-05	5.05494D-06
201	-1.03973D-03	2.30903D-03	3.15091D-04	-3.34361D-07	3.04985D-05	1.19053D-05
202	-1.01175D-03	2.30905D-03	3.16858D-04	-1.09034D-06	2.99412D-05	1.44261D-05
203	-9.82513D-04	2.24723D-03	4.33033D-04	-9.99324D-07	2.82630D-05	1.53765D-05
204	-1.04356D-03	2.13640D-03	6.34324D-04	9.11401D-08	2.58922D-05	1.46293D-05
205	-1.09262D-03	2.04793D-03	7.96396D-04	1.61019D-06	2.47903D-05	1.21169D-05
206	-1.22486D-03	2.04771D-03	8.17828D-04	1.97100D-06	2.50279D-05	2.27965D-05
207	-1.42832D-03	9.55419D-04	1.47109D-03	1.07383D-05	1.03121D-05	3.18252D-05
208	-1.35140D-03	5.59016D-09	1.19125D-03	4.96409D-05	-7.62969D-06	7.43780D-06
209	1.24525D-01	1.04189D-02	1.23557D-01	1.43869D-03	1.68978D-03	-3.86138D-03
210	1.10221D-01	9.36297D-03	1.17797D-01	1.44401D-03	1.76268D-03	-3.88218D-03
211	1.95305D-01	6.00580D-03	1.48363D-01	1.48115D-03	1.76208D-03	-3.93105D-03
212	9.51077D-02	8.23045D-03	1.11698D-01	1.41587D-03	1.83687D-03	-3.84704D-03
213	2.58374D-03	7.67171D-08	7.44058D-02	1.01522D-03	2.81581D-03	-3.00764D-03
214	-2.42122D-01	-4.90439D-08	-1.44179D-01	7.95374D-05	-9.26937D-04	1.82764D-03
215	-2.45714D-03	9.40370D-03	-1.35529D-02	-5.62955D-04	-1.98293D-04	2.49560D-04
216	-1.14708D-03	2.25018D-03	-1.36592D-02	-4.72637D-04	1.44747D-05	1.74312D-04
217	-1.15030D-03	6.13143D-03	-1.25229D-02	-5.15400D-04	-9.29234D-05	1.89677D-04
218	-1.80397D-04	8.22971D-03	-1.07467D-07	-3.03122D-04	-4.04427D-05	-1.86669D-05
219	-3.48403D-03	8.23027D-03	1.59601D-02	-1.13373D-04	7.43992D-05	-5.64476D-05
220	-3.59726D-03	8.23023D-03	1.61847D-02	-1.12471D-04	7.51195D-05	-5.65640D-05
221	-3.62735D-03	7.90069D-03	1.58074D-02	-1.12472D-04	7.50874D-05	-5.65481D-05
222	-3.71062D-03	8.23014D-03	1.64072D-02	-1.11595D-04	7.58706D-05	-5.66889D-05
223	-4.65076D-03	8.22732D-03	1.79435D-02	-8.83447D-05	9.98188D-05	-6.04242D-05
224	-4.77178D-03	8.22722D-03	1.81178D-02	-8.77641D-05	1.00570D-04	-6.05341D-05
225	-4.80814D-03	7.88118D-03	1.75960D-02	-8.77653D-05	1.00534D-04	-6.05184D-05
226	-4.89289D-03	8.22707D-03	1.82904D-02	-8.72225D-05	1.01355D-04	-6.06556D-05
227	-2.81464D-03	3.38455D-03	8.11045D-03	3.83636D-05	2.14973D-04	-7.82911D-05
228	-1.14423D-03	1.19397D-07	-1.25161D-02	-4.13485D-04	1.17930D-04	1.29846D-04
229	-5.49401D-04	-8.73070D-04	-9.00135D-03	-3.31377D-04	1.59668D-04	8.51128D-05
230	-2.30368D-04	-8.72816D-04	-7.73700D-03	-3.03524D-04	1.55943D-04	7.52106D-05
231	-9.47388D-09	-1.87662D-03	-1.15307D-07	-2.69774D-05	4.74025D-04	-4.91055D-05
232	2.58995D-03	-1.51202D-03	-1.53249D-03	3.51851D-05	1.60055D-04	3.10872D-05
233	2.52739D-03	-1.51124D-03	-1.46185D-03	3.54274D-05	1.59431D-04	3.12592D-05
234	3.40152D-03	-1.71158D-03	-1.43122D-03	3.54311D-05	1.59438D-04	3.12597D-05
235	2.46441D-03	-1.51044D-03	-1.39068D-03	3.56661D-05	1.58800D-04	3.14260D-05

236	4.51336D-10	-8.65014D-04	1.90314D-09	2.53792D-05	5.57227D-05	-1.30342D-05
237	-1.27325D-05	-8.64933D-04	-2.47628D-05	2.47476D-05	5.47915D-05	-1.22562D-05
238	-8.33310D-05	-8.64796D-04	-1.70556D-04	2.40461D-05	5.35901D-05	-1.12191D-05
239	-8.33349D-05	-7.94470D-04	1.67137D-04	2.40461D-05	5.35984D-05	-1.11798D-05
240	-1.47749D-04	-8.64623D-04	-3.12744D-04	2.35314D-05	5.23682D-05	-1.02035D-05
241	1.18931D-05	-3.47630D-05	-5.97993D-05	-1.39122D-05	9.43766D-07	-3.14697D-07
242	8.81729D-06	-3.81831D-05	-6.77401D-06	-9.04801D-06	-1.71009D-07	-6.97266D-07
243	8.79369D-06	-2.61650D-05	-5.30281D-06	-7.90333D-06	5.40544D-07	-1.54503D-06
244	2.75360D-06	-8.48058D-06	-2.51536D-07	-1.02462D-06	-2.80404D-07	-7.41540D-07
245	1.24194D-06	-3.44963D-06	-1.72846D-07	-6.94452D-07	-2.12582D-07	-5.33069D-07
246	4.60233D-06	-3.44979D-06	-4.54992D-06	-6.94677D-07	-2.12582D-07	-5.33296D-07
247	1.68960D-07	-2.75465D-07	-9.39552D-08	-4.05374D-07	-1.33762D-07	-3.24034D-07
248	3.62365D-06	-2.08881D-05	-8.27687D-08	1.44264D-06	3.34314D-07	-1.76284D-06
249	1.71545D-06	-1.10020D-05	-5.65546D-08	1.44503D-06	2.71223D-07	-1.26714D-06
250	9.70275D-06	-1.10025D-05	9.05118D-06	1.44548D-06	2.71223D-07	-1.26762D-06
251	2.75154D-07	-2.31357D-06	-3.07418D-08	1.04238D-06	1.77470D-07	-7.70250D-07
252	-1.63117D-04	3.96588D-04	-7.51608D-04	8.75971D-05	9.56426D-06	-1.61346D-04

M O D A L A N A L Y S I S

MODE NUMBER 6
FREQUENCY= 11.0218 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-4.51411D-03	-1.23504D-03	1.21043D-03	-2.68798D-07	8.30712D-05	-6.67529D-05
3	-4.22768D-03	7.55872D-04	4.68878D-03	3.48851D-04	1.27853D-04	-1.94071D-04
4	-5.88821D-04	7.47211D-04	1.11854D-02	3.73031D-04	1.40710D-04	-2.10685D-04
5	2.92422D-03	6.04665D-04	1.71049D-02	5.06454D-04	1.06372D-04	-3.03318D-04
6	3.64029D-03	8.63055D-05	1.80824D-02	5.81718D-04	1.06046D-04	-3.24840D-04
7	8.44957D-04	3.55974D-04	1.29009D-02	6.99003D-04	1.09823D-04	-3.67092D-04
8	8.63027D-05	1.05388D-02	1.05274D-02	8.45690D-04	-1.45697D-04	-6.83101D-04
9	2.50333D-02	4.61853D-03	3.55096D-02	8.28263D-04	-1.48431D-04	-1.16457D-03
10	2.59315D-02	-1.24262D-07	3.64280D-02	6.72423D-04	-5.99260D-06	-1.07773D-03
11	-5.22658D-03	-8.12312D-03	2.61222D-02	1.16180D-04	2.89793D-04	-1.93547D-04
12	-2.16377D-02	-9.49446D-08	2.60331D-02	1.03937D-04	1.93226D-04	-1.88884D-05
13	-2.45888D-02	1.06355D-03	2.76924D-02	7.95290D-05	2.35708D-05	5.90107D-05
14	-2.46391D-02	1.86422D-03	1.51992D-02	6.23021D-05	-1.92151D-04	6.22830D-05
15	-6.72696D-03	2.95175D-03	1.51637D-02	-1.29918D-05	-2.51711D-04	7.17756D-05
16	-1.59124D-03	1.00721D-03	1.03233D-02	-1.75330D-05	-1.99358D-04	6.81486D-05
17	-1.53909D-03	-3.06087D-03	-1.21803D-03	-7.52423D-06	-5.44076D-05	1.78586D-05
18	-1.67765D-03	-3.15267D-03	-1.69434D-03	-7.79366D-06	-1.23922D-05	1.27257D-06
19	-1.70632D-03	-3.03584D-03	-1.72998D-03	-4.50040D-06	3.47314D-07	-8.00882D-06
20	-1.64881D-03	-2.77884D-03	-1.57793D-03	-3.25895D-06	1.42327D-05	-2.20314D-05
21	-1.61655D-03	-1.05085D-03	-6.02200D-04	7.02961D-06	1.57480D-05	-3.89165D-05
22	-7.87256D-04	-7.29666D-05	-1.98336D-04	8.04838D-06	2.87740D-06	-3.55901D-05
23	-9.20579D-11	-1.30720D-11	-2.67429D-11	1.21307D-09	-5.81057D-10	-4.48607D-09
25	-9.06852D-03	-1.13572D-03	-2.89712D-03	-5.73083D-05	1.46923D-04	9.65094D-05
26	-1.44868D-02	-2.39940D-03	-6.11746D-03	-1.43222D-04	1.39014D-04	1.27409D-04
27	-1.59264D-02	-2.39906D-03	-7.72277D-03	-1.45549D-04	1.29030D-04	1.27965D-04
28	-1.81720D-02	-7.42840D-04	-1.21532D-02	-9.98680D-05	8.62062D-06	3.23408D-05
29	-1.81760D-02	-4.18207D-04	-1.22005D-02	-9.89705D-05	-1.75888D-06	2.61206D-05
30	-1.80818D-02	-5.65908D-04	6.18596D-03	-1.90226D-04	-4.79585D-05	3.73037D-06
31	-2.92079D-02	-4.69597D-04	-1.43252D-02	-3.04881D-04	-1.07965D-04	2.51477D-04
32	-1.90954D-02	1.12206D-03	-4.15209D-03	-6.22583D-05	-8.17907D-05	2.40918D-04
33	-2.02679D-02	2.08598D-03	-3.16846D-03	6.50509D-05	1.59613D-04	2.33837D-04
34	-3.78625D-02	-8.64780D-03	1.46095D-02	1.28150D-04	1.29738D-04	2.51519D-04
35	-3.84943D-02	-8.22129D-03	1.51094D-02	1.37077D-04	-4.26434D-05	2.56180D-04
36	4.89766D-03	-9.88883D-03	1.73999D-02	5.38704D-04	8.47769D-05	-2.93876D-04
37	6.41817D-03	-1.37810D-02	1.94179D-02	6.53697D-05	3.65658D-05	-1.08280D-05
38	3.80902D-03	-1.38663D-02	2.13233D-04	-2.87082D-04	-4.64661D-05	-7.04912D-05
39	3.21589D-03	3.10755D-04	-2.38912D-03	-2.41554D-04	-2.47330D-05	-2.06857D-04
40	1.26972D-03	2.62660D-03	-5.81835D-04	-1.94869D-04	-2.77418D-05	-1.93642D-04
41	-7.00011D-05	2.62736D-03	7.56093D-04	-1.86457D-04	-2.49079D-05	-1.85725D-04
42	-1.11660D-03	1.60040D-03	2.06011D-03	-7.56106D-05	-3.93593D-05	-1.22518D-04
43	-5.02114D-04	4.98346D-04	2.06033D-03	-6.03651D-05	-3.59683D-05	-9.50102D-05
44	-2.22172D-04	6.66392D-04	1.80798D-03	-5.42057D-05	-2.44432D-05	-3.39794D-05
45	-2.26563D-04	-1.38593D-02	7.30464D-04	9.77895D-05	1.46610D-05	1.08065D-05
46	-2.32410D-04	-1.37937D-02	7.69340D-04	1.04857D-04	1.46172D-05	-3.05373D-05
47	1.49378D-06	-7.38426D-04	6.60466D-06	2.95804D-05	-8.52766D-07	4.33023D-05
48	3.91913D-06	-8.55863D-04	2.14945D-06	3.47029D-05	-3.16389D-07	3.33481D-05
49	-2.26491D-05	-3.39403D-04	2.15179D-05	1.17268D-05	6.81391D-07	1.67854D-05
50	-4.75941D-05	-1.47807D-04	1.84386D-05	4.04854D-06	9.12118D-07	1.06822D-05
51	-5.14218D-05	-8.62400D-05	1.41033D-05	4.05064D-06	8.21989D-07	1.00218D-05

52	-1.93175D-07	1.30192D-07	3.10120D-07	5.30894D-09	2.01213D-07	2.10788D-07
53	3.60176D-13	1.08676D-12	4.72197D-13	1.54238D-12	1.74377D-11	2.30268D-11
54	-5.23562D-04	-4.34991D-04	-7.58687D-04	1.49121D-04	-1.65992D-05	-1.81767D-04
55	-2.05209D-04	2.47186D-03	-6.55832D-04	1.12914D-04	2.65316D-06	-1.08192D-04
56	-4.43700D-04	3.68433D-03	-4.64461D-04	2.95918D-05	3.41703D-05	-1.33482D-05
57	-8.87277D-04	3.99595D-05	9.29789D-04	4.30205D-05	-8.67849D-06	6.30496D-06
58	-6.79723D-04	4.54137D-05	5.29372D-04	3.28501D-05	-3.79995D-06	3.76260D-05
59	-4.01257D-06	2.62098D-05	2.58482D-05	2.91140D-05	-8.27592D-07	4.81531D-05
60	5.54007D-02	4.58847D-03	5.75005D-02	1.05818D-03	-1.17968D-06	-1.51446D-03
61	8.41168D-02	7.33197D-03	7.44263D-02	8.73745D-04	5.84933D-04	-2.24375D-03
62	-6.21285D-03	-7.72528D-04	3.80700D-02	6.06282D-04	1.61475D-03	-1.73594D-03
63	-2.28685D-02	-1.15492D-02	1.29183D-02	9.54630D-04	1.83028D-03	-7.14387D-04
64	-2.32133D-02	-3.31917D-02	-1.17182D-01	7.77768D-04	1.54065D-03	1.52225D-04
65	-4.58617D-02	-1.88360D-02	-1.20474D-01	9.47169D-04	8.19305D-04	2.10845D-03
66	-1.11579D-01	-1.88270D-02	-9.30537D-02	8.63362D-04	5.34377D-04	2.18559D-03
67	-1.40411D-01	-1.83003D-03	-8.41067D-02	7.04389D-05	-4.93494D-04	1.11720D-03
68	-1.23703D-02	1.97980D-02	-9.60584D-03	-3.67562D-04	-7.92965D-04	2.92340D-04
69	-8.13699D-03	1.73978D-02	-8.27969D-03	-3.93420D-04	-3.34091D-04	2.53788D-04
70	-6.75895D-04	2.56092D-03	-8.14032D-03	-3.18421D-04	-3.83395D-05	1.19805D-04
71	-2.83704D-04	4.84737D-03	-4.96971D-03	-3.13915D-04	-6.58728D-05	5.27150D-05
72	-4.77055D-05	5.00991D-03	-1.22408D-03	-2.00916D-04	-2.21622D-05	-1.09711D-05
73	-3.38023D-03	5.00863D-03	1.20537D-02	-5.59537D-05	7.40151D-05	-3.92461D-05
74	-3.50950D-03	4.03632D-03	1.00969D-02	2.73494D-05	1.51888D-04	-5.37592D-05
76	-6.72416D-04	-5.34634D-04	-6.64213D-03	-2.36305D-04	1.02537D-04	6.24143D-05
77	-6.69231D-04	-1.53052D-03	-2.96638D-03	-1.74252D-04	1.55463D-04	2.80663D-05
78	-8.97672D-05	-1.17369D-03	3.87522D-05	-2.17540D-05	2.86687D-04	-2.94857D-05
79	1.39280D-03	-9.42565D-04	-7.80442D-04	2.52450D-05	9.20061D-05	1.96223D-05
80	6.29761D-05	-1.50654D-04	-3.52745D-07	1.21182D-05	8.79133D-06	-1.87156D-06
82	-1.00314D-04	-5.29337D-04	-2.52431D-04	1.74436D-05	3.06966D-05	-6.02390D-06
83	-1.24049D-04	-4.54682D-04	-4.48551D-04	8.49067D-06	1.37704D-05	1.62665D-05
84	-1.89998D-04	-1.06955D-04	-6.32844D-04	1.88703D-06	9.20952D-06	1.91159D-05
85	-1.30215D-04	-2.38045D-05	-6.31455D-04	-1.19356D-05	3.09071D-06	7.59542D-06
86	5.52295D-06	-2.07251D-05	-4.84485D-06	-6.88548D-06	1.51308D-07	-7.03838D-07
87	4.24553D-06	-1.58365D-05	-1.42960D-06	-4.31498D-06	-6.86277D-07	-2.45693D-07
88	1.96526D-06	-5.66400D-06	-1.72879D-07	-7.97005D-07	-2.06779D-07	-6.07900D-07
90	4.40625D-06	-1.47359D-05	-1.11883D-06	-2.68362D-06	5.85695D-07	-1.54313D-06
91	2.37143D-06	-1.39229D-05	-8.70498D-08	7.47339D-07	2.24519D-07	-1.35896D-06
93	-5.50791D-04	-4.49310D-04	1.47836D-04	-2.32504D-05	3.26885D-05	-1.54362D-05
94	-3.01884D-03	-1.30397D-03	8.09489D-04	-1.69590D-05	7.05531D-05	-4.89990D-05
95	4.19018D-03	2.35501D-04	1.90992D-02	5.58240D-04	1.01739D-04	-3.16926D-04
96	4.44139D-03	-6.10040D-03	1.76489D-02	5.60510D-04	9.16677D-05	-3.08668D-04
97	3.06681D-03	1.09751D-05	1.70200D-02	6.07438D-04	1.10340D-04	-3.32250D-04
98	2.60289D-03	3.71167D-08	1.61606D-02	6.27917D-04	1.12609D-04	-3.37481D-04
99	7.32849D-03	1.30528D-02	1.77290D-02	8.48305D-04	-3.37424D-04	-8.59248D-04
100	1.52002D-02	1.16827D-02	2.55725D-02	8.42427D-04	-3.91455D-04	-9.76711D-04
101	2.32976D-02	7.02722D-03	3.37476D-02	8.32249D-04	-2.48120D-04	-1.11579D-03
102	2.57986D-02	1.90132D-03	3.62874D-02	7.34061D-04	-5.98448D-05	-1.11046D-03
103	3.80503D-02	4.60477D-03	4.49976D-02	9.64758D-04	-8.06619D-05	-1.34782D-03
104	-7.61898D-03	-7.18727D-03	2.61111D-02	1.22897D-04	2.63657D-04	-1.25027D-04
105	-1.30054D-02	-4.57135D-03	2.61035D-02	1.31033D-04	2.43829D-04	-8.60051D-05
106	-1.08649D-02	-4.75748D-03	2.95136D-02	1.47179D-04	2.42471D-04	-8.02799D-05
107	-1.79016D-02	-1.97578D-03	2.60706D-02	1.18412D-04	2.22823D-04	-5.86282D-05
108	-2.46067D-02	5.33981D-04	2.77398D-02	8.14071D-05	1.32321D-05	6.41414D-05
109	-2.94012D-02	5.44660D-04	2.77550D-02	-2.90080D-05	1.04101D-03	6.46553D-03
110	-3.31562D-02	3.91097D-04	2.77614D-02	-4.01099D-05	1.24997D-03	9.20898D-03
111	-3.97921D-02	1.72441D-04	2.77714D-02	-1.32356D-05	1.29728D-03	1.35528D-02
112	-4.73987D-02	1.87084D-04	2.77793D-02	4.38065D-05	1.07469D-03	1.63514D-02
113	-5.80759D-01	-3.19076D-02	3.64030D-02	3.31225D-04	1.37226D-03	2.11975D-02
114	-5.23143D-02	3.01359D-02	2.77798D-02	4.84689D-06	6.75830D-04	1.63598D-02
115	-5.36100D-02	2.67483D-04	2.77802D-02	-1.73300D-05	4.52955D-04	1.63670D-02

116	-5.45828D-02	1.54097D-04	2.77806D-02	-3.57875D-05	2.73352D-04	1.63763D-02
117	-5.51573D-02	1.35453D-08	2.77807D-02	-4.14486D-05	2.14868D-04	1.63763D-02
118	-1.13089D-02	1.54094D-04	2.79338D-02	-7.67809D-05	2.12128D-04	1.65753D-02
119	-5.68025D-02	-3.16070D-04	2.77809D-02	-4.14543D-05	2.15892D-04	1.63763D-02
120	7.85845D-02	1.54087D-04	2.85096D-02	-1.28069D-04	8.67639D-05	1.68278D-02
121	1.44677D-01	-1.79734D-04	2.90230D-02	-1.30943D-04	7.74790D-05	1.68421D-02
122	-2.46147D-02	2.71952D-07	2.76766D-02	8.51759D-05	2.07303D-06	3.55338D-05
123	-2.46288D-02	-8.19097D-05	2.76527D-02	9.23365D-05	-1.28200D-05	-1.12851D-05
124	-2.46573D-02	1.87346D-03	2.54921D-02	1.10426D-04	-9.05955D-05	-3.56734D-05
125	-2.46620D-02	2.23583D-03	2.44920D-02	1.14195D-04	-1.13044D-04	-2.38431D-05
126	-2.46690D-02	2.58922D-03	2.18264D-02	1.18868D-04	-1.43766D-04	1.93888D-06
127	-2.47782D-02	2.89039D-03	2.53974D-02	1.32896D-04	-1.42625D-04	1.54948D-05
128	-2.46548D-02	2.46011D-03	1.84061D-02	9.50102D-05	-1.71367D-04	2.05664D-05
129	-2.46494D-02	2.32948D-03	1.73167D-02	8.34662D-05	-1.80482D-04	3.36418D-05
130	-2.66699D-02	1.22922D-03	1.51909D-02	6.82730D-05	-1.84732D-04	1.02066D-04
131	-2.24122D-02	2.43378D-03	1.51951D-02	4.51015D-05	-2.08986D-04	6.36569D-05
132	-1.58302D-03	6.08761D-08	7.45043D-03	-1.59239D-05	-1.75672D-04	6.14343D-05
133	-1.63980D-03	-2.39004D-03	-1.32186D-03	-3.59689D-07	1.71983D-05	-2.79319D-05
134	-2.97049D-02	-2.64615D-07	1.51775D-02	9.33162D-05	-1.81755D-04	1.63548D-04
135	-3.25754D-02	-1.65016D-03	1.51649D-02	1.21500D-04	-1.69235D-04	2.17797D-04
136	-3.59915D-02	-4.44179D-03	1.51509D-02	1.40099D-04	-1.30291D-04	2.62643D-04
137	-4.39004D-02	-5.14168D-03	1.89842D-02	1.50653D-04	-1.31101D-04	2.86828D-04
138	-3.81410D-02	-7.38287D-03	1.51207D-02	1.38477D-04	-7.20169D-05	2.58300D-04
139	-3.16676D-02	-4.85073D-03	8.33391D-03	1.07252D-04	2.50539D-04	2.40678D-04
140	-2.29254D-02	-3.27021D-07	-4.90919D-04	7.88669D-05	2.17543D-04	2.33049D-04
141	-2.12451D-02	1.21477D-03	-2.19038D-03	6.59129D-05	1.85755D-04	2.37094D-04
142	-2.43808D-02	2.04076D-03	-5.31706D-03	-3.32036D-03	8.48092D-04	3.39365D-03
143	-2.64676D-02	2.09452D-03	-7.40004D-03	-4.75570D-03	9.62259D-04	4.76182D-03
144	-2.99613D-02	1.94468D-03	-1.08877D-02	-7.00963D-03	9.35250D-04	6.94776D-03
145	-3.37558D-02	1.61495D-03	-1.46775D-02	-8.44462D-03	7.32357D-04	8.37329D-03
146	-3.08199D-01	-1.07969D-02	-2.86838D-01	-1.08278D-02	8.37217D-04	1.09301D-02
147	-3.60910D-02	1.17355D-03	-1.70129D-02	-8.47619D-03	4.48316D-04	8.35045D-03
148	-3.66824D-02	8.94136D-04	-1.76040D-02	-8.49529D-03	2.89618D-04	8.33884D-03
149	-3.70937D-02	4.66926D-04	-1.80150D-02	-8.51271D-03	1.61752D-04	8.33104D-03
150	-3.73045D-02	1.35958D-08	-1.82258D-02	-8.51674D-03	1.20131D-04	8.32702D-03
151	-1.50986D-02	4.66927D-04	4.50148D-03	-8.63129D-03	1.16855D-04	8.41884D-03
152	-3.79558D-02	-1.02309D-03	-1.88769D-02	-8.51675D-03	1.20855D-04	8.32700D-03
153	3.05069D-02	4.66929D-04	5.13713D-02	-8.78146D-03	2.49206D-05	8.53051D-03
154	6.40762D-02	9.17323D-06	8.59355D-02	-8.78994D-03	1.81112D-05	8.53683D-03
155	-1.97093D-02	4.43547D-07	-4.76735D-03	-1.00730D-04	-1.11854D-04	2.42006D-04
156	-2.42042D-02	-1.55242D-03	-9.27069D-03	-2.57614D-04	-1.71305D-04	2.56543D-04
157	-2.67161D-02	-1.35975D-03	-1.18384D-02	-2.96126D-04	-1.56232D-04	2.72158D-04
158	-3.47762D-02	-4.10009D-04	-1.98127D-02	-3.06952D-04	-1.56719D-04	2.91170D-04
159	-2.88573D-02	-6.69781D-04	-1.39545D-02	-3.03076D-04	-1.30139D-04	2.59002D-04
160	-2.97178D-02	-1.34851D-07	-1.48761D-02	-3.03604D-04	-6.41856D-05	2.40972D-04
161	-2.68714D-02	9.36242D-04	-1.12926D-02	-2.70895D-04	1.51824D-04	1.84622D-04
162	-1.98970D-02	7.52324D-09	1.41794D-03	-2.41523D-04	1.46565D-04	1.09484D-04
163	-1.90522D-02	-1.59581D-04	3.48543D-03	-2.36587D-04	1.18068D-04	9.36484D-05
164	-1.86247D-02	-2.47908D-04	4.61734D-03	-2.33013D-04	9.66285D-05	8.32055D-05
165	-1.79454D-02	-4.75515D-04	7.56130D-03	-2.11787D-04	8.06428D-06	3.47263D-05
166	3.33758D-03	-1.38653D-02	2.22379D-03	-2.86565D-04	-4.55657D-05	-6.53129D-05
167	4.51597D-03	-1.38199D-02	-2.67824D-03	-2.87330D-04	-4.64722D-05	-7.08781D-05
168	3.72949D-03	-1.28135D-02	-1.55057D-04	-2.86601D-04	-4.69739D-05	-7.59913D-05
169	3.59213D-03	-1.07647D-02	-7.63520D-04	-2.80730D-04	-4.49586D-05	-1.21635D-04
170	3.29024D-03	-2.70334D-03	-2.07583D-03	-2.53869D-04	-2.91780D-05	-1.98124D-04
171	2.63875D-03	-2.70346D-03	-1.23125D-03	-2.55937D-04	-2.91780D-05	-1.95612D-04
172	2.11509D-03	-2.70356D-03	-5.41423D-04	-2.57140D-04	-2.91780D-05	-1.94259D-04
173	1.12014D-03	-2.70360D-03	7.77020D-04	-2.57304D-04	-2.91780D-05	-1.94104D-04
174	-1.90128D-04	-2.70361D-03	2.51462D-03	-2.57472D-04	-2.91780D-05	-1.94117D-04
175	3.25170D-03	-1.20185D-03	-2.23905D-03	-2.47870D-04	-2.68947D-05	-2.03237D-04

176	6.83342D-04	2.62693D-03	-2.10025D-09	-1.91358D-04	-2.65272D-05	-1.90591D-04
177	-2.23537D-04	-5.02590D-09	6.78778D-04	-1.30687D-05	-1.76179D-05	6.85463D-05
178	-2.25188D-04	-8.47534D-03	6.40718D-10	4.30773D-05	1.51475D-06	1.23990D-04
179	-4.91515D-04	-1.96279D-09	1.61283D-03	1.13251D-04	-4.13444D-06	-1.10434D-04
180	-2.00176D-05	8.00620D-03	6.58443D-05	4.66756D-05	-8.03287D-06	4.50487D-05
181	-7.93089D-07	7.62129D-03	2.59631D-06	4.04248D-05	-5.39759D-06	6.05426D-05
182	-6.69600D-06	6.56772D-04	3.37442D-05	2.79699D-05	-3.68662D-07	5.32323D-05
183	-5.74039D-06	3.62118D-04	3.10172D-05	2.84337D-05	-5.55995D-07	5.11115D-05
184	-3.42686D-04	2.44537D-05	2.54556D-04	3.11731D-05	-2.29234D-06	4.28482D-05
185	-1.90351D-06	-2.83191D-04	1.84708D-05	2.93293D-05	-8.75563D-07	4.61579D-05
186	4.61949D-06	-3.50490D-04	-4.88436D-07	2.69587D-05	1.81677D-07	2.25938D-05
187	2.90102D-06	-2.98737D-04	7.63608D-07	2.48796D-05	2.22960D-07	2.20956D-05
188	9.77303D-07	-2.63683D-04	2.22713D-06	2.26847D-05	2.66514D-07	2.18446D-05
189	-4.95492D-05	-1.16968D-04	1.62486D-05	4.04246D-06	8.73364D-07	1.03460D-05
190	-1.81504D-02	-2.93427D-09	-1.29215D-09	-1.61368D-04	-8.98099D-05	-1.07133D-05
191	-1.81808D-02	-7.23615D-09	-1.20268D-02	-1.04983D-04	-1.96936D-05	2.04691D-05
192	-1.81792D-02	-1.43690D-04	-1.21287D-02	-1.02750D-04	-1.28359D-05	2.27166D-05
193	-1.82259D-02	-4.19586D-04	-1.29072D-02	-5.29087D-05	-2.93610D-06	-1.54944D-05
194	-6.62044D-03	-7.93859D-04	-2.03261D-03	-4.62586D-05	1.42631D-04	7.83414D-05
195	-1.60744D-03	-1.51556D-04	-4.95160D-04	-2.01927D-05	8.75916D-05	3.42573D-05
196	-1.80522D-03	-4.34753D-04	-1.81081D-03	1.50616D-04	-1.64506D-05	-1.83570D-04
197	1.30189D-03	-4.01496D-04	7.35353D-04	1.49190D-04	-1.66045D-05	-1.81893D-04
198	-3.90116D-04	2.96901D-04	-7.17490D-04	1.46798D-04	-1.63972D-05	-1.78212D-04
199	-5.36481D-04	3.79488D-03	-1.64038D-04	2.55499D-05	3.33170D-05	2.77301D-06
200	-7.00818D-04	3.61505D-03	3.67764D-04	1.93676D-05	2.82499D-05	2.87920D-05
201	-5.90839D-04	3.61512D-03	3.08761D-04	1.67434D-05	2.76650D-05	3.62593D-05
202	-5.12395D-04	3.61515D-03	2.75496D-04	1.58382D-05	2.73007D-05	3.88410D-05
203	-3.83605D-04	3.48140D-03	3.15519D-04	1.57169D-05	2.61344D-05	3.90287D-05
204	-4.40351D-04	3.23273D-03	5.03006D-04	1.60637D-05	2.42707D-05	3.86113D-05
205	-4.86300D-04	3.01841D-03	6.54970D-04	1.69817D-05	2.30739D-05	3.62339D-05
206	-8.39765D-04	3.01810D-03	8.16015D-04	1.59420D-05	2.22489D-05	4.59884D-05
207	-1.01670D-03	1.30619D-03	1.38307D-03	1.94598D-05	8.41965D-06	4.71330D-05
208	-9.00678D-04	3.31866D-09	9.74928D-04	4.24171D-05	-8.99422D-06	6.56130D-06
209	7.22115D-02	6.16521D-03	6.96857D-02	8.83482D-04	8.96222D-04	-2.37627D-03
210	6.46196D-02	5.50286D-03	6.66287D-02	8.86980D-04	9.38984D-04	-2.38858D-03
211	1.16927D-01	3.43785D-03	8.54936D-02	9.09040D-04	9.38643D-04	-2.41874D-03
212	5.65465D-02	4.79925D-03	6.33708D-02	8.70435D-04	9.82863D-04	-2.36650D-03
213	5.62819D-03	4.55259D-08	4.28472D-02	6.32472D-04	1.57054D-03	-1.84343D-03
214	-1.39118D-01	-3.19597D-08	-8.33501D-02	5.44199D-05	-5.23375D-04	1.09764D-03
215	-1.37704D-03	5.77825D-03	-8.17371D-03	-3.47066D-04	-1.08903D-04	1.51641D-04
216	-6.74826D-04	1.37599D-03	-8.17524D-03	-2.92760D-04	1.44223D-05	1.06419D-04
217	-6.76681D-04	3.74385D-03	-7.62716D-03	-3.18817D-04	-4.85781D-05	1.15589D-04
218	-1.24061D-04	5.01030D-03	-6.48115D-08	-1.91684D-04	-1.68792D-05	-1.36732D-05
219	-2.32199D-03	5.01119D-03	1.02823D-02	-7.50696D-05	5.35616D-05	-3.63796D-05
220	-2.39495D-03	5.01117D-03	1.04312D-02	-7.44984D-05	5.40035D-05	-3.64431D-05
221	-2.41549D-03	4.79842D-03	1.01582D-02	-7.44991D-05	5.39822D-05	-3.64332D-05
222	-2.46797D-03	5.01112D-03	1.05786D-02	-7.39429D-05	5.44656D-05	-3.65119D-05
223	-3.07043D-03	5.00946D-03	1.16041D-02	-5.91166D-05	6.92027D-05	-3.85632D-05
224	-3.14764D-03	5.00940D-03	1.17208D-02	-5.87434D-05	6.96649D-05	-3.86233D-05
225	-3.17197D-03	4.78804D-03	1.13588D-02	-5.87442D-05	6.96411D-05	-3.86135D-05
226	-3.22489D-03	5.00931D-03	1.18365D-02	-5.83946D-05	7.01498D-05	-3.86910D-05
227	-1.82061D-03	2.06193D-03	5.24437D-03	2.23905D-05	1.39257D-04	-4.80162D-05
228	-6.73308D-04	7.34917D-08	-7.42516D-03	-2.56993D-04	7.47488D-05	7.94216D-05
229	-3.09279D-04	-5.34399D-04	-5.23924D-03	-2.05861D-04	9.88018D-05	5.20857D-05
230	-1.14102D-04	-5.34250D-04	-4.45466D-03	-1.88133D-04	9.64581D-05	4.59960D-05
231	-5.09434D-09	-1.17114D-03	-6.73860D-08	-2.11978D-05	2.84450D-04	-2.90159D-05
232	1.55581D-03	-9.47708D-04	-9.87022D-04	2.36565D-05	9.61507D-05	1.85634D-05
233	1.51846D-03	-9.47227D-04	-9.39525D-04	2.38055D-05	9.57765D-05	1.86677D-05
234	2.04355D-03	-1.08126D-03	-9.21782D-04	2.38079D-05	9.57807D-05	1.86680D-05
235	1.48083D-03	-9.46739D-04	-8.91704D-04	2.39517D-05	9.53982D-05	1.87688D-05

236	2.80938D-10	-5.29633D-04	1.21980D-09	1.90143D-05	3.33969D-05	-8.25752D-06
237	-8.06986D-06	-5.29585D-04	-1.86006D-05	1.85695D-05	3.28110D-05	-7.77860D-06
238	-5.29311D-05	-5.29503D-04	-1.28138D-04	1.80678D-05	3.20550D-05	-7.14096D-06
239	-5.29337D-05	-4.84738D-04	7.38427D-05	1.80678D-05	3.20588D-05	-7.11626D-06
240	-9.39986D-05	-5.29400D-04	-2.35046D-04	1.76863D-05	3.12897D-05	-6.51901D-06
241	7.68768D-06	-2.09901D-05	-3.84607D-05	-8.93766D-06	4.03913D-07	-2.65040D-07
242	5.51365D-06	-2.34351D-05	-4.19433D-06	-5.79787D-06	-1.51256D-07	-4.98548D-07
243	5.50358D-06	-1.54188D-05	-3.56433D-06	-5.10672D-06	3.09474D-07	-1.01040D-06
244	1.76122D-06	-5.00472D-06	-1.45734D-07	-6.21477D-07	-1.77635D-07	-4.99141D-07
245	7.98366D-07	-1.99681D-06	-1.00148D-07	-4.13953D-07	-1.35548D-07	-3.58821D-07
246	3.06035D-06	-1.99691D-06	-2.70930D-06	-4.14091D-07	-1.35548D-07	-3.58977D-07
247	1.10679D-07	-1.37135D-07	-5.44381D-08	-2.38545D-07	-8.56268D-08	-2.18115D-07
248	2.13423D-06	-1.27289D-05	-7.32735D-08	8.68306D-07	2.00714D-07	-1.11579D-06
249	1.00163D-06	-6.72956D-06	-5.01386D-08	8.77932D-07	1.60677D-07	-8.02043D-07
250	6.05729D-06	-6.72989D-06	5.48335D-06	8.78211D-07	1.60677D-07	-8.02352D-07
251	1.56346D-07	-1.42623D-06	-2.72541D-08	6.35658D-07	1.04375D-07	-4.87534D-07
252	-2.49306D-04	1.11994D-03	-6.72577D-04	1.32677D-04	-1.00889D-05	-1.53250D-04

M O D A L A N A L Y S I S

MODE NUMBER 7
FREQUENCY= 11.0996 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-8.91151D-04	1.18725D-03	2.60491D-04	2.31323D-05	1.31740D-05	-1.96361D-05
3	-4.15262D-04	2.06666D-03	1.42148D-03	1.06819D-04	2.61619D-06	-6.11169D-05
4	7.17595D-04	2.06538D-03	3.39409D-03	1.09734D-04	1.81653D-06	-6.46736D-05
5	1.85367D-03	1.95790D-03	5.07560D-03	1.11354D-04	-1.87699D-06	-8.82536D-05
6	2.42704D-03	9.23562D-04	5.72732D-03	1.01529D-04	4.73646D-06	-1.06982D-04
7	2.16546D-03	-1.56458D-03	5.25034D-03	1.04729D-04	1.75662D-05	-1.11370D-04
8	3.18316D-04	-3.86095D-03	2.79430D-03	1.24646D-04	2.04521D-05	-1.00508D-04
9	1.04324D-04	-5.86150D-04	2.60915D-03	1.38346D-04	4.83616D-06	-9.19661D-05
10	-3.04269D-05	-6.71851D-09	2.48170D-03	1.22828D-04	1.32981D-05	-8.17809D-05
11	-8.48147D-04	2.90012D-03	1.74419D-03	-2.18233D-05	-3.56232D-05	-4.55964D-05
12	3.00400D-03	-5.51495D-08	1.74206D-03	-5.71920D-05	-8.01497D-05	-3.90387D-05
13	5.24355D-03	-6.64002D-04	-8.77803D-04	-6.92092D-05	-1.47243D-04	-4.06953D-05
14	5.12011D-03	-6.92514D-04	-1.93595D-02	-3.01058D-05	-5.81614D-05	-1.37714D-06
15	2.77624D-03	-1.12468D-03	-1.92772D-02	8.22806D-06	1.02456D-04	-1.87842D-05
16	-1.59921D-04	-3.73405D-04	-1.59213D-02	1.19649D-05	1.64030D-04	-2.44339D-05
17	-1.90117D-04	1.26046D-03	-4.39684D-03	7.48440D-06	8.15435D-05	-8.68368D-06
18	1.96693D-04	1.29560D-03	-3.37911D-03	7.52838D-06	5.65963D-05	-2.18645D-06
19	7.89684D-04	1.21738D-03	-2.78163D-03	6.29149D-06	4.84931D-05	1.62752D-06
20	1.05210D-03	1.10677D-03	-2.16342D-03	6.15652D-06	3.75455D-05	7.82208D-06
21	1.03411D-03	4.22503D-04	-4.57295D-04	3.02101D-06	2.63470D-05	1.68137D-05
22	4.82344D-04	7.25703D-06	1.89194D-05	-5.22439D-07	1.44328D-05	1.66110D-05
23	5.15661D-11	3.00568D-12	3.87521D-12	-1.26830D-10	1.40753D-09	2.33624D-09
25	3.11818D-02	3.98279D-03	9.94726D-03	1.81987D-04	-5.06525D-04	-3.12528D-04
26	4.96403D-02	7.32850D-03	1.92848D-02	3.70577D-04	-4.78039D-04	-4.26871D-04
27	5.44643D-02	7.32890D-03	2.34331D-02	3.74652D-04	-4.44807D-04	-4.28118D-04
28	6.18266D-02	2.04567D-03	3.55510D-02	1.85908D-04	-3.49613D-05	-9.29505D-05
29	6.18403D-02	1.13398D-03	3.57795D-02	1.79922D-04	-1.67576D-06	-7.25761D-05
30	6.15113D-02	7.10158D-04	-1.72594D-02	3.15175D-04	1.35183D-04	-1.10571D-05
31	8.18625D-02	2.58633D-04	2.39852D-02	4.52706D-04	5.75375D-04	-4.32465D-04
32	2.79242D-02	-3.39893D-04	-3.01083D-02	1.58147D-04	8.52120D-04	-2.10072D-04
33	6.88091D-03	3.65405D-04	-3.16264D-02	-5.95829D-05	5.03788D-04	-6.97598D-05
34	-6.03019D-03	2.03024D-03	-1.88300D-02	-2.04027D-05	-5.62211D-05	-6.01050D-05
35	-4.70809D-03	2.03513D-03	-1.93397D-02	-2.95400D-05	-1.05406D-04	-4.76287D-05
36	2.45889D-03	-1.12684D-03	5.71087D-03	9.25016D-05	1.12323D-06	-9.01673D-05
37	2.77643D-03	-1.85849D-03	6.01406D-03	-5.62534D-06	-1.44812D-05	-6.46078D-06
38	8.04376D-04	-1.86898D-03	2.03101D-04	-7.45455D-05	-1.76836D-05	5.85734D-06
39	5.99926D-04	2.31252D-05	-7.16390D-04	-6.76286D-05	-8.59194D-06	-2.74176D-05
40	2.57336D-04	4.43476D-04	-1.84686D-04	-6.16569D-05	-7.68510D-06	-3.73008D-05
41	-3.83998D-06	4.43598D-04	2.42301D-04	-6.00819D-05	-6.96491D-06	-3.65170D-05
42	-2.34996D-04	2.72996D-05	7.11819D-04	-3.87595D-05	-6.93790D-06	-2.98290D-05
43	-1.27428D-04	-5.81936D-04	7.11866D-04	-3.56847D-05	-6.40844D-06	-2.63492D-05
44	-7.08327D-05	-6.61398D-04	6.53766D-04	-3.17595D-05	-6.83664D-06	-1.96598D-05
45	-7.30531D-05	-1.36498D-03	2.37701D-04	8.15246D-07	5.35162D-06	5.39162D-06
46	-7.52591D-05	-1.37265D-03	2.52204D-04	1.84227D-06	5.57193D-06	6.74830D-07
47	-2.93773D-05	-7.38126D-04	-1.17476D-05	1.55811D-05	1.02061D-06	2.79594D-05
48	-3.16193D-05	-8.15380D-04	-7.55529D-06	2.09089D-05	1.62163D-07	1.87803D-05
49	-2.96066D-05	-1.55839D-04	-8.96238D-06	6.90026D-06	1.37238D-07	8.48644D-06
50	-3.00966D-05	-6.05500D-05	-7.88157D-06	1.21573D-06	-2.89528D-07	5.25464D-06
51	-2.89528D-05	-3.36971D-05	-6.58226D-06	1.18961D-06	-3.23974D-07	4.91280D-06

52	-1.39637D-07	9.55148D-08	-2.18863D-08	-3.27746D-08	5.28283D-08	9.78711D-08
53	8.84907D-14	7.97298D-13	6.88511D-14	-3.55465D-12	4.57824D-12	1.08491D-11
54	3.86620D-03	1.18457D-03	1.04272D-03	-3.89753D-04	1.43717D-04	6.02639D-04
55	-3.97007D-04	-4.89705D-03	-2.70960D-04	-2.74969D-04	9.33696D-05	3.85038D-04
56	-8.61214D-04	-8.09836D-03	-2.14160D-04	-1.23278D-05	-2.26514D-06	1.00290D-04
57	-9.39598D-04	-2.32839D-05	2.38966D-04	1.85535D-05	4.31596D-06	1.18448D-05
58	-6.39945D-04	-2.00737D-04	1.54742D-04	1.15489D-05	2.36980D-06	3.94672D-05
59	-2.20755D-05	-2.10471D-04	-3.61180D-05	1.40724D-05	1.29213D-06	3.19196D-05
60	2.47083D-03	-5.91562D-04	6.02123D-03	1.57943D-04	7.42674D-06	-1.17700D-04
61	4.81699D-03	1.69110D-04	8.25628D-03	9.05947D-05	3.14917D-05	-1.95685D-04
62	-8.84229D-04	-5.99789D-05	5.97082D-03	5.02672D-05	1.11011D-04	-1.43588D-04
63	-2.11126D-03	-9.30960D-04	4.04553D-03	7.62779D-05	1.50350D-04	-5.33222D-05
64	-2.13475D-03	-2.25072D-03	-6.99638D-03	4.82696D-05	1.34036D-04	1.58616D-05
65	-3.75972D-03	-1.18294D-03	-7.75515D-03	5.07263D-05	8.10311D-05	1.48014D-04
66	-8.36191D-03	-1.18109D-03	-6.33869D-03	4.36938D-05	5.64869D-05	1.53096D-04
67	-1.05328D-02	-1.15774D-04	-5.99961D-03	4.50917D-07	-2.96286D-05	7.71938D-05
68	-1.18688D-03	1.18515D-03	-5.76054D-04	-2.36728D-05	-6.21184D-05	1.99479D-05
69	-8.38946D-04	1.03941D-03	-4.69965D-04	-2.35611D-05	-2.99532D-05	1.77124D-05
70	-9.25183D-05	1.81265D-04	-4.62398D-04	-1.73985D-05	-5.82588D-06	8.50051D-06
71	-6.21822D-05	3.48171D-04	-2.35987D-04	-1.56685D-05	-4.63428D-06	4.41955D-06
72	-3.28866D-05	3.64346D-04	-5.40270D-05	-8.97093D-06	-1.94520D-06	4.46739D-07
73	-1.29335D-04	3.64196D-04	5.21273D-04	-2.25413D-06	2.70124D-06	-1.73610D-06
74	-1.50933D-04	2.97685D-04	4.34544D-04	1.94924D-06	6.45578D-06	-3.91763D-06
76	-9.09926D-05	-3.88747D-05	-4.43562D-04	-1.23003D-05	4.81492D-06	4.49963D-06
77	-8.97232D-05	-1.11416D-04	-2.41270D-04	-8.38300D-06	8.89774D-06	1.89393D-06
78	-1.20696D-05	-6.18288D-05	-3.13065D-06	4.21059D-07	1.82156D-05	-3.80550D-06
79	1.00484D-04	-4.83792D-05	-3.58062D-05	7.69603D-07	6.24625D-06	1.94057D-06
80	4.41459D-06	-8.44863D-06	6.89000D-09	6.59910D-07	5.89641D-07	-2.66029D-08
82	-2.83058D-06	-3.84840D-05	-2.50105D-06	1.79652D-07	1.72195D-06	-1.31324D-07
83	-2.86613D-06	-3.32349D-05	-1.11134D-05	1.92268D-07	1.04613D-06	1.32760D-06
84	-8.31604D-06	-7.89627D-06	-2.63502D-05	6.14581D-08	8.00201D-07	1.42549D-06
85	-4.51572D-06	-1.77661D-06	-2.80337D-05	-5.59749D-07	4.67784D-07	4.59643D-07
86	4.31837D-07	-1.54681D-06	-2.60636D-07	-3.04076D-07	2.28898D-08	-6.99247D-08
87	3.49702D-07	-1.35440D-06	-1.00645D-07	-2.27035D-07	-4.59229D-08	1.72541D-09
88	1.81641D-07	-6.80426D-07	-1.17075D-08	-6.96657D-08	-1.76328D-08	-1.81074D-08
90	3.73912D-07	-9.27468D-07	-5.36348D-08	-1.05249D-07	3.07096D-08	-9.51234D-08
91	2.42958D-07	-7.81481D-07	1.22601D-09	4.56007D-08	2.03176D-08	-7.41652D-08
93	-1.32261D-04	9.64315D-05	4.24745D-05	5.39229D-06	7.33050D-06	-5.80172D-06
94	-6.34644D-04	7.16429D-04	1.87429D-04	1.69625D-05	1.27370D-05	-1.53122D-05
95	2.44531D-03	1.42600D-03	5.75919D-03	1.01880D-04	3.28619D-06	-1.05805D-04
96	2.45211D-03	-3.56811D-04	5.71430D-03	9.66512D-05	2.16627D-06	-9.70598D-05
97	2.39826D-03	4.10261D-04	5.67555D-03	1.01885D-04	6.95790D-06	-1.08508D-04
98	2.36656D-03	-8.65083D-10	5.61807D-03	1.02271D-04	8.97340D-06	-1.09509D-04
99	-1.04663D-04	-2.85069D-03	2.36952D-03	1.33222D-04	3.07358D-06	-9.39194D-05
100	-2.06176D-05	-2.01522D-03	2.45176D-03	1.36798D-04	-5.64420D-06	-9.15833D-05
101	1.09393D-04	-9.55878D-04	2.60598D-03	1.38457D-04	-6.07272D-07	-9.13569D-05
102	3.46795D-05	-2.19592D-04	2.54399D-03	1.29170D-04	1.03317D-05	-8.54341D-05
103	1.12281D-03	-5.88650D-04	4.12524D-03	1.51148D-04	6.02842D-06	-1.05298D-04
104	-5.18121D-04	2.67095D-03	1.74403D-03	-3.36812D-05	-4.67072D-05	-4.48695D-05
105	5.27819D-04	1.89291D-03	1.74390D-03	-4.06350D-05	-5.39986D-05	-4.44555D-05
106	1.74180D-03	1.79291D-03	7.90735D-04	-4.01962D-05	-5.40355D-05	-4.53383D-05
107	1.73743D-03	9.55030D-04	1.74306D-03	-4.79289D-05	-6.32278D-05	-4.22460D-05
108	5.24443D-03	-3.44300D-04	-2.08451D-03	-6.93822D-05	-1.53783D-04	-4.40093D-05
109	9.44517D-03	-5.37725D-04	-2.08603D-03	-2.46599D-06	-8.45033D-04	-4.02262D-03
110	1.24064D-02	-5.03594D-04	-2.08667D-03	1.40393D-05	-9.93514D-04	-5.72774D-03
111	1.76283D-02	-3.79414D-04	-2.08768D-03	2.52260D-05	-1.04747D-03	-8.42751D-03
112	2.38458D-02	-2.20598D-04	-2.08847D-03	1.90719D-05	-9.20502D-04	-1.01669D-02
113	3.55831D-01	1.99736D-02	-3.68726D-03	-2.29556D-06	-1.09582D-03	-1.31786D-02
114	2.84570D-02	-1.19010D-04	-2.08852D-03	1.57540D-05	-6.83194D-04	-1.01723D-02
115	2.99658D-02	-8.16401D-05	-2.08854D-03	1.39331D-05	-5.50621D-04	-1.01770D-02

116	3.14934D-02	-3.91839D-05	-2.08857D-03	1.25082D-05	-4.43818D-04	-1.01830D-02
117	3.27846D-02	1.23482D-09	-2.08859D-03	1.19945D-05	-4.09111D-04	-1.01830D-02
118	4.57880D-03	-3.91838D-05	-2.12618D-03	1.58042D-05	-4.04416D-04	-1.03111D-02
119	3.59084D-02	9.14702D-05	-2.08860D-03	1.19961D-05	-4.09767D-04	-1.01830D-02
120	-5.13594D-02	-3.91834D-05	-2.22424D-03	1.99297D-05	-3.23734D-04	-1.04737D-02
121	-9.18063D-02	1.23358D-05	-2.30344D-03	2.01609D-05	-3.17759D-04	-1.04829D-02
122	5.23653D-03	2.68964D-08	-3.63429D-03	-7.03258D-05	-1.55725D-04	-3.05794D-05
123	5.22124D-03	3.47970D-04	-6.64480D-03	-7.21187D-05	-1.55172D-04	-1.05051D-05
124	5.18112D-03	4.37425D-05	-1.35383D-02	-7.66481D-05	-1.19964D-04	1.32570D-05
125	5.17250D-03	-1.08025D-04	-1.46915D-02	-7.75917D-05	-1.06870D-04	1.33376D-05
126	5.15838D-03	-3.91141D-04	-1.67665D-02	-7.87618D-05	-8.75066D-05	1.02090D-05
127	5.16265D-03	-5.92273D-04	-1.91709D-02	-8.94268D-05	-8.77475D-05	7.34443D-06
128	5.13978D-03	-6.08488D-04	-1.83481D-02	-5.82400D-05	-7.02576D-05	7.39325D-06
129	5.13287D-03	-6.54773D-04	-1.87301D-02	-4.83102D-05	-6.47694D-05	4.79815D-06
130	4.30141D-03	-4.09103D-04	-1.93612D-02	-2.68127D-05	-8.03760D-05	-8.07663D-06
131	5.58669D-03	-9.64706D-04	-1.93488D-02	-2.13553D-05	-2.96495D-05	-3.89658D-06
132	-1.64792D-04	-2.77105D-08	-1.34089D-02	1.12446D-05	1.54655D-04	-2.30079D-05
133	1.04708D-03	9.64646D-04	-1.61996D-03	5.27295D-06	3.39322D-05	1.05941D-05
134	2.63605D-03	3.25977D-08	-1.93631D-02	-2.73613D-05	-1.03822D-04	-1.84304D-05
135	9.36638D-04	4.23953D-04	-1.93640D-02	-3.23125D-05	-1.15147D-04	-2.75661D-05
136	-1.57336D-03	1.14814D-03	-1.93643D-02	-3.92865D-05	-1.17545D-04	-3.51184D-05
137	-8.33877D-04	1.28525D-03	-2.09286D-02	-5.09415D-05	-1.18263D-04	-3.46981D-05
138	-4.03476D-03	1.86001D-03	-1.93465D-02	-3.18364D-05	-1.10979D-04	-4.35255D-05
139	-6.20101D-03	6.66803D-04	-1.86287D-02	-2.99175D-05	7.56896D-05	-6.91029D-05
140	6.53079D-04	2.33151D-07	-2.54386D-02	-6.72589D-05	3.66308D-04	-5.27678D-05
141	4.13968D-03	2.63824D-04	-2.89131D-02	-7.70380D-05	4.54772D-04	-4.81861D-05
142	-1.80844D-03	-1.39895D-04	-3.48781D-02	-5.35906D-03	1.57160D-03	5.29769D-03
143	-5.62131D-03	-2.42534D-04	-3.86981D-02	-7.63094D-03	1.77117D-03	7.57971D-03
144	-1.20216D-02	-3.92248D-04	-4.51096D-02	-1.12395D-02	1.74533D-03	1.11831D-02
145	-1.91582D-02	-6.52384D-04	-5.22550D-02	-1.35738D-02	1.42344D-03	1.34953D-02
146	-4.56576D-01	-2.08773D-02	-4.96230D-01	-1.77562D-02	1.57957D-03	1.73369D-02
147	-2.39685D-02	-7.12739D-04	-5.70670D-02	-1.35331D-02	9.71554D-04	1.35504D-02
148	-2.53883D-02	-5.99635D-04	-5.84873D-02	-1.35122D-02	7.19103D-04	1.35835D-02
149	-2.66587D-02	-3.34705D-04	-5.97581D-02	-1.34980D-02	5.15725D-04	1.36136D-02
150	-2.76106D-02	-2.39682D-08	-6.07103D-02	-1.34909D-02	4.49587D-04	1.36207D-02
151	9.35759D-03	-3.34704D-04	-2.41187D-02	-1.36422D-02	4.41970D-04	1.38085D-02
152	-3.00404D-02	6.99638D-04	-6.31402D-02	-1.34909D-02	4.50791D-04	1.36207D-02
153	8.43620D-02	-3.34702D-04	4.97895D-02	-1.38255D-02	2.90949D-04	1.40554D-02
154	1.39231D-01	8.68577D-05	1.03742D-01	-1.38359D-02	2.79763D-04	1.40693D-02
155	3.35052D-02	-3.00533D-07	-2.45307D-02	2.05549D-04	8.73448D-04	-2.42885D-04
156	5.78964D-02	2.20000D-04	-1.44532D-04	3.94551D-04	8.21005D-04	-4.01478D-04
157	6.95232D-02	4.51362D-04	1.17230D-02	4.42927D-04	7.46326D-04	-4.62571D-04
158	8.43953D-02	-1.08230D-03	2.27337D-02	4.55577D-04	7.48361D-04	-5.09435D-04
159	8.00224D-02	3.33750D-04	2.20694D-02	4.50236D-04	6.53519D-04	-4.44665D-04
160	8.49122D-02	1.19646D-07	2.71990D-02	4.53174D-04	4.21714D-04	-4.11905D-04
161	8.35599D-02	-3.90264D-04	2.51956D-02	4.28590D-04	-3.41344D-04	-2.87717D-04
162	6.57784D-02	-2.29276D-09	-6.85512D-03	3.92784D-04	-3.79053D-04	-1.63757D-04
163	6.35617D-02	7.16553D-05	-1.21738D-02	3.85087D-04	-2.99499D-04	-1.41804D-04
164	6.24647D-02	1.14946D-04	-1.49883D-02	3.79558D-04	-2.39360D-04	-1.27257D-04
165	6.10270D-02	3.16908D-04	-2.16110D-02	3.47306D-04	-4.96335D-06	-5.83744D-05
166	8.50123D-04	-1.86886D-03	7.25009D-04	-7.44108D-05	-1.76488D-05	6.92148D-06
167	7.45390D-04	-1.86556D-03	-5.49603D-04	-7.45979D-05	-1.76850D-05	5.79107D-06
168	7.74589D-04	-1.78580D-03	6.42776D-05	-7.44858D-05	-1.76543D-05	4.68135D-06
169	7.26297D-04	-1.57715D-03	-1.54377D-04	-7.36796D-05	-1.59465D-05	-5.27838D-06
170	6.24551D-04	-4.53627D-04	-6.08747D-04	-6.95840D-05	-9.98327D-06	-2.40894D-05
171	5.46387D-04	-4.53648D-04	-3.77419D-04	-7.00598D-05	-9.98327D-06	-2.32168D-05
172	4.84737D-04	-4.53664D-04	-1.88667D-04	-7.03389D-05	-9.98327D-06	-2.27371D-05
173	3.68435D-04	-4.53672D-04	1.71960D-04	-7.03776D-05	-9.98327D-06	-2.26797D-05
174	2.15416D-04	-4.53674D-04	6.47218D-04	-7.04214D-05	-9.98327D-06	-2.26651D-05
175	6.11810D-04	-2.18919D-04	-6.64625D-04	-6.86333D-05	-9.24696D-06	-2.58808D-05

176	1.43593D-04	4.43529D-04	-5.84539D-10	-6.10076D-05	-7.37645D-06	-3.70453D-05
177	-7.14908D-05	-8.06854D-10	2.91092D-04	-2.29432D-05	-6.42248D-06	-2.97563D-06
178	-7.23209D-05	-5.73418D-04	2.68001D-10	-1.09104D-05	-1.99970D-07	1.35961D-05
179	-1.87107D-04	3.37918D-10	6.15392D-04	1.49241D-05	-1.07322D-06	-2.00143D-05
180	-5.54638D-06	2.37532D-03	1.83719D-05	1.51315D-05	-4.00336D-06	5.54954D-06
181	4.81779D-06	2.33898D-03	-1.57725D-05	1.41418D-05	-3.14839D-06	1.08742D-05
182	-1.40764D-05	2.04009D-04	-5.47804D-05	1.37867D-05	1.28488D-06	3.22903D-05
183	-1.76847D-05	1.60060D-05	-4.63682D-05	1.39050D-05	1.29270D-06	3.21578D-05
184	-2.95785D-04	-2.11104D-04	5.87113D-05	1.23071D-05	1.91204D-06	3.73646D-05
185	-2.51159D-05	-4.26441D-04	-2.59850D-05	1.46879D-05	1.18960D-06	3.02848D-05
186	-2.49655D-05	-3.21876D-04	-1.27696D-05	1.75764D-05	-9.88755D-08	1.09009D-05
187	-2.44071D-05	-2.60971D-04	-1.31704D-05	1.61851D-05	-4.14650D-08	1.06942D-05
188	-2.43391D-05	-2.14069D-04	-1.32838D-05	1.46586D-05	4.66609D-09	1.06961D-05
189	-2.95429D-05	-4.70691D-05	-7.25994D-06	1.19756D-06	-3.05482D-07	5.07887D-06
190	6.17494D-02	-2.22530D-09	1.34872D-08	2.72403D-04	2.56159D-04	2.02692D-05
191	6.18568D-02	1.65277D-08	3.53551D-02	1.88833D-04	5.43394D-05	-5.50362D-05
192	6.18513D-02	3.85210D-04	3.56295D-02	1.85523D-04	3.30232D-05	-6.17954D-05
193	6.19092D-02	1.13813D-03	3.69192D-02	6.54780D-05	9.85757D-06	5.90710D-05
194	2.27512D-02	2.87993D-03	6.97292D-03	1.50648D-04	-4.90928D-04	-2.52550D-04
195	5.51805D-03	6.09122D-04	1.69450D-03	6.97697D-05	-3.00837D-04	-1.09210D-04
196	8.11341D-03	1.18384D-03	3.79564D-03	-3.94540D-04	1.42260D-04	6.08076D-04
197	-2.21494D-03	1.11100D-03	-2.87463D-03	-3.90030D-04	1.43728D-04	6.02857D-04
198	2.72020D-03	-4.16639D-04	6.91630D-04	-3.82445D-04	1.43900D-04	5.92139D-04
199	-8.45090D-04	-8.74851D-03	-2.58391D-04	2.36077D-06	-3.84671D-06	5.28458D-05
200	-8.25658D-04	-8.84512D-03	-3.04815D-04	2.62561D-05	-1.79159D-06	-2.40989D-05
201	-9.53580D-04	-8.84530D-03	-4.06990D-04	3.40177D-05	-1.70799D-06	-4.85981D-05
202	-1.06571D-03	-8.84541D-03	-4.80942D-04	3.66898D-05	-1.65592D-06	-5.69547D-05
203	-1.30574D-03	-8.57439D-03	-6.38202D-04	3.68255D-05	-1.41422D-06	-5.67491D-05
204	-1.30484D-03	-8.09335D-03	-6.47220D-04	3.59189D-05	-7.98706D-07	-5.33633D-05
205	-1.30518D-03	-7.68775D-03	-6.50947D-04	3.40961D-05	-3.29747D-07	-4.70375D-05
206	-8.15887D-04	-7.68701D-03	-3.17647D-04	4.24653D-05	7.26541D-08	-7.58946D-05
207	-8.24165D-04	-3.64830D-03	-2.52556D-04	4.64028D-05	3.02997D-06	-8.63008D-05
208	-9.34455D-04	2.25074D-09	2.16980D-04	1.90254D-05	4.48174D-06	9.96693D-06
209	4.16521D-03	2.58701D-04	8.00421D-03	8.55649D-05	5.25081D-05	-2.03879D-04
210	3.71966D-03	2.80933D-04	7.82565D-03	8.54838D-05	5.56602D-05	-2.04532D-04
211	8.18147D-03	1.01301D-04	9.67874D-03	8.80178D-05	5.56026D-05	-2.06673D-04
212	3.23753D-03	2.95743D-04	7.63123D-03	8.32912D-05	5.90027D-05	-2.02595D-04
213	-7.50811D-05	8.77300D-09	6.29723D-03	5.33255D-05	1.06590D-04	-1.53939D-04
214	-1.04546D-02	-3.53412D-09	-5.95393D-03	-5.29020D-07	-3.21057D-05	7.58472D-05
215	-1.80605D-04	3.60486D-04	-4.64212D-04	-1.95647D-05	-1.21148D-05	1.06894D-05
216	-9.20440D-05	9.74965D-05	-4.94474D-04	-1.58053D-05	-1.85096D-06	7.55043D-06
217	-9.25607D-05	2.65422D-04	-4.00411D-04	-1.71105D-05	-6.05877D-06	8.24896D-06
218	-3.08388D-05	3.64372D-04	-2.23080D-09	-8.52621D-06	-1.68975D-06	2.74921D-07
219	-8.52677D-05	3.64398D-04	4.48585D-04	-3.13996D-06	1.71633D-06	-1.41665D-06
220	-8.81147D-05	3.64396D-04	4.54808D-04	-3.11364D-06	1.73769D-06	-1.42373D-06
221	-8.88400D-05	3.56058D-04	4.46221D-04	-3.11365D-06	1.73674D-06	-1.42297D-06
222	-9.09736D-05	3.64392D-04	4.60965D-04	-3.08803D-06	1.75996D-06	-1.43125D-06
223	-1.15843D-04	3.64260D-04	5.03120D-04	-2.40209D-06	2.47013D-06	-1.66179D-06
224	-1.19176D-04	3.64256D-04	5.07857D-04	-2.38473D-06	2.49240D-06	-1.66874D-06
225	-1.20120D-04	3.54737D-04	4.94987D-04	-2.38475D-06	2.49135D-06	-1.66799D-06
226	-1.22520D-04	3.64249D-04	5.12544D-04	-2.36847D-06	2.51568D-06	-1.67622D-06
227	-7.86670D-05	1.53027D-04	2.26798D-04	1.62011D-06	5.98831D-06	-3.54826D-06
228	-9.13792D-05	4.56195D-09	-4.78954D-04	-1.35847D-05	2.70645D-06	5.68150D-06
229	-6.45947D-05	-3.88575D-05	-3.70051D-04	-1.08724D-05	4.65418D-06	3.82488D-06
230	-5.01565D-05	-3.88465D-05	-3.28388D-04	-1.00505D-05	4.55333D-06	3.43049D-06
231	-2.09796D-09	-6.16803D-05	-5.01817D-09	4.03259D-07	1.80781D-05	-3.71888D-06
232	1.16893D-04	-4.86770D-05	-4.18570D-05	6.72895D-07	6.50158D-06	1.88687D-06
233	1.13099D-04	-4.86490D-05	-4.05055D-05	6.81699D-07	6.47857D-06	1.89257D-06
234	1.48783D-04	-5.28287D-05	-3.90634D-05	6.81816D-07	6.47888D-06	1.89259D-06
235	1.09289D-04	-4.86208D-05	-3.91352D-05	6.90465D-07	6.45526D-06	1.89793D-06

236	1.31537D-11	-3.85060D-05	5.38052D-11	1.94788D-07	1.83971D-06	-2.64906D-07
237	-2.57071D-07	-3.85024D-05	-1.82114D-07	1.86994D-07	1.81449D-06	-2.37490D-07
238	-1.58079D-06	-3.84964D-05	-1.26066D-06	1.80248D-07	1.78196D-06	-1.99885D-07
239	-1.58087D-06	-3.72545D-05	9.96434D-06	1.80248D-07	1.78248D-06	-1.97959D-07
240	-2.67817D-06	-3.84886D-05	-2.32916D-06	1.78705D-07	1.74816D-06	-1.62197D-07
241	7.35154D-07	-1.56658D-06	-1.73413D-06	-3.91195D-07	6.11229D-08	-6.51731D-08
242	4.30478D-07	-1.76295D-06	-2.64917D-07	-2.69240D-07	5.26801D-10	-4.58509D-08
243	4.28947D-07	-1.13690D-06	-1.69670D-07	-2.17660D-07	2.33998D-08	-8.40519D-08
244	1.63291D-07	-6.10407D-07	-9.87116D-09	-6.04685D-08	-1.56154D-08	-1.48709D-08
245	7.59709D-08	-2.79074D-07	-6.78726D-09	-4.67242D-08	-1.23582D-08	-1.06953D-08
246	1.43418D-07	-2.79088D-07	-3.01290D-07	-4.67398D-08	-1.23582D-08	-1.07027D-08
247	1.15390D-08	-3.99140D-08	-3.68939D-09	-2.97175D-08	-7.97228D-09	-6.50131D-09
248	2.19580D-07	-7.13178D-07	1.03822D-09	5.07250D-08	1.91061D-08	-6.08973D-08
249	1.06583D-07	-3.72236D-07	7.22845D-10	4.96987D-08	1.61531D-08	-4.37790D-08
250	3.82569D-07	-3.72254D-07	3.13971D-07	4.97150D-08	1.61531D-08	-4.37988D-08
251	1.83973D-08	-7.67698D-08	3.92921D-10	3.55305D-08	1.07992D-08	-2.66117D-08
252	1.39105D-03	-2.16924D-03	2.81720D-04	-3.37880D-04	1.28346D-04	5.18357D-04

M O D A L A N A L Y S I S

MODE NUMBER 8
FREQUENCY= 11.3705 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-4.28730D-02	-1.10781D-02	1.09355D-02	-2.13321D-04	6.38412D-04	6.28730D-04
3	-6.92081D-02	-2.62901D-02	-5.49092D-03	-1.88188D-03	8.55646D-04	1.54102D-03
4	-9.77819D-02	-2.62532D-02	-4.03375D-02	-1.93272D-03	8.28722D-04	1.59327D-03
5	-1.24801D-01	-2.28376D-02	-7.36067D-02	-1.85405D-03	7.41020D-04	1.64461D-03
6	-1.39606D-01	-9.11997D-03	-9.36716D-02	-1.68038D-03	1.63934D-04	1.44951D-03
7	-1.38032D-01	1.21838D-02	-9.08767D-02	-1.66063D-03	-3.42904D-04	1.28030D-03
8	-7.46672D-02	8.66387D-03	-1.00514D-02	-1.47511D-03	-1.04962D-03	1.07524D-03
9	-1.60253D-02	-2.87221D-03	4.88859D-02	-9.85997D-04	-3.48259D-04	1.23383D-03
10	-1.22075D-02	-2.30690D-08	5.28565D-02	-8.92137D-04	-2.53313D-04	1.10830D-03
11	-1.60913D-02	-1.10299D-02	5.53317D-02	5.04006D-05	7.56457D-05	4.38295D-04
12	-1.64979D-02	-1.07791D-07	5.52737D-02	1.73199D-04	-4.95194D-05	2.61573D-04
13	-1.45943D-02	5.54549D-04	5.26027D-02	2.06952D-04	-1.31081D-04	5.99233D-05
14	-1.48296D-02	3.65937D-03	4.31579D-02	1.26971D-04	-1.48986D-04	7.14817D-05
15	-1.55973D-03	4.85816D-03	4.29812D-02	-4.86966D-05	-2.33965D-04	9.67624D-05
16	4.56609D-03	1.35048D-03	3.59841D-02	-6.41320D-05	-3.45095D-04	9.19522D-05
17	4.50899D-03	-2.83749D-03	1.08468D-02	-5.22144D-05	-2.00573D-04	5.97924D-06
18	3.39580D-03	-2.46829D-03	8.10443D-03	-5.14536D-05	-1.67404D-04	-9.64034D-06
19	1.51205D-03	-1.71972D-03	6.23547D-03	-4.63271D-05	-1.49442D-04	-1.67273D-05
20	6.74108D-04	-1.13850D-03	4.37914D-03	-3.94267D-05	-1.02833D-04	-2.19288D-05
21	6.37272D-04	-1.13898D-05	4.69148D-04	-1.43576D-05	-4.74654D-05	-1.16872D-05
22	5.03569D-04	-5.77111D-05	-1.42747D-04	3.82195D-06	-8.16749D-06	1.86189D-05
23	1.03436D-10	-3.43589D-11	-2.63765D-11	9.69432D-10	1.76659D-10	3.21310D-09
25	-3.54990D-02	-4.61089D-03	-1.13207D-02	-2.05739D-04	5.75339D-04	3.52441D-04
26	-5.63202D-02	-8.28280D-03	-2.16551D-02	-4.03015D-04	5.35001D-04	4.80552D-04
27	-6.17514D-02	-8.28350D-03	-2.61650D-02	-4.07127D-04	4.96616D-04	4.81911D-04
28	-7.00333D-02	-2.33638D-03	-3.92272D-02	-1.87420D-04	2.62708D-05	1.05775D-04
29	-7.00483D-02	-1.29730D-03	-3.93362D-02	-1.80594D-04	-1.15055D-05	8.30951D-05
30	-6.96211D-02	-1.17324D-03	1.53978D-02	-3.20986D-04	-1.22353D-04	7.27369D-06
31	-8.08163D-02	-6.90574D-04	-2.42448D-03	-4.88422D-04	-4.34872D-04	4.26290D-04
32	-3.98413D-02	1.38794D-03	3.86172D-02	-1.20232D-04	-6.26511D-04	3.40614D-04
33	-2.55983D-02	2.40357D-03	4.01378D-02	9.46278D-05	-2.59542D-04	2.96367D-04
34	-2.78428D-02	-1.32115D-02	4.27797D-02	1.50931D-04	8.03408D-05	3.24382D-04
35	-2.80181D-02	-1.26361D-02	4.30815D-02	1.93175D-04	-6.00984D-05	3.06403D-04
36	-1.37280D-01	2.18574D-02	-9.49602D-02	-1.53005D-03	1.75763D-04	1.04166D-03
37	-1.35446D-01	3.13404D-02	-1.00371D-01	1.16348D-04	4.74524D-04	-6.85997D-04
38	-1.65375D-02	3.14122D-02	-3.25300D-03	1.27916D-03	3.26991D-04	-4.51419D-04
39	-1.31252D-02	4.29914D-03	1.17627D-02	1.13559D-03	1.09599D-04	5.70885D-04
40	-6.01909D-03	-4.00278D-03	2.85641D-03	9.54930D-04	1.21114D-04	7.72755D-04
41	-6.22884D-04	-4.00666D-03	-3.70567D-03	9.13824D-04	1.08276D-04	7.50418D-04
42	4.04550D-03	1.02530D-03	-1.00937D-02	3.71877D-04	1.34606D-04	5.62659D-04
43	1.96265D-03	6.46130D-03	-1.00946D-02	3.00159D-04	1.22507D-04	4.75024D-04
44	9.59045D-04	5.04456D-03	-9.13123D-03	2.40498D-04	1.03789D-04	2.83978D-04
45	9.90592D-04	5.28230D-02	-3.23032D-03	-3.82495D-04	-7.16936D-05	-8.34527D-05
46	1.02006D-03	5.26732D-02	-3.42407D-03	-4.10788D-04	-7.42263D-05	8.01214D-05
47	6.00602D-05	4.74646D-03	1.83187D-05	-1.46725D-04	3.97886D-07	-2.36506D-04
48	5.75640D-05	5.40529D-03	2.29187D-05	-1.81724D-04	5.77417D-07	-1.72742D-04
49	1.61013D-04	1.65365D-03	-5.45692D-05	-6.15671D-05	-2.82794D-06	-8.35585D-05
50	2.52440D-04	6.97721D-04	-4.62606D-05	-1.80109D-05	-2.53469D-06	-5.27497D-05
51	2.63267D-04	4.02588D-04	-3.40035D-05	-1.79384D-05	-2.11748D-06	-4.94396D-05

52	1.07965D-06	-7.33600D-07	-1.07702D-06	6.61806D-08	-8.68852D-07	-1.02389D-06
53	-1.52672D-12	-6.12364D-12	-1.90674D-12	3.64276D-12	-7.52970D-11	-1.12296D-10
54	-7.44024D-03	-1.35189D-03	2.51562D-04	4.32583D-04	-2.92068D-04	-6.51916D-04
55	1.88251D-03	5.39309D-03	3.10766D-03	2.95727D-04	-2.40712D-04	-4.24603D-04
56	3.90654D-03	8.70443D-03	2.26855D-03	-1.70850D-05	-1.18757D-04	-1.17636D-04
57	5.69497D-03	-8.45782D-05	-3.83718D-03	-1.88511D-04	1.99035D-05	-4.89143D-05
58	4.19307D-03	3.45051D-04	-2.25712D-03	-1.44371D-04	9.37286D-06	-2.41710D-04
59	6.09048D-05	4.36860D-04	1.23439D-05	-1.39875D-04	-3.52911D-07	-2.65652D-04
60	-4.88818D-02	-2.87662D-03	2.83727D-02	-9.20488D-04	-3.42864D-04	1.62719D-03
61	-7.81088D-02	-2.00132D-03	1.64182D-02	-8.67781D-04	-3.97178D-04	2.37264D-03
62	-1.85012D-02	-1.04105D-03	4.06386D-02	-8.84426D-04	-1.07146D-03	1.79293D-03
63	-7.62120D-03	6.69882D-03	5.68549D-02	-1.35624D-03	-1.13533D-03	7.29923D-04
64	-7.37634D-03	3.26326D-02	1.35216D-01	-1.38125D-03	-8.97440D-04	-3.28361D-05
65	9.73568D-03	2.22442D-02	1.21323D-01	-1.58426D-03	-3.77100D-04	-1.62649D-03
66	6.05399D-02	2.22261D-02	7.44355D-02	-1.50495D-03	-2.13221D-04	-1.68966D-03
67	8.17267D-02	2.17659D-03	5.66327D-02	-3.93220D-04	3.49393D-04	-7.90046D-04
68	2.02197D-03	-2.25000D-02	9.92797D-03	3.66510D-04	4.36453D-04	-1.91125D-04
69	4.53270D-05	-1.97108D-02	9.24488D-03	4.47269D-04	9.96904D-05	-1.55045D-04
70	-3.25246D-04	-1.91428D-03	9.09329D-03	4.07112D-04	-5.31265D-05	-8.41837D-05
71	-5.22258D-04	-3.37758D-03	6.91414D-03	4.27797D-04	2.19311D-05	-1.57213D-05
72	-2.92151D-04	-3.34569D-03	1.88001D-03	3.07269D-04	-2.42035D-05	4.62437D-05
73	6.34518D-03	-3.34727D-03	-2.01652D-02	1.05765D-04	-1.52928D-04	5.84013D-05
74	5.90244D-03	-2.61823D-03	-1.69592D-02	-1.37173D-05	-2.59637D-04	3.76066D-05
76	-3.04485D-04	3.87951D-04	5.62442D-03	3.20628D-04	-1.43847D-04	-4.60885D-05
77	-2.87802D-04	1.13232D-03	1.25528D-03	2.57326D-04	-1.75700D-04	-2.42241D-05
78	-3.59932D-05	1.33744D-03	-2.01947D-04	7.43374D-05	-2.81972D-04	-8.93607D-06
79	-1.14698D-03	1.11622D-03	1.05877D-03	-4.66588D-05	-8.31173D-05	-5.88373D-06
80	-5.48183D-05	1.55308D-04	1.26971D-06	-1.31296D-05	-8.12063D-06	3.59558D-06
82	1.58557D-04	3.85103D-04	7.20686D-04	-4.96091D-05	-3.30495D-05	1.03097D-05
83	2.06946D-04	3.14695D-04	1.02988D-03	-2.14337D-05	-4.93171D-06	-7.04216D-06
84	2.14922D-04	6.58515D-05	1.05147D-03	-5.20512D-06	3.05483D-07	-1.17122D-05
85	1.61202D-04	1.42247D-05	9.88509D-04	1.72125D-05	7.37030D-06	-6.17605D-06
86	-4.17309D-06	1.23849D-05	6.70878D-06	1.10620D-05	3.60384D-07	5.98094D-07
87	-2.85024D-06	7.42355D-06	1.17287D-06	5.94960D-06	6.55102D-07	9.50731D-07
88	-1.01705D-06	-2.59034D-06	1.23990D-07	3.51293D-07	1.29573D-07	1.31842D-06
90	-2.47154D-06	1.08434D-05	1.91290D-06	4.97575D-06	-8.94526D-07	1.72547D-06
91	-5.48104D-08	1.42951D-05	3.26391D-07	-5.71488D-07	-8.72723D-08	1.76710D-06
93	-6.35745D-03	-3.49939D-05	1.52406D-03	1.33348D-05	3.46819D-04	1.81743D-04
94	-3.04464D-02	-5.30035D-03	7.71453D-03	-1.10702D-04	6.11058D-04	4.87632D-04
95	-1.38456D-01	-1.45997D-02	-9.15393D-02	-1.70479D-03	2.33130D-04	1.48611D-03
96	-1.38208D-01	1.03816D-02	-9.44458D-02	-1.59480D-03	1.73154D-04	1.20389D-03
97	-1.40313D-01	-3.89376D-03	-9.49906D-02	-1.67242D-03	7.62643D-05	1.42058D-03
98	-1.40513D-01	-1.24042D-07	-9.53739D-02	-1.66970D-03	-2.16629D-06	1.39139D-03
99	-4.36930D-02	-1.71762D-03	2.07027D-02	-1.32992D-03	-8.36790D-04	1.09311D-03
100	-2.97472D-02	-4.97830D-03	3.44922D-02	-1.21139D-03	-6.14069D-04	1.13216D-03
101	-1.88177D-02	-4.38331D-03	4.59236D-02	-1.04876D-03	-4.07096D-04	1.20297D-03
102	-1.35471D-02	-1.06986D-03	5.14583D-02	-9.29466D-04	-2.91597D-04	1.15629D-03
103	-3.00650D-02	-2.87429D-03	3.92669D-02	-9.44511D-04	-3.45776D-04	1.44914D-03
104	-1.67136D-02	-1.03022D-02	5.53531D-02	1.33571D-04	3.94221D-05	4.05755D-04
105	-1.73357D-02	-7.00294D-03	5.53662D-02	1.83712D-04	9.53521D-06	3.87224D-04
106	-2.81435D-02	-6.10356D-03	6.12610D-02	2.19382D-04	6.53496D-06	4.03312D-04
107	-1.71809D-02	-3.18226D-03	5.53234D-02	1.79742D-04	-1.86426D-05	3.35971D-04
108	-1.46037D-02	1.74468D-04	5.14482D-02	2.10204D-04	-1.22514D-04	2.78372D-05
109	-1.02396D-02	9.32512D-04	5.14762D-02	6.13373D-05	-9.30000D-04	-3.38548D-03
110	-6.94792D-03	1.02577D-03	5.14880D-02	3.78749D-05	-1.13337D-03	-4.84833D-03
111	-8.53243D-04	1.13260D-03	5.15065D-02	5.02420D-05	-1.28012D-03	-7.16450D-03
112	6.94507D-03	1.50487D-03	5.15210D-02	1.02471D-04	-1.21801D-03	-8.65675D-03
113	2.90600D-01	1.94782D-02	6.26107D-02	6.66611D-04	-1.33276D-03	-1.12394D-02
114	1.36334D-02	1.58517D-03	5.15220D-02	-3.72453D-05	-1.05680D-03	-8.66203D-03
115	1.62142D-02	1.32013D-03	5.15227D-02	-1.16156D-04	-9.66811D-04	-8.66655D-03

116	1.92527D-02	7.32206D-04	5.15235D-02	-1.80992D-04	-8.94402D-04	-8.67237D-03
117	2.21320D-02	4.93332D-08	5.15239D-02	-2.01620D-04	-8.71095D-04	-8.67237D-03
118	-3.69153D-03	7.32204D-04	5.21189D-02	-2.64094D-04	-8.56221D-04	-8.79690D-03
119	2.87778D-02	-1.53750D-03	5.15242D-02	-2.01650D-04	-8.71647D-04	-8.67237D-03
120	-5.14754D-02	7.32196D-04	5.38689D-02	-3.68061D-04	-7.78040D-04	-8.95460D-03
121	-8.47763D-02	-2.22342D-04	5.53366D-02	-3.73884D-04	-7.72250D-04	-8.96350D-03
122	-1.46238D-02	2.35787D-07	5.01856D-02	2.16070D-04	-8.96425D-05	2.26085D-06
123	-1.46613D-02	4.84856D-04	4.93223D-02	2.27213D-04	-2.83905D-05	-3.81035D-05
124	-1.47516D-02	3.37763D-03	4.94014D-02	2.55366D-04	-1.92310D-05	-4.89642D-05
125	-1.47696D-02	3.85902D-03	4.91784D-02	2.61232D-04	-4.16340D-05	-3.48532D-05
126	-1.47984D-02	4.41357D-03	4.80182D-02	2.68505D-04	-8.29248D-05	-6.68605D-06
127	-1.46730D-02	5.09538D-03	5.61191D-02	3.01430D-04	-8.22062D-05	1.85740D-06
128	-1.48139D-02	4.35449D-03	4.56696D-02	2.08810D-04	-1.22949D-04	2.06938D-05
129	-1.48195D-02	4.20676D-03	4.48377D-02	1.79925D-04	-1.35184D-04	3.72744D-05
130	-1.65232D-02	2.32772D-03	4.31584D-02	1.32966D-04	-1.56668D-04	1.15487D-04
131	-1.32220D-02	4.78996D-03	4.31352D-02	8.73085D-05	-1.50851D-04	7.51407D-05
132	4.55742D-03	1.56279D-07	3.06749D-02	-6.22160D-05	-3.27116D-04	7.76725D-05
133	6.63765D-04	-7.78215D-04	2.96369D-03	-3.23624D-05	-8.45301D-05	-2.24129D-05
134	-1.92869D-02	-2.62062D-07	4.31573D-02	1.60851D-04	-1.66468D-04	1.83495D-04
135	-2.19561D-02	-2.68075D-03	4.31544D-02	1.94452D-04	-1.61066D-04	2.43503D-04
136	-2.52659D-02	-7.05393D-03	4.31499D-02	2.20350D-04	-1.30991D-04	2.93110D-04
137	-3.38717D-02	-7.95584D-03	4.96507D-02	2.49535D-04	-1.30444D-04	3.13108D-04
138	-2.75693D-02	-1.14517D-02	4.31003D-02	2.01315D-04	-8.44048D-05	3.02043D-04
139	-2.40928D-02	-7.22097D-03	3.98782D-02	1.14336D-04	1.16966D-04	3.27493D-04
140	-2.27825D-02	-5.64317D-07	3.73898D-02	1.05189D-04	-1.14066D-04	2.98644D-04
141	-2.42297D-02	1.40940D-03	3.87923D-02	9.92918D-05	-2.02646D-04	2.95143D-04
142	-2.53190D-02	2.34039D-03	3.77378D-02	-1.76570D-03	4.86438D-04	1.84030D-03
143	-2.66618D-02	2.35916D-03	3.64097D-02	-2.53074D-03	6.72128D-04	2.53646D-03
144	-2.93957D-02	2.21326D-03	3.36988D-02	-3.70046D-03	8.31572D-04	3.68081D-03
145	-3.30608D-02	2.15134D-03	3.00517D-02	-4.41666D-03	8.13922D-04	4.45552D-03
146	-1.84595D-01	-4.11483D-03	-1.06634D-01	-5.35963D-03	8.82129D-04	6.08527D-03
147	-3.62624D-02	1.87337D-03	2.68507D-02	-4.50221D-03	7.21323D-04	4.37569D-03
148	-3.75230D-02	1.49856D-03	2.55908D-02	-4.55140D-03	6.69671D-04	4.33142D-03
149	-3.90302D-02	8.09698D-04	2.40846D-02	-4.59298D-03	6.28147D-04	4.29616D-03
150	-4.04732D-02	4.12585D-08	2.26421D-02	-4.60518D-03	6.14894D-04	4.28396D-03
151	-2.77302D-02	8.09697D-04	3.63131D-02	-4.71214D-03	5.98866D-04	4.31218D-03
152	-4.37904D-02	-1.73222D-03	1.93252D-02	-4.60520D-03	6.15226D-04	4.28393D-03
153	-4.48577D-03	8.09692D-04	6.21176D-02	-4.86221D-03	5.38910D-04	4.33320D-03
154	1.16076D-02	-1.59022D-04	8.03168D-02	-4.87064D-03	5.34469D-04	4.33441D-03
155	-4.39843D-02	7.33672D-07	3.44898D-02	-1.81462D-04	-6.50262D-04	3.50098D-04
156	-6.25313D-02	-1.58235D-03	1.59965D-02	-4.15878D-04	-6.28198D-04	4.22111D-04
157	-7.14573D-02	-1.58683D-03	6.90409D-03	-4.65933D-04	-5.70630D-04	4.68734D-04
158	-8.63107D-02	-1.80106D-05	-4.72414D-03	-4.68683D-04	-5.73455D-04	5.18989D-04
159	-7.94375D-02	-9.59193D-04	-9.75410D-04	-4.82699D-04	-4.96332D-04	4.41581D-04
160	-8.30763D-02	-2.81509D-07	-4.83579D-03	-4.89672D-04	-3.15296D-04	4.05367D-04
161	-8.20030D-02	1.22017D-03	-3.59550D-03	-4.46063D-04	2.32295D-04	3.02061D-04
162	-7.05985D-02	7.97362D-09	1.60122D-02	-4.01708D-04	1.99832D-04	1.79264D-04
163	-6.93965D-02	-2.38517D-04	1.86221D-02	-3.93675D-04	1.39075D-04	1.54755D-04
164	-6.88509D-02	-3.81334D-04	1.97881D-02	-3.87913D-04	9.63547D-05	1.38465D-04
165	-6.89644D-02	-8.77634D-04	2.05653D-02	-3.54366D-04	-4.46421D-05	6.07836D-05
166	-1.98491D-02	3.14119D-02	-1.22000D-02	1.27485D-03	3.28591D-04	-4.86853D-04
167	-1.20141D-02	3.14824D-02	9.67263D-03	1.28013D-03	3.27018D-04	-4.50303D-04
168	-1.59868D-02	3.26401D-02	-6.94509D-04	1.27963D-03	3.24544D-04	-4.11617D-04
169	-1.51118D-02	3.21470D-02	3.21207D-03	1.27402D-03	2.76605D-04	-8.31895D-05
170	-1.34693D-02	1.35376D-02	1.03444D-02	1.18694D-03	1.38296D-04	4.89581D-04
171	-1.18862D-02	1.35382D-02	6.39756D-03	1.19558D-03	1.38296D-04	4.68895D-04
172	-1.06437D-02	1.35387D-02	3.17603D-03	1.20064D-03	1.38296D-04	4.57508D-04
173	-8.30436D-03	1.35390D-02	-2.97978D-03	1.20134D-03	1.38296D-04	4.56141D-04
174	-5.22717D-03	1.35390D-02	-1.10926D-02	1.20213D-03	1.38296D-04	4.55770D-04
175	-1.32884D-02	8.99619D-03	1.10959D-02	1.16222D-03	1.22827D-04	5.34759D-04

176	-3.65823D-03	-4.00445D-03	1.51354D-08	9.37926D-04	1.15612D-04	7.65043D-04
177	9.68396D-04	2.45937D-08	-3.91318D-03	7.18870D-05	8.88898D-05	-1.56035D-04
178	9.80190D-04	2.96523D-02	-3.47196D-09	-1.58242D-04	1.57433D-06	-4.88557D-04
179	2.47392D-03	5.20354D-09	-8.14112D-03	-4.74366D-04	1.66174D-05	4.55707D-04
180	9.68271D-05	-3.73499D-02	-3.20250D-04	-2.18410D-04	4.39752D-05	-1.82437D-04
181	-1.04153D-05	-3.58092D-02	3.40893D-05	-1.90300D-04	3.09461D-05	-2.58557D-04
182	4.98305D-05	-3.07531D-03	3.39157D-05	-1.34668D-04	-2.16300D-06	-2.86956D-04
183	5.58417D-05	-1.44752D-03	2.08736D-05	-1.36779D-04	-1.43856D-06	-2.78121D-04
184	2.04720D-03	4.45484D-04	-1.04385D-03	-1.41740D-04	4.20652D-06	-2.57647D-04
185	6.11794D-05	2.18849D-03	1.26958D-05	-1.42743D-04	6.77416D-08	-2.53654D-04
186	4.73205D-05	2.21061D-03	3.75314D-05	-1.46247D-04	-5.16520D-07	-1.10832D-04
187	5.29088D-05	1.84591D-03	3.33145D-05	-1.34926D-04	-7.92393D-07	-1.08460D-04
188	6.03113D-05	1.58088D-03	2.77727D-05	-1.22760D-04	-1.05088D-06	-1.07604D-04
189	2.58051D-04	5.49801D-04	-3.99771D-05	-1.79348D-05	-2.35234D-06	-5.10595D-05
190	-6.99156D-02	1.40920D-09	-3.89868D-08	-2.76589D-04	-2.46729D-04	-2.56865D-05
191	-7.00656D-02	-1.70122D-08	-3.86261D-02	-1.89844D-04	-7.36573D-05	6.32328D-05
192	-7.00599D-02	-4.41135D-04	-3.90195D-02	-1.86408D-04	-5.00802D-05	7.08483D-05
193	-7.01700D-02	-1.30179D-03	-4.04330D-02	-5.55648D-05	-3.37613D-05	-5.96547D-05
194	-2.59161D-02	-3.34955D-03	-7.94043D-03	-1.71087D-04	5.58294D-04	2.84564D-04
195	-6.29364D-03	-7.19000D-04	-1.93157D-03	-8.00534D-05	3.42817D-04	1.22793D-04
196	-1.20357D-02	-1.35112D-03	-2.80413D-03	4.38029D-04	-2.89258D-04	-6.57898D-04
197	-8.17423D-04	-1.26827D-03	4.61630D-03	4.33053D-04	-2.92071D-04	-6.51833D-04
198	-5.11661D-03	4.64047D-04	9.62343D-04	4.24085D-04	-2.93156D-04	-6.40950D-04
199	4.20446D-03	9.41028D-03	1.28556D-03	-3.88943D-05	-1.11747D-04	-6.89270D-05
200	4.75586D-03	9.53811D-03	-5.36810D-04	-7.66811D-05	-9.85090D-05	9.39748D-06
201	4.84344D-03	9.53836D-03	-2.66770D-04	-8.48725D-05	-9.62113D-05	3.78763D-05
202	4.93510D-03	9.53850D-03	-8.77026D-05	-8.76751D-05	-9.47800D-05	4.71207D-05
203	5.24397D-03	9.25052D-03	-8.46175D-05	-8.77266D-05	-9.04109D-05	4.42788D-05
204	5.44399D-03	8.75469D-03	-7.31706D-04	-8.84496D-05	-8.39764D-05	3.93833D-05
205	5.60661D-03	8.32939D-03	-1.25881D-03	-8.88729D-05	-8.08320D-05	3.44477D-05
206	5.23869D-03	8.32867D-03	-2.13783D-03	-1.06593D-04	-8.11264D-05	6.06459D-05
207	5.90029D-03	4.09961D-03	-4.34822D-03	-1.36952D-04	-3.73155D-05	6.22267D-05
208	5.72964D-03	-1.93307D-08	-3.94208D-03	-1.85618D-04	2.09501D-05	-4.51169D-05
209	-7.04388D-02	-4.24632D-04	1.96177D-02	-9.01055D-04	-5.86219D-04	2.45698D-03
210	-6.54911D-02	3.38209D-04	2.16274D-02	-9.04107D-04	-6.15612D-04	2.46559D-03
211	-1.19417D-01	2.46324D-03	2.66238D-03	-9.03385D-04	-6.16095D-04	2.49843D-03
212	-6.01900D-02	1.05481D-03	2.37708D-02	-9.04624D-04	-6.45919D-04	2.43983D-03
213	-2.63709D-02	1.21536D-08	3.74566D-02	-8.90909D-04	-1.04384D-03	1.89522D-03
214	8.08159D-02	4.59594D-08	5.60952D-02	-3.70191D-04	3.67056D-04	-7.73860D-04
215	-7.55883D-04	-5.95430D-03	9.12963D-03	4.29443D-04	-2.67958D-05	-1.01021D-04
216	-3.18767D-04	-1.04356D-03	8.33432D-03	3.80086D-04	-8.73565D-05	-7.75933D-05
217	-3.24090D-04	-2.73980D-03	9.41741D-03	4.13357D-04	-3.59549D-05	-7.98053D-05
218	-3.37683D-06	-3.34610D-03	9.59231D-08	2.95658D-04	-3.12509D-05	4.87358D-05
219	4.68243D-03	-3.34853D-03	-1.68827D-02	1.35121D-04	-1.25216D-04	6.05175D-05
220	4.80360D-03	-3.34853D-03	-1.71512D-02	1.34260D-04	-1.25806D-04	6.04644D-05
221	4.84513D-03	-2.99294D-03	-1.65045D-02	1.34262D-04	-1.25769D-04	6.04582D-05
222	4.92451D-03	-3.34851D-03	-1.74175D-02	1.33420D-04	-1.26430D-04	6.04138D-05
223	5.87816D-03	-3.34772D-03	-1.93152D-02	1.10724D-04	-1.46343D-04	5.87888D-05
224	5.99566D-03	-3.34770D-03	-1.95345D-02	1.10143D-04	-1.46967D-04	5.87381D-05
225	6.04109D-03	-3.00643D-03	-1.87668D-02	1.10145D-04	-1.46926D-04	5.87319D-05
226	6.11286D-03	-3.34765D-03	-1.97520D-02	1.09598D-04	-1.47632D-04	5.86944D-05
227	3.04271D-03	-1.32002D-03	-8.75043D-03	-1.16359D-05	-2.34151D-04	3.22227D-05
228	-3.09724D-04	-7.73157D-08	6.75934D-03	3.42417D-04	-1.26189D-04	-5.88306D-05
229	-5.68591D-04	3.87834D-04	3.73790D-03	2.73894D-04	-1.38083D-04	-3.71604D-05
230	-7.05876D-04	3.87759D-04	2.70188D-03	2.46380D-04	-1.34467D-04	-3.18282D-05
231	-2.80582D-08	1.33504D-03	4.50055D-08	7.21388D-05	-2.79687D-04	-8.26540D-06
232	-1.19032D-03	1.12121D-03	1.45041D-03	-4.52490D-05	-8.73438D-05	-4.56002D-06
233	-1.18107D-03	1.12075D-03	1.35956D-03	-4.53902D-05	-8.69616D-05	-4.68287D-06
234	-1.65464D-03	1.36852D-03	1.34964D-03	-4.53934D-05	-8.69652D-05	-4.68319D-06
235	-1.17153D-03	1.12027D-03	1.26839D-03	-4.55245D-05	-8.65759D-05	-4.80494D-06

236	-3.61450D-10	3.85275D-04	-1.95845D-09	-5.39779D-05	-3.71564D-05	1.24222D-05
237	1.21659D-05	3.85247D-04	5.31359D-05	-5.28649D-05	-3.62522D-05	1.19383D-05
238	8.19114D-05	3.85201D-04	3.65782D-04	-5.15366D-05	-3.50857D-05	1.13194D-05
239	8.19156D-05	3.14042D-04	1.44813D-04	-5.15366D-05	-3.50778D-05	1.13024D-05
240	1.48056D-04	3.85140D-04	6.70988D-04	-5.04000D-05	-3.39386D-05	1.07462D-05
241	-4.66327D-06	1.25432D-05	6.09153D-05	1.43958D-05	9.62799D-07	-2.75402D-07
242	-4.17603D-06	1.61830D-05	4.40084D-06	8.92947D-06	5.31916D-07	6.25375D-07
243	-4.20031D-06	7.03543D-06	5.89904D-06	8.51635D-06	-1.55410D-07	9.31180D-07
244	-9.03873D-07	-2.54084D-06	1.04481D-07	1.05255D-07	1.04146D-07	1.08248D-06
245	-3.80477D-07	-1.98894D-06	7.17177D-08	-1.06846D-07	7.27347D-08	7.78081D-07
246	-5.28497D-06	-1.98904D-06	-6.01705D-07	-1.06878D-07	7.27347D-08	7.78367D-07
247	-3.75779D-08	-7.06054D-07	3.89840D-08	-1.38207D-07	4.34547D-08	4.72968D-07
248	-2.10281D-08	1.31382D-05	2.74971D-07	-7.84960D-07	-4.92011D-08	1.45084D-06
249	9.81540D-08	7.20390D-06	1.88620D-07	-8.78849D-07	-1.31473D-08	1.04279D-06
250	-6.47460D-06	7.20427D-06	-5.35075D-06	-8.79139D-07	-1.31473D-08	1.04314D-06
251	6.91821D-08	1.64041D-06	1.02530D-07	-6.60626D-07	8.26836D-10	6.33877D-07
252	-2.37178D-03	2.43250D-03	1.80369D-03	3.71634D-04	-2.78720D-04	-5.63886D-04

M O D A L A N A L Y S I S

MODE NUMBER 9
FREQUENCY= 11.6456 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	5.93391D-02	1.88519D-02	-1.50479D-02	3.57798D-04	-9.03344D-04	-8.17607D-04
3	9.59263D-02	4.02928D-02	7.68526D-03	2.56898D-03	-1.28751D-03	-2.05543D-03
4	1.33990D-01	4.02451D-02	5.52132D-02	2.62146D-03	-1.27138D-03	-2.11877D-03
5	1.70156D-01	3.56533D-02	9.99909D-02	2.35603D-03	-1.12515D-03	-2.16535D-03
6	1.91126D-01	1.48590D-02	1.28286D-01	1.98763D-03	-3.13690D-04	-1.94257D-03
7	1.90894D-01	-2.11722D-02	1.28081D-01	1.82406D-03	4.15508D-04	-1.66354D-03
8	1.01366D-01	-3.25634D-02	1.47431D-02	1.42183D-03	1.55681D-03	-9.78359D-04
9	9.49990D-03	-2.08288D-03	-7.73630D-02	7.54579D-04	4.77553D-04	-6.34689D-04
10	4.89816D-03	7.55133D-08	-8.21496D-02	7.18909D-04	2.72034D-04	-5.27109D-04
11	1.43758D-02	2.41352D-02	-8.07293D-02	-2.09882D-04	1.17668D-04	-2.18159D-04
12	-7.58091D-03	-7.16685D-08	-8.05558D-02	-3.44450D-04	5.35850D-04	-1.81207D-04
13	-2.34000D-02	-2.82708D-03	-6.16627D-02	-2.24002D-04	9.97820D-04	-1.65612D-04
14	-2.34037D-02	3.02657D-03	4.29301D-02	8.47986D-05	1.07108D-04	1.26325D-04
15	-1.17242D-02	4.91797D-03	4.27702D-02	-9.94495D-06	-3.32965D-04	1.30597D-04
16	-3.24599D-03	1.80019D-03	3.37445D-02	-1.66887D-05	-4.15676D-04	1.21843D-04
17	-3.09996D-03	-6.10075D-03	6.54729D-03	-7.82627D-06	-1.64513D-04	4.08642D-05
18	-3.72885D-03	-6.40649D-03	4.73312D-03	-1.07620D-05	-8.52269D-05	7.71816D-06
19	-4.49752D-03	-6.28098D-03	3.93987D-03	-6.68501D-06	-6.37484D-05	-1.11398D-05
20	-4.79609D-03	-5.82361D-03	3.18448D-03	-8.67699D-06	-4.82879D-05	-4.26867D-05
21	-4.70599D-03	-2.21600D-03	7.69728D-04	-7.31216D-07	-4.38557D-05	-8.70311D-05
22	-2.26368D-03	-4.04652D-05	-1.03365D-04	3.93073D-06	-3.54476D-05	-8.73555D-05
23	-2.58258D-10	-1.68587D-11	-1.27168D-11	6.49481D-10	-4.54285D-09	-1.18144D-08
25	-3.01718D-02	-3.73503D-03	-9.62105D-03	-1.68617D-04	4.88824D-04	2.93590D-04
26	-4.76887D-02	-6.66198D-03	-1.80795D-02	-3.22198D-04	4.51882D-04	3.98874D-04
27	-5.21964D-02	-6.66260D-03	-2.16848D-02	-3.25129D-04	4.19490D-04	3.99769D-04
28	-5.90227D-02	-1.80163D-03	-3.22296D-02	-1.34056D-04	2.10867D-05	8.26898D-05
29	-5.90348D-02	-9.96352D-04	-3.23096D-02	-1.27827D-04	-1.05899D-05	6.37087D-05
30	-5.86303D-02	-8.64822D-04	1.02236D-02	-1.99291D-04	-8.08700D-05	3.99226D-06
31	-5.91131D-02	-5.16598D-04	1.44496D-02	-2.89724D-04	-2.88370D-04	2.50001D-04
32	-3.17442D-02	9.67399D-04	4.17934D-02	-6.68347D-05	-4.52162D-04	2.23110D-04
33	-2.01897D-02	1.92570D-03	4.25949D-02	7.34718D-05	-2.50554D-04	2.24518D-04
34	-1.97575D-02	-1.20490D-02	4.24541D-02	1.37756D-04	8.85586D-05	3.11154D-04
35	-2.06966D-02	-1.16292D-02	4.29502D-02	1.78246D-04	3.50161D-05	3.03959D-04
36	1.86845D-01	-2.30958D-02	1.30651D-01	1.80452D-03	-3.16647D-04	-1.38246D-03
37	1.83925D-01	-3.42492D-02	1.36830D-01	-2.48271D-04	-7.11851D-04	9.05825D-04
38	2.12226D-02	-3.43078D-02	4.74247D-03	-1.69363D-03	-4.48475D-04	6.92852D-04
39	1.65598D-02	-5.59296D-03	-1.58311D-02	-1.51608D-03	-1.52304D-04	-6.52604D-04
40	7.77512D-03	4.68717D-03	-3.87833D-03	-1.29601D-03	-1.64533D-04	-9.72209D-04
41	9.72607D-04	4.69225D-03	5.03849D-03	-1.24331D-03	-1.47830D-04	-9.46907D-04
42	-4.98022D-03	-2.38333D-03	1.38636D-02	-5.44620D-04	-1.70105D-04	-7.31589D-04
43	-2.35066D-03	-1.04635D-02	1.38651D-02	-4.52509D-04	-1.54784D-04	-6.28567D-04
44	-1.07291D-03	-8.96000D-03	1.26272D-02	-3.68564D-04	-1.35610D-04	-4.05287D-04
45	-1.11604D-03	-6.36920D-02	3.65542D-03	4.12120D-04	8.82656D-05	1.03653D-04
46	-1.15296D-03	-6.35305D-02	3.89683D-03	4.47402D-04	9.35273D-05	-9.98376D-05
47	1.95238D-05	-4.46269D-03	-5.92879D-05	1.45745D-04	-1.14588D-06	2.42171D-04
48	2.20229D-05	-5.15984D-03	-6.50027D-05	1.81399D-04	-6.95224D-08	1.77422D-04
49	-1.54936D-04	-1.72803D-03	7.52681D-05	6.27430D-05	3.05349D-06	8.59142D-05
50	-2.56908D-04	-7.36633D-04	6.47473D-05	1.95972D-05	3.15987D-06	5.45104D-05
51	-2.70310D-04	-4.27306D-04	4.95549D-05	1.95337D-05	2.72794D-06	5.11320D-05

52	-1.12855D-06	7.19898D-07	1.30150D-06	-2.18876D-08	9.23564D-07	1.06820D-06
53	1.58938D-12	6.00926D-12	2.12099D-12	1.77567D-12	8.00385D-11	1.17164D-10
54	4.45296D-04	-1.04607D-03	-2.66568D-03	3.20631D-04	3.84412D-05	-6.24319D-04
55	-1.58605D-03	2.84305D-03	-3.27225D-03	2.30199D-04	9.20710D-05	-4.01085D-04
56	-3.07215D-03	5.98067D-03	-2.36238D-03	1.89625D-05	1.50622D-04	-1.23074D-04
57	-5.07285D-03	1.76183D-04	4.01731D-03	1.85995D-04	-3.33980D-05	2.88104D-05
58	-3.89002D-03	6.47958D-05	2.29926D-03	1.49445D-04	-1.63555D-05	2.18910D-04
59	1.28889D-05	-2.41640D-05	-3.33684D-05	1.38611D-04	-7.38930D-07	2.71622D-04
60	2.70603D-02	-2.06195D-03	-6.47717D-02	5.13425D-04	4.05756D-04	-8.69609D-04
61	4.11209D-02	-3.93449D-03	-6.08930D-02	4.57698D-04	1.85119D-04	-1.26914D-03
62	2.09370D-02	1.84149D-03	-6.93010D-02	6.47364D-04	3.22429D-04	-9.45093D-04
63	1.80226D-02	1.84929D-05	-7.33099D-02	9.65602D-04	2.20743D-04	-3.87391D-04
64	1.79558D-02	-1.65648D-02	-8.56984D-02	1.11562D-03	1.06448D-04	-6.83712D-05
65	1.28166D-02	-1.38905D-02	-6.75812D-02	1.26434D-03	-7.27472D-05	5.21001D-04
66	-3.55914D-03	-1.38764D-02	-2.97499D-02	1.22521D-03	-9.15234D-05	5.44720D-04
67	-9.27671D-03	-1.36187D-03	-1.43500D-02	4.31138D-04	-1.09975D-04	1.72754D-04
68	5.23201D-03	1.32874D-02	-5.53551D-03	-1.86346D-04	-2.16672D-05	2.35510D-05
69	4.93813D-03	1.15886D-02	-5.55391D-03	-2.65159D-04	8.82460D-05	7.17785D-06
70	8.28848D-04	4.76054D-04	-5.46480D-03	-2.68565D-04	8.41452D-05	1.57716D-05
71	7.79808D-04	5.90766D-04	-4.91571D-03	-2.97032D-04	1.50794D-05	-2.00851D-05
72	3.15571D-04	4.28315D-04	-1.42475D-03	-2.32217D-04	4.04070D-05	-4.92007D-05
73	-5.40858D-03	4.30044D-04	1.61673D-02	-9.06426D-05	1.32519D-04	-4.27978D-05
74	-4.75698D-03	2.53514D-04	1.36564D-02	-2.51263D-06	2.10521D-04	-6.44708D-06
76	8.02451D-04	-8.56433D-05	-2.41146D-03	-2.20086D-04	1.01946D-04	1.09180D-05
77	7.80959D-04	-2.69550D-04	3.42172D-04	-1.85746D-04	1.06056D-04	8.91420D-06
78	1.01176D-04	-7.46117D-04	2.03256D-04	-7.03795D-05	1.47015D-04	2.98825D-05
79	4.44921D-04	-6.47296D-04	-6.89645D-04	3.64741D-05	3.82425D-05	-5.93245D-06
80	2.34560D-05	-7.70613D-05	-1.21951D-06	6.92680D-06	3.85128D-06	-3.06411D-06
82	-1.13467D-04	-8.58515D-05	-6.54801D-04	4.50113D-05	1.95161D-05	-7.70300D-06
83	-1.55997D-04	-5.52398D-05	-8.86205D-04	1.83383D-05	-2.08425D-06	-2.66665D-06
84	-1.28851D-04	-3.61747D-06	-8.09690D-04	4.09612D-06	-5.34079D-06	7.97261D-07
85	-1.07765D-04	-2.71123D-07	-7.39538D-04	-1.25139D-05	-9.76022D-06	2.27449D-06
86	1.01917D-06	-2.35865D-07	-4.50431D-06	-8.32653D-06	-4.77362D-07	-1.74116D-07
87	3.29773D-07	2.45968D-06	-4.32013D-07	-4.03806D-06	-3.07312D-07	-9.48894D-07
88	-2.67664D-07	7.18157D-06	-4.00514D-08	1.51916D-07	-3.22361D-09	-1.13779D-06
90	-1.72883D-07	-2.80388D-06	-1.41239D-06	-4.02065D-06	6.24506D-07	-9.63055D-07
91	-1.54366D-06	-7.40350D-06	-3.08710D-07	1.69333D-07	-5.27904D-08	-1.14620D-06
93	8.65746D-03	5.99229D-04	-2.04302D-03	1.47948D-05	-4.74859D-04	-2.37967D-04
94	4.19075D-02	9.88366D-03	-1.05450D-02	2.12571D-04	-8.53042D-04	-6.35247D-04
95	1.89068D-01	2.35408D-02	1.24462D-01	2.05151D-03	-4.08242D-04	-1.99899D-03
96	1.88521D-01	-9.08336D-03	1.29723D-01	1.88185D-03	-3.17459D-04	-1.60390D-03
97	1.92566D-01	6.41353D-03	1.30978D-01	1.94567D-03	-1.91213D-04	-1.89679D-03
98	1.93195D-01	1.32869D-07	1.32170D-01	1.91775D-03	-7.98434D-05	-1.85169D-03
99	5.43175D-02	-1.82321D-02	-3.19525D-02	1.22570D-03	1.31880D-03	-7.85065D-04
100	3.15881D-02	-1.01299D-02	-5.44352D-02	1.06663D-03	1.00414D-03	-7.01041D-04
101	1.36602D-02	-3.41259D-03	-7.29909D-02	8.42786D-04	6.16737D-04	-6.44069D-04
102	6.37560D-03	-9.17738D-04	-8.06013D-02	7.33806D-04	3.50385D-04	-5.67916D-04
103	1.69343D-02	-2.07328D-03	-7.09071D-02	6.10024D-04	4.44510D-04	-7.67869D-04
104	1.31850D-02	2.19917D-02	-8.07367D-02	-3.22180D-04	2.25341D-04	-2.18766D-04
105	7.82859D-03	1.45604D-02	-8.07402D-02	-3.91622D-04	3.02942D-04	-2.19113D-04
106	1.39082D-02	1.40674D-02	-9.35020D-02	-4.48730D-04	3.07746D-04	-2.26885D-04
107	6.46382D-04	6.49577D-03	-8.06544D-02	-3.74088D-04	3.90981D-04	-2.03651D-04
108	-2.33981D-02	-1.53501D-03	-5.33740D-02	-1.97850D-04	1.00784D-03	-1.65130D-04
109	-2.51375D-02	-1.91742D-03	-5.34064D-02	6.70074D-06	-2.94984D-04	-3.13814D-03
110	-2.34341D-02	-1.77318D-03	-5.34201D-02	3.42576D-05	-6.94781D-04	-4.41229D-03
111	-1.86900D-02	-1.52941D-03	-5.34417D-02	4.09561D-06	-1.13275D-03	-6.42969D-03
112	-1.12319D-02	-1.63305D-03	-5.34585D-02	-8.13003D-05	-1.24041D-03	-7.72944D-03
113	2.41258D-01	1.28560D-02	-6.97798D-02	-7.22284D-04	-1.40942D-03	-9.97673D-03
114	-3.98941D-03	-1.62114D-03	-5.34596D-02	4.94103D-05	-1.18850D-03	-7.73533D-03
115	-9.31826D-04	-1.33498D-03	-5.34604D-02	1.23361D-04	-1.15969D-03	-7.74038D-03

116	2.91014D-03	-7.35163D-04	-5.34613D-02	1.84295D-04	-1.13667D-03	-7.74688D-03
117	6.70460D-03	-4.60000D-08	-5.34616D-02	2.03533D-04	-1.12976D-03	-7.74688D-03
118	-1.76254D-02	-7.35159D-04	-5.40760D-02	2.74826D-04	-1.09426D-03	-7.88573D-03
119	1.53211D-02	1.55210D-03	-5.34620D-02	2.03565D-04	-1.13007D-03	-7.74688D-03
120	-6.05683D-02	-7.35149D-04	-5.59133D-02	3.88102D-04	-1.00742D-03	-8.06117D-03
121	-8.97685D-02	2.71773D-04	-5.74616D-02	3.94448D-04	-1.00099D-03	-8.07105D-03
122	-2.34050D-02	2.65356D-07	-4.29589D-02	-1.67697D-04	1.00183D-03	-1.53875D-04
123	-2.34166D-02	2.79725D-03	-2.42573D-02	-1.10406D-04	9.43590D-04	-1.31363D-04
124	-2.34387D-02	6.91154D-03	1.52798D-02	3.43278D-05	6.47809D-04	-2.03021D-05
125	-2.34420D-02	6.98608D-03	2.14146D-02	6.44807D-05	5.58938D-04	1.24342D-05
126	-2.34467D-02	6.30203D-03	3.20046D-02	1.01871D-04	4.31582D-04	5.90067D-05
127	-2.64500D-02	6.58698D-03	3.53409D-02	1.23795D-04	4.32940D-04	7.51616D-05
128	-2.34261D-02	4.80591D-03	3.95756D-02	9.46704D-05	2.92480D-04	8.58435D-05
129	-2.34184D-02	4.25633D-03	4.11213D-02	9.11862D-05	2.26417D-04	9.97645D-05
130	-2.23604D-02	2.02480D-03	4.29441D-02	1.04295D-04	8.05938D-05	1.61099D-04
131	-2.40192D-02	3.81683D-03	4.29100D-02	6.34575D-05	1.87367D-05	1.26943D-04
132	-3.22289D-03	6.68257D-08	2.75046D-02	-1.52639D-05	-3.83144D-04	1.12222D-04
133	-4.77098D-03	-5.05793D-03	2.47531D-03	-6.43791D-06	-4.56572D-05	-5.65080D-05
134	-2.13344D-02	-1.16848D-07	4.29638D-02	1.41672D-04	3.70831D-05	2.14841D-04
135	-2.11840D-02	-2.40979D-03	4.29791D-02	1.77583D-04	9.28341D-06	2.62260D-04
136	-2.12064D-02	-6.44882D-03	4.29943D-02	2.05444D-04	1.00369D-05	3.01460D-04
137	-2.97677D-02	-7.33950D-03	4.93552D-02	2.35855D-04	1.07485D-05	3.19908D-04
138	-2.08695D-02	-1.05347D-02	4.29624D-02	1.86421D-04	2.58188D-05	3.03139D-04
139	-1.68810D-02	-6.32696D-03	3.94700D-02	9.71242D-05	6.87382D-05	2.92890D-04
140	-1.72089D-02	-4.04265D-07	3.96661D-02	8.21047D-05	-1.39815D-04	2.41081D-04
141	-1.88134D-02	1.15330D-03	4.12366D-02	7.71524D-05	-2.09388D-04	2.29502D-04
142	-1.95173D-02	1.80206D-03	4.05682D-02	-1.16686D-03	3.77837D-04	1.21061D-03
143	-2.05863D-02	1.78099D-03	3.95143D-02	-1.66750D-03	5.49577D-04	1.66339D-03
144	-2.28797D-02	1.65712D-03	3.72444D-02	-2.42058D-03	7.23243D-04	2.42025D-03
145	-2.61291D-02	1.71419D-03	3.40135D-02	-2.87020D-03	7.47144D-04	2.94344D-03
146	-1.28607D-01	-2.26600D-03	-5.24603D-02	-3.35693D-03	7.97469D-04	4.13447D-03
147	-2.91951D-02	1.59185D-03	3.09481D-02	-2.95295D-03	7.08917D-04	2.86498D-03
148	-3.04788D-02	1.29213D-03	2.96652D-02	-3.00034D-03	6.87657D-04	2.82126D-03
149	-3.20825D-02	7.04974D-04	2.80624D-02	-3.04018D-03	6.70631D-04	2.78615D-03
150	-3.36605D-02	4.01971D-08	2.64849D-02	-3.05206D-03	6.65375D-04	2.77427D-03
151	-2.47704D-02	7.04972D-04	3.61900D-02	-3.14207D-03	6.48789D-04	2.78532D-03
152	-3.72493D-02	-1.49804D-03	2.28964D-02	-3.05208D-03	6.65579D-04	2.77424D-03
153	-9.80084D-03	7.04966D-04	5.34857D-02	-3.27020D-03	6.04067D-04	2.78492D-03
154	7.34878D-05	-1.84470D-04	6.52936D-02	-3.27740D-03	6.00754D-04	2.78492D-03
155	-3.47072D-02	5.41793D-07	3.88529D-02	-1.06110D-04	-4.57009D-04	2.22792D-04
156	-4.71601D-02	-9.81516D-04	2.64838D-02	-2.45479D-04	-4.12020D-04	2.52236D-04
157	-5.29837D-02	-1.04108D-03	2.05700D-02	-2.68671D-04	-3.73597D-04	2.82348D-04
158	-6.21953D-02	-1.19354D-04	1.42243D-02	-2.59979D-04	-3.76373D-04	3.20330D-04
159	-5.82094D-02	-7.14338D-04	1.54045D-02	-2.84039D-04	-3.26479D-04	2.61105D-04
160	-6.06181D-02	-2.45732D-07	1.28337D-02	-2.92257D-04	-2.15219D-04	2.36373D-04
161	-6.13335D-02	8.49525D-04	1.16566D-02	-2.65848D-04	8.77244D-05	1.80211D-04
162	-5.71752D-02	5.18064D-09	1.78459D-02	-2.41059D-04	3.20428D-05	1.09633D-04
163	-5.69378D-02	-1.74812D-04	1.80295D-02	-2.36836D-04	-1.37815D-06	9.50420D-05
164	-5.68934D-02	-2.81805D-04	1.78128D-02	-2.33819D-04	-2.23672D-05	8.52873D-05
165	-5.80204D-02	-6.70342D-04	1.45236D-02	-2.16401D-04	-6.55416D-05	3.79427D-05
166	2.62691D-02	-3.43078D-02	1.65881D-02	-1.68797D-03	-4.51331D-04	7.38515D-04
167	1.42796D-02	-3.44348D-02	-1.23773D-02	-1.69494D-03	-4.48512D-04	6.91449D-04
168	2.04684D-02	-3.66842D-02	1.23652D-03	-1.69431D-03	-4.44666D-04	6.41375D-04
169	1.92761D-02	-3.73222D-02	-4.09721D-03	-1.68799D-03	-3.77793D-04	2.15338D-04
170	1.70330D-02	-1.66010D-02	-1.38684D-02	-1.58021D-03	-1.90670D-04	-5.39476D-04
171	1.53019D-02	-1.66018D-02	-8.61328D-03	-1.59202D-03	-1.90670D-04	-5.09454D-04
172	1.39586D-02	-1.66025D-02	-4.32320D-03	-1.59896D-03	-1.90670D-04	-4.92897D-04
173	1.14403D-02	-1.66028D-02	3.87495D-03	-1.59992D-03	-1.90670D-04	-4.90898D-04
174	8.12963D-03	-1.66029D-02	1.46796D-02	-1.60101D-03	-1.90670D-04	-4.90294D-04
175	1.67845D-02	-1.12113D-02	-1.49064D-02	-1.54936D-03	-1.69934D-04	-6.01795D-04

176	4.79996D-03	4.68935D-03	-1.99433D-08	-1.27426D-03	-1.57374D-04	-9.63813D-04
177	-1.08554D-03	-3.20458D-08	5.68492D-03	-1.57275D-04	-1.21228D-04	1.52217D-04
178	-1.10164D-03	-3.51213D-02	4.53895D-09	1.31105D-04	-1.13307D-05	5.97153D-04
179	-3.08517D-03	-6.69498D-09	1.01619D-02	5.29015D-04	-1.77835D-05	-5.64881D-04
180	-1.23787D-04	4.45107D-02	4.10028D-04	2.18536D-04	-5.54859D-05	2.15421D-04
181	1.12867D-05	4.25622D-02	-3.69039D-05	1.84695D-04	-3.90210D-05	3.07410D-04
182	1.63489D-05	3.64776D-03	-4.52915D-05	1.31537D-04	1.61847D-06	2.99811D-04
183	1.34723D-05	1.93422D-03	-3.56101D-05	1.34427D-04	6.73026D-07	2.88076D-04
184	-1.92550D-03	-3.44131D-05	1.03959D-03	1.44786D-04	-8.35971D-06	2.46300D-04
185	1.51222D-05	-1.82680D-03	-4.23110D-05	1.41590D-04	-1.04086D-06	2.59504D-04
186	-1.90699D-05	-2.17638D-03	-3.56501D-05	1.46754D-04	1.21338D-06	1.14300D-04
187	-2.96675D-05	-1.83109D-03	-2.71970D-05	1.35541D-04	1.35639D-06	1.11771D-04
188	-4.08275D-05	-1.58251D-03	-1.84068D-05	1.23470D-04	1.50970D-06	1.10771D-04
189	-2.63811D-04	-5.81639D-04	5.70073D-05	1.95263D-05	2.97223D-06	5.27872D-05
190	-5.88990D-02	2.58445D-09	-4.96350D-08	-1.76691D-04	-1.80844D-04	-1.88786D-05
191	-5.90483D-02	-1.41424D-08	-3.16772D-02	-1.32535D-04	-6.44354D-05	4.84510D-05
192	-5.90439D-02	-3.38776D-04	-3.20243D-02	-1.30786D-04	-4.40986D-05	5.43285D-05
193	-5.90281D-02	-1.00042D-03	-3.30761D-02	-3.62952D-05	-6.70045D-06	-6.71448D-05
194	-2.20301D-02	-2.72376D-03	-6.74925D-03	-1.40397D-04	4.74401D-04	2.37014D-04
195	-5.35191D-03	-5.88234D-04	-1.64230D-03	-6.58919D-05	2.91440D-04	1.02234D-04
196	-3.95165D-03	-1.04536D-03	-4.93132D-03	3.24750D-04	3.79500D-05	-6.29374D-04
197	6.68511D-03	-9.99883D-04	5.37185D-04	3.20685D-04	3.84147D-05	-6.25040D-04
198	1.44376D-04	-3.71284D-05	-2.75663D-03	3.14584D-04	3.96517D-05	-6.13524D-04
199	-3.47297D-03	6.84556D-03	-1.06191D-03	1.34129D-05	1.45412D-04	-7.28561D-05
200	-4.19340D-03	7.36499D-03	1.27539D-03	7.49652D-06	1.24822D-04	1.06192D-05
201	-4.11526D-03	7.36511D-03	1.26653D-03	-6.44330D-07	1.21677D-04	3.28688D-05
202	-4.03630D-03	7.36517D-03	1.27181D-03	-3.44487D-06	1.19718D-04	4.10938D-05
203	-3.98995D-03	7.18575D-03	1.73412D-03	-3.48486D-06	1.13491D-04	4.44205D-05
204	-4.23509D-03	6.86413D-03	2.54131D-03	7.32452D-08	1.03461D-04	4.25968D-05
205	-4.43063D-03	6.60892D-03	3.18644D-03	5.41570D-06	9.85030D-05	3.36724D-05
206	-4.80866D-03	6.60808D-03	3.26768D-03	9.29598D-06	9.92895D-05	7.07799D-05
207	-5.60023D-03	3.14139D-03	5.82080D-03	4.13330D-05	3.82867D-05	1.04718D-04
208	-5.12584D-03	2.12748D-08	4.19355D-03	1.80282D-04	-3.53055D-05	2.86719D-05
209	3.80300D-02	-4.59139D-03	-6.23068D-02	4.85479D-04	2.17060D-04	-1.28794D-03
210	3.62205D-02	-4.86893D-03	-6.30571D-02	4.86534D-04	2.24584D-04	-1.29054D-03
211	6.44496D-02	-5.98404D-03	-5.31042D-02	4.71252D-04	2.25372D-04	-1.30917D-03
212	3.43042D-02	-5.06750D-03	-6.38356D-02	4.97850D-04	2.32228D-04	-1.27543D-03
213	2.33226D-02	-4.37432D-08	-6.83299D-02	6.37417D-04	3.20049D-04	-9.92341D-04
214	-8.99306D-03	-3.18726D-08	-1.41789D-02	4.14273D-04	-1.12011D-04	1.66752D-04
215	1.74956D-03	3.10204D-03	-5.48618D-03	-2.75657D-04	9.69351D-05	1.37296D-05
216	8.20624D-04	2.73965D-04	-4.57543D-03	-2.53415D-04	9.11087D-05	1.74187D-05
217	8.27988D-04	6.23140D-04	-6.14808D-03	-2.76158D-04	7.08270D-05	1.33280D-05
218	1.42254D-05	4.28450D-04	-7.02518D-08	-2.24793D-04	4.54383D-05	-5.02541D-05
219	-4.14591D-03	4.29845D-04	1.33819D-02	-1.12952D-04	1.12522D-04	-4.76063D-05
220	-4.24113D-03	4.29852D-04	1.36067D-02	-1.12306D-04	1.12943D-04	-4.74911D-05
221	-4.27667D-03	1.48949D-04	1.30238D-02	-1.12307D-04	1.12913D-04	-4.74912D-05
222	-4.33597D-03	4.29857D-04	1.38297D-02	-1.11674D-04	1.13393D-04	-4.73747D-05
223	-5.06351D-03	4.30012D-04	1.54389D-02	-9.44609D-05	1.27735D-04	-4.37873D-05
224	-5.15090D-03	4.30016D-04	1.56262D-02	-9.40151D-05	1.28185D-04	-4.36792D-05
225	-5.18858D-03	1.73560D-04	1.49560D-02	-9.40168D-05	1.28150D-04	-4.36794D-05
226	-5.23790D-03	4.30019D-04	1.58121D-02	-9.35955D-05	1.28668D-04	-4.35742D-05
227	-2.44653D-03	1.08225D-04	7.02835D-03	-1.66582D-06	1.88627D-04	-4.17381D-06
228	8.09123D-04	4.03846D-08	-3.23170D-03	-2.32300D-04	9.87121D-05	1.41229D-05
229	8.61354D-04	-8.56610D-05	-1.12366D-03	-1.85700D-04	9.76565D-05	7.61816D-06
230	8.87650D-04	-8.56717D-05	-4.24645D-04	-1.65328D-04	9.49651D-05	5.58975D-06
231	3.60254D-08	-7.45062D-04	-1.02915D-08	-6.82198D-05	1.45765D-04	2.87796D-05
232	3.89020D-04	-6.49578D-04	-9.99337D-04	3.59202D-05	4.05489D-05	-6.80407D-06
233	4.02635D-04	-6.49367D-04	-9.27221D-04	3.59824D-05	4.03398D-05	-6.72735D-06
234	6.19988D-04	-8.43157D-04	-9.26509D-04	3.59845D-05	4.03411D-05	-6.72718D-06
235	4.16074D-04	-6.49150D-04	-8.54955D-04	3.60387D-05	4.01294D-05	-6.64934D-06

236	2.30535D-10	-8.58510D-05	1.46777D-09	4.89975D-05	2.25480D-05	-8.63536D-06
237	-8.46375D-06	-8.58517D-05	-4.83019D-05	4.80113D-05	2.18752D-05	-8.39941D-06
238	-5.79025D-05	-8.58527D-05	-3.32385D-04	4.68151D-05	2.10070D-05	-8.11525D-06
239	-5.79056D-05	-3.47445D-05	-2.00143D-04	4.68151D-05	2.09956D-05	-8.11327D-06
240	-1.05743D-04	-8.58520D-05	-6.09650D-04	4.57602D-05	2.01671D-05	-7.87262D-06
241	-1.36169D-07	-2.38900D-07	-4.53918D-05	-1.08593D-05	-1.27511D-06	5.76245D-07
242	1.03117D-06	-2.69688D-06	-2.35130D-06	-6.55094D-06	-4.92799D-07	-3.58062D-07
243	1.06325D-06	2.25475D-06	-4.33644D-06	-6.54293D-06	-6.00878D-09	-3.63859D-07
244	-2.50487D-07	6.64798D-06	-3.37059D-08	3.20788D-07	7.18896D-09	-9.34159D-07
245	-1.54408D-07	3.82231D-06	-2.30497D-08	4.25949D-07	1.48613D-08	-6.71439D-07
246	4.07775D-06	3.82251D-06	2.66179D-06	4.26100D-07	1.48613D-08	-6.71671D-07
247	-4.25724D-08	9.45618D-07	-1.25293D-08	3.37388D-07	1.28661D-08	-4.08145D-07
248	-1.42144D-06	-6.84894D-06	-2.60115D-07	3.37622D-07	-7.99718D-08	-9.41024D-07
249	-7.89929D-07	-3.92131D-06	-1.78508D-07	4.40570D-07	-9.38621D-08	-6.76309D-07
250	3.47260D-06	-3.92152D-06	2.59841D-06	4.40718D-07	-9.38621D-08	-6.76507D-07
251	-1.84548D-07	-9.63421D-07	-9.70325D-08	3.47295D-07	-7.16240D-08	-4.11105D-07
252	-2.76569D-04	1.06495D-03	-2.88051D-03	2.78567D-04	5.87753D-05	-5.37756D-04

M O D A L A N A L Y S I S

MODE NUMBER 10
FREQUENCY= 12.4631 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.69359D-02	-2.88411D-02	-8.10084D-03	-6.48577D-04	-3.29141D-04	2.74609D-04
3	1.50120D-02	-5.20252D-02	-3.89029D-02	-2.81878D-03	2.22250D-04	1.34300D-03
4	-9.76508D-03	-5.19845D-02	-9.09731D-02	-2.85866D-03	3.14933D-04	1.40893D-03
5	-3.53598D-02	-5.03753D-02	-1.34081D-01	-2.52271D-03	3.65144D-04	1.92319D-03
6	-5.17802D-02	-2.44092D-02	-1.55184D-01	-1.97207D-03	1.75651D-04	2.43346D-03
7	-5.15140D-02	4.13574D-02	-1.54968D-01	-1.68690D-03	-2.67734D-04	2.33636D-03
8	1.91280D-03	1.11340D-01	-8.64882D-02	-1.56737D-03	-8.44631D-04	1.15235D-03
9	4.16045D-02	1.84135D-02	-4.78128D-02	-1.45940D-03	-2.66099D-04	-9.18997D-05
10	4.56210D-02	4.96443D-07	-4.40075D-02	-1.12245D-03	-3.36719D-04	-1.01993D-04
11	8.26154D-02	-2.29847D-02	-2.62118D-02	3.28320D-04	1.03696D-04	-4.25594D-04
12	6.09457D-02	-7.41129D-07	-2.62528D-02	2.73056D-04	3.55771D-04	-2.11882D-04
13	5.49865D-02	3.17799D-03	-2.10810D-02	8.36346D-05	1.96611D-04	1.35702D-04
14	5.49976D-02	-2.69224D-03	-1.54169D-03	-7.70408D-05	2.48716D-04	-2.28731D-04
15	2.14063D-02	-6.05903D-03	-1.60949D-03	-2.55134D-05	4.87176D-04	-1.99832D-04
16	1.24342D-02	-2.57393D-03	5.74237D-03	-2.73679D-05	2.49918D-04	-1.75148D-04
17	1.21555D-02	9.57685D-03	1.50277D-02	-3.96397D-05	-4.82120D-05	-6.94426D-05
18	1.13206D-02	1.04557D-02	1.34539D-02	-3.42393D-05	-1.52686D-04	-1.62567D-05
19	9.21751D-03	1.08991D-02	1.14006D-02	-3.95382D-05	-1.72827D-04	1.49291D-05
20	8.07069D-03	1.04859D-02	8.83404D-03	-3.30302D-05	-1.55295D-04	6.99946D-05
21	7.89260D-03	4.32188D-03	1.99056D-03	-3.69073D-05	-8.72696D-05	1.54280D-04
22	4.01901D-03	1.59325D-04	4.36084D-04	-1.98459D-05	-4.10088D-06	1.72001D-04
23	5.10276D-10	1.90745D-11	4.53309D-11	-2.57354D-09	3.87369D-09	2.28182D-08
25	-2.75740D-02	-3.47910D-03	-8.77740D-03	-1.36485D-04	4.46073D-04	2.42985D-04
26	-4.30339D-02	-5.10524D-03	-1.45973D-02	-1.63869D-04	4.00373D-04	3.39363D-04
27	-4.68697D-02	-5.10731D-03	-1.64229D-02	-1.62420D-04	3.71333D-04	3.39416D-04
28	-5.25207D-02	-1.20453D-03	-2.24032D-02	4.63182D-05	7.72289D-06	5.89018D-05
29	-5.25303D-02	-6.49875D-04	-2.23542D-02	5.47767D-05	-1.88801D-05	4.35166D-05
30	-5.20363D-02	-3.29408D-05	1.05198D-03	1.64641D-04	-1.17340D-05	-3.36347D-06
31	-3.17769D-02	3.17458D-04	4.87346D-02	3.01879D-04	-1.11010D-04	-2.32760D-04
32	-1.88218D-02	-1.15156D-03	6.14473D-02	6.60478D-05	-4.26867D-04	-2.57365D-04
33	1.23540D-03	-2.01731D-03	5.96236D-02	-1.06199D-04	-8.34408D-04	-2.63558D-04
34	6.02079D-02	1.22146D-02	7.40020D-04	-2.19995D-04	-4.61133D-04	-4.82600D-04
35	6.46700D-02	1.21115D-02	-1.49077D-03	-2.08187D-04	-1.38362D-04	-5.37953D-04
36	-4.86694D-02	1.81156D-02	-1.56915D-01	-1.80712D-03	2.54626D-04	2.08018D-03
37	-5.47917D-02	3.31707D-02	-1.62973D-01	3.40181D-04	5.50673D-04	2.79275D-04
38	-1.82853D-02	3.34591D-02	-5.95322D-03	1.89590D-03	4.69405D-04	-1.93696D-04
39	-1.29834D-02	-3.89636D-03	1.79895D-02	1.69414D-03	2.20543D-04	4.94730D-04
40	-5.84701D-03	-1.28992D-02	4.65318D-03	1.55323D-03	1.98092D-04	7.93295D-04
41	-2.77152D-04	-1.29030D-02	-6.10767D-03	1.51394D-03	1.80540D-04	7.79082D-04
42	4.55432D-03	-2.45431D-03	-1.79223D-02	9.69460D-04	1.61285D-04	6.57443D-04
43	2.06649D-03	1.27772D-02	-1.79250D-02	8.93337D-04	1.47355D-04	5.88735D-04
44	7.93513D-04	1.52378D-02	-1.66324D-02	7.90581D-04	1.52289D-04	4.57930D-04
45	8.47496D-04	3.46630D-02	-2.81503D-03	6.26099D-05	-9.07328D-05	-8.47768D-05
46	8.87238D-04	3.47365D-02	-3.07151D-03	3.65932D-05	-1.02305D-04	4.66466D-05
47	1.63401D-04	5.29051D-03	-2.31258D-04	-1.50185D-04	5.18675D-06	-2.58206D-04
48	1.42912D-04	6.03423D-03	-1.96772D-04	-1.91524D-04	4.09157D-06	-1.84609D-04
49	7.64291D-05	1.75704D-03	-1.13698D-04	-6.59859D-05	-3.59162D-06	-8.70204D-05
50	2.20812D-04	7.27691D-04	-9.42651D-05	-2.01449D-05	-5.61438D-06	-5.40976D-05
51	2.44301D-04	4.18937D-04	-6.77037D-05	-2.01133D-05	-5.12487D-06	-5.05501D-05

52	7.00629D-07	-7.89998D-07	-1.56061D-06	2.59114D-08	-1.11025D-06	-1.01868D-06
53	-2.10786D-12	-6.59441D-12	-2.54219D-12	-2.16467D-12	-9.62174D-11	-1.10547D-10
54	-7.23943D-03	-6.84737D-04	1.65104D-03	1.82809D-04	-2.74292D-04	-4.76352D-04
55	1.72692D-03	-1.40447D-04	4.38500D-03	9.80269D-05	-2.45660D-04	-3.37333D-04
56	4.23568D-03	1.40292D-03	3.12968D-03	-9.56768D-05	-1.97035D-04	-1.48589D-04
57	6.53832D-03	-9.03528D-05	-4.70991D-03	-2.26263D-04	5.65424D-05	-6.03687D-05
58	4.76034D-03	4.09622D-04	-2.69607D-03	-1.53008D-04	2.22834D-05	-2.68959D-04
59	1.94511D-04	5.06615D-04	-3.40279D-04	-1.40766D-04	4.18338D-06	-2.90719D-04
60	4.65030D-02	1.85185D-02	-8.62901D-02	-1.77009D-03	-1.03717D-04	-2.66483D-04
61	5.01621D-02	2.59139D-03	-1.09674D-01	-4.12089D-04	2.26247D-04	1.18137D-04
62	2.85051D-02	1.90061D-03	-1.18889D-01	3.10721D-04	2.29221D-04	-8.57145D-05
63	2.76928D-02	4.05267D-03	-1.18707D-01	4.76059D-04	-2.33299D-04	-2.00977D-04
64	2.76447D-02	-1.40624D-02	-9.34743D-02	9.72043D-04	-3.89581D-04	-2.04164D-04
65	2.54160D-02	-1.41602D-02	-6.89370D-02	1.35131D-03	-5.29968D-04	3.34050D-04
66	1.45416D-02	-1.41802D-02	-2.75545D-02	1.35293D-03	-4.56348D-04	3.64132D-04
67	1.37455D-02	-1.42406D-03	-8.89887D-03	4.86347D-04	-1.72364D-04	1.28737D-04
68	1.36496D-02	1.86516D-02	-8.28592D-03	-2.13793D-04	1.61213D-04	4.36358D-05
69	1.19657D-02	1.64850D-02	-8.66828D-03	-3.68211D-04	2.63336D-04	8.48744D-06
70	1.77330D-03	3.07062D-04	-8.53733D-03	-4.16990D-04	1.80840D-04	6.87106D-06
71	1.54956D-03	-2.32603D-05	-8.68287D-03	-4.91017D-04	6.70182D-05	-6.22104D-05
72	3.86738D-04	-4.53747D-04	-2.73309D-03	-4.44635D-04	9.54248D-05	-1.12490D-04
73	-1.19108D-02	-4.52499D-04	3.45952D-02	-2.11825D-04	2.84707D-04	-8.53119D-05
74	-1.02838D-02	-5.03822D-04	2.94928D-02	-1.90681D-05	4.53939D-04	-1.19450D-06
76	1.72172D-03	-3.91791D-05	-2.89452D-03	-3.49401D-04	1.71768D-04	6.37414D-06
77	1.67956D-03	-1.63715D-04	1.45807D-03	-3.02659D-04	1.63307D-04	1.08243D-05
78	2.18730D-04	-1.17776D-03	3.81745D-04	-1.29586D-04	1.99902D-04	6.53928D-05
79	4.57763D-04	-1.04125D-03	-1.16022D-03	6.47195D-05	4.71203D-05	-1.68527D-05
80	2.71093D-05	-1.14958D-04	-2.39706D-06	1.06718D-05	4.88192D-06	-5.32006D-06
82	-1.96477D-04	-4.05585D-05	-1.14299D-03	7.85320D-05	3.21139D-05	-1.35063D-05
83	-2.76730D-04	-2.59824D-06	-1.53694D-03	3.12077D-05	-4.65905D-06	-8.36156D-06
84	-2.24298D-04	1.56159D-05	-1.38945D-03	6.35151D-06	-1.00254D-05	-2.40223D-06
85	-1.98040D-04	4.55081D-06	-1.26350D-03	-2.14659D-05	-1.74745D-05	3.23902D-06
86	3.89160D-07	3.96311D-06	-7.27332D-06	-1.41639D-05	-8.54701D-07	6.69785D-09
87	-6.27115D-07	8.88076D-06	-5.31051D-07	-6.60678D-06	-4.30020D-07	-1.69448D-06
88	-1.21142D-06	1.53098D-05	-5.72541D-08	5.06458D-07	5.86750D-08	-1.99354D-06
90	-1.52737D-06	-3.02659D-06	-2.28654D-06	-6.92086D-06	9.97993D-07	-1.44533D-06
91	-3.49661D-06	-1.15612D-05	-5.38462D-07	2.10778D-07	-1.58956D-07	-1.84967D-06
93	4.51279D-03	-2.10783D-03	-1.49562D-03	-1.41791D-04	-2.39845D-04	7.06829D-05
94	2.00142D-02	-1.70269D-02	-6.07023D-03	-4.68700D-04	-3.58772D-04	2.06375D-04
95	-5.06411D-02	-3.75789D-02	-1.53001D-01	-2.06004D-03	2.10888D-04	2.43335D-03
96	-5.00017D-02	2.11285D-03	-1.56174D-01	-1.88788D-03	2.33985D-04	2.22673D-03
97	-5.26184D-02	-1.08627D-02	-1.56795D-01	-1.89921D-03	1.10033D-04	2.43569D-03
98	-5.29925D-02	4.84884D-08	-1.57534D-01	-1.84590D-03	4.49793D-05	2.43041D-03
99	2.53890D-02	8.77530D-02	-6.29527D-02	-1.62885D-03	-5.61140D-04	5.69961D-04
100	3.34015D-02	6.38371D-02	-5.48722D-02	-1.61425D-03	-3.38135D-04	2.59410D-04
101	3.96210D-02	3.06241D-02	-4.95069D-02	-1.51642D-03	-2.53184D-04	-1.83814D-05
102	4.39536D-02	6.65948D-03	-4.55940D-02	-1.26121D-03	-3.10803D-04	-1.05801D-04
103	4.33804D-02	1.84622D-02	-6.46588D-02	-1.67544D-03	-1.91367D-04	-1.95911D-04
104	8.13649D-02	-2.00141D-02	-2.62406D-02	3.39284D-04	2.31181D-04	-4.61279D-04
105	7.57565D-02	-1.28083D-02	-2.62587D-02	3.33705D-04	3.13282D-04	-4.81601D-04
106	9.04262D-02	-1.40511D-02	-1.83986D-02	3.20834D-04	3.14365D-04	-5.45684D-04
107	6.80696D-02	-5.65039D-03	-2.62565D-02	3.25121D-04	3.67401D-04	-3.71583D-04
108	5.49959D-02	1.86409D-03	-1.95513D-02	7.17635D-05	1.80861D-04	1.63894D-04
109	5.00759D-02	2.21939D-03	-1.95650D-02	1.42087D-05	1.08423D-03	1.89901D-03
110	4.62544D-02	2.22358D-03	-1.95708D-02	-2.18530D-05	1.36793D-03	2.64263D-03
111	3.87285D-02	1.97988D-03	-1.95800D-02	-9.28838D-05	1.68910D-03	3.82002D-03
112	2.80946D-02	1.27209D-03	-1.95871D-02	-1.51074D-04	1.78111D-03	4.57859D-03
113	-1.22660D-01	-8.30200D-03	-2.58546D-02	-4.31112D-04	1.83967D-03	5.88834D-03
114	1.74024D-02	5.47714D-04	-1.95876D-02	-1.03442D-04	1.78278D-03	4.58306D-03
115	1.27205D-02	3.33184D-04	-1.95879D-02	-7.64801D-05	1.78397D-03	4.58690D-03

116	6.69673D-03	1.41936D-04	-1.95882D-02	-5.42401D-05	1.78520D-03	4.59184D-03
117	6.66647D-04	-1.67374D-08	-1.95884D-02	-4.72614D-05	1.78624D-03	4.59184D-03
118	1.89024D-02	1.41941D-04	-1.94973D-02	-1.86934D-05	1.75311D-03	4.69730D-03
119	-1.29555D-02	-3.00441D-04	-1.95885D-02	4.72697D-05	1.78654D-03	4.59184D-03
120	4.45727D-02	1.41952D-04	-1.95382D-02	2.57916D-05	1.68741D-03	4.83027D-03
121	5.92999D-02	2.12989D-04	-1.96477D-02	2.82866D-05	1.68255D-03	4.83775D-03
122	5.50128D-02	1.38108D-07	-1.78523D-02	5.72508D-05	1.51749D-04	1.78410D-04
123	5.50414D-02	-3.60331D-03	-1.55793D-02	2.96766D-05	1.05606D-04	1.76693D-04
124	5.50937D-02	-9.78779D-03	-1.17345D-02	-3.99845D-05	9.11427D-05	2.82538D-05
125	5.51010D-02	-9.88336D-03	-1.08143D-02	-5.44973D-05	1.05870D-04	-2.83883D-05
126	5.51112D-02	-8.55920D-03	-8.40539D-03	-7.24934D-05	1.35158D-04	-1.15049D-04
127	5.90450D-02	-8.75158D-03	-1.05642D-02	-8.03984D-05	1.31683D-04	-1.56353D-04
128	5.50569D-02	-5.83820D-03	-5.14116D-03	-7.44114D-05	1.80131D-04	-1.55437D-04
129	5.50364D-02	-4.86882D-03	-4.00347D-03	-7.53394D-05	2.03642D-04	-1.79488D-04
130	5.74443D-02	-1.82938D-03	-1.53632D-03	-9.46031D-05	2.14265D-04	-3.01249D-04
131	5.16935D-02	-3.46223D-03	-1.55163D-03	-6.53563D-05	3.27918D-04	-2.24548D-04
132	1.23911D-02	-2.13777D-08	9.02536D-03	-2.93408D-05	1.98822D-04	-1.64108D-04
133	8.02104D-03	9.22078D-03	6.55102D-03	-3.41227D-05	-1.40142D-04	9.48741D-05
134	6.06140D-02	3.37837D-07	-1.52793D-03	-1.37165D-04	1.81319D-04	-4.13321D-04
135	6.34475D-02	2.44794D-03	-1.52044D-03	-1.77670D-04	1.35549D-04	-5.12209D-04
136	6.58394D-02	6.52062D-03	-1.51228D-03	-2.00684D-04	4.30613D-05	-5.93958D-04
137	8.34386D-02	7.89433D-03	-6.95140D-03	-2.05875D-04	4.62436D-05	-6.52655D-04
138	6.53607D-02	1.08430D-02	-1.49663D-03	-2.06836D-04	-8.09827D-05	-5.56322D-04
139	4.16330D-02	5.58423D-03	1.92963D-02	-1.91899D-04	-7.37990D-04	-3.82657D-04
140	1.35397D-02	3.23980D-08	4.73386D-02	-1.40803D-04	-8.61797D-04	-2.88468D-04
141	6.12774D-03	-1.19342D-03	5.47339D-02	-1.24811D-04	-8.50736D-04	-2.68520D-04
142	6.53355D-03	-2.87293D-03	5.51788D-02	-1.72903D-03	4.75583D-04	1.50606D-03
143	4.92636D-03	-3.26442D-03	5.35882D-02	-2.39357D-03	8.94515D-04	2.28929D-03
144	8.33995D-04	-3.28684D-03	4.95218D-02	-3.41800D-03	1.37367D-03	3.55767D-03
145	-5.53602D-03	-2.32330D-03	4.31721D-02	-4.05303D-03	1.51723D-03	4.39984D-03
146	-1.57063D-01	-8.11693D-03	-8.24496D-02	-4.93126D-03	1.58716D-03	6.06594D-03
147	-1.20168D-02	-1.09865D-03	3.66910D-02	-4.10372D-03	1.53370D-03	4.35757D-03
148	-1.48777D-02	-7.06144D-04	3.38308D-02	-4.13373D-03	1.54318D-03	4.33478D-03
149	-1.85768D-02	-3.18892D-04	3.01326D-02	-4.16026D-03	1.55111D-03	4.31753D-03
150	-2.22914D-02	2.29489D-08	2.64184D-02	-4.16702D-03	1.55447D-03	4.31077D-03
151	-7.16405D-03	-3.18903D-04	4.12598D-02	-4.30335D-03	1.50840D-03	4.37270D-03
152	-3.06743D-02	7.75250D-04	1.80359D-02	-4.16701D-03	1.55468D-03	4.31078D-03
153	1.65615D-02	-3.18924D-04	6.49623D-02	-4.48341D-03	1.42097D-03	4.44272D-03
154	3.14995D-02	-4.01320D-04	8.00802D-02	-4.49353D-03	1.41449D-03	4.44667D-03
155	-2.13673D-02	-6.40185D-09	5.89477D-02	9.81265D-05	-3.59472D-04	-2.58561D-04
156	-2.77568D-02	2.28984D-03	5.27397D-02	2.57521D-04	-1.51098D-04	-2.43351D-04
157	-2.96534D-02	1.70298D-03	5.08724D-02	3.15656D-04	-1.27969D-04	-2.30743D-04
158	-2.41626D-02	7.95402D-04	6.07096D-02	3.58092D-04	-1.31500D-04	-2.13807D-04
159	-3.14568D-02	4.90267D-04	4.90807D-02	3.07013D-04	-1.17120D-04	-2.33260D-04
160	-3.23891D-02	-7.84413D-08	4.80630D-02	2.94325D-04	-1.02351D-04	-2.28585D-04
161	-3.70484D-02	-9.57244D-04	4.16366D-02	2.56219D-04	-1.62280D-04	-1.76007D-04
162	-4.54376D-02	-1.06258D-08	2.42974D-02	2.23672D-04	-2.76207D-04	-9.99707D-05
163	-4.69718D-02	1.09896D-04	1.99398D-02	2.18356D-04	-2.70170D-04	-8.34892D-05
164	-4.78877D-02	1.52336D-04	1.69993D-02	2.14433D-04	-2.58086D-04	-7.28313D-05
165	-5.13471D-02	5.98421D-05	4.68007D-03	1.90235D-04	-1.27018D-04	-2.67113D-05
166	-1.97306D-02	3.34555D-02	-1.92315D-02	1.89375D-03	4.70286D-04	-2.12996D-04
167	-1.63389D-02	3.33875D-02	1.32012D-02	1.89750D-03	4.69449D-04	-1.91831D-04
168	-1.74972D-02	3.17369D-02	-2.27618D-03	1.89266D-03	4.67312D-04	-1.72720D-04
169	-1.62371D-02	2.76336D-02	3.45126D-03	1.85916D-03	4.16405D-04	1.17957D-05
170	-1.36121D-02	5.73392D-03	1.52266D-02	1.74152D-03	2.56732D-04	4.05597D-04
171	-1.23218D-02	5.73425D-03	9.43106D-03	1.75670D-03	2.56732D-04	3.77024D-04
172	-1.13332D-02	5.73451D-03	4.69530D-03	1.76560D-03	2.56732D-04	3.61254D-04
173	-9.48920D-03	5.73463D-03	-4.35788D-03	1.76684D-03	2.56732D-04	3.59346D-04
174	-7.06648D-03	5.73466D-03	-1.62906D-02	1.76822D-03	2.56732D-04	3.58744D-04
175	-1.32866D-02	1.03246D-03	1.66616D-02	1.71832D-03	2.37448D-04	4.52500D-04

176	-3.42062D-03	-1.29008D-02	1.32387D-08	1.53713D-03	1.90570D-04	7.89105D-04
177	8.08943D-04	2.32803D-08	-8.32999D-03	5.93558D-04	1.55741D-04	4.78689D-05
178	8.29030D-04	1.62762D-02	-5.60445D-09	3.24650D-04	3.94262D-05	-3.50435D-04
179	3.27315D-03	-1.13181D-09	-1.08014D-02	-1.75663D-04	1.13779D-05	4.56331D-04
180	1.48719D-04	-3.96041D-02	-4.93345D-04	-1.03158D-04	5.65882D-05	-1.18742D-04
181	1.51692D-05	-3.82708D-02	-4.95778D-05	-8.30589D-05	3.76163D-05	-2.11363D-04
182	1.98452D-04	-3.39376D-03	-3.73654D-04	-1.31760D-04	9.24270D-07	-3.12913D-04
183	1.98497D-04	-1.58694D-03	-3.64550D-04	-1.35552D-04	2.25734D-06	-3.03788D-04
184	2.38251D-03	5.16186D-04	-1.42109D-03	-1.46633D-04	1.26324D-05	-2.84604D-04
185	1.83268D-04	2.45280D-03	-3.00678D-04	-1.44641D-04	4.82736D-06	-2.77383D-04
186	-1.75733D-05	2.53516D-03	-4.24381D-05	-1.57175D-04	9.83670D-07	-1.15418D-04
187	-2.22831D-05	2.11546D-03	-3.66231D-05	-1.45089D-04	4.09422D-07	-1.12889D-04
188	-2.26682D-05	1.80496D-03	-3.49645D-05	-1.31957D-04	-1.23971D-07	-1.12103D-04
189	2.32778D-04	5.72890D-04	-8.08826D-05	-2.00859D-05	-5.40475D-06	-5.22859D-05
190	-5.23358D-02	1.26208D-08	-7.83448D-08	1.29898D-04	-6.81903D-05	-4.86301D-06
191	-5.25387D-02	-4.24894D-09	-2.16645D-02	6.20149D-05	-6.05557D-05	3.13233D-05
192	-5.25363D-02	-2.16543D-04	-2.20074D-02	5.93264D-05	-4.50010D-05	3.57821D-05
193	-5.25095D-02	-6.52736D-04	-2.16592D-02	9.46386D-05	-3.91408D-05	-5.29478D-05
194	-2.01440D-02	-2.63270D-03	-6.15945D-03	-1.17947D-04	4.33122D-04	1.94872D-04
195	-4.90058D-03	-6.26534D-04	-1.49857D-03	-5.98430D-05	2.66539D-04	8.26597D-05
196	-1.05957D-02	-6.84240D-04	3.56331D-04	1.86187D-04	-2.71734D-04	-4.80218D-04
197	-2.38167D-03	-6.71391D-04	3.51553D-03	1.83240D-04	-2.74287D-04	-4.76059D-04
198	-5.05883D-03	-4.06948D-04	2.31715D-03	1.77523D-04	-2.75509D-04	-4.69656D-04
199	4.74589D-03	2.26935D-03	1.45111D-03	-1.09537D-04	-1.89329D-04	-1.18593D-04
200	5.68052D-03	3.20062D-03	-1.62807D-03	-1.34024D-04	-1.65577D-04	-6.91879D-05
201	5.49341D-03	3.20077D-03	-1.17765D-03	-1.37236D-04	-1.63157D-04	-4.80101D-05
202	5.40438D-03	3.20086D-03	-8.93092D-04	-1.38119D-04	-1.61649D-04	-4.11704D-05
203	5.43429D-03	3.19487D-03	-9.47071D-04	-1.36373D-04	-1.56106D-04	-4.35648D-05
204	5.77789D-03	3.23818D-03	-2.06588D-03	-1.35688D-04	-1.44640D-04	-4.87695D-05
205	6.05461D-03	3.28671D-03	-2.96821D-03	-1.36006D-04	-1.37212D-04	-5.03130D-05
206	6.48854D-03	3.28650D-03	-4.29592D-03	-1.54390D-04	-1.33454D-04	-3.44192D-05
207	7.52766D-03	2.04997D-03	-7.74995D-03	-1.80107D-04	-5.08845D-05	-1.78718D-05
208	6.63098D-03	-2.02855D-08	-5.00248D-03	-2.24697D-04	5.85850D-05	-5.63204D-05
209	4.57197D-02	-1.66907D-03	-1.11782D-01	-2.36386D-04	2.86776D-04	7.19446D-05
210	4.33088D-02	-3.31391D-03	-1.12793D-01	-2.26751D-04	2.90301D-04	6.40423D-05
211	4.23314D-02	-3.19868D-03	-1.18758D-01	-2.65940D-04	2.91849D-04	5.00316D-05
212	4.08752D-02	-4.77106D-03	-1.13784D-01	-1.89632D-04	2.91161D-04	6.52631D-05
213	3.02746D-02	-1.90299D-07	-1.18163D-01	2.73097D-04	2.48432D-04	-4.43624D-05
214	1.41826D-02	1.06140D-08	-8.63565D-03	4.70031D-04	-1.65975D-04	1.25068D-04
215	3.81571D-03	4.29904D-03	-8.56881D-03	-4.13990D-04	2.23843D-04	7.25514D-06
216	1.75724D-03	1.85013D-04	-6.74411D-03	-3.95868D-04	1.78010D-04	9.97261D-06
217	1.77132D-03	3.50625D-04	-1.00881D-02	-4.38314D-04	1.60427D-04	1.83646D-06
218	-2.99944D-04	-4.53743D-04	-1.10171D-07	-4.35857D-04	1.05733D-04	-1.14124D-04
219	-9.35167D-03	-4.53193D-04	2.81386D-02	-2.57453D-04	2.43174D-04	-9.83714D-05
220	-9.54833D-03	-4.53186D-04	2.86516D-02	-2.56179D-04	2.44037D-04	-9.80515D-05
221	-9.62396D-03	-1.03829D-03	2.73962D-02	-2.56182D-04	2.43963D-04	-9.80555D-05
222	-9.74397D-03	-4.53171D-04	2.91611D-02	-2.54923D-04	2.44969D-04	-9.77276D-05
223	-1.12217D-02	-4.52713D-04	3.28911D-02	-2.19925D-04	2.74685D-04	-8.79489D-05
224	-1.13970D-02	-4.52698D-04	3.33279D-02	-2.18990D-04	2.75617D-04	-8.76610D-05
225	-1.14765D-02	-9.73756D-04	3.18918D-02	-2.18995D-04	2.75532D-04	-8.76651D-05
226	-1.15713D-02	-4.52675D-04	3.37617D-02	-2.18105D-04	2.76630D-04	-8.73798D-05
227	-5.29708D-03	-2.90315D-04	1.51976D-02	-1.35135D-05	4.07256D-04	2.11539D-06
228	1.73477D-03	4.64620D-08	-4.28968D-03	-3.66429D-04	1.74093D-04	8.44329D-06
229	1.75010D-03	-3.92528D-05	-8.54568D-04	-2.93342D-04	1.64499D-04	2.46044D-06
230	1.75502D-03	-3.92994D-05	2.47461D-04	-2.60046D-04	1.59939D-04	-3.50514D-08
231	7.06646D-08	-1.17633D-03	6.53130D-10	-1.25634D-04	1.98146D-04	6.31555D-05
232	3.05125D-04	-1.04449D-03	-1.71153D-03	6.39703D-05	5.03554D-05	-1.82199D-05
233	3.41642D-04	-1.04419D-03	-1.58308D-03	6.40615D-05	5.00617D-05	-1.81026D-05
234	6.08833D-04	-1.38769D-03	-1.58725D-03	6.40654D-05	5.00631D-05	-1.81024D-05
235	3.77898D-04	-1.04389D-03	-1.45439D-03	6.41411D-05	4.97666D-05	-1.79820D-05

236	3.73856D-10	-4.04973D-05	2.40032D-09	8.55058D-05	3.72324D-05	-1.48131D-05
237	-1.45278D-05	-4.05079D-05	-8.43311D-05	8.37968D-05	3.60923D-05	-1.44659D-05
238	-9.98863D-05	-4.05257D-05	-5.80233D-04	8.17126D-05	3.46213D-05	-1.40601D-05
239	-9.98925D-05	4.80809D-05	-3.62332D-04	8.17126D-05	3.45977D-05	-1.40632D-05
240	-1.82991D-04	-4.05462D-05	-1.06418D-03	7.98569D-05	3.32088D-05	-1.37266D-05
241	-3.18426D-06	4.01370D-06	-7.68976D-05	-1.85025D-05	-2.28296D-06	1.39936D-06
242	4.18390D-07	5.64821D-07	-3.54186D-06	-1.10500D-05	-8.48525D-07	-4.16185D-07
243	4.75801D-07	6.86537D-06	-7.09642D-06	-1.11819D-05	-4.46054D-08	-3.18320D-07
244	-1.10893D-06	1.41082D-05	-4.81327D-08	7.83211D-07	7.22258D-08	-1.63681D-06
245	-5.92305D-07	7.87442D-06	-3.28149D-08	9.29123D-07	7.56631D-08	-1.17654D-06
246	6.82393D-06	7.87491D-06	5.82408D-06	9.29503D-07	7.56631D-08	-1.17699D-06
247	-1.28529D-07	1.85187D-06	-1.78374D-08	7.11857D-07	5.54243D-08	-7.15180D-07
248	-3.20608D-06	-1.07142D-05	-4.53701D-07	4.98025D-07	-2.02540D-07	-1.51859D-06
249	-1.73079D-06	-6.20438D-06	-3.11357D-07	6.81830D-07	-2.17139D-07	-1.09143D-06
250	5.14826D-06	-6.20476D-06	3.98651D-06	6.82089D-07	-2.17139D-07	-1.09177D-06
251	-3.82957D-07	-1.55277D-06	-1.69247D-07	5.44535D-07	-1.60669D-07	-6.63444D-07
252	-2.46780D-03	-1.90241D-04	3.10705D-03	1.44991D-04	-2.67108D-04	-4.22550D-04

M O D A L A N A L Y S I S

MODE NUMBER 11
FREQUENCY= 12.7595 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.13838D-02	3.51567D-02	4.25062D-03	7.76899D-04	8.18813D-05	-4.62857D-04
3	1.04528D-02	6.46262D-02	4.17513D-02	3.54615D-03	-6.16586D-04	-1.86419D-03
4	4.48568D-02	6.45714D-02	1.07264D-01	3.58991D-03	-7.16482D-04	-1.94220D-03
5	7.95957D-02	6.18681D-02	1.62302D-01	3.06772D-03	-7.02584D-04	-2.44964D-03
6	1.01434D-01	2.94574D-02	1.90490D-01	2.32498D-03	-2.55514D-04	-2.91444D-03
7	1.00701D-01	-4.88687D-02	1.89520D-01	1.89839D-03	4.10315D-04	-2.68896D-03
8	2.12585D-02	-1.27887D-01	8.77686D-02	1.53040D-03	1.23545D-03	-1.03947D-03
9	-2.83479D-02	-2.02874D-02	3.91860D-02	1.14037D-03	-4.52506D-05	6.09024D-04
10	-2.69017D-02	-5.50104D-07	4.07384D-02	8.42077D-04	-1.59571D-04	4.71606D-04
11	1.11852D-02	1.26685D-02	5.53698D-02	-2.13447D-04	-3.85435D-04	-2.09743D-04
12	3.87894D-02	5.40608D-07	5.52888D-02	-1.58719D-04	-4.85788D-04	-1.81530D-04
13	5.14458D-02	-2.98459D-04	4.14876D-02	-1.41624D-04	-6.62699D-04	-4.09726D-05
14	5.15312D-02	-2.86606D-03	-1.04168D-02	-9.39974D-05	1.28142D-04	-1.74873D-04
15	2.21116D-02	-6.22153D-03	-1.04421D-02	-1.58661D-05	4.86272D-04	-1.81936D-04
16	1.25394D-02	-2.60261D-03	-2.12737D-03	-1.35570D-05	3.06661D-04	-1.74946D-04
17	1.22392D-02	9.98136D-03	1.16982D-02	-3.06504D-05	-1.14130D-05	-7.49153D-05
18	1.15920D-02	1.08807D-02	1.06107D-02	-2.58603D-05	-1.23483D-04	-2.01536D-05
19	9.80706D-03	1.12698D-02	8.88006D-03	-3.17550D-05	-1.45325D-04	1.24430D-05
20	8.82182D-03	1.08260D-02	6.71618D-03	-2.50609D-05	-1.27848D-04	7.04376D-05
21	8.62987D-03	4.47312D-03	1.33584D-03	-2.93900D-05	-6.24423D-05	1.61411D-04
22	4.37453D-03	1.29319D-04	3.53108D-04	-1.59352D-05	1.00616D-05	1.82556D-04
23	5.51084D-10	1.69729D-11	3.72488D-11	-2.09032D-09	5.15946D-09	2.44669D-08
25	-2.20623D-02	-2.60321D-03	-7.01924D-03	-1.02446D-04	3.56845D-04	1.88563D-04
26	-3.42858D-02	-3.65586D-03	-1.12725D-02	-1.05954D-04	3.18171D-04	2.63400D-04
27	-3.72627D-02	-3.65766D-03	-1.24509D-02	-1.04265D-04	2.95205D-04	2.63143D-04
28	-4.15816D-02	-7.37506D-04	-1.66521D-02	6.35853D-05	9.13396D-06	3.84547D-05
29	-4.15889D-02	-3.88837D-04	-1.66470D-02	7.03589D-05	-1.14297D-05	2.63765D-05
30	-4.11629D-02	1.96845D-04	-1.05792D-03	1.96077D-04	5.04112D-06	-3.68650D-06
31	-2.12739D-02	3.93792D-04	4.66627D-02	3.52569D-04	1.86402D-06	-2.77430D-04
32	-1.83407D-02	-1.29780D-03	4.93370D-02	7.67017D-05	-2.56024D-04	-2.89710D-04
33	-2.77277D-03	-2.26682D-03	4.72177D-02	-1.08353D-04	-7.26746D-04	-2.86631D-04
34	5.24837D-02	1.31602D-02	-8.11308D-03	-2.15892D-04	-4.55375D-04	-4.69777D-04
35	5.69541D-02	1.29148D-02	-1.03494D-02	-2.17211D-04	-1.48294D-04	-5.09774D-04
36	9.72730D-02	-2.07408D-02	1.92812D-01	2.13636D-03	-3.31572D-04	-2.42349D-03
37	1.02834D-01	-3.79594D-02	1.99865D-01	-4.38321D-04	-7.34124D-04	-6.78177D-05
38	2.40593D-02	-3.82695D-02	7.19457D-03	-2.34723D-03	-5.88166D-04	4.16479D-04
39	1.73855D-02	2.84496D-03	-2.28102D-02	-2.13600D-03	-2.79056D-04	-6.05979D-04
40	8.08469D-03	1.43260D-02	-5.92029D-03	-1.97544D-03	-2.55308D-04	-1.04760D-03
41	7.23811D-04	1.43308D-02	7.77204D-03	-1.92655D-03	-2.34440D-04	-1.02962D-03
42	-5.69075D-03	9.88531D-04	2.28370D-02	-1.24056D-03	-2.15184D-04	-8.73708D-04
43	-2.35489D-03	-1.85139D-02	2.28411D-02	-1.14461D-03	-1.97277D-04	-7.88012D-04
44	-6.82229D-04	-2.13738D-02	2.11763D-02	-1.01684D-03	-1.91420D-04	-6.22994D-04
45	-7.42731D-04	-4.28788D-02	2.48190D-03	-1.16114D-04	9.91299D-05	1.09097D-04
46	-7.87205D-04	-4.29894D-02	2.76726D-03	-8.33166D-05	1.15599D-04	-5.86016D-05
47	-6.27012D-05	-5.37553D-03	8.37898D-05	1.27756D-04	-3.21710D-06	2.67519D-04
48	-5.13284D-05	-6.21816D-03	6.38342D-05	1.78399D-04	-2.01012D-06	1.81430D-04
49	-9.70386D-05	-1.64374D-03	8.47889D-05	6.44273D-05	3.03356D-06	8.09953D-05
50	-2.13179D-04	-6.64808D-04	7.00406D-05	1.82238D-05	4.23361D-06	5.01763D-05
51	-2.30975D-04	-3.80851D-04	4.98933D-05	1.81243D-05	3.80299D-06	4.68739D-05

52	-7.73838D-07	7.83953D-07	1.31824D-06	-4.73576D-08	9.59723D-07	9.38596D-07
53	1.73989D-12	6.54395D-12	2.22770D-12	-8.80334D-13	8.31721D-11	1.02261D-10
54	3.31630D-03	-4.22928D-04	-2.49759D-03	7.58804D-05	1.42696D-04	-4.89549D-04
55	-1.91840D-03	-3.02509D-03	-4.08596D-03	3.24373D-05	1.69229D-04	-3.42696D-04
56	-4.00034D-03	-1.56428D-03	-2.94267D-03	-6.79865D-05	1.83489D-04	-1.68804D-04
57	-5.99614D-03	1.54406D-04	3.58949D-03	1.60876D-04	-5.00019D-05	2.74517D-05
58	-4.56842D-03	-1.29355D-04	2.03675D-03	1.20107D-04	-2.41836D-05	2.54519D-04
59	-8.21112D-05	-2.02024D-04	1.52880D-04	1.12660D-04	-2.60051D-06	3.03621D-04
60	-5.00280D-02	-2.03774D-02	6.80880D-02	1.28167D-03	-6.55255D-05	1.16817D-03
61	-7.98643D-02	-4.88638D-03	7.96812D-02	-3.45386D-04	4.44525D-05	1.82525D-03
62	-5.20385D-02	-1.90520D-03	9.13763D-02	-9.12785D-04	-7.22700D-04	1.55530D-03
63	-4.37078D-02	4.26889D-03	1.04450D-01	-1.36145D-03	-9.78939D-04	8.03123D-04
64	-4.34539D-02	4.10240D-02	-1.72770D-01	-1.67339D-03	-7.74236D-04	9.90769D-05
65	-2.38734D-02	3.01729D-02	1.50318D-01	-2.11485D-03	-1.74258D-04	-1.95949D-03
66	3.77713D-02	3.01762D-02	8.68430D-02	-2.05219D-03	-4.87728D-05	-2.05878D-03
67	6.31666D-02	3.12343D-03	6.16022D-02	-5.97664D-04	3.89562D-04	-1.07956D-03
68	-9.82574D-03	-4.27925D-02	1.83323D-02	5.74240D-04	2.85746D-04	-3.45900D-04
69	-1.02896D-02	-3.79809D-02	1.80011D-02	8.36200D-04	-1.36844D-04	-2.55643D-04
70	-1.20739D-03	-2.91568D-03	1.77544D-02	8.60992D-04	-2.45183D-04	-1.25021D-04
71	-1.21532D-03	-4.56212D-03	1.66063D-02	9.56172D-04	-1.35406D-04	5.18001D-05
72	4.78362D-04	-4.00887D-03	5.28749D-03	8.64288D-04	-2.00944D-04	1.96092D-04
73	2.35940D-02	-4.01350D-03	-6.97895D-02	4.35732D-04	-5.74419D-04	1.70660D-04
74	2.07468D-02	-3.16886D-03	-5.94906D-02	2.46863D-05	-9.15189D-04	5.94072D-05
76	-1.15843D-03	6.06489D-04	8.36105D-03	7.02196D-04	-3.23025D-04	-7.29433D-05
77	-1.11877D-03	1.86505D-03	-5.27621D-04	5.89155D-04	-3.45061D-04	-4.45844D-05
78	-1.36984D-04	2.63950D-03	-6.24414D-04	2.17495D-04	-4.93236D-04	-3.85081D-05
79	-1.92783D-03	2.27576D-03	2.35867D-03	-1.19131D-04	-1.43119D-04	-3.12482D-06
80	-9.60485D-05	2.81417D-04	4.21936D-06	-2.49231D-05	-1.42635D-05	7.08884D-06
82	3.24523D-04	6.04899D-04	2.03696D-03	-1.40176D-04	-6.46679D-05	2.14999D-05
83	4.28708D-04	4.56562D-04	2.78649D-03	-6.01583D-05	2.88043D-06	-3.15134D-06
84	3.65082D-04	7.50406D-05	2.60618D-03	-1.55834D-05	1.34145D-05	-1.37991D-05
85	2.73162D-04	1.54264D-05	2.40479D-03	4.03075D-05	2.82544D-05	-8.54662D-06
86	-8.00607D-06	1.34327D-05	1.61489D-05	2.73409D-05	1.38180D-06	1.78294D-06
87	-5.17900D-06	7.15908D-06	2.16466D-06	1.41200D-05	1.34368D-06	2.94413D-06
88	-1.69080D-06	-1.34893D-05	1.80087D-07	3.13850D-07	2.30397D-07	3.59158D-06
90	-3.72477D-06	1.26497D-05	5.00232D-06	1.30660D-05	-2.26178D-06	3.78295D-06
91	2.00167D-06	2.61868D-05	9.57194D-07	-6.86934D-07	-6.82387D-08	4.07778D-06
93	-2.31849D-03	2.41794D-03	1.01058D-03	1.57339D-04	1.18277D-04	-1.24735D-04
94	-9.15536D-03	2.05126D-02	3.41499D-03	5.52279D-04	1.31416D-04	-3.52053D-04
95	9.97484D-02	4.55011D-02	1.87282D-01	2.45118D-03	-3.18352D-04	-2.93642D-03
96	9.90113D-02	-1.90425D-03	1.91843D-01	2.22801D-03	-3.12096D-04	-2.62459D-03
97	1.02630D-01	1.30616D-02	1.92781D-01	2.21867D-03	-1.52982D-04	-2.89582D-03
98	1.03132D-01	-2.73725D-08	1.93771D-01	2.14078D-03	-5.39454D-05	-2.87113D-03
99	-1.27137D-02	-1.00126D-01	5.38526D-02	1.51099D-03	7.90752D-04	-2.73600D-04
100	-2.36909D-02	-7.22870D-02	4.28860D-02	1.43065D-03	3.89573D-04	1.36252D-04
101	-2.83493D-02	-3.41353D-02	3.89422D-02	1.23649D-03	4.53300D-05	5.08351D-04
102	-2.76350D-02	-7.22317D-03	3.99648D-02	9.66273D-04	-1.19158D-04	5.33243D-04
103	-3.67872D-02	-2.03293D-02	5.20919D-02	1.26130D-03	-5.45817D-05	9.19079D-04
104	1.44037D-02	1.07888D-02	5.53877D-02	-1.88968D-04	-3.91797D-04	-2.36563D-04
105	2.26658D-02	6.95041D-03	5.53982D-02	-1.61967D-04	-3.97947D-04	-2.51837D-04
106	3.00063D-02	6.34576D-03	5.30537D-02	-1.23068D-04	-4.01218D-04	-2.73446D-04
107	3.09610D-02	3.21935D-03	5.53477D-02	-1.74179D-04	-4.16377D-04	-2.23159D-04
108	5.14579D-02	-2.15983D-05	3.60657D-02	-1.42170D-04	-6.51497D-04	-9.93229D-06
109	5.09974D-02	-1.16498D-03	3.60963D-02	-1.25077D-04	6.08730D-04	1.92615D-03
110	4.83760D-02	-1.52384D-03	3.61092D-02	-7.41383D-05	1.02064D-03	2.75590D-03
111	4.20270D-02	-1.66805D-03	3.61296D-02	5.99999D-05	1.51435D-03	4.06968D-03
112	3.21369D-02	-9.98117D-04	3.61455D-02	1.94200D-04	1.69026D-03	4.91610D-03
113	-1.30456D-01	-9.80966D-03	5.57165D-02	8.08883D-04	1.81222D-03	6.37680D-03
114	2.18643D-02	-1.77143D-04	3.61464D-02	1.04109D-04	1.72463D-03	4.92154D-03
115	1.72958D-02	-1.16680D-05	3.61470D-02	5.30691D-05	1.74415D-03	4.92620D-03

116	1.13608D-02	4.08809D-05	3.61477D-02	1.09111D-05	1.76018D-03	4.93219D-03
117	5.38544D-03	3.16085D-08	3.61480D-02	-2.28545D-06	1.76620D-03	4.93219D-03
118	2.44923D-02	4.08722D-05	3.62217D-02	-5.99959D-05	1.72128D-03	5.06013D-03
119	-8.08317D-03	-1.73977D-05	3.61483D-02	-2.28587D-06	1.76640D-03	4.93219D-03
120	5.22027D-02	4.08540D-05	3.68262D-02	-1.48744D-04	1.64163D-03	5.22138D-03
121	6.85942D-02	-3.50119D-04	3.74278D-02	-1.53721D-04	1.63573D-03	5.23045D-03
122	5.14796D-02	-6.44342D-07	2.94289D-02	-1.42399D-04	-6.28877D-04	2.74927D-05
123	5.15174D-02	-1.38176D-03	1.80404D-02	-1.42834D-04	-5.57697D-04	8.69137D-05
124	5.15935D-02	-6.33461D-03	-3.20200D-03	-1.43934D-04	-2.96179D-04	5.12655D-05
125	5.16058D-02	-6.77001D-03	-5.87291D-03	-1.44163D-04	-2.26430D-04	1.04897D-05
126	5.16242D-02	-6.47227D-03	-9.72549D-03	-1.44447D-04	-1.30067D-04	-6.17503D-05
127	5.46953D-02	-6.83024D-03	-1.38845D-02	-1.55048D-04	-1.33440D-04	-1.01853D-04
128	5.15799D-02	-4.98997D-03	-1.13216D-02	-1.23169D-04	-2.14312D-05	-9.74331D-05
129	5.15631D-02	-4.38844D-03	-1.12931D-02	-1.12873D-04	3.13252D-05	-1.21864D-04
130	5.28488D-02	-1.90354D-03	-1.04120D-02	-1.04648D-04	1.20219D-04	-2.49664D-04
131	4.94261D-02	-3.78076D-03	-1.04214D-02	-7.61429D-05	2.28238D-04	-1.75895D-04
132	1.24929D-02	-3.58247D-08	2.07124D-03	-1.63051D-05	2.55412D-04	-1.66466D-04
133	8.76835D-03	9.54373D-03	4.85642D-03	-2.62808D-05	-1.12752D-04	9.69334D-05
134	5.47746D-02	4.44783D-07	-1.04039D-02	-1.45827D-04	1.18440D-04	-3.65251D-04
135	5.68398D-02	2.60254D-03	-1.03962D-02	-1.90508D-04	9.39424D-05	-4.67239D-04
136	5.85412D-02	6.98181D-03	-1.03874D-02	-2.17802D-04	1.71071D-05	-5.51551D-04
137	7.48677D-02	8.32236D-03	-1.65301D-02	-2.30285D-04	1.96511D-05	-6.06807D-04
138	5.76999D-02	1.15889D-02	-1.03598D-02	-2.18156D-04	-9.47614D-05	-5.23476D-04
139	3.44193D-02	6.33801D-03	9.99191D-03	-1.83317D-04	-7.06831D-04	-3.90407D-04
140	8.17331D-03	1.33380D-07	3.62612D-02	-1.38751D-04	-7.80020D-04	-3.07949D-04
141	1.53076D-03	-1.34199D-03	4.29065D-02	-1.24677D-04	-7.54232D-04	-2.90600D-04
142	2.44084D-03	-3.04772D-03	4.38524D-02	-1.14144D-03	2.35662D-04	9.20697D-04
143	1.49238D-03	-3.42409D-03	4.29191D-02	-1.55761D-03	5.54270D-04	1.45921D-03
144	-1.20082D-03	-3.41880D-03	4.02498D-02	-2.19282D-03	9.28546D-04	2.33593D-03
145	-5.57416D-03	-2.44948D-03	3.58951D-02	-2.58077D-03	1.05287D-03	2.92209D-03
146	-1.08017D-01	-6.08738D-03	-4.25427D-02	-3.05663D-03	1.10365D-03	4.12307D-03
147	-1.01207D-02	-1.21718D-03	3.13486D-02	-2.62429D-03	1.08240D-03	2.88465D-03
148	-1.21550D-02	-8.02426D-04	2.93149D-02	-2.64990D-03	1.09911D-03	2.86427D-03
149	-1.48073D-02	-3.71447D-04	2.66634D-02	-2.67233D-03	1.11280D-03	2.84856D-03
150	-1.74834D-02	1.99787D-08	2.39876D-02	-2.67821D-03	1.11786D-03	2.84268D-03
151	-7.28262D-03	-3.71458D-04	3.38379D-02	-2.78286D-03	1.08194D-03	2.88146D-03
152	-2.35115D-02	8.87001D-04	1.79598D-02	-2.67819D-03	1.11796D-03	2.84270D-03
153	8.33796D-03	-3.71478D-04	4.92373D-02	-2.92186D-03	1.01874D-03	2.92328D-03
154	1.80151D-02	-3.76585D-04	5.89264D-02	-2.92968D-03	1.01406D-03	2.92564D-03
155	-1.97649D-02	-1.14406D-07	4.79567D-02	1.15367D-04	-1.89259D-04	-2.92453D-04
156	-2.16704D-02	2.43157D-03	4.62265D-02	3.00177D-04	-2.42268D-06	-2.87079D-04
157	-2.14682D-02	1.85749D-03	4.64994D-02	3.63368D-04	9.10058D-06	-2.80536D-04
158	-1.42466D-02	7.85473D-04	5.73831D-02	4.05407D-04	5.97694D-06	-2.70056D-04
159	-2.13112D-02	5.95206D-04	4.68383D-02	3.56907D-04	6.77050D-06	-2.79753D-04
160	-2.12536D-02	-4.35301D-08	4.66535D-02	3.45336D-04	-1.10692D-05	-2.70822D-04
161	-2.46945D-02	-1.09939D-03	4.17279D-02	3.02616D-04	-1.78219D-04	-2.07214D-04
162	-3.44430D-02	-1.09382D-08	2.20729D-02	2.64661D-04	-3.03576D-04	-1.19069D-04
163	-3.61484D-02	1.48903D-04	1.73501D-02	2.58314D-04	-2.89266D-04	-1.00218D-04
164	-3.71406D-02	2.17813D-04	1.42530D-02	2.53670D-04	-2.71058D-04	-8.79468D-05
165	-4.05704D-02	2.43224D-04	1.85416D-03	2.25475D-04	-1.20547D-04	-3.35723D-05
166	2.71099D-02	-3.82657D-02	2.36278D-02	-2.34316D-03	-5.89749D-04	4.46187D-04
167	1.98834D-02	-3.82453D-02	-1.65240D-02	-2.34933D-03	-5.88225D-04	4.14089D-04
168	2.30714D-02	-3.74891D-02	2.58975D-03	-2.34467D-03	-5.85216D-04	3.83930D-04
169	2.14907D-02	-3.41767D-02	-4.56792D-03	-2.31518D-03	-5.20718D-04	1.01495D-04
170	1.81841D-02	-9.02315D-03	-1.93250D-02	-2.19115D-03	-3.23270D-04	-4.81123D-04
171	1.66693D-02	-9.02370D-03	-1.20324D-02	-2.21065D-03	-3.23270D-04	-4.38696D-04
172	1.55270D-02	-9.02413D-03	-6.07251D-03	-2.22211D-03	-3.23270D-04	-4.15251D-04
173	1.34099D-02	-9.02434D-03	5.32156D-03	-2.22370D-03	-3.23270D-04	-4.12407D-04
174	1.06306D-02	-9.02438D-03	2.03402D-02	-2.22552D-03	-3.23270D-04	-4.11458D-04
175	1.77712D-02	-3.24661D-03	-2.11331D-02	-2.16431D-03	-2.99645D-04	-5.47026D-04

176	4.87592D-03	1.43281D-02	-1.75895D-08	-1.95549D-03	-2.46364D-04	-1.04248D-03
177	-6.99349D-04	-3.05732D-08	1.08100D-02	-7.73062D-04	-1.95372D-04	-9.08195D-05
178	-7.21833D-04	-1.95211D-02	6.57351D-09	-4.40340D-04	-6.06925D-05	4.40245D-04
179	-3.65176D-03	1.34819D-09	1.20527D-02	1.72422D-04	-7.00509D-06	-5.83918D-04
180	-1.63979D-04	4.90567D-02	5.44224D-04	6.46827D-05	-6.70159D-05	1.37980D-04
181	-3.11705D-06	4.72949D-02	1.01895D-05	3.81104D-05	-4.60742D-05	2.54287D-04
182	-8.21773D-05	4.09968D-03	1.61106D-04	1.00863D-04	6.61786D-07	3.34266D-04
183	-8.39700D-05	2.09463D-03	1.63351D-04	1.05830D-04	-6.59469D-07	3.21604D-04
184	-2.28820D-03	-2.14165D-04	1.02232D-03	1.16946D-04	-1.29213D-05	2.81904D-04
185	-7.50949D-05	-2.31279D-03	1.27752D-04	1.18771D-04	-3.03021D-06	2.88785D-04
186	5.13887D-06	-2.75188D-03	4.48219D-06	1.54488D-04	7.06777D-08	1.06529D-04
187	2.76218D-06	-2.28678D-03	5.33629D-06	1.42868D-04	3.85919D-07	1.04056D-04
188	-1.78027D-06	-1.93213D-03	8.21484D-06	1.29951D-04	6.92278D-07	1.03520D-04
189	-2.22275D-04	-5.22391D-04	5.98563D-05	1.81315D-05	4.04842D-06	4.84868D-05
190	-4.14165D-02	1.14734D-08	-7.35078D-08	1.56321D-04	-3.44565D-05	-6.32802D-08
191	-4.15947D-02	-2.66021D-09	-1.61447D-02	7.86415D-05	-4.57848D-05	1.85348D-05
192	-4.15931D-02	-1.28461D-04	-1.64027D-02	7.55651D-05	-3.30476D-05	2.13892D-05
193	-4.14364D-02	-3.91597D-04	-1.59166D-02	8.71813D-05	7.96425D-07	-6.26988D-05
194	-1.61194D-02	-1.99195D-03	-4.92592D-03	-8.91657D-05	3.46477D-04	1.51095D-04
195	-3.92285D-03	-4.83542D-04	-1.19831D-03	-4.58852D-05	2.13292D-04	6.39424D-05
196	-1.24991D-04	-4.22435D-04	-3.04053D-03	7.85401D-05	1.41152D-04	-4.92112D-04
197	8.17585D-03	-4.49882D-04	-1.75779D-03	7.56509D-05	1.42661D-04	-4.90607D-04
198	2.18462D-03	-1.01230D-03	-2.84269D-03	7.26318D-05	1.44183D-04	-4.82472D-04
199	-4.48230D-03	-4.46144D-04	-1.37052D-03	-6.52110D-05	1.76463D-04	-1.34623D-04
200	-5.35464D-03	1.00482D-03	1.47686D-03	-5.67485D-05	1.52037D-04	-7.57856D-05
201	-5.58222D-03	1.00478D-03	1.67880D-03	-6.39926D-05	1.48736D-04	-6.32003D-05
202	-5.70583D-03	1.00475D-03	1.81445D-03	-6.66931D-05	1.46680D-04	-5.77655D-05
203	-6.08760D-03	1.12565D-03	2.63227D-03	-6.78992D-05	1.39320D-04	-5.19233D-05
204	-6.38743D-03	1.36589D-03	3.61576D-03	-6.34852D-05	1.24480D-04	-5.41155D-05
205	-6.62104D-03	1.61714D-03	4.38406D-03	-5.75422D-05	1.17143D-04	-6.28892D-05
206	-6.09754D-03	1.61675D-03	3.90125D-03	-4.37952D-05	1.20024D-04	-2.89019D-05
207	-7.01515D-03	1.19444D-03	6.89804D-03	-2.43972D-06	4.04768D-05	2.36918D-05
208	-6.07714D-03	2.61462D-08	3.85203D-03	1.53562D-04	-5.29423D-05	2.58816D-05
209	-7.96435D-02	1.21068D-05	8.00614D-02	-5.60138D-04	-1.66103D-04	1.97792D-03
210	-7.82018D-02	1.92480D-03	8.06786D-02	-5.74960D-04	-1.98023D-04	1.99603D-03
211	-1.22118D-01	3.60363D-03	6.89962D-02	-5.51104D-04	-1.99436D-04	2.03833D-03
212	-7.63813D-02	3.65003D-03	8.14219D-02	-6.02234D-04	-2.30315D-04	1.97359D-03
213	-5.73077D-02	1.72393D-07	8.92336D-02	-8.99266D-04	-6.82752D-04	1.60766D-03
214	6.21590D-02	2.23131D-08	6.10021D-02	-5.68623D-04	4.04769D-04	-1.06177D-03
215	-3.66886D-03	-1.12699D-02	1.78138D-02	8.75406D-04	-2.45195D-04	-1.56058D-04
216	-1.19213D-03	-1.60371D-03	1.51010D-02	8.11368D-04	-2.75084D-04	-1.17365D-04
217	-1.20284D-03	-4.11619D-03	1.98357D-02	8.94143D-04	-2.19086D-04	-1.13127D-04
218	1.68544D-03	-4.00960D-03	1.60800D-07	8.50627D-04	-2.21256D-04	2.01296D-04
219	1.85550D-02	-4.01474D-03	-5.64990D-02	5.28464D-04	-4.92075D-04	1.91369D-04
220	1.89377D-02	-4.01474D-03	-5.75527D-02	5.25921D-04	-4.93773D-04	1.90841D-04
221	1.90887D-02	-2.87090D-03	-5.50147D-02	5.25928D-04	-4.93619D-04	1.90835D-04
222	1.93186D-02	-4.01472D-03	-5.85991D-02	5.23407D-04	-4.95619D-04	1.90314D-04
223	2.22227D-02	-4.01401D-03	-6.62802D-02	4.52530D-04	-5.54473D-04	1.74621D-04
224	2.25709D-02	-4.01398D-03	-6.71795D-02	4.50607D-04	-5.56318D-04	1.74167D-04
225	2.27305D-02	-2.97611D-03	-6.42833D-02	4.50615D-04	-5.56139D-04	1.74161D-04
226	2.29173D-02	-4.01392D-03	-6.80723D-02	4.48778D-04	-5.58336D-04	1.73736D-04
227	1.06916D-02	-1.60635D-03	-3.06088D-02	1.28939D-05	-8.21387D-04	4.83715D-05
228	-1.17081D-03	-1.23799D-07	1.09516D-02	7.42203D-04	-3.08393D-04	-9.11952D-05
229	-1.57357D-03	6.06466D-04	4.24902D-03	5.93599D-04	-3.09580D-04	-5.78121D-05
230	-1.78561D-03	6.06449D-04	2.01291D-03	5.29359D-04	-3.01143D-04	-4.86781D-05
231	-6.69084D-08	2.63566D-03	4.25833D-08	2.10968D-04	-4.89212D-04	-3.66040D-05
232	-1.94124D-03	2.28425D-03	3.36799D-03	-1.16840D-04	-1.50570D-04	-5.68928D-07
233	-1.93989D-03	2.28347D-03	3.13334D-03	-1.17090D-04	-1.49897D-04	-8.05124D-07
234	-2.75436D-03	2.91983D-03	3.12638D-03	-1.17099D-04	-1.49905D-04	-8.05879D-07
235	-1.93797D-03	2.28266D-03	2.89809D-03	-1.17319D-04	-1.49217D-04	-1.04025D-06

236	-7.34107D-10	6.05060D-04	-4.57015D-09	-1.52259D-04	-7.41492D-05	2.51469D-05
237	2.46246D-05	6.05038D-04	1.50143D-04	-1.49264D-04	-7.20401D-05	2.42747D-05
238	1.66826D-04	6.05002D-04	1.03362D-03	-1.45632D-04	-6.93189D-05	2.31818D-05
239	1.66837D-04	4.59240D-04	5.97280D-04	-1.45632D-04	-6.92781D-05	2.31505D-05
240	3.02784D-04	6.04937D-04	1.89639D-03	-1.42437D-04	-6.66987D-05	2.22148D-05
241	-1.06010D-05	1.36043D-05	1.50121D-04	3.55339D-05	3.69116D-06	-2.03793D-07
242	-8.01653D-06	2.49622D-05	9.39296D-06	2.18049D-05	1.56368D-06	2.00580D-06
243	-8.10947D-06	2.21593D-07	1.51388D-05	2.13567D-05	-1.19876D-07	2.33721D-06
244	-1.49820D-06	-1.26982D-05	1.51670D-07	-2.76490D-07	1.81156D-07	2.94906D-06
245	-6.12808D-07	-8.08055D-06	1.03949D-07	-7.31069D-07	1.22616D-07	2.12007D-06
246	-1.39779D-05	-8.08107D-06	-4.50456D-06	-7.31376D-07	1.22616D-07	2.12102D-06
247	-5.03311D-08	-2.31489D-06	5.65045D-08	-6.58132D-07	7.17686D-08	1.28872D-06
248	1.89009D-06	2.41947D-05	8.06464D-07	-1.24205D-06	2.95259D-08	3.34813D-06
249	1.22559D-06	1.37387D-05	5.53337D-07	-1.56856D-06	1.06009D-07	2.40673D-06
250	-1.39454D-05	1.37396D-05	-9.33433D-06	-1.56920D-06	1.06009D-07	2.40768D-06
251	3.60189D-07	3.32887D-06	3.00781D-07	-1.22491D-06	9.82341D-08	1.46297D-06
252	7.91204D-04	-1.74083D-03	-3.26479D-03	5.42912D-05	1.54795D-04	-4.32689D-04

M O D A L A N A L Y S I S

MODE NUMBER 12
FREQUENCY= 14.0241 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-2.90575D-02	1.20483D-02	7.71050D-03	1.75493D-04	4.20017D-04	8.25137D-05
3	-3.63916D-02	1.28864D-02	9.43274D-03	-7.24616D-05	3.68643D-04	1.51637D-04
4	-3.92319D-02	1.28996D-02	7.96885D-03	-8.51619D-05	3.41003D-04	1.47022D-04
5	-4.13938D-02	1.28757D-02	4.74543D-03	-1.06339D-04	2.79059D-04	-2.20922D-05
6	-4.24659D-02	6.75839D-03	9.66661D-04	-1.50429D-04	5.38643D-05	-2.86117D-04
7	-4.23370D-02	-1.30163D-02	1.13612D-03	-1.45803D-04	-6.82803D-05	-3.86691D-04
8	-3.07232D-02	-4.61830D-02	1.59073D-02	1.64017D-04	-1.36378D-04	-1.29133D-04
9	-3.62795D-02	-9.07089D-03	1.04407D-02	4.92238D-04	2.78702D-04	2.29173D-04
10	-4.07021D-02	-1.92842D-07	6.11034D-03	3.85796D-04	3.63713D-04	2.60538D-04
11	-6.44209D-02	1.67833D-02	-9.80261D-03	-2.29342D-04	-3.58152D-04	4.48820D-04
12	-2.49496D-02	9.22058D-07	-9.75144D-03	-1.80268D-04	-6.16017D-04	2.01782D-04
13	-1.38182D-02	-1.79043D-03	-1.90071D-02	-8.33602D-05	-3.36871D-04	-7.24923D-05
14	-1.33865D-02	-3.98759D-03	-3.47926D-02	-1.30426D-04	3.58581D-05	1.32129D-05
15	-9.38526D-03	-3.82363D-03	-3.46457D-02	8.00522D-05	-4.11165D-05	-3.67227D-05
16	-9.92068D-03	-6.42218D-04	-3.27402D-02	1.03624D-04	1.44599D-04	-4.35355D-05
17	-9.73055D-03	-4.62308D-04	-1.80669D-02	9.69911D-05	1.81884D-04	2.22738D-05
18	-8.39849D-03	-1.39849D-03	-1.50584D-02	9.43179D-05	2.16833D-04	1.94725D-05
19	-5.73648D-03	-2.71200D-03	-1.24346D-02	9.04522D-05	2.15865D-04	1.49138D-05
20	-4.41666D-03	-3.36277D-03	-9.47422D-03	7.91293D-05	1.74503D-04	-2.55758D-06
21	-4.29165D-03	-2.09353D-03	-2.04937D-03	4.97358D-05	9.66612D-05	-5.31578D-05
22	-2.41730D-03	-8.72215D-05	-2.65323D-04	1.56057D-05	1.30100D-05	-9.98464D-05
23	-3.58334D-10	3.46635D-11	-1.53129D-11	1.39212D-09	-1.88950D-09	-1.41993D-08
25	-2.26959D-02	-3.18729D-03	-7.16950D-03	-8.87534D-05	3.62296D-04	1.72037D-04
26	-3.46231D-02	-2.69142D-03	-8.67348D-03	7.77705D-05	2.88874D-04	2.56389D-04
27	-3.75250D-02	-2.69615D-03	-7.78003D-03	8.34190D-05	2.63262D-04	2.55264D-04
28	-4.14941D-02	-2.17881D-04	-6.96463D-03	2.62283D-04	-1.76447D-05	1.98031D-05
29	-4.15011D-02	-8.13446D-05	-6.66036D-03	2.66794D-04	-3.47861D-05	9.54606D-06
30	-4.09257D-02	4.56010D-04	-1.27820D-02	4.58699D-04	7.79605D-05	-1.23438D-05
31	-7.46320D-03	6.28557D-04	8.55269D-02	6.98752D-04	7.68053D-04	-5.75678D-04
32	-6.76128D-02	-2.11497D-03	2.47384D-02	1.53213D-04	6.89361D-04	-4.82540D-04
33	-7.17001D-02	-3.15286D-03	1.94842D-02	-1.02961D-04	-4.23746D-04	-3.67901D-04
34	-2.14552D-02	1.40729D-02	-3.18651D-02	-1.16750D-04	-5.05199D-04	-2.24312D-04
35	-1.63317D-02	1.30657D-02	-3.44883D-02	-1.87982D-04	-2.04653D-04	-1.54509D-04
36	-4.20227D-02	6.85465D-03	7.18294D-04	-1.61292D-04	2.55776D-05	-2.85655D-04
37	-3.90588D-02	6.71092D-03	-4.07536D-04	-8.20068D-05	1.94524D-05	-3.66011D-04
38	-3.92977D-03	6.75624D-03	8.68074D-05	9.85241D-05	3.45697D-05	-1.04862D-04
39	-3.38514D-03	3.10239D-03	2.40111D-03	1.86840D-04	3.30575D-05	1.15296D-04
40	-1.60874D-03	1.30088D-03	7.07138D-04	2.34001D-04	2.16442D-05	2.09952D-04
41	-1.30889D-04	1.30184D-03	-9.45161D-04	2.36755D-04	2.17931D-05	2.07974D-04
42	1.38196D-03	3.57373D-03	-3.16660D-03	2.55969D-04	3.24221D-05	1.85392D-04
43	8.45839D-04	7.77791D-03	-3.16706D-03	2.53393D-04	3.27653D-05	1.76823D-04
44	5.46314D-04	8.43117D-03	-2.86437D-03	2.39251D-04	3.43195D-05	1.68351D-04
45	5.41221D-04	-6.88865D-03	-1.68576D-03	1.19179D-04	-2.68727D-05	-6.79752D-05
46	5.50442D-04	-6.63556D-03	-1.75069D-03	1.19606D-04	-2.18161D-05	-8.64681D-05
47	9.05048D-04	5.46834D-03	-2.12350D-03	-1.88185D-04	4.77485D-05	-2.45714D-04
48	7.33559D-04	6.05809D-03	-1.83669D-03	-2.15068D-04	3.21437D-05	-1.91067D-04
49	-6.00389D-04	2.01586D-03	-5.58892D-04	-6.87108D-05	-9.22792D-06	-9.26818D-05
50	-6.38009D-05	8.15377D-04	-4.56563D-04	-3.12750D-05	-2.87609D-05	-5.26956D-05
51	5.47622D-05	4.69947D-04	-3.22621D-04	-3.18492D-05	-2.77909D-05	-4.82412D-05

52	-2.40248D-06	-8.41374D-07	-5.06806D-06	-3.17086D-07	-2.80380D-06	-8.20122D-07
53	-6.37410D-12	-7.02327D-12	-6.99042D-12	-4.97017D-11	-2.42985D-10	-7.96469D-11
54	-8.67448D-03	-1.03965D-04	4.16513D-03	-4.40389D-05	-2.83074D-04	-3.47262D-04
55	6.44179D-04	-5.66542D-03	6.98815D-03	-9.29589D-05	-2.68992D-04	-2.81759D-04
56	4.18292D-03	-5.84629D-03	4.85027D-03	-1.95032D-04	-3.74481D-04	-1.89533D-04
57	8.42379D-03	1.56755D-04	-9.65455D-03	-3.00862D-04	1.52872D-04	-1.31659D-04
58	5.86952D-03	1.12902D-03	-6.36687D-03	-2.07404D-04	8.18343D-05	-2.91214D-04
59	1.21158D-03	1.26810D-03	-3.16336D-03	-1.88387D-04	4.71163D-05	-2.72301D-04
60	-4.06533D-02	-9.11871D-03	2.41608D-02	6.43770D-04	2.88582D-05	1.74979D-04
61	-3.44022D-02	-3.07667D-03	3.60061D-02	3.38127D-04	-7.12277D-04	-4.27297D-04
62	2.02017D-02	-6.96657D-04	5.81263D-02	9.54848D-06	-4.56390D-04	-2.77979D-04
63	2.01554D-02	-4.27186D-03	5.38868D-02	-6.12533D-05	8.73805D-04	-1.41389D-04
64	2.02624D-02	-9.23119D-03	-2.55271D-02	-3.40727D-04	1.06446D-03	-1.23209D-05
65	1.87066D-02	-8.43541D-03	-4.29199D-02	-2.83797D-04	6.52624D-04	1.97206D-04
66	1.18880D-02	-8.41973D-03	-5.15815D-02	-2.64195D-04	4.28062D-04	2.76012D-04
67	2.81651D-03	-2.18046D-03	-5.35707D-02	4.62119D-04	-8.53242D-05	6.34273D-04
68	3.01358D-02	8.36219D-02	-3.76827D-02	-6.53017D-04	9.00323D-05	5.56888D-04
69	2.75323D-02	7.57919D-02	-3.81816D-02	-1.63172D-03	5.95485D-04	2.68821D-04
70	-2.31896D-03	-4.94073D-04	-3.80766D-02	-2.13787D-03	8.81741D-04	-5.16293D-05
71	-5.35496D-03	-6.98687D-03	-5.06316D-02	-2.50824D-03	1.49327D-03	-7.53983D-04
72	-1.80353D-02	-1.18602D-02	-2.10230D-02	-3.45316D-03	1.46912D-03	-1.13679D-03
73	-1.30514D-01	-1.19393D-02	3.60560D-01	-2.60790D-03	3.12083D-03	-6.57135D-04
74	-1.09024D-01	-8.24954D-03	3.11892D-01	-4.40729D-04	4.80607D-03	-3.50789D-06
76	-2.24053D-03	-1.93903D-04	-1.12922D-02	-1.79473D-03	8.00992D-04	2.30493D-05
77	-2.17620D-03	-1.31304D-03	8.73959D-03	-1.55848D-03	7.48142D-04	3.75648D-05
78	-4.05725D-04	-6.77316D-04	1.85630D-03	-6.28700D-04	9.67668D-04	-1.22880D-04
79	5.25660D-03	-1.07959D-03	-2.59502D-03	2.39016D-04	3.31345D-04	8.14570D-05
80	2.50180D-04	1.21380D-04	-1.18985D-05	-1.62206D-06	3.28018D-05	-3.29527D-06
82	2.14507D-04	-2.15295D-04	-6.37251D-03	4.37945D-04	1.37809D-04	1.40610D-05
83	1.61338D-04	1.96751D-04	-8.43623D-03	1.72424D-04	-3.88512D-05	-3.79899D-05
84	5.02922D-04	2.46534D-04	-7.47298D-03	3.75851D-05	-6.18490D-05	-2.52246D-05
85	4.75249D-04	5.87658D-05	-6.77455D-03	-1.13880D-04	-9.66637D-05	-1.92976D-05
86	2.33506D-05	5.11830D-05	-4.51502D-05	-7.81748D-05	-4.72832D-06	-1.26441D-05
87	1.58658D-05	8.87431D-06	-5.22208D-06	-3.91007D-05	-3.49732D-06	-1.26200D-05
88	6.58415D-06	5.53146D-05	-2.46859D-07	3.17222D-07	-7.47433D-07	-1.24186D-05
90	1.08860D-05	6.67016D-05	-1.49379D-05	-4.31397D-05	6.63965D-06	-9.41301D-06
91	-6.06167D-06	-6.89043D-06	-2.91082D-06	-3.50070D-06	1.92914D-07	-1.05625D-05
93	-4.41387D-03	1.98380D-03	1.15804D-03	1.08151D-04	2.39544D-04	1.30196D-05
94	-2.08101D-02	8.87579D-03	5.51497D-03	1.76977D-04	4.09467D-04	5.63695D-05
95	-4.21029D-02	1.01564D-02	1.63327D-03	-1.47706D-04	7.67064D-05	-2.61092D-04
96	-4.21544D-02	6.80534D-03	7.92952D-04	-1.60130D-04	3.25426D-05	-2.84166D-04
97	-4.26958D-02	3.08052D-03	5.35495D-04	-1.52646D-04	3.03733D-05	-3.13361D-04
98	-4.27837D-02	-9.49119D-08	3.65042D-04	-1.54800D-04	1.05962D-05	-3.35489D-04
99	-2.81417D-02	-3.91607D-02	1.82938D-02	3.39872D-04	1.34613D-05	5.83115D-05
100	-2.96200D-02	-2.94588D-02	1.66731D-02	4.25404D-04	1.34454D-04	1.51078D-04
101	-3.41642D-02	-1.47121D-02	1.24495D-02	4.83721D-04	2.46031D-04	2.17753D-04
102	-3.88585D-02	-3.41063D-03	7.91891D-03	4.30973D-04	3.36606D-04	2.52128D-04
103	-3.84471D-02	-9.09314D-03	1.63347D-02	5.92259D-04	1.63717D-04	2.02459D-04
104	-6.09431D-02	1.47168D-02	-9.80141D-03	-2.51900D-04	-4.91500D-04	4.62138D-04
105	-4.98273D-02	9.28697D-03	-9.80039D-03	-2.61183D-04	-5.72192D-04	4.69723D-04
106	-6.39946D-02	1.04875D-02	-1.58951D-02	-2.75262D-04	-5.71007D-04	5.27187D-04
107	-3.67208D-02	3.91351D-03	-9.77747D-03	-2.37455D-04	-6.25824D-04	3.60430D-04
108	-1.37985D-02	-9.76148D-04	-2.15225D-02	-9.66043D-05	-3.09660D-04	-7.87436D-05
109	-1.14065D-02	-1.11856D-03	-2.15439D-02	8.39941D-06	-3.67584D-04	-1.93033D-04
110	-1.02668D-02	-1.03012D-03	-2.15529D-02	1.85217D-05	-3.87790D-04	-2.42014D-04
111	-8.35052D-03	-9.17184D-04	-2.15671D-02	-8.28184D-06	-4.13804D-04	-3.19568D-04
112	-5.82311D-03	-1.05926D-03	-2.15782D-02	-6.38410D-05	-4.25087D-04	-3.69534D-04
113	6.44701D-03	-9.14095D-04	-3.20575D-02	-4.96193D-04	-4.56481D-04	-4.55588D-04
114	-3.29026D-03	-1.08821D-03	-2.15789D-02	2.87202D-05	-4.20536D-04	-3.69954D-04
115	-2.19180D-03	-9.02004D-04	-2.15794D-02	8.10047D-05	-4.18050D-04	-3.70314D-04

116	-7.87096D-04	-4.98813D-04	-2.15799D-02	1.23970D-04	-4.16100D-04	-3.70778D-04
117	6.13641D-04	-3.26770D-08	-2.15801D-02	1.37646D-04	-4.15558D-04	-3.70778D-04
118	-1.77466D-03	-4.98811D-04	-2.19851D-02	1.79138D-04	-4.13107D-04	-3.80668D-04
119	3.78301D-03	1.04972D-03	-2.15803D-02	1.37676D-04	-4.15668D-04	-3.70778D-04
120	-3.86029D-03	-4.98803D-04	-2.31675D-02	2.48210D-04	-4.06978D-04	-3.93109D-04
121	-4.36842D-03	1.44803D-04	-2.41572D-02	2.52082D-04	-4.06524D-04	-3.93806D-04
122	-1.37738D-02	-7.66527D-07	-2.43802D-02	-1.14517D-04	-2.83246D-04	-6.48752D-05
123	-1.37258D-02	7.54551D-04	-2.94041D-02	-1.48550D-04	-2.34949D-04	-2.09241D-05
124	-1.35981D-02	-3.26355D-04	-3.69712D-02	-2.34530D-04	-6.51287D-05	5.18315D-05
125	-1.35704D-02	-9.12417D-04	-3.74238D-02	-2.52442D-04	-2.30459D-05	6.00625D-05
126	-1.35249D-02	-2.28363D-03	-3.73579D-02	-2.74654D-04	3.06093D-05	6.57133D-05
127	-1.57434D-02	-2.99591D-03	-4.58439D-02	-3.15483D-04	3.17822D-05	7.96578D-05
128	-1.34577D-02	-3.46994D-03	-3.60176D-02	-2.13822D-04	5.87502D-05	4.50360D-05
129	-1.34327D-02	-3.71432D-03	-3.55480D-02	-1.84388D-04	5.70705D-05	3.41474D-05
130	-1.27967D-02	-2.55647D-03	-3.47654D-02	-1.41932D-04	4.10313D-05	-7.57965D-06
131	-1.34541D-02	-5.10797D-03	-3.47749D-02	-8.33191D-05	-5.66877D-06	5.98535D-06
132	-9.89177D-03	-1.98419D-07	-3.02571D-02	1.02557D-04	1.53607D-04	-2.98780D-05
133	-4.38181D-03	-3.26990D-03	-6.96242D-03	7.08464D-05	1.53500D-04	-1.29638D-05
134	-1.20092D-02	1.80654D-07	-3.47209D-02	-1.72370D-04	1.68663D-05	-3.97135D-05
135	-1.19773D-02	2.84454D-03	-3.46792D-02	-2.05219D-04	-2.96584D-05	-6.80670D-05
136	-1.30170D-02	7.43756D-03	-3.46325D-02	-2.30915D-04	-8.39156D-05	-9.15063D-05
137	-1.09672D-02	8.00817D-03	-4.19964D-02	-2.68535D-04	-8.67058D-05	-8.22140D-05
138	-1.53099D-02	1.19086D-02	-3.45277D-02	-2.00528D-04	-1.58527D-04	-1.33845D-04
139	-4.04069D-02	8.64790D-03	-1.25104D-02	-8.10068D-05	-6.99649D-04	-3.09974D-04
140	-6.37619D-02	5.93698D-07	1.13347D-02	-1.01170D-04	-6.09851D-04	-3.46454D-04
141	-6.88438D-02	-1.85816D-03	1.65437D-02	-1.06983D-04	-5.18877D-04	-3.54654D-04
142	-6.54756D-02	-4.14842D-03	2.00022D-02	3.16336D-04	-8.13701D-04	-6.27551D-04
143	-6.36374D-02	-4.73037D-03	2.18786D-02	5.53656D-04	-9.05695D-04	-6.88550D-04
144	-6.03896D-02	-4.68472D-03	2.51865D-02	9.98057D-04	-1.00836D-03	-7.16591D-04
145	-5.60232D-02	-2.82948D-03	2.95999D-02	1.34560D-03	-1.03565D-03	-6.73428D-04
146	-4.88183D-02	-3.06390D-04	8.77137D-02	2.52340D-03	-1.00452D-03	-1.77982D-05
147	-5.15891D-02	-7.54893D-04	3.40378D-02	1.20352D-03	-1.05136D-03	-8.18432D-04
148	-4.96253D-02	-2.83108D-04	3.60033D-02	1.12358D-03	-1.06032D-03	-9.00883D-04
149	-4.70806D-02	-3.65828D-05	3.85500D-02	1.05829D-03	-1.06771D-03	-9.69396D-04
150	-4.45223D-02	7.14291D-08	4.11091D-02	1.03722D-03	-1.07049D-03	-9.90468D-04
151	-4.98217D-02	-3.66052D-05	3.58692D-02	9.91229D-04	-1.05298D-03	-1.10522D-03
152	-3.87498D-02	2.52189D-04	4.68824D-02	1.03722D-03	-1.07066D-03	-9.90463D-04
153	-5.63033D-02	-3.66510D-05	3.08075D-02	9.07471D-04	-1.02281D-03	-1.27548D-03
154	-5.95052D-02	-7.23516D-04	2.91000D-02	9.02772D-04	-1.02058D-03	-1.28503D-03
155	-6.26754D-02	-4.38116D-07	2.97623D-02	2.27967D-04	7.89769D-04	-5.07091D-04
156	-3.71103D-02	3.87816D-03	5.56776D-02	5.92959D-04	9.55221D-04	-5.72417D-04
157	-2.32183D-02	3.00505D-03	6.99910D-02	7.17069D-04	9.10404D-04	-5.84011D-04
158	-6.31257D-03	8.22282D-04	8.99544D-02	7.96702D-04	9.05333D-04	-5.78377D-04
159	-9.96759D-03	9.43280D-04	8.29818D-02	7.05910D-04	8.37047D-04	-5.81281D-04
160	-2.97454D-03	-8.61424D-08	9.01142D-02	6.87316D-04	6.24092D-04	-5.60602D-04
161	2.25898D-03	-1.77758D-03	9.48581D-02	6.22001D-04	-3.79974D-04	-4.23728D-04
162	-2.47024D-02	-1.83828D-08	4.18887D-02	5.63829D-04	-8.23072D-04	-2.46614D-04
163	-2.94404D-02	2.27530D-04	2.92645D-02	5.54210D-04	-7.57865D-04	-2.09780D-04
164	-3.20913D-02	3.28074D-04	2.13637D-02	5.47132D-04	-6.89822D-04	-1.85679D-04
165	-3.99687D-02	3.39545D-04	-8.33447D-03	5.03823D-04	-2.64708D-04	-7.67850D-05
166	-4.69768D-03	6.75578D-03	-5.93684D-04	9.59896D-05	3.44058D-05	-1.13085D-04
167	-2.88445D-03	6.78842D-03	1.08708D-03	9.86857D-05	3.45724D-05	-1.04450D-04
168	-3.87054D-03	7.37177D-03	3.57776D-04	1.01308D-04	3.46736D-05	-9.60943D-05
169	-3.76596D-03	7.78544D-03	8.00472D-04	1.25391D-04	3.47433D-05	-2.36791D-05
170	-3.47773D-03	4.82894D-03	2.01425D-03	1.75561D-04	3.33706D-05	9.91585D-05
171	-3.16705D-03	4.82929D-03	1.43285D-03	1.75563D-04	3.33706D-05	8.95931D-05
172	-2.93455D-03	4.82957D-03	9.60873D-04	1.75624D-04	3.33706D-05	8.43096D-05
173	-2.50495D-03	4.82970D-03	6.07391D-05	1.75649D-04	3.33706D-05	8.36694D-05
174	-1.94118D-03	4.82973D-03	-1.12547D-03	1.75771D-04	3.33706D-05	8.34600D-05
175	-3.43137D-03	3.98155D-03	2.20821D-03	1.81331D-04	3.31792D-05	1.07840D-04

176	-9.66005D-04	1.30129D-03	2.35428D-09	2.35314D-04	2.17080D-05	2.09537D-04
177	5.45629D-04	-1.50271D-09	-1.10936D-03	2.06754D-04	2.98265D-05	1.47920D-04
178	5.43863D-04	-7.95007D-03	-1.93210D-09	1.62400D-04	-7.23696D-06	5.05524D-05
179	6.21620D-04	-1.14942D-08	-2.00518D-03	-4.76746D-05	2.03569D-05	9.05651D-05
180	1.25911D-04	-2.26303D-02	-4.09645D-04	-1.45002D-04	-3.32974D-05	-3.05940D-05
181	2.44070D-04	-2.24387D-02	-7.98113D-04	-1.36205D-04	-4.47611D-05	-9.43248D-05
182	1.39092D-03	-2.01633D-03	-3.80524D-03	-1.82842D-04	3.94523D-05	-2.80996D-04
183	1.31428D-03	-5.14259D-04	-3.52964D-03	-1.85191D-04	4.28142D-05	-2.77576D-04
184	3.37568D-03	1.27334D-03	-4.62436D-03	-1.98514D-04	6.30172D-05	-2.89078D-04
185	1.09343D-03	2.96550D-03	-2.76240D-03	-1.88431D-04	4.84363D-05	-2.61581D-04
186	-5.54123D-04	2.38733D-03	-6.35566D-04	-1.62745D-04	1.17384D-05	-1.28607D-04
187	-6.32794D-04	2.02230D-03	-5.57540D-04	-1.49599D-04	9.04977D-06	-1.25797D-04
188	-6.89388D-04	1.76720D-03	-5.04084D-04	-1.35721D-04	6.54971D-06	-1.24531D-04
189	-4.14677D-06	6.42014D-04	-3.89925D-04	-3.15132D-05	-2.83740D-05	-5.04301D-05
190	-4.12507D-02	1.56785D-08	-1.26999D-07	3.98012D-04	1.08493D-04	7.62140D-06
191	-4.15040D-02	1.44720D-08	-5.81974D-03	2.79437D-04	-5.68019D-05	4.08347D-06
192	-4.15036D-02	-1.94472D-05	-6.17708D-03	2.74741D-04	-4.91771D-05	5.57891D-06
193	-4.13391D-02	-8.31478D-05	-4.32410D-03	2.33957D-04	-5.44816D-05	-5.19386D-05
194	-1.66374D-02	-2.59253D-03	-5.04478D-03	-8.57896D-05	3.54090D-04	1.35339D-04
195	-4.07927D-03	-7.20948D-04	-1.22886D-03	-5.26737D-05	2.20501D-04	5.45274D-05
196	-1.11204D-02	-1.03632D-04	4.46825D-03	-4.20622D-05	-2.80586D-04	-3.49670D-04
197	-5.11177D-03	-1.57625D-04	3.76436D-03	-4.34515D-05	-2.83052D-04	-3.46463D-04
198	-6.42457D-03	-1.30008D-03	4.85109D-03	-4.72403D-05	-2.84285D-04	-3.44186D-04
199	5.17504D-03	-4.80554D-03	1.58234D-03	-2.03100D-04	-3.72600D-04	-1.75439D-04
200	7.06197D-03	-3.11755D-03	-4.64000D-03	-2.18059D-04	-3.41511D-04	-1.51107D-04
201	6.59384D-03	-3.11756D-03	-3.93038D-03	-2.11285D-04	-3.40570D-04	-1.34623D-04
202	6.32411D-03	-3.11756D-03	-3.49814D-03	-2.08300D-04	-3.39984D-04	-1.28923D-04
203	6.21325D-03	-2.87123D-03	-3.96571D-03	-2.02803D-04	-3.33843D-04	-1.28855D-04
204	6.94692D-03	-2.34338D-03	-6.36255D-03	-1.99591D-04	-3.08769D-04	-1.36058D-04
205	7.53373D-03	-1.85437D-03	-8.28115D-03	-1.99257D-04	-2.91366D-04	-1.34276D-04
206	8.76102D-03	-1.85380D-03	-1.02510D-02	-2.32339D-04	-2.84721D-04	-1.30746D-04
207	1.10206D-02	-4.73173D-04	-1.77591D-02	-2.60425D-04	-1.10433D-04	-9.71271D-05
208	8.66903D-03	-9.22197D-09	-1.04366D-02	-3.00987D-04	1.55706D-04	-1.23347D-04
209	-2.14054D-02	-9.15417D-04	4.13768D-02	2.89805D-04	-7.65042D-04	-4.18258D-04
210	-1.49901D-02	6.57555D-05	4.39809D-02	2.88525D-04	-7.63969D-04	-4.15899D-04
211	-6.33654D-03	-3.33917D-04	5.12285D-02	3.09939D-04	-7.64745D-04	-4.13255D-04
212	-8.61328D-03	9.77493D-04	4.65546D-02	2.71129D-04	-7.59020D-04	-4.13517D-04
213	1.65591D-02	7.14069D-08	5.66687D-02	3.37875D-05	-5.24131D-04	-3.06817D-04
214	3.06550D-03	3.63087D-08	-5.34300D-02	4.68537D-04	-1.01746D-04	6.48190D-04
215	5.79282D-03	1.94145D-02	-3.81036D-02	-2.03426D-03	8.19464D-04	2.45137D-05
216	-2.29455D-03	-1.16219D-04	-2.94308D-02	-2.03064D-03	8.53833D-04	-2.63244D-05
217	-2.34788D-03	-1.36656D-03	-4.70896D-02	-2.32231D-03	9.55807D-04	-1.09977D-04
218	-2.49696D-02	-1.18665D-02	1.54449D-07	-3.51487D-03	1.55825D-03	-1.14493D-03
219	-1.10054D-01	-1.19340D-02	2.82018D-01	-3.04109D-03	2.74658D-03	-8.27378D-04
220	-1.11706D-01	-1.19343D-02	2.88098D-01	-3.03020D-03	2.75404D-03	-8.22917D-04
221	-1.12486D-01	-1.70271D-02	2.73970D-01	-3.03025D-03	2.75311D-03	-8.22994D-04
222	-1.13343D-01	-1.19345D-02	2.94141D-01	-3.01926D-03	2.76237D-03	-8.18425D-04
223	-1.25213D-01	-1.19393D-02	3.39524D-01	-2.69280D-03	3.02818D-03	-6.89003D-04
224	-1.26581D-01	-1.19395D-02	3.44889D-01	-2.68332D-03	3.03652D-03	-6.85399D-04
225	-1.27383D-01	-1.62144D-02	3.29145D-01	-2.68338D-03	3.03541D-03	-6.85476D-04
226	-1.27936D-01	-1.19395D-02	3.50219D-01	-2.67418D-03	3.04592D-03	-6.81920D-04
227	-5.62431D-02	-3.94220D-03	1.60854D-01	-2.94093D-04	4.30570D-03	1.24339D-05
228	-2.26037D-03	-5.82656D-08	-1.78077D-02	-1.88118D-03	8.19184D-04	7.10648D-06
229	-2.09855D-03	-1.95033D-04	-8.26501D-04	-1.50219D-03	7.66458D-04	2.19931D-05
230	-2.01204D-03	-1.95741D-04	4.81022D-03	-1.32789D-03	7.44791D-04	2.16616D-05
231	-1.02456D-07	-6.82049D-04	3.00382D-08	-6.07187D-04	9.60357D-04	-1.21226D-04
232	5.94038D-03	-1.07155D-03	-4.67483D-03	2.42923D-04	3.45001D-04	7.75346D-05
233	5.78409D-03	-1.07233D-03	-4.18700D-03	2.42676D-04	3.43778D-04	7.79415D-05
234	7.67215D-03	-2.40992D-03	-4.16423D-03	2.42685D-04	3.43804D-04	7.79431D-05
235	5.62664D-03	-1.07309D-03	-3.69951D-03	2.42377D-04	3.42531D-04	7.83279D-05

236	7.57793D-10	-2.14421D-04	1.20433D-08	4.75856D-04	1.61789D-04	1.55998D-05
237	1.60071D-05	-2.14591D-04	-4.69954D-04	4.66747D-04	1.56372D-04	1.55213D-05
238	1.09201D-04	-2.14877D-04	-3.23407D-03	4.55502D-04	1.49383D-04	1.52509D-05
239	1.09210D-04	-3.11189D-04	-2.29466D-03	4.55502D-04	1.49193D-04	1.52765D-05
240	1.99732D-04	-2.15139D-04	-5.93278D-03	4.45300D-04	1.42863D-04	1.46501D-05
241	6.89407D-05	5.18361D-05	-4.26321D-04	-1.00860D-04	-1.26290D-05	-1.03063D-05
242	2.33421D-05	-1.38149D-05	-2.45203D-05	-6.13712D-05	-4.81739D-06	-1.29859D-05
243	2.36593D-05	1.09779D-04	-4.41866D-05	-6.30755D-05	-1.23776D-07	-1.17231D-05
244	5.88736D-06	5.15069D-05	-2.07529D-07	2.00662D-06	-6.23868D-07	-1.01977D-05
245	2.61314D-06	3.07268D-05	-1.41480D-07	3.18292D-06	-4.60214D-07	-7.33242D-06
246	4.88437D-05	3.07292D-05	1.99257D-05	3.18456D-06	-4.60214D-07	-7.33645D-06
247	3.31411D-07	8.05130D-06	-7.69051D-08	2.63372D-06	-2.85652D-07	-4.45713D-06
248	-5.71886D-06	-7.66260D-06	-2.45310D-06	-1.67643D-06	-9.69012D-08	-8.67301D-06
249	-3.69052D-06	-9.14890D-06	-1.68442D-06	-1.15725D-08	-3.22612D-07	-6.23524D-06
250	3.56180D-05	-9.14961D-06	-1.75864D-06	-1.17176D-08	-3.22612D-07	-6.23818D-06
251	-1.07828D-06	-4.18555D-06	-9.15612D-07	4.72050D-07	-2.96909D-07	-3.79019D-06
252	-3.74956D-03	-2.79083D-03	5.66047D-03	-6.64142D-05	-2.76308D-04	-3.22217D-04

M O D A L A N A L Y S I S

MODE NUMBER 13
FREQUENCY= 14.0668 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.86067D-02	8.11849D-03	4.50215D-03	3.05492D-06	3.09370D-04	7.12777D-05
3	-2.93301D-02	1.58831D-03	-4.29547D-03	-1.06610D-03	5.15551D-04	5.01771D-04
4	-3.85995D-02	1.62266D-03	-2.41734D-02	-1.08757D-03	5.40303D-04	5.10444D-04
5	-4.76374D-02	1.40657D-03	-4.24661D-02	-9.13008D-04	4.85950D-04	4.67390D-04
6	-5.41782D-02	1.00168D-03	-5.47687D-02	-7.11575D-04	1.85689D-04	3.39017D-04
7	-5.53850D-02	-3.61938D-03	-5.71741D-02	-5.07756D-04	-1.27415D-04	1.22864D-04
8	-2.35337D-02	-2.23103D-02	-1.67741D-02	1.19330D-04	-4.89634D-04	-1.62409D-04
9	-1.22793D-02	-5.32129D-03	-5.77981D-03	7.40873D-04	3.17208D-04	-3.46226D-04
10	-1.75719D-02	-5.49488D-08	-1.11380D-02	6.50281D-04	4.50464D-04	-2.44351D-04
11	-5.23982D-02	2.25762D-02	-3.26333D-02	-2.43483D-04	-2.24862D-04	2.44893D-04
12	-2.54302D-02	7.93659D-07	-3.26126D-02	-2.80864D-04	-3.96207D-04	7.76867D-05
13	-1.93443D-02	-2.48146D-03	-3.66991D-02	-1.81657D-04	-1.02914D-04	-1.21463D-04
14	-1.89561D-02	-3.80667D-03	-3.39692D-02	-1.30820D-04	4.04974D-05	4.89720D-05
15	-1.22969D-02	-3.24200D-03	-3.38192D-02	8.85084D-05	-9.35197D-05	-1.08087D-05
16	-1.17676D-02	-3.37299D-04	-3.28422D-02	1.13777D-04	1.10315D-04	-2.26240D-05
17	-1.15345D-02	-1.76308D-03	-1.96727D-02	1.07112D-04	1.85465D-04	3.26812D-05
18	-1.01033D-02	-2.86142D-03	-1.64900D-02	1.03302D-04	2.35156D-04	2.24711D-05
19	-7.18122D-03	-4.29308D-03	-1.36142D-02	9.97565D-05	2.36796D-04	1.34909D-05
20	-5.72179D-03	-4.91382D-03	-1.03512D-02	8.67598D-05	1.91893D-04	-1.22989D-05
21	-5.56853D-03	-2.74848D-03	-2.23124D-03	5.57653D-05	1.04110D-04	-7.62906D-05
22	-3.06512D-03	-1.06932D-04	-3.19115D-04	1.82945D-05	1.04866D-05	-1.26485D-04
23	-4.40082D-10	3.26963D-11	-1.91706D-11	1.69955D-09	-2.72291D-09	-1.77982D-08
25	-2.19306D-02	-3.24822D-03	-6.92316D-03	-8.67808D-05	3.49486D-04	1.65697D-04
26	-3.34314D-02	-2.67125D-03	-8.16912D-03	8.95993D-05	2.74981D-04	2.49328D-04
27	-3.62540D-02	-2.67615D-03	-7.14226D-03	9.54444D-05	2.49854D-04	2.48276D-04
28	-4.01192D-02	-2.54332D-04	-5.87721D-03	2.70803D-04	-2.32649D-05	2.09956D-05
29	-4.01261D-02	-1.02500D-04	-5.51389D-03	2.75060D-04	-3.96832D-05	-1.13074D-05
30	-3.95655D-02	3.74344D-04	-1.31694D-02	4.56670D-04	7.94807D-05	-1.28768D-05
31	-6.49304D-03	5.91822D-04	8.50876D-02	6.83746D-04	7.94716D-04	-5.65432D-04
32	-6.89386D-02	-2.02204D-03	2.20040D-02	1.50603D-04	7.34849D-04	-4.63749D-04
33	-7.45446D-02	-2.93953D-03	1.67686D-02	-9.18128D-05	-3.71914D-04	-3.41447D-04
34	-2.77696D-02	1.26157D-02	-3.11340D-02	-8.87086D-05	-4.81853D-04	-1.61875D-04
35	-2.28270D-02	1.16084D-02	-3.36574D-02	-1.61965D-04	-2.03791D-04	-8.31507D-05
36	-5.16544D-02	1.30972D-02	-5.61699D-02	-6.94218D-04	1.89506D-04	2.81753D-04
37	-4.99487D-02	1.74967D-02	-5.95667D-02	3.62219D-05	2.38333D-04	-2.35611D-04
38	-1.11000D-02	1.76986D-02	-2.38788D-03	8.01176D-04	2.24318D-04	-1.39843D-04
39	-8.25939D-03	1.11767D-03	1.03575D-02	8.92428D-04	1.44969D-04	2.50850D-04
40	-3.86064D-03	-3.97086D-03	2.89605D-03	9.62451D-04	1.05722D-04	5.19924D-04
41	-1.90313D-04	-3.97003D-03	-3.84749D-03	9.59625D-04	1.00597D-04	5.17280D-04
42	3.41006D-03	4.22473D-03	-1.22588D-02	8.72718D-04	9.56741D-05	4.83281D-04
43	1.87797D-03	1.83978D-02	-1.22612D-02	8.49663D-04	9.27446D-05	4.63438D-04
44	1.02707D-03	2.15358D-02	-1.13753D-02	7.82377D-04	1.06799D-04	4.50640D-04
45	1.03824D-03	-9.56272D-03	-3.27932D-03	3.72157D-04	-7.30527D-05	-1.52400D-04
46	1.06671D-03	-8.99131D-03	-3.47087D-03	3.67777D-04	-7.07637D-05	-1.65867D-04
47	1.76093D-03	1.18238D-02	-4.12933D-03	-3.63238D-04	9.34028D-05	-5.26584D-04
48	1.42604D-03	1.31836D-02	-3.56909D-03	-4.33118D-04	6.26736D-05	-3.93831D-04
49	-1.17055D-03	4.00871D-03	-1.08108D-03	-1.41421D-04	-1.79821D-05	-1.84587D-04
50	-1.22781D-04	1.59254D-03	-8.81177D-04	-6.09880D-05	-5.61056D-05	-1.04351D-04
51	1.08539D-04	9.13466D-04	-6.19847D-04	-6.20422D-05	-5.41982D-05	-9.54402D-05

52	-4.72049D-06	-1.77045D-06	-9.84804D-06	-5.72467D-07	-5.50331D-06	-1.60018D-06
53	-1.24887D-11	-1.47786D-11	-1.37212D-11	-9.19326D-11	-4.76931D-10	-1.55300D-10
54	-1.73548D-02	-1.14503D-04	8.59565D-03	7.52051D-06	-5.74291D-04	-2.12267D-04
55	1.73324D-03	-2.82644D-03	1.43783D-02	-5.33413D-05	-5.56831D-04	-1.85729D-04
56	9.02481D-03	-3.27326D-03	1.00052D-02	-1.86378D-04	-7.60746D-04	-1.25500D-04
57	1.73182D-02	2.92027D-04	-1.83237D-02	-5.44413D-04	3.05325D-04	-2.43024D-04
58	1.22193D-02	2.24459D-03	-1.21588D-02	-3.84392D-04	1.67520D-04	-6.08618D-04
59	2.36086D-03	2.50348D-03	-6.16432D-03	-3.55417D-04	9.22933D-05	-5.87605D-04
60	-3.08930D-04	-5.35995D-03	1.47909D-02	9.95979D-04	2.03645D-04	-6.74133D-04
61	2.12778D-02	2.79085D-04	3.26959D-02	8.36520D-04	-1.62555D-04	-1.83128D-03
62	9.33987D-03	-3.43213D-04	2.81347D-02	5.12926D-04	4.31619D-04	-1.37284D-03
63	4.98871D-03	-8.37603D-03	2.20921D-02	7.60111D-04	3.71754D-04	-4.89745D-04
64	4.65414D-03	-1.67102D-02	-3.07174D-03	4.91752D-04	3.09913D-04	2.71954D-04
65	-1.64008D-02	-2.45960D-03	-2.77623D-03	1.91363D-04	4.12903D-04	1.86265D-03
66	-7.37463D-02	-2.45130D-03	1.59552D-03	9.55287D-05	4.02449D-04	1.86608D-03
67	-9.83841D-02	9.35229D-04	-2.35587D-03	-7.84701D-04	-6.13875D-05	7.56241D-04
68	-4.23117D-02	-6.13367D-02	3.00809D-02	2.81096D-04	-6.91085D-04	-7.81895D-05
69	-3.63175D-02	-5.56559D-02	3.16101D-02	1.21890D-03	-8.84452D-04	1.51200D-04
70	2.97792D-04	5.03072D-03	3.15711D-02	1.80047D-03	-9.00012D-04	2.64417D-04
71	4.09483D-03	1.57632D-02	4.58369D-02	2.19771D-03	-1.44484D-03	8.59754D-04
72	1.72955D-02	2.09830D-02	1.94923D-02	3.19843D-03	-1.38590D-03	1.11993D-03
73	1.24128D-01	2.10838D-02	-3.38857D-01	2.47196D-03	-2.93658D-03	5.92916D-04
74	1.02659D-01	1.58122D-02	-2.93620D-01	4.57950D-04	-4.52404D-03	-1.05080D-04
76	2.54009D-04	-8.01446D-04	6.36032D-03	1.53415D-03	-7.07310D-04	9.26239D-05
77	2.18806D-04	-1.62211D-03	-1.04286D-02	1.35470D-03	-6.12086D-04	1.56734D-05
78	1.43602D-04	-1.22478D-03	-1.72769D-03	5.78426D-04	-7.11598D-04	4.05248D-05
79	-3.53505D-03	-4.79533D-04	1.24173D-03	-1.90645D-04	-2.32518D-04	-4.16706D-05
80	-1.71588D-04	-3.58790D-04	1.04624D-05	2.10638D-05	-2.31755D-05	4.90455D-06
82	-3.36834D-04	-7.74107D-04	5.77824D-03	-3.96616D-04	-1.18445D-04	-2.09975D-05
83	-2.56516D-04	-1.03008D-03	7.59612D-03	-1.45163D-04	3.85790D-05	6.50452D-05
84	-5.83640D-04	-4.33439D-04	6.67576D-03	-2.33222D-05	5.85131D-05	5.62412D-05
85	-4.50285D-04	-1.01120D-04	6.00575D-03	1.03327D-04	8.87230D-05	2.61660D-05
86	-1.05580D-05	-8.80710D-05	3.62223D-05	6.85694D-05	4.34030D-06	9.78380D-06
87	-5.18401D-06	-4.60123D-05	3.10475D-06	3.22064D-05	2.37476D-06	1.21770D-05
88	-2.12664D-07	-7.33783D-05	1.49132D-07	-2.25609D-06	1.84119D-07	1.15830D-05
90	-6.10978D-07	-8.40017D-05	1.20255D-05	3.91483D-05	-5.25962D-06	6.66285D-06
91	1.14003D-05	-9.93668D-06	2.59673D-06	4.31211D-06	3.24757D-07	8.39083D-06
93	-2.53376D-03	2.22286D-03	5.21927D-04	9.97706D-05	1.41897D-04	-3.35770D-06
94	-1.28370D-02	7.39704D-03	3.05173D-03	7.34319D-05	2.76781D-04	3.80913D-05
95	-5.30295D-02	1.27031D-03	-5.26170D-02	-7.58129D-04	2.21086D-04	3.77083D-04
96	-5.26450D-02	8.46935D-03	-5.56187D-02	-7.12554D-04	1.88205D-04	3.10342D-04
97	-5.50730D-02	5.28665D-04	-5.64543D-02	-6.67405D-04	1.35525D-04	2.94885D-04
98	-5.55648D-02	-9.87988D-08	-5.73899D-02	-6.34807D-04	8.83432D-05	2.56533D-04
99	-1.06800D-02	-2.02911D-02	-4.05303D-03	3.79418D-04	-2.55675D-04	-2.12564D-04
100	-7.91504D-03	-1.58580D-02	-1.37376D-03	5.32435D-04	-2.82950D-05	-2.53206D-04
101	-1.01618D-02	-8.35650D-03	-3.65105D-03	6.91128D-04	2.28671D-04	-3.18227D-04
102	-1.53178D-02	-2.08432D-03	-8.85832D-03	6.87848D-04	4.07730D-04	-2.81626D-04
103	-7.67283D-03	-5.33923D-03	2.98020D-03	8.94530D-04	2.64943D-04	-5.15600D-04
104	-5.00586D-02	2.02359D-02	-3.26692D-02	-3.17525D-04	-3.31826D-04	2.67018D-04
105	-4.24471D-02	1.31247D-02	-3.26918D-02	-3.60089D-04	-3.91690D-04	2.79618D-04
106	-5.12279D-02	1.38800D-02	-4.25070D-02	-3.97969D-04	-3.88504D-04	3.26309D-04
107	-3.33763D-02	5.69140D-03	-3.26552D-02	-3.36102D-04	-4.26245D-04	1.97250D-04
108	-1.93282D-02	-1.33127D-03	-3.73216D-02	-1.88766D-04	-8.33225D-05	-1.21548D-04
109	-1.77929D-02	-1.69604D-03	-3.73589D-02	7.38103D-07	-3.29708D-04	-3.71845D-04
110	-1.66474D-02	-1.57952D-03	-3.73747D-02	2.04367D-05	-4.16392D-04	-4.79115D-04
111	-1.43506D-02	-1.43149D-03	-3.73995D-02	-2.39082D-05	-5.29943D-04	-6.48959D-04
112	-1.09739D-02	-1.73221D-03	-3.74189D-02	-1.20003D-04	-5.81695D-04	-7.58385D-04
113	1.39585D-02	-1.26288D-03	-5.56946D-02	-8.75468D-04	-6.38727D-04	-9.46430D-04
114	-7.43897D-03	-1.83152D-03	-3.74202D-02	4.22467D-05	-5.93441D-04	-7.59544D-04
115	-5.86708D-03	-1.52637D-03	-3.74210D-02	1.33889D-04	-6.00113D-04	-7.60539D-04

116	-3.82509D-03	-8.46982D-04	-3.74218D-02	2.09189D-04	-6.05587D-04	-7.61818D-04
117	-1.76979D-03	-5.72866D-08	-3.74222D-02	2.33162D-04	-6.07584D-04	-7.61818D-04
118	-5.86423D-03	-8.46978D-04	-3.81100D-02	3.05306D-04	-5.97331D-04	-7.89093D-04
119	2.86361D-03	1.77815D-03	-3.74226D-02	2.33214D-04	-6.07668D-04	-7.61818D-04
120	-1.02146D-02	-8.46965D-04	-4.01336D-02	4.25649D-04	-5.80425D-04	-8.23388D-04
121	-1.19779D-02	2.56952D-04	-4.18309D-02	4.32396D-04	-5.79173D-04	-8.25312D-04
122	-1.93087D-02	-6.05686D-07	-3.79076D-02	-2.00082D-04	-7.09559D-05	-1.02919D-04
123	-1.92701D-02	1.43890D-03	-3.92189D-02	-2.21583D-04	-5.51462D-05	-5.23794D-05
124	-1.91638D-02	1.24263D-03	-4.00720D-02	-2.75900D-04	3.48358D-05	5.18052D-05
125	-1.91400D-02	6.20516D-04	-3.96069D-02	-2.87216D-04	6.02245D-05	6.91903D-05
126	-1.91008D-02	-1.06070D-03	-3.80093D-02	-3.01249D-04	9.28830D-05	8.77940D-05
127	-2.22144D-02	-1.83390D-03	-4.72463D-02	-3.43489D-04	9.45481D-05	1.07590D-04
128	-1.90306D-02	-2.75931D-03	-3.55853D-02	-2.29366D-04	9.79057D-05	7.24315D-05
129	-1.90045D-02	-3.17447D-03	-3.49108D-02	-1.94585D-04	8.43312D-05	6.43867D-05
130	-1.83592D-02	-2.39979D-03	-3.39405D-02	-1.36900D-04	3.87415D-05	3.70362D-05
131	-1.89723D-02	-4.91740D-03	-3.39510D-02	-8.16711D-05	-1.59861D-05	4.03196D-05
132	-1.17321D-02	-2.09898D-07	-3.08278D-02	1.12705D-04	1.24999D-04	-9.73575D-06
133	-5.67909D-03	-4.64305D-03	-7.59062D-03	7.80257D-05	1.68410D-04	-2.65250D-05
134	-1.77013D-02	1.56349D-07	-3.38939D-02	-1.58716D-04	4.82519D-06	1.85898D-05
135	-1.79458D-02	2.57471D-03	-3.38505D-02	-1.84625D-04	-4.59079D-05	2.31359D-06
136	-1.93554D-02	6.67649D-03	-3.38019D-02	-2.06154D-04	-9.59440D-05	-1.11417D-05
137	-1.96950D-02	7.06432D-03	-4.04908D-02	-2.42611D-04	-9.91340D-05	6.03490D-06
138	-2.18007D-02	1.06100D-02	-3.36969D-02	-1.74749D-04	-1.61702D-04	-5.95331D-05
139	-4.56808D-02	8.02031D-03	-1.28130D-02	-5.73144D-05	-6.56326D-04	-2.63571D-04
140	-6.73389D-02	5.95023D-07	9.34644D-03	-8.56252D-05	-5.58034D-04	-3.15032D-04
141	-7.19832D-02	-1.73008D-03	1.41212D-02	-9.39157D-05	-4.67263D-04	-3.26476D-04
142	-6.86298D-02	-3.89255D-03	1.75659D-02	3.87919D-04	-8.48296D-04	-6.84909D-04
143	-6.66800D-02	-4.45637D-03	1.95544D-02	6.51720D-04	-9.68944D-04	-7.81149D-04
144	-6.31460D-02	-4.41491D-03	2.31492D-02	1.13980D-03	-1.10670D-03	-8.63267D-04
145	-5.83216D-02	-2.59252D-03	2.80213D-02	1.51703D-03	-1.14736D-03	-8.53392D-04
146	-4.53240D-02	1.96449D-04	9.19590D-02	2.75967D-03	-1.11795D-03	-2.40996D-04
147	-5.33974D-02	-5.79351D-04	3.29494D-02	1.37063D-03	-1.16907D-03	-1.00331D-03
148	-5.12100D-02	-1.48394D-04	3.51385D-02	1.28833D-03	-1.18141D-03	-1.08862D-03
149	-4.83705D-02	3.41375D-05	3.79800D-02	1.22124D-03	-1.19155D-03	-1.15959D-03
150	-4.55127D-02	7.37511D-08	4.08386D-02	1.19948D-03	-1.19529D-03	-1.18135D-03
151	-5.16236D-02	3.41154D-05	3.48642D-02	1.15924D-03	-1.17383D-03	-1.30427D-03
152	-3.90673D-02	9.78396D-05	4.72849D-02	1.19948D-03	-1.19546D-03	-1.18135D-03
153	-5.92105D-02	3.40700D-05	2.88791D-02	1.08187D-03	-1.13755D-03	-1.48566D-03
154	-6.30347D-02	-7.18010D-04	2.66912D-02	1.07753D-03	-1.13487D-03	-1.49584D-03
155	-6.37122D-02	-4.29178D-07	2.73163D-02	2.23285D-04	8.32753D-04	-4.89694D-04
156	-3.71230D-02	3.72637D-03	5.42535D-02	5.80240D-04	9.87789D-04	-5.60119D-04
157	-2.27768D-02	2.88270D-03	6.90294D-02	7.02328D-04	9.40741D-04	-5.72797D-04
158	-6.11874D-03	7.42081D-04	8.85284D-02	7.81179D-04	9.35724D-04	-5.67305D-04
159	-9.08236D-03	8.89499D-04	8.24558D-02	6.90903D-04	8.65433D-04	-5.70698D-04
160	-1.84572D-03	-9.33591D-08	8.98382D-02	6.72584D-04	6.47268D-04	-5.50782D-04
161	3.90322D-03	-1.68732D-03	9.52015D-02	6.10627D-04	-3.78400D-04	-4.15916D-04
162	-2.32451D-02	-1.80263D-08	4.18769D-02	5.55878D-04	-8.29840D-04	-2.41906D-04
163	-2.80252D-02	2.05509D-04	2.91498D-02	5.46877D-04	-7.63718D-04	-2.05796D-04
164	-3.06974D-02	2.91840D-04	2.11924D-02	5.40233D-04	-6.94800D-04	-1.82183D-04
165	-3.86135D-02	2.51197D-04	-8.70448D-03	4.99375D-04	-2.66435D-04	-7.56954D-05
166	-1.21311D-02	1.76961D-02	-7.98696D-03	7.97140D-04	2.24470D-04	-1.51669D-04
167	-9.70478D-03	1.76909D-02	5.71890D-03	8.02053D-04	2.24340D-04	-1.38419D-04
168	-1.07226D-02	1.74084D-02	-6.31279D-04	8.03907D-04	2.23746D-04	-1.27868D-04
169	-1.01058D-02	1.61260D-02	2.14802D-03	8.28116D-04	2.08159D-04	-2.22451D-05
170	-8.65848D-03	5.99544D-03	8.60199D-03	8.80342D-04	1.56930D-04	2.00562D-04
171	-8.04269D-03	5.99588D-03	5.67517D-03	8.86521D-04	1.56930D-04	1.74407D-04
172	-7.59667D-03	5.99623D-03	3.28649D-03	8.90256D-04	1.56930D-04	1.59936D-04
173	-6.78383D-03	5.99640D-03	-1.27800D-03	8.90805D-04	1.56930D-04	1.58175D-04
174	-5.71911D-03	5.99643D-03	-7.29471D-03	8.91596D-04	1.56930D-04	1.57555D-04
175	-8.45528D-03	3.62410D-03	9.49766D-03	8.86526D-04	1.50512D-04	2.26366D-04

176	-2.26738D-03	-3.97051D-03	6.10924D-09	9.61703D-04	1.03526D-04	5.19937D-04
177	1.03141D-03	2.05857D-09	-5.50786D-03	6.71352D-04	1.10104D-04	3.39454D-04
178	1.03576D-03	-1.47346D-02	-5.48308D-09	5.19820D-04	1.24900D-05	5.06452D-05
179	2.07447D-03	-2.53723D-08	-6.77493D-03	-4.13148D-05	3.63643D-05	3.07682D-04
180	2.87530D-04	-5.63404D-02	-9.39442D-04	-2.40553D-04	-4.74488D-05	-6.72414D-05
181	4.75879D-04	-5.55957D-02	-1.55614D-03	-2.17415D-04	-7.50085D-05	-2.24577D-04
182	2.71027D-03	-4.88365D-03	-7.41493D-03	-3.40843D-04	7.65953D-05	-6.13216D-04
183	2.56138D-03	-1.49303D-03	-6.87936D-03	-3.47020D-04	8.34544D-05	-6.02973D-04
184	6.97771D-03	2.51710D-03	-8.91145D-03	-3.71481D-04	1.26898D-04	-6.12867D-04
185	2.12952D-03	6.28136D-03	-5.37934D-03	-3.58758D-04	9.48150D-05	-5.62920D-04
186	-1.07986D-03	5.36027D-03	-1.23135D-03	-3.38064D-04	2.28330D-05	-2.54901D-04
187	-1.23295D-03	4.51079D-03	-1.07947D-03	-3.11050D-04	1.76176D-05	-2.49188D-04
188	-1.34317D-03	3.89641D-03	-9.75305D-04	-2.82129D-04	1.27628D-05	-2.46997D-04
189	-6.38690D-06	1.25162D-03	-7.51154D-04	-6.14129D-05	-5.53442D-05	-9.98135D-05
190	-3.98819D-02	1.53551D-08	-1.24781D-07	3.99238D-04	1.16453D-04	6.67466D-06
191	-4.01289D-02	1.65252D-08	-4.61665D-03	2.87025D-04	-5.82655D-05	5.26742D-06
192	-4.01285D-02	-2.61735D-05	-4.98789D-03	2.82581D-04	-5.19296D-05	6.91236D-06
193	-4.00510D-02	-1.03470D-04	-3.09188D-03	2.43862D-04	-8.20912D-05	-3.54190D-05
194	-1.60827D-02	-2.64345D-03	-4.87314D-03	-8.46648D-05	3.41881D-04	1.30048D-04
195	-3.94657D-03	-7.38131D-04	-1.18739D-03	-5.26838D-05	2.13195D-04	5.20611D-05
196	-1.88602D-02	-1.14329D-04	8.54119D-03	8.70070D-06	-5.68935D-04	-2.15532D-04
197	-1.50602D-02	-1.34210D-04	8.75387D-03	8.89615D-06	-5.74221D-04	-2.09900D-04
198	-1.27898D-02	-5.80271D-04	9.98741D-03	4.08837D-06	-5.77193D-04	-2.11042D-04
199	1.10390D-02	-2.72736D-03	3.37531D-03	-2.05052D-04	-7.54815D-04	-1.21724D-04
200	1.48525D-02	-1.86393D-03	-9.19157D-03	-2.41852D-04	-6.87747D-04	-1.15976D-04
201	1.45125D-02	-1.86379D-03	-8.42475D-03	-2.23614D-04	-6.84775D-04	-9.41879D-05
202	1.43280D-02	-1.86371D-03	-7.97309D-03	-2.15842D-04	-6.82923D-04	-8.78321D-05
203	1.47723D-02	-1.76461D-03	-9.72111D-03	-2.04321D-04	-6.67993D-04	-9.35585D-05
204	1.62336D-02	-1.49133D-03	-1.44969D-02	-2.03000D-04	-6.11698D-04	-1.01379D-04
205	1.73913D-02	-1.25839D-03	-1.82849D-02	-2.06877D-04	-5.75492D-04	-9.17470D-05
206	1.82652D-02	-1.25763D-03	-2.04537D-02	-2.79592D-04	-5.69458D-04	-1.12599D-04
207	2.27425D-02	-7.75036D-04	-3.53195D-02	-3.59402D-04	-2.13511D-04	-1.09510D-04
208	1.78088D-02	-2.63103D-08	-1.98895D-02	-5.38771D-04	3.12386D-04	-2.26471D-04
209	2.35518D-02	1.12811D-03	3.37293D-02	8.26281D-04	-1.26010D-05	-1.96226D-03
210	2.36130D-02	1.37493D-03	3.37676D-02	8.28230D-04	1.47426D-05	-1.97423D-03
211	6.66881D-02	-3.65054D-04	5.20515D-02	8.50121D-04	1.43785D-05	-2.00228D-03
212	2.33248D-02	1.57070D-03	3.36579D-02	8.10585D-04	4.42420D-05	-1.95400D-03
213	1.25844D-02	4.74576D-08	2.94268D-02	5.45198D-04	4.12403D-04	-1.47213D-03
214	-9.82476D-02	-7.16826D-08	-2.27100D-03	-7.93988D-04	-7.32543D-05	7.24749D-04
215	-8.40315D-03	-1.14790D-02	3.15820D-02	1.66818D-03	-9.13151D-04	2.37516D-04
216	2.84123D-04	2.56159D-03	2.30170D-02	1.71725D-03	-8.30318D-04	2.15652D-04
217	3.24659D-04	8.03886D-03	4.07627D-02	1.98625D-03	-9.70436D-04	3.18103D-04
218	2.41070D-02	2.09919D-02	-1.55864D-07	3.26273D-03	-1.46956D-03	1.12282D-03
219	1.05415D-01	2.10810D-02	-2.64508D-01	2.87381D-03	-2.58503D-03	7.66540D-04
220	1.06945D-01	2.10814D-02	-2.70254D-01	2.86375D-03	-2.59203D-03	7.62021D-04
221	1.07676D-01	2.58106D-02	-2.56960D-01	2.86379D-03	-2.59116D-03	7.62128D-04
222	1.08460D-01	2.10815D-02	-2.75966D-01	2.85362D-03	-2.59986D-03	7.57452D-04
223	1.19334D-01	2.10851D-02	-3.18921D-01	2.55090D-03	-2.84951D-03	6.25742D-04
224	1.20575D-01	2.10852D-02	-3.24004D-01	2.54209D-03	-2.85734D-03	6.22070D-04
225	1.21324D-01	2.49885D-02	-3.09193D-01	2.54215D-03	-2.85629D-03	6.22176D-04
226	1.21803D-01	2.10851D-02	-3.29053D-01	2.53359D-03	-2.86617D-03	6.18499D-04
227	5.29669D-02	7.86873D-03	-1.51443D-01	3.14456D-04	-4.05345D-03	-1.09607D-04
228	2.65051D-04	1.65126D-07	1.21563D-02	1.60125D-03	-7.47694D-04	1.36985D-04
229	7.88560D-04	-8.00129D-04	-2.57080D-03	1.27897D-03	-6.76645D-04	7.57414D-05
230	1.07008D-03	-7.99298D-04	-7.36226D-03	1.12650D-03	-6.57404D-04	6.56052D-05
231	5.37042D-08	-1.21641D-03	-8.42817D-08	5.57982D-04	-7.06093D-04	4.08923D-05
232	-3.87883D-03	-4.95479D-04	2.92139D-03	-1.97108D-04	-2.42781D-04	-3.84643D-05
233	-3.80117D-03	-4.93963D-04	2.52564D-03	-1.96612D-04	-2.41861D-04	-3.87837D-05
234	-5.12528D-03	5.83436D-04	2.51633D-03	-1.96615D-04	-2.41878D-04	-3.87846D-05
235	-3.72264D-03	-4.92453D-04	2.13079D-03	-1.96075D-04	-2.40923D-04	-3.90921D-05

236	-4.00223D-10	-7.75442D-04	-1.05155D-08	-4.31761D-04	-1.39702D-04	-2.60001D-05
237	-2.61919D-05	-7.75207D-04	4.26456D-04	-4.23387D-04	-1.34892D-04	-2.51879D-05
238	-1.74673D-04	-7.74812D-04	2.93345D-03	-4.13004D-04	-1.28686D-04	-2.39135D-05
239	-1.74687D-04	-6.24625D-04	2.12432D-03	-4.13004D-04	-1.28510D-04	-2.38617D-05
240	-3.14598D-04	-7.74370D-04	5.37980D-03	-4.03505D-04	-1.22917D-04	-2.23629D-05
241	-4.33960D-05	-8.91949D-05	3.70784D-04	8.86191D-05	1.15919D-05	7.27931D-06
242	-1.06151D-05	-3.29361D-05	1.80111D-05	5.30214D-05	4.20880D-06	1.08584D-05
243	-1.09060D-05	-1.32190D-04	3.60658D-05	5.59552D-05	3.27183D-07	8.68587D-06
244	-1.39752D-07	-6.76809D-05	1.24964D-07	-3.66054D-06	1.06209D-07	9.51142D-06
245	1.35833D-07	-3.80026D-05	8.43775D-08	-4.43384D-06	3.30891D-08	6.83860D-06
246	-4.29795D-05	-3.80055D-05	-2.78697D-05	-4.43616D-06	3.30891D-08	6.84217D-06
247	1.23506D-07	-9.03080D-06	4.58656D-08	-3.41915D-06	3.70235D-09	4.15695D-06
248	1.05194D-05	-7.75445D-06	2.18857D-06	2.67587D-06	5.55364D-07	6.88958D-06
249	5.92788D-06	8.76139D-07	1.50312D-06	1.06221D-06	6.85729D-07	4.95267D-06
250	-2.52929D-05	8.76207D-07	8.20121D-06	1.06289D-06	6.85729D-07	4.95477D-06
251	1.41966D-06	2.37891D-06	8.17061D-07	3.00064D-07	5.31423D-07	3.01056D-06
252	-7.34253D-03	-1.24004D-03	1.16355D-02	-1.80843D-05	-5.65908D-04	-2.02205D-04

M O D A L A N A L Y S I S

MODE NUMBER 14
FREQUENCY= 14.4106 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	3.22569D-04	1.20178D-02	-2.77791D-05	1.58640D-04	-9.13244D-06	-1.00437D-04
3	2.75444D-03	1.47867D-02	2.19088D-03	1.40248D-04	-6.64589D-05	-1.74831D-04
4	5.96306D-03	1.47924D-02	4.68260D-03	1.28944D-04	-7.08852D-05	-1.80646D-04
5	9.12513D-03	1.38287D-02	6.17995D-03	1.67184D-05	-4.94203D-05	-2.28471D-04
6	1.09494D-02	6.60784D-03	6.58501D-03	-9.07767D-05	-8.68288D-06	-3.15788D-04
7	1.08962D-02	-1.10840D-02	6.52722D-03	-8.04156D-05	2.11402D-05	-3.31461D-04
8	6.47464D-03	-3.31625D-02	9.60704D-04	1.26021D-04	6.76259D-05	-5.20650D-05
9	4.71568D-03	-5.59050D-03	-7.53613D-04	2.56412D-04	-1.68670D-05	1.96699D-04
10	4.97382D-03	-1.08247D-07	-5.34927D-04	2.13230D-04	-2.10838D-05	1.75864D-04
11	7.72101D-03	8.87295D-03	6.66700D-04	-1.05850D-04	2.41320D-05	-6.02269D-05
12	4.04282D-03	1.22793D-07	6.47462D-04	-1.20604D-04	6.32918D-05	-7.17288D-05
13	2.83809D-03	-8.18671D-04	1.71555D-03	-8.00023D-05	4.32472D-05	-5.03981D-05
14	2.79448D-03	5.90543D-04	4.99404D-03	1.40700D-05	8.17079D-06	1.04028D-05
15	1.45839D-03	5.53080D-04	4.97256D-03	-9.27232D-06	1.32131D-05	1.00695D-05
16	1.41460D-03	1.05543D-04	4.79731D-03	-1.19315D-05	-1.73086D-05	7.54971D-06
17	1.38781D-03	3.17895D-05	2.85445D-03	-1.25915D-05	-2.59279D-05	-3.14240D-06
18	1.19306D-03	1.60946D-04	2.41686D-03	-1.25602D-05	-3.20707D-05	-3.06392D-06
19	7.97025D-04	3.43204D-04	2.02610D-03	-1.22216D-05	-3.24011D-05	-2.50467D-06
20	5.96786D-04	4.40167D-04	1.57224D-03	-1.08960D-05	-2.73573D-05	-2.30759D-07
21	5.79057D-04	2.95031D-04	3.62261D-04	-7.45887D-06	-1.64371D-05	6.93656D-06
22	3.33282D-04	1.65495D-05	4.98365D-05	-2.69192D-06	-3.16199D-06	1.40570D-05
23	5.08363D-11	-5.26887D-12	4.32206D-12	-2.72023D-10	1.76850D-10	1.99692D-09
25	2.66478D-03	-2.60755D-03	8.38631D-04	-3.52601D-05	-4.84298D-05	-1.45146D-05
26	4.15703D-03	-3.08046D-03	1.14169D-03	2.82473D-05	-6.98257D-05	-1.31070D-06
27	4.16509D-03	-3.08234D-03	1.46912D-03	3.24042D-05	-7.11848D-05	9.78935D-07
28	3.63128D-03	-2.09649D-03	5.02613D-03	1.09130D-04	-1.25669D-04	8.11282D-05
29	3.63150D-03	-1.18476D-03	6.41264D-03	1.16367D-04	-1.28303D-04	8.59616D-05
30	3.60864D-03	-1.41310D-03	-2.72471D-03	2.36074D-05	9.70377D-06	-7.24423D-06
31	9.64841D-04	-9.07785D-05	-1.13753D-02	-8.60950D-05	-1.15913D-04	6.87807D-05
32	1.00095D-02	2.85532D-04	-2.24774D-03	-1.77635D-05	-1.09864D-04	6.22471D-05
33	1.10755D-02	4.45988D-04	-1.52915D-03	1.30720D-05	4.17067D-05	4.93311D-05
34	5.11246D-03	-2.04153D-03	4.59369D-03	1.52022D-05	6.68347D-05	2.99934D-05
35	4.37719D-03	-1.89704D-03	4.95644D-03	2.66319D-05	3.48693D-05	1.93131D-05
36	1.10594D-02	7.60182D-03	6.51340D-03	-2.19893D-04	2.86455D-05	-1.15136D-04
37	1.04014D-02	1.07955D-02	2.30038D-03	-4.37832D-04	5.52235D-05	2.71134D-04
38	-1.56095D-02	1.11316D-02	-7.48324D-03	4.58853D-04	4.88464D-04	-1.11732D-04
39	-7.67954D-03	1.85727D-02	2.94676D-02	1.90840D-03	5.67290D-04	-3.97712D-04
40	-3.08640D-03	1.40061D-02	9.76231D-03	3.22066D-03	1.19748D-04	9.10864D-04
41	3.65538D-03	1.40354D-02	-1.33115D-02	3.36850D-03	1.16432D-04	1.00071D-03
42	1.60685D-02	5.47613D-02	-4.97700D-02	5.04576D-03	-1.02970D-04	1.60986D-03
43	1.74802D-02	1.39241D-01	-4.97691D-02	5.15944D-03	-4.90693D-05	1.82455D-03
44	1.62823D-02	1.65110D-01	-4.71997D-02	4.76244D-03	4.90151D-04	2.61107D-03
45	1.63443D-02	-2.89121D-01	-5.19022D-02	3.53560D-03	-7.75257D-04	-1.70645D-03
46	1.66100D-02	-2.81921D-01	-5.37587D-02	3.62709D-03	-6.17695D-04	-2.63772D-03
47	2.86917D-02	1.54844D-01	-6.85875D-02	-4.64024D-03	1.53358D-03	-6.54012D-03
48	2.31936D-02	1.71239D-01	-5.93977D-02	-5.49369D-03	1.03040D-03	-4.90158D-03
49	-2.10334D-02	5.00806D-02	-1.72549D-02	-1.76133D-03	-2.69423D-04	-2.25402D-03
50	-4.55363D-03	1.93414D-02	-1.40188D-02	-8.22351D-04	-9.05268D-04	-1.21361D-03
51	-8.24540D-04	1.10309D-02	-9.80638D-03	-8.40612D-04	-8.77608D-04	-1.09704D-03

52	-9.00217D-05	-2.29693D-05	-1.51732D-04	-9.53805D-06	-8.30432D-05	-1.62781D-05
53	-1.93264D-10	-1.91734D-10	-2.09144D-10	-1.49278D-09	-7.19675D-09	-1.44738D-09
54	-2.41675D-01	-8.84990D-04	1.28345D-01	1.91040D-03	-7.68758D-03	3.49511D-03
55	1.40312D-02	9.19204D-02	2.05706D-01	1.53196D-03	-7.51836D-03	2.58945D-03
56	1.16833D-01	8.83486D-02	1.42398D-01	4.91881D-04	-1.11683D-02	1.92378D-03
57	2.33826D-01	6.67238D-03	-2.58507D-01	-6.32227D-03	4.66290D-03	-3.49121D-03
58	1.63979D-01	3.66242D-02	-1.77921D-01	-4.77322D-03	2.70170D-03	-7.85689D-03
59	3.85538D-02	3.99514D-02	-1.02013D-01	-4.56294D-03	1.52205D-03	-7.29493D-03
60	-4.08447D-06	-5.60659D-03	5.36662D-03	2.73399D-04	-1.31126D-05	2.18077D-04
61	-3.22610D-03	-2.74949D-03	8.45727D-03	2.09191D-05	5.78581D-07	1.55742D-04
62	-2.55408D-03	-3.78842D-05	8.77936D-03	-5.06706D-05	-1.54540D-05	1.07028D-04
63	-2.43561D-03	2.67451D-04	8.90582D-03	-9.79202D-05	1.23434D-06	3.78288D-05
64	-2.42769D-03	1.73697D-03	8.33956D-03	-1.33020D-04	1.18967D-05	2.80709D-06
65	-1.81211D-03	1.37890D-03	5.84596D-03	-1.57745D-04	2.37825D-05	-5.83849D-05
66	-5.36257D-06	1.37692D-03	1.08926D-03	-1.54015D-04	1.85328D-05	-5.83634D-05
67	4.87014D-04	8.50026D-05	-7.66883D-04	-3.39505D-05	3.75414D-06	3.25871D-07
68	4.68113D-04	1.55801D-03	-8.31152D-04	-1.47178D-06	3.08385D-06	1.57590D-05
69	4.20425D-04	1.46172D-03	-8.43259D-04	-3.06557D-05	1.09203D-05	6.34917D-06
70	-2.15982D-04	-1.55978D-04	-8.51052D-04	-5.17881D-05	2.49792D-05	-7.50212D-06
71	-3.54054D-04	-5.19934D-04	-1.45783D-03	-6.38689D-05	6.11616D-05	-3.18765D-05
72	-8.51636D-04	-7.15998D-04	-6.94745D-04	-1.14347D-04	5.63654D-05	-4.24043D-05
73	-4.84561D-03	-7.20505D-04	1.31373D-02	-9.90466D-05	1.14447D-04	-2.13443D-05
74	-3.99535D-03	-5.07721D-04	1.14211D-02	-1.89912D-05	1.75903D-04	2.45153D-06
76	-2.98744D-04	1.85207D-05	-1.57245D-04	-4.40706D-05	1.93443D-05	-2.29743D-06
77	-2.02817D-04	2.69223D-05	2.99557D-04	-3.88644D-05	1.66358D-05	-6.11464D-07
78	-3.16912D-05	1.23185D-04	4.70270D-05	-1.57388D-05	2.03479D-05	-9.46102D-06
79	1.59085D-04	8.47602D-05	2.20848D-05	3.75484D-06	8.62068D-06	4.28096D-06
80	7.19809D-06	2.17792D-05	-2.59647D-07	-1.52529D-06	8.39659D-07	2.86681D-07
82	3.08973D-05	1.75334D-05	-1.69732D-04	1.16516D-05	3.17671D-06	2.05905D-06
83	3.48342D-05	2.90422D-05	-2.22474D-04	4.21722D-06	-1.13705D-06	-1.56773D-06
84	4.42141D-05	1.42176D-05	-1.96031D-04	6.90590D-07	-1.66775D-06	-1.63125D-06
85	3.80188D-05	3.26499D-06	-1.76602D-04	-3.04603D-06	-2.50236D-06	-1.30122D-06
86	7.14063D-07	2.84377D-06	-1.17327D-06	-2.04729D-06	-1.22419D-07	-5.02718D-07
87	5.14897D-07	5.05734D-07	-1.42942D-07	-1.01607D-06	-9.42721D-08	-4.09344D-07
88	2.46890D-07	1.57687D-06	-5.14209D-09	1.60252D-08	-2.52614D-08	-3.64410D-07
90	3.85942D-07	3.69251D-06	-3.94626D-07	-1.24017D-06	1.75642D-07	-2.31350D-07
91	-8.06933D-08	1.11363D-06	-7.42052D-08	-1.96073D-07	1.09124D-08	-2.61345D-07
93	1.67911D-05	1.73819D-03	1.45341D-05	8.50625D-05	-1.35930D-06	-4.15742D-05
94	1.76781D-04	8.46813D-03	-3.47705D-07	1.50676D-04	-6.13764D-06	-8.67895D-05
95	1.08907D-02	1.00775D-02	6.47005D-03	-7.32847D-05	-1.13679D-05	-3.13103D-04
96	1.09567D-02	6.84613D-03	6.57412D-03	-1.86215D-04	1.31979D-05	-1.84258D-04
97	1.09969D-02	2.94670D-03	6.67933D-03	-9.34908D-05	-5.64713D-06	-3.28184D-04
98	1.10183D-02	-1.24036D-09	6.72444D-03	-9.37981D-05	-1.76373D-06	-3.34542D-04
99	4.69672D-03	-2.67531D-02	-7.73260D-04	2.24224D-04	3.29111D-05	9.17379D-05
100	4.38325D-03	-1.94152D-02	-1.05673D-03	2.60135D-04	4.07582D-06	1.56113D-04
101	4.57718D-03	-9.22998D-03	-8.85015D-04	2.65005D-04	-1.41135D-05	1.93865D-04
102	4.86730D-03	-2.07513D-03	-6.26208D-04	2.32405D-04	-1.93801D-05	1.86349D-04
103	2.60350D-03	-5.59806D-03	2.01489D-03	2.71461D-04	-1.51391D-05	2.10427D-04
104	7.47645D-03	7.89294D-03	6.57272D-04	-1.23708D-04	4.12971D-05	-7.77266D-05
105	6.50853D-03	5.18628D-03	6.51126D-04	-1.32547D-04	5.29579D-05	-8.76925D-05
106	9.08116D-03	4.98044D-03	-3.09498D-03	-1.35442D-04	5.32014D-05	-9.57938D-05
107	5.24062D-03	2.34474D-03	6.49409D-04	-1.31988D-04	6.15973D-05	-8.11809D-05
108	2.83639D-03	-4.27496D-04	2.04818D-03	-7.28282D-05	4.12547D-05	-4.51040D-05
109	2.42169D-03	-8.03025D-04	2.05138D-03	-3.15279D-05	7.23890D-05	2.90831D-05
110	2.18489D-03	-8.70778D-04	2.05274D-03	-1.16768D-05	8.21624D-05	6.08776D-05
111	1.75920D-03	-8.50780D-04	2.05488D-03	2.23685D-05	9.31865D-05	1.11219D-04
112	1.18300D-03	-6.48291D-04	2.05655D-03	4.66261D-05	9.62817D-05	1.43652D-04
113	-3.89303D-03	-8.06298D-04	4.71310D-03	1.12970D-04	1.03574D-04	1.99700D-04
114	6.12666D-04	-3.80374D-04	2.05662D-03	4.35206D-05	9.43780D-05	1.43816D-04
115	3.67204D-04	-2.69844D-04	2.05666D-03	4.17511D-05	9.33284D-05	1.43957D-04

116	5.48438D-05	-1.33308D-04	2.05670D-03	4.02729D-05	9.24962D-05	1.44138D-04
117	-2.55788D-04	1.07295D-09	2.05673D-03	3.98351D-05	9.22528D-05	1.44138D-04
118	4.38776D-04	-1.33310D-04	1.95685D-03	3.62284D-05	9.13206D-05	1.48002D-04
119	-9.59413D-04	3.03806D-04	2.05675D-03	3.98444D-05	9.22823D-05	1.44138D-04
120	1.24977D-03	-1.33315D-04	1.77820D-03	3.11642D-05	8.89135D-05	1.52876D-04
121	1.62508D-03	-5.40395D-05	1.65642D-03	3.08791D-05	8.87352D-05	1.53150D-04
122	2.83440D-03	-5.32866D-08	2.44122D-03	-6.41773D-05	3.91812D-05	-3.78715D-05
123	2.83039D-03	5.73554D-04	3.16002D-03	-4.77404D-05	3.50536D-05	-2.42165D-05
124	2.81889D-03	1.06795D-03	4.48034D-03	-6.21575D-06	1.78680D-05	-3.33053D-07
125	2.81625D-03	1.04822D-03	4.64118D-03	2.43522D-06	1.32978D-05	2.68151D-06
126	2.81185D-03	9.51716D-04	4.86072D-03	1.31626D-05	7.35646D-06	5.02970D-06
127	2.73254D-03	9.94257D-04	5.35461D-03	1.82487D-05	7.14151D-06	2.47412D-06
128	2.80345D-03	7.80368D-04	4.93713D-03	1.35453D-05	4.55444D-06	8.90136D-06
129	2.80031D-03	7.16650D-04	4.95111D-03	1.37305D-05	5.05141D-06	9.82279D-06
130	2.86371D-03	3.97716D-04	4.99107D-03	1.92907D-05	8.21641D-06	1.02693D-05
131	2.66470D-03	7.11359D-04	4.99147D-03	8.93440D-06	1.30717D-05	1.03545D-05
132	1.41054D-03	2.34272D-08	4.48704D-03	-1.20376D-05	-1.91980D-05	5.19419D-06
133	5.91843D-04	4.36624D-04	1.17334D-03	-9.92742D-06	-2.46003D-05	1.20479D-06
134	3.00098D-03	2.05607D-08	4.98612D-03	2.55676D-05	1.23542D-05	1.00630D-05
135	3.22947D-03	-4.18554D-04	4.98140D-03	3.00568D-05	1.83015D-05	9.88105D-06
136	3.66520D-03	-1.08851D-03	4.97603D-03	3.36070D-05	2.34564D-05	9.73060D-06
137	3.53361D-03	-1.16346D-03	6.07336D-03	3.93518D-05	2.39907D-05	6.49055D-06
138	4.19167D-03	-1.73272D-03	4.96180D-03	2.86686D-05	3.01769D-05	1.61702D-05
139	7.49497D-03	-1.25754D-03	2.15384D-03	9.21088D-06	8.49352D-05	4.26188D-05
140	1.02149D-02	-7.98837D-08	-6.37459D-04	1.21598D-05	6.79067D-05	4.71975D-05
141	1.07769D-02	2.65711D-04	-1.21822D-03	1.32716D-05	5.50890D-05	4.79481D-05
142	1.03068D-02	5.83531D-04	-1.70207D-03	-6.52906D-05	1.27328D-04	1.08913D-04
143	1.00073D-02	6.66546D-04	-2.00729D-03	-1.07598D-04	1.50679D-04	1.26390D-04
144	9.44566D-03	6.59020D-04	-2.57810D-03	-1.85198D-04	1.78151D-04	1.43471D-04
145	8.66218D-03	3.85054D-04	-3.36872D-03	-2.44658D-04	1.87272D-04	1.45012D-04
146	6.14905D-03	-5.88549D-05	-1.35194D-02	-4.36404D-04	1.83049D-04	5.78185D-05
147	7.85445D-03	8.35502D-05	-4.17705D-03	-2.22595D-04	1.92282D-04	1.67716D-04
148	7.49345D-03	1.95815D-05	-4.53830D-03	-2.10214D-04	1.95120D-04	1.80646D-04
149	7.02304D-03	-6.56641D-06	-5.00900D-03	-2.00149D-04	1.97442D-04	1.91418D-04
150	6.54859D-03	-1.11494D-08	-5.48358D-03	-1.96859D-04	1.98278D-04	1.94708D-04
151	7.55831D-03	-6.56305D-06	-4.49465D-03	-1.92539D-04	1.94214D-04	2.14101D-04
152	5.47942D-03	-1.16138D-05	-6.55287D-03	-1.96859D-04	1.98301D-04	1.94707D-04
153	8.79949D-03	-6.55614D-06	-3.48990D-03	-1.83052D-04	1.87603D-04	2.42545D-04
154	9.42025D-03	1.04237D-04	-3.11018D-03	-1.82519D-04	1.87113D-04	2.44141D-04
155	9.23440D-03	5.44928D-08	-3.03430D-03	-2.70890D-05	-1.22733D-04	6.49570D-05
156	5.38647D-03	-5.35469D-04	-6.92840D-03	-7.34334D-05	-1.42183D-04	7.07652D-05
157	3.32324D-03	-4.15367D-04	-9.05186D-03	-8.94907D-05	-1.35691D-04	7.11578D-05
158	1.23750D-03	-1.45211D-04	-1.15317D-02	-1.00268D-04	-1.34980D-04	6.99923D-05
159	1.34200D-03	-1.34556D-04	-1.09930D-02	-8.74670D-05	-1.25507D-04	7.01730D-05
160	2.80968D-04	1.72348D-08	-1.20722D-02	-8.37879D-05	-9.58858D-05	6.53481D-05
161	-8.65512D-04	4.52032D-04	-1.32393D-02	-6.44509D-05	4.24805D-05	4.17115D-05
162	2.29574D-03	-4.93485D-09	-7.00908D-03	-3.36738D-05	8.88713D-05	2.68971D-05
163	2.79086D-03	-2.26264D-04	-5.68093D-03	-2.70036D-05	7.34667D-05	2.49257D-05
164	3.02552D-03	-3.99730D-04	-4.97244D-03	-2.24565D-05	6.00639D-05	2.32281D-05
165	3.55429D-03	-1.29370D-03	-3.08314D-03	1.51636D-06	1.19232D-05	9.61153D-06
166	-1.63362D-02	1.11266D-02	-1.06297D-02	4.41151D-04	4.83766D-04	-9.70724D-05
167	-1.44877D-02	1.11385D-02	-2.72212D-03	4.58390D-04	4.88429D-04	-1.09409D-04
168	-1.47915D-02	1.13194D-02	-3.64400D-03	4.87921D-04	4.92497D-04	-1.32393D-04
169	-1.33975D-02	1.24343D-02	2.84770D-03	7.71458D-04	5.26388D-04	-2.84286D-04
170	-9.11570D-03	1.77984D-02	2.27872D-02	1.61295D-03	5.69495D-04	-4.39367D-04
171	-1.06842D-02	1.77998D-02	1.74800D-02	1.59444D-03	5.69495D-04	-5.00685D-04
172	-1.20838D-02	1.78009D-02	1.32097D-02	1.58472D-03	5.69495D-04	-5.34929D-04
173	-1.48416D-02	1.78014D-02	5.09234D-03	1.58370D-03	5.69495D-04	-5.39190D-04
174	-1.84912D-02	1.78015D-02	-5.60065D-03	1.58433D-03	5.69495D-04	-5.41297D-04
175	-8.39712D-03	1.82878D-02	2.61318D-02	1.75861D-03	5.68890D-04	-4.28326D-04

176	-2.72132D-04	1.40187D-02	5.65403D-10	3.28435D-03	1.18326D-04	9.50821D-04
177	1.63210D-02	-1.15272D-07	-1.69090D-02	4.43040D-03	5.63130D-04	3.74096D-03
178	1.63476D-02	-2.65455D-01	-5.32717D-08	3.97721D-03	-3.25829D-04	2.46212D-03
179	1.76257D-02	-3.60445D-07	-5.73287D-02	-7.37366D-04	6.38592D-04	1.88404D-03
180	3.98034D-03	-6.13189D-01	-1.29917D-02	-3.53875D-03	-1.11364D-03	-5.35373D-04
181	7.90122D-03	-6.09391D-01	-2.58375D-02	-3.27584D-03	-1.47138D-03	-2.31654D-03
182	4.43904D-02	-5.03389D-02	-1.22769D-01	-4.41248D-03	1.27714D-03	-7.53822D-03
183	4.18938D-02	-9.03912D-03	-1.13852D-01	-4.47612D-03	1.38479D-03	-7.44245D-03
184	9.68354D-02	4.00964D-02	-1.37080D-01	-4.70146D-03	2.06372D-03	-7.78847D-03
185	3.47456D-02	8.65146D-02	-8.91023D-02	-4.59634D-03	1.55951D-03	-6.99080D-03
186	-1.82959D-02	6.90119D-02	-2.07531D-02	-4.25250D-03	3.85936D-04	-3.16020D-03
187	-2.09081D-02	5.80175D-02	-1.81776D-02	-3.90766D-03	3.02132D-04	-3.08827D-03
188	-2.28253D-02	5.00364D-02	-1.63814D-02	-3.53890D-03	2.24077D-04	-3.06086D-03
189	-2.67879D-03	1.51659D-02	-1.19247D-02	-8.30134D-04	-8.94378D-04	-1.15426D-03
190	3.62915D-03	6.82746D-09	3.70340D-08	5.29413D-05	6.71090D-05	-2.38071D-05
191	3.63377D-03	3.42463D-08	8.19710D-03	1.10256D-04	-7.79421D-05	6.02409D-05
192	3.63299D-03	-3.88522D-04	7.63768D-03	1.12526D-04	-9.63629D-05	6.84643D-05
193	1.29811D-03	-1.16136D-03	8.02079D-03	2.28186D-04	-7.27946D-04	4.05710D-04
194	1.89361D-03	-1.92117D-03	5.69152D-04	-3.55209D-05	-4.40297D-05	-1.39608D-05
195	4.34842D-04	-4.79806D-04	1.28663D-04	-2.30775D-05	-2.45151D-05	-8.41118D-06
196	-2.17368D-01	-8.89503D-04	1.15090D-01	1.88563D-03	-7.61185D-03	3.46377D-03
197	-2.74521D-01	2.03177D-04	1.48648D-01	1.93493D-03	-7.68623D-03	3.54041D-03
198	-1.80538D-01	2.25651D-02	1.46976D-01	1.90197D-03	-7.72933D-03	3.45272D-03
199	1.46477D-01	7.38184D-02	4.47873D-02	1.87396D-04	-1.11289D-02	1.67801D-03
200	2.02866D-01	4.82744D-02	-1.41093D-01	-4.36120D-04	-1.01914D-02	1.23388D-03
201	2.07337D-01	4.82788D-02	-1.40337D-01	-7.04200D-05	-1.01579D-02	1.41172D-03
202	2.10317D-01	4.82815D-02	-1.40384D-01	8.21757D-05	-1.01371D-02	1.44180D-03
203	2.27704D-01	4.33708D-02	-1.79584D-01	2.73604D-04	-9.91169D-03	1.29237D-03
204	2.49290D-01	3.46669D-02	-2.50157D-01	2.27678D-04	-8.97751D-03	1.29048D-03
205	2.66196D-01	2.60737D-02	-3.05497D-01	1.22781D-04	-8.41050D-03	1.50113D-03
206	2.53491D-01	2.60769D-02	-3.08203D-01	-1.10063D-03	-8.44873D-03	8.16475D-04
207	3.19587D-01	-8.93691D-03	-5.27773D-01	-2.54048D-03	-3.08997D-03	-9.68657D-06
208	2.41321D-01	-2.82262D-07	-2.82439D-01	-6.17270D-03	4.78011D-03	-3.22924D-03
209	-3.23285D-03	-1.60782D-03	8.48833D-03	-1.56819D-06	-4.45651D-06	1.51679D-04
210	-3.19585D-03	-1.12234D-03	8.50732D-03	-2.71053D-06	-5.38988D-06	1.51723D-04
211	-6.52336D-03	-1.00868D-03	8.53722D-03	1.06355D-06	-5.56009D-06	1.54587D-04
212	-3.14610D-03	-6.58647D-04	8.52824D-03	-6.23871D-06	-6.24305D-06	1.49347D-04
213	-2.67099D-03	1.57100D-08	8.73084D-03	-4.80451D-05	-1.54004D-05	1.11991D-04
214	4.78411D-04	6.54056D-09	-7.72913D-04	-3.16166D-05	3.41947D-06	1.61373D-06
215	-8.79523D-06	3.06944D-04	-8.49249D-04	-4.62270D-05	2.01917D-05	-4.21088D-06
216	-2.13730D-04	-8.04469D-05	-6.14450D-04	-4.93764D-05	2.29309D-05	-6.37231D-06
217	-2.17119D-04	-2.45869D-04	-1.13186D-03	-5.87063D-05	3.00820D-05	-9.70029D-06
218	-1.10982D-03	-7.16366D-04	1.66905D-08	-1.18099D-04	5.94917D-05	-4.25130D-05
219	-4.16622D-03	-7.20227D-04	1.01639D-02	-1.14321D-04	1.01176D-04	-2.81857D-05
220	-4.22245D-03	-7.20246D-04	1.03926D-02	-1.13950D-04	1.01438D-04	-2.80049D-05
221	-4.25060D-03	-8.95835D-04	9.87291D-03	-1.13952D-04	1.01402D-04	-2.80088D-05
222	-4.27810D-03	-7.20256D-04	1.06200D-02	-1.13574D-04	1.01733D-04	-2.78225D-05
223	-4.67327D-03	-7.20515D-04	1.23381D-02	-1.02121D-04	1.11140D-04	-2.26128D-05
224	-4.71809D-03	-7.20522D-04	1.25416D-02	-1.01781D-04	1.11435D-04	-2.24692D-05
225	-4.74685D-03	-8.63556D-04	1.19648D-02	-1.01783D-04	1.11392D-04	-2.24732D-05
226	-4.76237D-03	-7.20520D-04	1.27439D-02	-1.01451D-04	1.11770D-04	-2.23304D-05
227	-2.06267D-03	-2.45027D-04	5.89354D-03	-1.27996D-05	1.57652D-04	2.60584D-06
228	-2.10576D-04	-1.02452D-08	-3.15813D-04	-4.60149D-05	2.05159D-05	-3.84327D-06
229	-2.21146D-04	1.84719D-05	9.92435D-05	-3.67112D-05	1.85022D-05	-1.58053D-06
230	-2.26567D-04	1.84412D-05	2.36735D-04	-3.23088D-05	1.79739D-05	-1.12324D-06
231	-9.71599D-09	1.22763D-04	2.64139D-09	-1.51374D-05	2.02132D-05	-9.23483D-06
232	1.95875D-04	8.56094D-05	-1.21626D-05	4.07032D-06	8.87593D-06	4.23950D-06
233	1.87345D-04	8.55295D-05	-3.99386D-06	4.04377D-06	8.85340D-06	4.24568D-06
234	2.36558D-04	6.25198D-05	-2.83025D-06	4.04354D-06	8.85426D-06	4.24571D-06
235	1.78790D-04	8.54490D-05	4.12103D-06	4.01632D-06	8.83005D-06	4.25086D-06

236	-5.51639D-12	1.75785D-05	2.99122D-10	1.26757D-05	3.75708D-06	2.32746D-06
237	2.31686D-06	1.75702D-05	-1.25249D-05	1.24331D-05	3.62499D-06	2.27611D-06
238	1.57873D-05	1.75562D-05	-8.61603D-05	1.21312D-05	3.45456D-06	2.20414D-06
239	1.57886D-05	3.67297D-06	-6.44472D-05	1.21312D-05	3.44894D-06	2.20382D-06
240	2.87945D-05	1.75419D-05	-1.58025D-04	1.18535D-05	3.29803D-06	2.12425D-06
241	2.78221D-06	2.88005D-06	-1.11095D-05	-2.62530D-06	-3.26946D-07	-5.15990D-07
242	7.12795D-07	4.46590D-07	-6.44901D-07	-1.59395D-06	-1.24195D-07	-4.98373D-07
243	7.20993D-07	4.88529D-06	-1.15416D-06	-1.68868D-06	-3.74661D-09	-4.28235D-07
244	2.21694D-07	1.46587D-06	-4.31797D-09	6.10017D-08	-2.18957D-08	-2.99252D-07
245	1.02001D-07	8.65465D-07	-2.93397D-09	9.15430D-08	-1.69398D-08	-2.15185D-07
246	1.45881D-06	8.65536D-07	5.74238D-07	9.15930D-08	-1.69398D-08	-2.15312D-07
247	1.48454D-08	2.23251D-07	-1.59484D-09	7.47979D-08	-1.08169D-08	-1.30804D-07
248	-7.89976D-08	9.70184D-07	-6.25511D-08	-1.43615D-07	3.23860D-09	-2.14602D-07
249	-6.14289D-08	3.33503D-07	-4.29798D-08	-8.59438D-08	-3.33593D-09	-1.54295D-07
250	9.11344D-07	3.33530D-07	-5.84885D-07	-8.59947D-08	-3.33593D-09	-1.54374D-07
251	-2.17396D-08	-8.42590D-09	-2.33628D-08	-4.53097D-08	-4.28025D-09	-9.37905D-08
252	-1.07513D-01	4.94081D-02	1.69036D-01	1.80328D-03	-7.57599D-03	3.14931D-03

M O D A L A N A L Y S I S

MODE NUMBER 15
FREQUENCY= 14.8798 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-4.33007D-02	1.15184D-01	1.06236D-02	1.18323D-03	7.31868D-04	-7.00901D-04
3	-5.30796D-02	1.17676D-01	1.97745D-03	-1.99121D-03	9.89781D-04	-6.92289D-05
4	-5.19003D-02	1.17814D-01	-3.61494D-02	-2.13224D-03	1.06110D-03	-9.65116D-05
5	-5.12591D-02	1.09013D-01	-7.71962D-02	-2.44452D-03	1.10552D-03	-5.49074D-04
6	-5.76205D-02	5.21664D-02	-1.13187D-01	-2.63299D-03	7.00054D-04	-1.46342D-03
7	-6.80156D-02	-9.46164D-02	-1.32581D-01	-2.30666D-03	3.88691D-05	-2.04094D-03
8	-1.63190D-02	-3.20976D-01	-6.87402D-02	4.34017D-04	-1.00980D-03	-8.01789D-05
9	3.38195D-02	-5.84200D-02	-1.91315D-02	2.67154D-03	-2.92656D-05	1.98085D-03
10	3.28124D-02	-9.76008D-07	-2.06669D-02	2.29036D-03	1.33033D-04	1.86748D-03
11	2.80112D-02	1.11514D-01	-2.89380D-02	-1.29603D-03	8.19857D-06	-2.54733D-04
12	1.82478D-02	2.09206D-06	-2.91442D-02	-1.48487D-03	2.43714D-04	-6.04374D-04
13	1.19695D-02	-1.06620D-02	-2.20293D-02	-9.63582D-04	3.66392D-04	-6.21753D-04
14	1.19523D-02	2.36320D-03	2.05763D-02	1.82677D-05	1.63382D-04	1.41005D-04
15	2.97953D-03	2.48376D-03	2.04902D-02	-1.05836D-05	5.24235D-05	8.71462D-05
16	3.06893D-03	7.40781D-04	1.95006D-02	-1.41149D-05	-8.12100D-05	5.39942D-05
17	3.02535D-03	-1.45745D-03	1.13780D-02	-2.69368D-05	-9.52113D-05	9.50938D-07
18	2.36349D-03	-1.20902D-03	9.84535D-03	-3.03152D-05	-1.09515D-04	-8.45025D-06
19	1.03661D-03	-7.21529D-04	8.52643D-03	-3.03057D-05	-1.11457D-04	-1.17358D-05
20	3.43594D-04	-3.25521D-04	6.89756D-03	-2.96252D-05	-1.04326D-04	-1.42524D-05
21	3.14130D-04	3.30552D-04	1.81184D-03	-2.51037D-05	-7.71223D-05	-4.73427D-06
22	3.39657D-04	7.99502D-05	2.40609D-04	-1.15962D-05	-2.75323D-05	1.86669D-05
23	8.29451D-11	-2.17247D-11	3.04773D-11	-1.37263D-09	-1.27734D-09	2.75617D-09
25	4.78815D-03	1.38963D-03	1.47150D-03	1.50721D-05	-7.36228D-05	-2.93039D-05
26	7.20243D-03	2.52025D-04	-9.09754D-05	-1.41543D-04	-3.86001D-05	-6.25703D-05
27	7.91469D-03	2.55419D-04	-1.69240D-03	-1.45235D-04	-3.14199D-05	-6.20457D-05
28	8.77752D-03	-1.74360D-04	-5.21036D-03	-1.83555D-04	1.89284D-05	2.48813D-06
29	8.78025D-03	-1.20992D-04	-5.44335D-03	-1.82184D-04	1.99066D-05	3.74727D-06
30	8.66262D-03	-1.72428D-04	6.84897D-03	-2.16947D-04	-3.49289D-05	6.53446D-06
31	-1.21245D-03	-3.13563D-04	-2.93691D-02	-2.73600D-04	-4.36661D-04	2.20246D-04
32	3.34316D-02	9.69621D-04	5.51598D-03	-5.22859D-05	-4.74452D-04	2.03987D-04
33	4.12074D-02	1.65583D-03	7.71258D-03	4.52870D-05	-1.50813D-05	1.74597D-04
34	3.01672D-02	-8.43294D-03	1.93177D-02	5.85424D-05	1.94429D-04	1.25252D-04
35	2.75212D-02	-7.89470D-03	2.05101D-02	1.09075D-04	1.69719D-04	8.38519D-05
36	-4.76849D-02	8.22806D-02	-1.18637D-01	-2.74835D-03	7.58919D-04	-8.70780D-04
37	-3.59683D-02	9.75636D-02	-1.36614D-01	-5.23633D-04	3.08468D-04	-6.24954D-04
38	-3.56352D-02	9.90310D-02	-2.20180D-03	2.13191D-03	4.58828D-04	8.03790D-04
39	-2.97630D-02	-1.17941D-02	2.35219D-02	2.15875D-03	2.91027D-04	1.52859D-03
40	-1.31096D-02	-3.10097D-02	6.32791D-03	2.10559D-03	2.85948D-04	1.71965D-03
41	-1.17426D-03	-3.10142D-02	-8.35040D-03	2.07295D-03	2.81802D-04	1.65947D-03
42	7.82444D-03	-1.55127D-02	-2.52647D-02	1.51822D-03	4.51851D-04	1.17443D-03
43	5.56686D-04	8.67420D-03	-2.52756D-02	1.43314D-03	4.25523D-04	9.88784D-04
44	-2.57331D-03	1.38658D-02	-2.26966D-02	1.42142D-03	2.14505D-04	5.72535D-04
45	-2.62407D-03	5.18881D-02	8.65601D-03	5.04953D-04	5.52217D-05	1.10030D-04
46	-2.63471D-03	5.14790D-02	8.74396D-03	4.64047D-04	1.09441D-05	3.45136D-04
47	-4.36797D-03	-1.44627D-02	1.06520D-02	5.58057D-04	-2.29727D-04	5.55524D-04
48	-3.53839D-03	-1.54223D-02	9.26782D-03	5.85742D-04	-1.56820D-04	4.71740D-04
49	3.46961D-03	-5.37120D-03	2.62207D-03	1.70487D-04	3.79640D-05	2.31939D-04
50	1.03533D-03	-2.08270D-03	2.13120D-03	1.03162D-04	1.37097D-04	1.16078D-04
51	4.71111D-04	-1.19286D-03	1.49392D-03	1.06349D-04	1.33377D-04	1.02817D-04

52	1.53604D-05	2.26428D-06	2.21892D-05	1.65164D-06	1.17006D-05	1.20485D-06
53	2.80170D-11	1.89008D-11	2.97752D-11	2.45615D-10	1.01401D-09	7.97085D-11
54	2.84872D-02	-1.53580D-04	-1.71571D-02	-1.15258D-04	8.15169D-04	-3.15572D-04
55	1.68115D-03	-6.42570D-03	-2.52390D-02	-7.28556D-05	7.94841D-04	-2.17001D-04
56	-1.04740D-02	-5.37570D-03	-1.72509D-02	3.92258D-05	1.46080D-03	-1.44706D-04
57	-2.59170D-02	-1.38273D-03	3.59075D-02	7.58571D-04	-6.60911D-04	5.25302D-04
58	-1.74508D-02	-5.53635D-03	2.53521D-02	6.05498D-04	-3.85153D-04	7.73867D-04
59	-5.84277D-03	-5.97301D-03	1.56510D-02	5.83660D-04	-2.27431D-04	6.05416D-04
60	-9.26110D-03	-5.85951D-02	4.70326D-02	3.01526D-03	-1.34400D-04	1.87111D-03
61	-2.22868D-02	-2.85940D-02	8.78854D-02	7.81394D-04	-5.20881D-04	2.34143D-04
62	5.84214D-03	-4.67034D-04	9.98393D-02	-8.89545D-05	-1.23449D-04	1.51392D-05
63	4.87936D-03	-4.47503D-03	9.66851D-02	-4.26776D-04	4.86523D-04	-1.06947D-04
64	4.72262D-03	-4.02129D-03	5.25471D-02	-9.70931D-04	6.18351D-04	1.78877D-04
65	-8.60228D-03	4.81118D-03	2.56066D-02	-1.34699D-03	6.59741D-04	1.22882D-03
66	-4.69873D-02	4.78955D-03	-1.59061D-02	-1.37118D-03	5.42269D-04	1.28519D-03
67	-6.81359D-02	2.85549D-04	-3.54618D-02	-7.40979D-04	-1.01848D-04	1.09099D-03
68	-1.20072D-02	1.06622D-02	-3.27869D-03	-1.65864D-04	-4.30754D-04	4.39183D-04
69	-9.34979D-03	1.01356D-02	-2.51427D-03	-1.80388D-04	-2.57705D-04	3.85745D-04
70	-2.55320D-03	3.47110D-03	-2.53567D-03	-1.51148D-04	-3.07110D-05	1.69125D-04
71	-2.01534D-03	6.72084D-03	-2.57905D-03	-1.31949D-04	1.21013D-04	6.70275D-05
72	-1.89688D-03	6.88399D-03	-1.28100D-03	-2.14405D-04	1.22000D-04	-3.94543D-05
73	-8.54281D-03	6.90162D-03	2.60137D-02	-1.95596D-04	2.27038D-04	-5.75693D-05
74	-7.82919D-03	5.90887D-03	2.24065D-02	-9.94367D-06	3.45145D-04	-8.95688D-05
76	-2.49753D-03	-7.92282D-04	-2.31031D-03	-1.15094D-04	3.23109D-05	9.12590D-05
77	-2.45118D-03	-2.35681D-03	-1.00723D-03	-8.82521D-05	5.71063D-05	3.99559D-05
78	-3.30263D-04	-1.03139D-03	4.09094D-05	-1.74733D-05	1.24527D-04	-1.01896D-04
79	1.29603D-03	-8.40542D-04	-7.06987D-04	2.30546D-05	6.37820D-05	4.28026D-05
80	5.74337D-05	-1.31676D-04	-7.13502D-07	1.06796D-05	6.17978D-06	4.08845D-06
82	6.53405D-06	-7.88769D-04	-2.69474D-04	1.89315D-05	5.93807D-06	1.59975D-06
83	6.63990D-05	-6.59479D-04	-3.81272D-04	1.64479D-05	-1.23572D-06	2.36673D-05
84	7.75556D-05	-1.45011D-04	-3.47993D-04	1.08449D-05	-2.15514D-06	2.46467D-05
85	1.49063D-04	-3.32577D-05	-3.47112D-04	-3.61265D-06	-3.77432D-06	2.72096D-06
86	1.14181D-05	-2.89685D-05	-6.03307D-06	-4.85616D-06	-1.84287D-07	-3.01303D-06
87	9.83495D-06	-3.40296D-05	-1.68795D-06	-4.35964D-06	-8.68824D-07	-1.92572D-07
88	6.17117D-06	-1.93410D-05	-5.24194D-08	-1.80664D-06	-5.27896D-07	-3.45299D-07
90	9.64252D-06	-8.72704D-06	-2.06484D-06	-2.07980D-06	9.90946D-07	-2.00422D-06
91	5.68233D-06	-8.06546D-06	-1.54379D-07	3.53546D-07	5.06172D-07	-1.39451D-06
93	-5.81340D-03	1.96980D-02	1.23981D-03	9.25471D-04	3.27840D-04	-3.72430D-04
94	-2.97447D-02	8.60111D-02	7.18453D-03	1.33214D-03	6.48776D-04	-6.64508D-04
95	-5.35961D-02	7.92346D-02	-1.05704D-01	-2.64814D-03	7.65757D-04	-1.34056D-03
96	-5.16459D-02	6.99244D-02	-1.16457D-01	-2.78534D-03	7.40955D-04	-1.05720D-03
97	-6.11568D-02	2.34912D-02	-1.19761D-01	-2.59047D-03	5.98496D-04	-1.63526D-03
98	-6.35023D-02	-5.64439D-07	-1.24124D-01	-2.55673D-03	5.00809D-04	-1.76925D-03
99	1.35852D-02	-2.66864D-01	-3.87852D-02	1.75402D-03	-7.78400D-04	1.17184D-03
100	2.57799D-02	-1.96846D-01	-2.65327D-02	2.34145D-03	-4.84163D-04	1.71683D-03
101	3.30639D-02	-9.55208D-02	-1.97271D-02	2.66193D-03	-1.46070D-04	1.98828D-03
102	3.34448D-02	-2.19493D-02	-1.98301D-02	2.46288D-03	8.25273D-05	1.93586D-03
103	1.37003D-02	-5.85023D-02	1.03556D-02	2.91902D-03	-7.76512D-05	1.94788D-03
104	2.79831D-02	9.94512D-02	-2.90908D-02	-1.55640D-03	7.65321D-05	-4.32830D-04
105	2.59923D-02	6.51937D-02	-2.91893D-02	-1.69574D-03	1.36929D-04	-5.34254D-04
106	4.12933D-02	6.40389D-02	-7.70158D-02	-1.77254D-03	1.43388D-04	-5.70058D-04
107	2.23673D-02	2.91759D-02	-2.91689D-02	-1.66149D-03	1.92145D-04	-5.62856D-04
108	1.19711D-02	-5.60534D-03	-1.90103D-02	-8.98928D-04	3.69331D-04	-5.70342D-04
109	9.00611D-03	-9.56440D-03	-1.90219D-02	-2.97531D-04	4.52310D-04	-6.40211D-05
110	7.59795D-03	-1.00761D-02	-1.90268D-02	-8.77762D-05	4.69109D-04	1.52974D-04
111	5.31352D-03	-9.72221D-03	-1.90345D-02	1.85137D-04	4.72414D-04	4.96548D-04
112	2.49475D-03	-8.14001D-03	-1.90404D-02	3.07901D-04	4.53622D-04	7.17904D-04
113	-2.47170D-02	-9.52828D-03	-1.40816D-02	8.61083D-05	4.62225D-04	1.10139D-03
114	-1.20881D-04	-5.70109D-03	-1.90412D-02	4.62427D-04	4.26045D-04	7.18469D-04
115	-1.20618D-03	-4.30215D-03	-1.90417D-02	5.49573D-04	4.10683D-04	7.18954D-04

116	-2.55389D-03	-2.23082D-03	-1.90422D-02	6.20962D-04	3.98354D-04	7.19577D-04
117	-3.87439D-03	-5.47722D-08	-1.90425D-02	6.44003D-04	3.94428D-04	7.19577D-04
118	-6.45789D-04	-2.23084D-03	-2.07751D-02	6.92101D-04	3.94254D-04	7.32939D-04
119	-6.88342D-03	4.91154D-03	-1.90426D-02	6.44164D-04	3.94654D-04	7.19577D-04
120	3.34754D-03	-2.23086D-03	-2.47785D-02	7.81199D-04	3.85859D-04	7.49882D-04
121	5.31555D-03	-2.19543D-04	-2.78700D-02	7.86182D-04	3.85237D-04	7.50837D-04
122	1.19738D-02	-1.20742D-06	-1.52359D-02	-8.23807D-04	3.63947D-04	-4.79481D-04
123	1.19780D-02	7.11488D-03	-8.49497D-03	-6.81078D-04	3.42302D-04	-2.91497D-04
124	1.19823D-02	1.17623D-02	6.25869D-03	-3.20498D-04	2.62396D-04	4.71181D-05
125	1.19821D-02	1.09621D-02	8.79125D-03	-2.45377D-04	2.40969D-04	9.24951D-05
126	1.19812D-02	8.41703D-03	1.35734D-02	-1.52225D-04	2.11838D-04	1.31034D-04
127	8.22998D-03	8.11321D-03	9.79155D-03	-1.41781D-04	2.11148D-04	1.22828D-04
128	1.19675D-02	5.15135D-03	1.76834D-02	-8.03157D-05	1.86563D-04	1.53211D-04
129	1.19622D-02	4.14748D-03	1.87515D-02	-4.55216D-05	1.77141D-04	1.53273D-04
130	1.37042D-02	1.74127D-03	2.05767D-02	6.50821D-05	1.63478D-04	1.22419D-04
131	1.01956D-02	2.53078D-03	2.05662D-02	1.27530D-05	1.53371D-04	1.33209D-04
132	3.06251D-03	3.59263D-08	1.80896D-02	-1.61762D-05	-8.69049D-05	4.32541D-05
133	3.35324D-04	-9.71399D-05	5.32858D-03	-2.83511D-05	-9.91221D-05	-1.37811D-05
134	1.64763D-02	3.87471D-07	2.05757D-02	1.06235D-04	1.72795D-04	9.36948D-05
135	1.92183D-02	-1.74301D-03	2.05733D-02	1.25470D-04	1.80361D-04	6.83502D-05
136	2.30585D-02	-4.54400D-03	2.05696D-02	1.40727D-04	1.75674D-04	4.73983D-05
137	2.26987D-02	-4.85776D-03	2.53302D-02	1.66272D-04	1.78522D-04	2.50528D-05
138	2.65394D-02	-7.22024D-03	2.05264D-02	1.18321D-04	1.68279D-04	7.18958D-05
139	3.59991D-02	-5.06885D-03	1.32905D-02	2.92146D-05	1.79023D-04	1.68457D-04
140	4.05430D-02	-3.10270D-07	8.49057D-03	3.96326D-05	7.62271D-05	1.73786D-04
141	4.11043D-02	1.00098D-03	7.86022D-03	4.46935D-05	3.03098D-05	1.72621D-04
142	3.96199D-02	2.06280D-03	6.33380D-03	-3.79786D-04	5.14822D-04	5.21285D-04
143	3.83203D-02	2.32396D-03	5.01632D-03	-5.87415D-04	6.75902D-04	6.44935D-04
144	3.56477D-02	2.28008D-03	2.31573D-03	-9.47787D-04	8.72882D-04	8.09208D-04
145	3.17249D-02	1.38178D-03	-1.62908D-03	-1.20814D-03	9.47375D-04	8.86872D-04
146	9.28278D-03	-6.52853D-04	-4.75242D-02	-1.92707D-03	9.39606D-04	7.46551D-04
147	2.76005D-02	3.85798D-04	-5.75557D-03	-1.14247D-03	9.86643D-04	9.56522D-04
148	2.57364D-02	1.55199D-04	-7.62048D-03	-1.10594D-03	1.00881D-03	9.96469D-04
149	2.32907D-02	2.81874D-05	-1.00670D-02	-1.07667D-03	1.02688D-03	1.03013D-03
150	2.08145D-02	-3.37226D-08	-1.25437D-02	-1.06672D-03	1.03325D-03	1.04008D-03
151	2.61269D-02	2.81985D-05	-7.23768D-03	-1.07891D-03	1.00684D-03	1.12152D-03
152	1.52430D-02	-1.43742D-04	-1.81154D-02	-1.06672D-03	1.03331D-03	1.04007D-03
153	3.25195D-02	2.82211D-05	-1.42889D-03	-1.08194D-03	9.65794D-04	1.23619D-03
154	3.56612D-02	3.16537D-04	1.08552D-03	-1.08211D-03	9.62754D-04	1.24263D-03
155	3.01745D-02	2.42444D-07	2.22849D-03	-8.32073D-05	-5.06065D-04	2.09827D-04
156	1.53050D-02	-1.67958D-03	-1.27645D-02	-2.29929D-04	-5.33566D-04	2.22403D-04
157	7.61440D-03	-1.32173D-03	-2.06614D-02	-2.77268D-04	-5.07546D-04	2.25329D-04
158	8.05118D-04	-4.81202D-04	-2.80534D-02	-3.05212D-04	-5.05835D-04	2.24498D-04
159	2.00392D-04	-4.65646D-04	-2.79316D-02	-2.75296D-04	-4.70856D-04	2.22742D-04
160	-3.79269D-03	5.32755D-10	-3.20104D-02	-2.70213D-04	-3.65591D-04	2.14940D-04
161	-8.95953D-03	7.96054D-04	-3.76446D-02	-2.48714D-04	1.25710D-04	1.69863D-04
162	1.98824D-03	8.87104D-09	-1.61275D-02	-2.35325D-04	3.45549D-04	1.03046D-04
163	3.99589D-03	-9.40529D-05	-1.08175D-02	-2.33913D-04	3.17248D-04	8.82002D-05
164	5.10954D-03	-1.32191D-04	-7.52993D-03	-2.32801D-04	2.87559D-04	7.84559D-05
165	8.31537D-03	-1.00783D-04	4.87568D-03	-2.25237D-04	1.12252D-04	3.39478D-05
166	-3.01107D-02	9.90118D-02	-1.71180D-02	2.12413D-03	4.57197D-04	7.78813D-04
167	-4.37402D-02	9.85922D-02	1.93331D-02	2.13518D-03	4.58892D-04	8.10849D-04
168	-3.48573D-02	8.91241D-02	1.40036D-03	2.13316D-03	4.58831D-04	8.22878D-04
169	-3.35592D-02	7.17115D-02	7.13316D-03	2.14570D-03	4.25662D-04	1.00645D-03
170	-3.05847D-02	1.10235D-02	2.00344D-02	2.16214D-03	3.11664D-04	1.42870D-03
171	-2.59751D-02	1.10244D-02	1.28332D-02	2.18431D-03	3.11664D-04	1.36292D-03
172	-2.23685D-02	1.10252D-02	6.94156D-03	2.19746D-03	3.11664D-04	1.32690D-03
173	-1.55850D-02	1.10255D-02	-4.32709D-03	2.19932D-03	3.11664D-04	1.32263D-03
174	-6.66110D-03	1.10256D-02	-1.91836D-02	2.20165D-03	3.11664D-04	1.32182D-03
175	-3.01677D-02	-2.38790D-04	2.18092D-02	2.16104D-03	3.00014D-04	1.48143D-03

176	-7.88020D-03	-3.10117D-02	1.60263D-08	2.09312D-03	2.84171D-04	1.69697D-03
177	-2.59077D-03	3.37822D-08	-1.29732D-02	1.17338D-03	1.76234D-04	-1.16731D-04
178	-2.61016D-03	3.33595D-02	7.62558D-10	8.34845D-04	1.68033D-04	-5.32697D-04
179	-3.27409D-04	2.61523D-08	1.14180D-03	4.85028D-04	-1.09400D-04	4.78594D-04
180	-4.88228D-04	1.09178D-02	1.60170D-03	6.91516D-04	2.16503D-04	4.31895D-05
181	-1.20284D-03	1.23458D-02	3.93342D-03	6.84554D-04	2.56821D-04	8.50462D-05
182	-6.72328D-03	2.24190D-04	1.87703D-02	5.87042D-04	-1.92537D-04	5.89200D-04
183	-6.34552D-03	-2.54276D-03	1.74268D-02	5.85539D-04	-2.07987D-04	5.96444D-04
184	-1.10351D-02	-5.97242D-03	2.01371D-02	6.00229D-04	-2.99349D-04	7.16119D-04
185	-5.27376D-03	-9.37525D-03	1.37217D-02	5.73789D-04	-2.33209D-04	5.85820D-04
186	2.87596D-03	-5.51332D-03	3.30169D-03	4.09202D-04	-6.11456D-05	3.38148D-04
187	3.29298D-03	-4.71641D-03	2.89287D-03	3.73968D-04	-4.84137D-05	3.30844D-04
188	3.60364D-03	-4.19729D-03	2.60404D-03	3.37813D-04	-3.65616D-05	3.26739D-04
189	7.51894D-04	-1.63543D-03	1.81465D-03	1.04617D-04	1.35657D-04	1.09349D-04
190	8.73391D-03	-4.85863D-09	3.56579D-08	-2.05954D-04	-8.57236D-05	-4.54958D-06
191	8.78224D-03	-1.99345D-08	-5.75639D-03	-1.84474D-04	1.22957D-05	5.14028D-06
192	8.78166D-03	-4.73467D-05	-5.65656D-03	-1.83623D-04	1.55623D-05	5.23111D-06
193	8.87557D-03	-1.23594D-04	-7.01853D-03	-1.54462D-04	8.29911D-05	-2.11801D-05
194	3.54024D-03	1.19995D-03	1.04148D-03	2.14582D-05	-7.33553D-05	-2.09514D-05
195	8.84361D-04	3.77462D-04	2.52490D-04	1.93568D-05	-4.70725D-05	-6.10918D-06
196	2.62994D-02	-1.53101D-04	-1.63677D-02	-1.12195D-04	8.07202D-04	-3.11514D-04
197	3.14301D-02	-2.32024D-04	-1.84462D-02	-1.18504D-04	8.15006D-04	-3.21102D-04
198	2.20010D-02	-1.81722D-03	-1.91319D-02	-1.14162D-04	8.19115D-04	-3.10922D-04
199	-1.43735D-02	-4.10682D-03	-4.39489D-03	7.21213D-05	1.47294D-03	-1.18188D-04
200	-2.19056D-02	-1.94144D-03	2.04618D-02	1.39849D-04	1.37356D-03	-7.14708D-05
201	-2.21913D-02	-1.94179D-03	2.01031D-02	8.45796D-05	1.37465D-03	-9.50307D-05
202	-2.23973D-02	-1.94200D-03	1.99575D-02	6.18500D-05	1.37533D-03	-1.00724D-04
203	-2.43970D-02	-1.52998D-03	2.50098D-02	3.44383D-05	1.35275D-03	-9.01065D-05
204	-2.73467D-02	-8.14567D-04	3.46555D-02	3.57830D-05	1.22741D-03	-8.84431D-05
205	-2.96577D-02	-1.06253D-04	4.22186D-02	4.42981D-05	1.14919D-03	-1.11014D-04
206	-2.87737D-02	-1.07006D-04	4.31565D-02	2.13306D-04	1.15409D-03	-3.03646D-05
207	-3.78831D-02	3.00419D-03	7.34512D-02	3.78426D-04	4.30644D-04	3.50060D-05
208	-2.69768D-02	-6.73558D-09	3.92930D-02	7.45058D-04	-6.75353D-04	4.87342D-04
209	-1.35348D-02	-1.67217D-02	9.18017D-02	5.93702D-04	-4.66523D-04	7.58758D-05
210	-9.66726D-03	-1.16455D-02	9.34086D-02	5.86969D-04	-4.54318D-04	6.48636D-05
211	-1.13132D-02	-1.17930D-02	1.07495D-01	6.37629D-04	-4.56138D-04	6.99955D-05
212	-5.95079D-03	-6.79243D-03	9.49199D-02	5.43504D-04	-4.38784D-04	5.56887D-05
213	4.85193D-03	1.40470D-07	9.94210D-02	-3.57901D-05	-1.63272D-04	2.18991D-06
214	-6.78736D-02	3.97067D-08	-3.53141D-02	-7.24462D-04	-1.19582D-04	1.08279D-03
215	-3.28326D-03	4.94850D-03	-2.53074D-03	-1.58781D-04	-1.03028D-04	2.20596D-04
216	-2.53593D-03	1.85708D-03	-2.69011D-03	-1.39881D-04	-7.31463D-06	1.47399D-04
217	-2.55615D-03	5.16362D-03	-2.38496D-03	-1.56154D-04	-1.11644D-05	1.64218D-04
218	-2.15465D-03	6.88612D-03	7.22876D-08	-2.23393D-04	1.27624D-04	-4.36950D-05
219	-6.90706D-03	6.90377D-03	2.00919D-02	-2.28554D-04	2.02601D-04	-6.07970D-05
220	-7.02878D-03	6.90381D-03	2.05493D-02	-2.27778D-04	2.03072D-04	-6.06749D-05
221	-7.08625D-03	6.52866D-03	1.95089D-02	-2.27780D-04	2.02998D-04	-6.06510D-05
222	-7.14987D-03	6.90379D-03	2.10040D-02	-2.26989D-04	2.03613D-04	-6.05694D-05
223	-8.08852D-03	6.90273D-03	2.44307D-02	-2.02440D-04	2.20869D-04	-5.78025D-05
224	-8.20375D-03	6.90268D-03	2.48343D-02	-2.01693D-04	2.21410D-04	-5.77360D-05
225	-8.26423D-03	6.54882D-03	2.36882D-02	-2.01696D-04	2.21320D-04	-5.77123D-05
226	-8.31841D-03	6.90256D-03	2.52351D-02	-2.00965D-04	2.22037D-04	-5.76973D-05
227	-4.04211D-03	3.11626D-03	1.15663D-02	1.20643D-06	3.09195D-04	-8.08452D-05
228	-2.51167D-03	4.89838D-08	-2.54918D-03	-1.24177D-04	1.97045D-05	1.12209D-04
229	-1.96011D-03	-7.92208D-04	-1.63167D-03	-9.88960D-05	3.09373D-05	7.84368D-05
230	-1.66280D-03	-7.92156D-04	-1.25676D-03	-8.94611D-05	3.00755D-05	7.11247D-05
231	-7.76709D-08	-1.02938D-03	-2.98142D-08	-1.72453D-05	1.23830D-04	-9.91293D-05
232	1.66611D-03	-8.44971D-04	-8.96279D-04	2.15714D-05	6.51314D-05	4.27944D-05
233	1.58003D-03	-8.44562D-04	-8.52908D-04	2.17145D-05	6.50148D-05	4.28195D-05
234	1.94450D-03	-9.73339D-04	-8.42318D-04	2.17184D-05	6.50221D-05	4.28200D-05
235	1.49380D-03	-8.44141D-04	-8.09208D-04	2.18528D-05	6.48911D-05	4.28341D-05

236	1.60075D-10	-7.89109D-04	6.58353D-10	1.98159D-05	6.88592D-06	-5.10402D-07
237	-4.41133D-07	-7.89066D-04	-1.95833D-05	1.95610D-05	6.67046D-06	-7.61601D-08
238	6.59540D-07	-7.88993D-04	-1.35875D-04	1.92716D-05	6.39246D-06	5.40227D-07
239	6.59598D-07	-7.93061D-04	-9.56828D-05	1.92716D-05	6.38358D-06	6.13890D-07
240	5.32608D-06	-7.88853D-04	-2.50610D-04	1.90585D-05	6.13648D-06	1.11258D-06
241	2.60582D-05	-2.93380D-05	-2.92501D-05	-6.02471D-06	-4.92806D-07	-3.72909D-06
242	1.13486D-05	-3.87989D-05	-4.73768D-06	-4.50080D-06	-3.50844D-07	-2.22491D-06
243	1.13612D-05	-1.55162D-05	-5.50239D-06	-3.53546D-06	1.58514D-07	-2.93903D-06
244	5.57301D-06	-1.74128D-05	-4.44134D-08	-1.62432D-06	-4.91771D-07	-2.83840D-07
245	2.68870D-06	-8.19542D-06	-3.09684D-08	-1.30840D-06	-4.11662D-07	-2.04546D-07
246	3.98068D-06	-8.19613D-06	-8.28082D-06	-1.30917D-06	-4.11662D-07	-2.04916D-07
247	4.56311D-07	-1.29093D-06	-1.68337D-08	-8.51962D-07	-2.73783D-07	-1.24336D-07
248	5.12511D-06	-7.40215D-06	-1.30013D-07	4.59788D-07	4.63642D-07	-1.14542D-06
249	2.44770D-06	-4.01865D-06	-8.90935D-08	4.99534D-07	3.81345D-07	-8.24044D-07
250	7.64558D-06	-4.01901D-06	3.06053D-06	4.99818D-07	3.81345D-07	-8.24754D-07
251	4.03137D-07	-8.97808D-07	-4.84291D-08	3.71543D-07	2.51384D-07	-5.00908D-07
252	1.42819D-02	-3.68280D-03	-2.14547D-02	-1.02675D-04	7.92687D-04	-2.77799D-04

M O D A L A N A L Y S I S

MODE NUMBER 16
FREQUENCY= 16.0560 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-7.36850D-03	3.92622D-04	1.83241D-03	-2.09533D-05	1.22594D-04	1.13566D-05
3	-1.06766D-02	-1.27624D-03	3.83622D-06	-2.28518D-04	1.95944D-04	1.03233D-04
4	-1.25639D-02	-1.26963D-03	-4.24212D-03	-2.26986D-04	2.06630D-04	1.01824D-04
5	-1.44864D-02	-1.29708D-03	-8.12185D-03	-1.29860D-04	1.80578D-04	7.53377D-05
6	-1.65006D-02	-6.59792D-04	-1.16839D-02	-3.88462D-05	9.58648D-05	5.37622D-05
7	-1.80154D-02	3.59598D-05	-1.45630D-02	-4.05339D-05	7.99929D-06	8.28013D-06
8	-1.05292D-02	-4.09426D-03	-5.49503D-03	3.94452D-06	-1.34925D-04	-3.02531D-05
9	-7.48278D-03	-1.25648D-03	-2.58729D-03	9.60869D-05	5.51618D-05	-2.89810D-06
10	-8.36920D-03	-4.66742D-09	-3.49059D-03	8.55796D-05	6.98965D-05	1.30921D-05
11	-9.47013D-03	4.58763D-03	-5.73154D-03	-5.37404D-05	-1.01085D-04	7.57215D-05
12	-6.98504D-04	1.91481D-07	-5.72513D-03	-4.89778D-05	-1.17003D-04	3.21641D-05
13	9.41495D-04	-3.59438D-04	-6.53310D-03	-1.00915D-05	8.01927D-06	-1.61593D-05
14	1.07912D-03	5.65727D-05	3.71629D-03	1.64599D-06	7.92102D-05	-1.80624D-05
15	-1.21550D-03	7.36333D-05	3.70339D-03	-5.07371D-07	-3.31872D-06	-4.67141D-06
16	-8.62649D-04	5.64142D-05	3.22922D-03	-1.62677D-06	-2.49850D-05	2.80350D-06
17	-8.33867D-04	-5.35054D-04	1.51403D-03	-6.51204D-07	-1.02399D-05	6.33354D-06
18	-8.65384D-04	-6.09134D-04	1.40721D-03	-9.53596D-07	-5.10285D-06	3.67276D-06
19	-9.06876D-04	-6.33247D-04	1.35972D-03	-9.35594D-07	-5.16747D-06	1.76676D-06
20	-9.39330D-04	-6.21970D-04	1.24934D-03	-2.15531D-06	-1.04523D-05	-2.45162D-06
21	-9.20372D-04	-2.70028D-04	4.92515D-04	-4.29766D-06	-1.54667D-05	-1.12156D-05
22	-4.57678D-04	2.86294D-05	7.94582D-05	-3.44000D-06	-1.15020D-05	-1.55759D-05
23	-5.57247D-11	2.37517D-12	9.97644D-12	-4.75356D-10	-1.22425D-09	-2.29886D-09
25	6.84327D-04	3.39738D-03	-1.11970D-04	-3.72869D-05	3.81918D-06	1.64780D-05
26	1.44325D-03	-3.74383D-03	-1.21792D-02	-7.75504D-04	1.06638D-04	-9.84132D-05
27	2.58130D-03	-3.72852D-03	-2.09385D-02	-7.83732D-04	1.17679D-04	-9.51866D-05
28	3.05075D-03	-2.81921D-03	-3.78584D-02	-6.07793D-04	-6.52441D-05	1.01657D-04
29	3.06295D-03	-1.61208D-03	-3.71435D-02	-5.73241D-04	-8.95619D-05	1.01179D-04
30	3.21093D-03	1.16144D-04	9.89755D-03	-2.99833D-04	-3.48043D-05	1.73998D-05
31	3.99642D-04	-4.10061D-06	-3.51934D-03	-2.76716D-05	-9.61296D-05	2.45020D-05
32	7.64005D-03	4.85315D-05	3.74043D-03	-4.08626D-06	-1.09865D-04	9.95758D-06
33	1.01642D-02	3.04691D-05	4.03980D-03	-5.19634D-06	-4.89021D-05	-1.83666D-06
34	1.08880D-02	2.33506D-04	3.41012D-03	-2.08947D-05	3.83657D-05	-4.78622D-05
35	1.00462D-02	3.26918D-04	3.72382D-03	-1.00601D-05	7.53691D-05	-6.43549D-05
36	-1.55364D-02	-2.07679D-03	-1.21957D-02	1.38536D-04	4.82142D-05	-1.19067D-04
37	-1.24893D-02	-6.05697D-03	-8.06645D-03	5.12943D-04	-3.22744D-05	-4.57223D-04
38	2.93585D-02	-6.42912D-03	3.58276D-03	-6.36231D-04	-4.40833D-04	-6.74560D-07
39	2.08661D-02	-6.75003D-04	-3.50783D-02	-2.61660D-03	-7.76782D-04	1.98604D-04
40	1.22202D-02	8.16005D-03	-1.22177D-02	-4.02615D-03	-7.07845D-04	-1.20952D-03
41	3.55216D-03	8.14162D-03	1.66479D-02	-4.19145D-03	-7.94538D-04	-1.26371D-03
42	-2.20805D-03	-3.93987D-02	6.03829D-02	-5.74254D-03	-8.94594D-04	-1.70545D-03
43	1.29271D-02	-1.35225D-01	6.04241D-02	-5.87081D-03	-8.92106D-04	-2.00076D-03
44	1.91580D-02	-1.66599D-01	5.58712D-02	-5.66396D-03	-2.81793D-04	-2.79637D-03
45	1.95221D-02	1.90667D-01	-6.37927D-02	-5.97495D-03	-6.04061D-04	1.62444D-03
46	1.96862D-02	1.83286D-01	-6.50070D-02	-6.03755D-03	-3.06138D-04	2.12776D-03
47	3.83152D-02	1.28598D-02	-9.60120D-02	-1.85631D-03	1.89274D-03	9.76401D-04
48	3.13349D-02	3.20698D-03	-8.44190D-02	-1.08726D-03	1.35175D-03	-3.67268D-05
49	-3.52321D-02	6.83831D-03	-2.19080D-02	-5.99516D-06	-2.67070D-04	-9.76684D-05
50	-1.55010D-02	1.24757D-03	-1.76659D-02	-4.46974D-04	-1.17419D-03	2.27492D-04
51	-1.06764D-02	5.56545D-04	-1.22181D-02	-4.79386D-04	-1.15029D-03	2.70118D-04

52	-1.68914D-04	-3.93594D-06	-1.70703D-04	-1.46177D-05	-8.57201D-05	1.42683D-05
53	-2.21316D-10	-3.28548D-11	-2.23034D-10	-2.09283D-09	-7.42873D-09	2.05003D-09
54	-1.63321D-01	-1.22052D-03	1.23298D-01	3.17756D-03	-3.20585D-03	2.87892D-03
55	-6.48059D-02	1.32938D-01	1.52489D-01	2.94027D-03	-2.96633D-03	2.59338D-03
56	2.42718D-03	1.44117D-01	1.00523D-01	1.87782D-03	-1.02370D-02	2.56069D-03
57	9.72746D-02	1.63662D-02	-2.32560D-01	-2.28330D-03	5.48715D-03	-3.91745D-03
58	5.41078D-02	4.73225D-02	-1.75460D-01	-2.25966D-03	3.13501D-03	-1.18662D-03
59	5.03993D-02	4.93210D-02	-1.36998D-01	-2.34929D-03	1.85759D-03	1.26887D-03
60	-7.02994D-03	-1.26255D-03	1.28125D-04	1.30523D-04	8.06528D-06	-3.24567D-05
61	-4.27295D-03	-2.46592D-04	2.80186D-03	1.03536D-04	-1.39476D-04	-1.93313D-04
62	5.38323D-03	-1.58420D-04	6.73198D-03	3.38057D-05	-8.06511D-05	-1.39433D-04
63	5.66575D-03	-1.41283D-03	6.74209D-03	3.35702D-05	5.60316D-05	-6.15902D-05
64	5.64409D-03	-2.67664D-03	9.36287D-04	-3.21739D-05	8.42021D-05	3.18472D-05
65	2.80230D-03	-8.06257D-04	-1.15798D-03	-7.90854D-05	8.73832D-05	2.62223D-04
66	-5.38576D-03	-8.05498D-04	-3.69663D-03	-8.60342D-05	7.31079D-05	2.73710D-04
67	-9.61440D-03	-1.02540D-04	-5.19089D-03	-7.90623D-05	-1.46268D-05	2.05526D-04
68	-1.56967D-03	2.81243D-03	-5.34566D-04	-4.69904D-05	-6.03959D-05	8.40586D-05
69	-1.20921D-03	2.61280D-03	-4.27825D-04	-4.52732D-05	-3.38236D-05	7.74206D-05
70	-3.04675D-04	1.03412D-03	-4.22666D-04	-2.92742D-05	-7.20083D-06	4.82782D-05
71	-7.24138D-05	2.12195D-03	-1.43754D-04	-2.01977D-05	-3.82798D-06	3.80814D-05
72	2.60887D-04	2.28751D-03	2.56755D-07	-5.92250D-07	1.50069D-06	1.38013D-05
73	6.08577D-04	2.29922D-03	-7.09676D-04	8.95251D-06	-4.67765D-06	-5.84516D-06
74	2.61935D-04	1.87221D-03	-7.32144D-04	9.43640D-06	-1.08290D-05	-2.53875D-05
76	-3.00769D-04	-2.22796D-04	-4.02904D-04	-2.26972D-05	5.84179D-06	2.60039D-05
77	-2.97385D-04	-6.54444D-04	-1.55229D-04	-1.78413D-05	1.09601D-05	1.22857D-05
78	-3.76183D-05	-4.99027D-04	1.67615D-05	-6.34909D-06	2.33283D-05	-1.19885D-05
79	2.02100D-04	-4.07312D-04	-3.39620D-04	1.06570D-05	1.06057D-05	5.52392D-06
80	9.51261D-06	-6.41834D-05	-3.84149D-07	5.19748D-06	1.06626D-06	4.42734D-07
82	-4.41681D-05	-2.21589D-04	-6.47419D-05	4.58390D-06	2.17212D-07	-2.69526D-06
83	-3.73981D-05	-1.92978D-04	-8.70425D-05	4.96598D-06	-1.43905D-06	6.20413D-06
84	-2.83017D-05	-4.67256D-05	-6.10258D-05	3.59105D-06	-1.50390D-06	7.13459D-06
85	-2.00906D-06	-1.06642D-05	-6.13374D-05	-1.25437D-07	-1.67692D-06	1.75993D-06
86	2.50179D-06	-9.29035D-06	-1.38841D-06	-9.58764D-07	-8.19071D-08	-4.28676D-07
87	2.16351D-06	-8.54562D-06	-3.40038D-07	-9.51597D-07	-1.83010D-07	1.04237D-07
88	1.38340D-06	-4.94523D-06	-2.67494D-09	-4.43137D-07	-1.16923D-07	7.89896D-09
90	2.07765D-06	-5.16963D-06	-5.07489D-07	-2.20557D-07	2.37320D-07	-4.76473D-07
91	1.16573D-06	-3.84773D-06	-4.81122D-08	2.49845D-07	1.07267D-07	-3.28516D-07
93	-1.00540D-03	2.80482D-04	2.23275D-04	1.04903D-05	5.64060D-05	-9.49010D-07
94	-5.08772D-03	6.33719D-04	1.24928D-03	-4.33096D-06	1.09647D-04	5.76155D-06
95	-1.59543D-02	-1.00111D-03	-1.06624D-02	-5.99324D-05	1.04332D-04	6.51519D-05
96	-1.58365D-02	-1.10032D-03	-1.20369D-02	8.70407D-05	6.61877D-05	-6.13370D-05
97	-1.69963D-02	-2.64833D-04	-1.26142D-02	-3.62699D-05	8.47571D-05	4.95320D-05
98	-1.73337D-02	-8.81515D-08	-1.32496D-02	-3.68516D-05	7.26323D-05	4.14105D-05
99	-6.92951D-03	-4.20636D-03	-1.97201D-03	4.00797D-05	-6.38843D-05	-1.90756D-05
100	-6.41120D-03	-3.49357D-03	-1.50445D-03	6.32785D-05	7.39042D-07	-1.14557D-05
101	-7.06476D-03	-1.95146D-03	-2.16586D-03	8.81682D-05	4.60794D-05	-4.56269D-06
102	-8.00394D-03	-4.96603D-04	-3.11866D-03	9.00324D-05	6.62097D-05	7.24117D-06
103	-7.35713D-03	-1.25932D-03	-1.43359D-03	1.17444D-04	3.34867D-05	-1.80819D-05
104	-8.53049D-03	4.08305D-03	-5.73950D-03	-6.71308D-05	-1.19510D-04	7.76808D-05
105	-5.90867D-03	2.59305D-03	-5.74450D-03	-7.48089D-05	-1.28833D-04	7.87966D-05
106	-8.29225D-03	2.79833D-03	-7.70713D-03	-8.37569D-05	-1.28081D-04	8.86972D-05
107	-3.06145D-03	1.07633D-03	-5.73554D-03	-6.64992D-05	-1.31603D-04	5.97752D-05
108	9.49423D-04	-1.88926D-04	-6.39009D-03	-8.90834D-06	2.03225D-05	-1.60632D-05
109	7.86160D-04	-9.91988D-05	-6.39986D-03	1.48359D-05	2.42092D-05	5.14880D-06
110	7.11206D-04	-4.12013D-05	-6.40401D-03	1.05467D-05	2.43166D-05	1.42397D-05
111	5.95878D-04	-1.26709D-05	-6.41053D-03	-1.39973D-05	2.25463D-05	2.86335D-05
112	4.65864D-04	-1.60913D-04	-6.41563D-03	-4.56760D-05	1.96593D-05	3.79070D-05
113	-8.72189D-04	-5.27814D-04	-1.13566D-02	-2.46647D-04	8.30004D-06	5.38696D-05
114	3.44303D-04	-2.85122D-04	-6.41590D-03	-6.51871D-06	2.06025D-05	3.79902D-05
115	2.89089D-04	-2.55351D-04	-6.41608D-03	1.55828D-05	2.11356D-05	3.80616D-05

116	2.16428D-04	-1.47875D-04	-6.41628D-03	3.37227D-05	2.15705D-05	3.81533D-05
117	1.42723D-04	-1.38429D-08	-6.41636D-03	3.95144D-05	2.17248D-05	3.81533D-05
118	3.19405D-04	-1.47873D-04	-6.53621D-03	5.54386D-05	2.09774D-05	4.01104D-05
119	-2.29353D-05	3.01360D-04	-6.41644D-03	3.95259D-05	2.17257D-05	3.81533D-05
120	5.42821D-04	-1.47869D-04	-6.92065D-03	8.26442D-05	1.97630D-05	4.25722D-05
121	6.60416D-04	6.68995D-05	-7.25091D-03	8.41709D-05	1.96731D-05	4.27104D-05
122	9.59393D-04	-1.65480D-07	-6.08189D-03	-7.82639D-06	3.22789D-05	-1.19626D-05
123	9.78238D-04	1.04593D-04	-5.28344D-03	-5.77068D-06	4.98862D-05	-2.07438D-06
124	1.02525D-03	-1.19589D-04	-2.03781D-03	-5.77319D-07	7.92305D-05	4.71936D-06
125	1.03494D-03	-1.70049D-04	-1.21740D-03	5.04632D-07	8.22869D-05	2.85257D-06
126	1.05061D-03	-2.06957D-04	5.51903D-04	1.84628D-06	8.38520D-05	-1.62409D-06
127	9.35907D-04	-2.01733D-04	6.20897D-04	2.54744D-06	8.37606D-05	-2.71067D-06
128	1.06457D-03	-1.36109D-04	2.32111D-03	1.76180D-06	8.29812D-05	-7.18086D-06
129	1.06972D-03	-8.89551D-05	2.82083D-03	1.72093D-06	8.19021D-05	-1.06885D-05
130	2.05579D-03	2.69720D-05	3.71905D-03	1.56401D-06	9.18299D-05	-3.03799D-05
131	3.16427D-04	7.11341D-05	3.71492D-03	1.12485D-06	6.25200D-05	-1.61243D-05
132	-8.58211D-04	-4.76865D-09	2.83816D-03	-1.46993D-06	-2.38127D-05	4.55128D-06
133	-9.34092D-04	-5.70202D-04	1.06780D-03	-2.75901D-06	-1.26908D-05	-4.61513D-06
134	3.78638D-03	5.54010D-08	3.72300D-03	-8.38747D-07	1.04563D-04	-4.94160D-05
135	5.46051D-03	4.63605D-05	3.72614D-03	-3.19298D-06	1.06696D-04	-6.62125D-05
136	7.70870D-03	1.32024D-04	3.72931D-03	-3.18503D-06	9.76826D-05	-8.00979D-05
137	1.03439D-02	2.76711D-04	3.92782D-03	1.35606D-06	9.86681D-05	-9.21263D-05
138	9.57640D-03	2.67017D-04	3.72535D-03	-8.20215D-06	8.21467D-05	-6.95183D-05
139	1.14153D-02	-1.29758D-04	2.85398D-03	-2.13113D-05	-8.92924D-07	-2.36320D-05
140	1.07217D-02	-4.58600D-08	3.50323D-03	-1.09735D-05	-3.41883D-05	-6.94864D-06
141	1.04155D-02	2.06453D-05	3.79666D-03	-7.38612D-06	-4.15993D-05	-3.85128D-06
142	1.01785D-02	6.59353D-05	3.54977D-03	-1.08887D-04	1.19456D-04	1.18928D-04
143	9.85515D-03	9.56587D-05	3.22221D-03	-1.59531D-04	1.73797D-04	1.64385D-04
144	9.13399D-03	9.43605D-05	2.49444D-03	-2.48511D-04	2.41495D-04	2.27598D-04
145	8.03172D-03	-4.13584D-05	1.38698D-03	-3.13682D-04	2.68535D-04	2.60482D-04
146	1.01840D-03	-5.72116D-04	-1.05028D-02	-4.99002D-04	2.67322D-04	2.42578D-04
147	6.85277D-03	-1.59230D-04	2.07474D-04	-2.94512D-04	2.83315D-04	2.81056D-04
148	6.31448D-03	-1.50561D-04	-3.30995D-04	-2.83899D-04	2.91655D-04	2.92874D-04
149	5.60400D-03	-8.97703D-05	-1.04169D-03	-2.75469D-04	2.98445D-04	3.02852D-04
150	4.88209D-03	-9.93558D-09	-1.76369D-03	-2.72532D-04	3.00818D-04	3.05789D-04
151	6.43890D-03	-8.97686D-05	-3.10806D-04	-2.80874D-04	2.91381D-04	3.30472D-04
152	3.26010D-03	1.79359D-04	-3.38575D-03	-2.72527D-04	3.00821D-04	3.05794D-04
153	8.32534D-03	-8.97647D-05	1.22061D-03	-2.87707D-04	2.76915D-04	3.65136D-04
154	9.26885D-03	5.27318D-05	1.85428D-03	-2.88090D-04	2.75843D-04	3.67081D-04
155	6.90630D-03	2.18992D-08	3.00374D-03	-6.24506D-06	-1.11777D-04	1.21433D-05
156	3.84130D-03	-1.03302D-04	-7.26496D-05	-1.90791D-05	-1.08394D-04	1.81351D-05
157	2.28002D-03	-7.28271D-05	-1.67029D-03	-2.41351D-05	-1.05159D-04	1.90080D-05
158	1.65841D-03	-3.18641D-06	-2.22097D-03	-2.67135D-05	-1.04891D-04	1.70824D-05
159	7.11504D-04	-8.24185D-06	-3.20491D-03	-2.57625D-05	-1.00805D-04	2.20809D-05
160	-1.96713D-04	6.08128D-09	-4.12399D-03	-3.20731D-05	-8.57496D-05	2.90751D-05
161	-2.04509D-03	-8.37233D-05	-6.21712D-03	-7.65655D-05	1.24691D-05	5.21326D-05
162	3.48991D-04	5.12800D-09	-1.29341D-03	-1.46701D-04	1.05565D-04	5.31468D-05
163	9.91107D-04	1.03318D-04	4.27256D-04	-1.62446D-04	1.13949D-04	5.03461D-05
164	1.42254D-03	1.86780D-04	1.71597D-03	-1.73538D-04	1.16728D-04	4.83110D-05
165	3.01834D-03	5.54875D-04	8.33564D-03	-2.36524D-04	7.52514D-05	3.52411D-05
166	2.93046D-02	-6.42345D-03	7.93929D-03	-6.10669D-04	-4.36403D-04	-1.50816D-05
167	2.94172D-02	-6.37833D-03	-2.94991D-03	-6.36825D-04	-4.40809D-04	-6.65266D-06
168	2.86148D-02	-5.46128D-03	1.21710D-04	-6.75637D-04	-4.45089D-04	2.48088D-05
169	2.73026D-02	-4.80667D-03	-5.80330D-03	-1.06082D-03	-4.92794D-04	2.03087D-04
170	2.27356D-02	-3.56861D-03	-2.65480D-02	-2.21216D-03	-6.87899D-04	2.97627D-04
171	2.39853D-02	-3.56895D-03	-1.92340D-02	-2.20585D-03	-6.87899D-04	4.40351D-04
172	2.52938D-02	-3.56922D-03	-1.33092D-02	-2.20332D-03	-6.87899D-04	5.19843D-04
173	2.79959D-02	-3.56935D-03	-2.01787D-03	-2.20330D-03	-6.87899D-04	5.29672D-04
174	3.15925D-02	-3.56938D-03	1.28631D-02	-2.20512D-03	-6.87899D-04	5.34139D-04
175	2.18289D-02	-2.38778D-03	-3.06843D-02	-2.41261D-03	-7.30182D-04	2.56496D-04

176	8.48378D-03	8.15217D-03	1.87302D-08	-4.09994D-03	-7.44999D-04	-1.23312D-03
177	1.92888D-02	5.54050D-08	4.33989D-02	-5.74813D-03	-3.20577D-04	-3.39729D-03
178	1.94288D-02	2.07069D-01	-2.93433D-08	-5.86300D-03	-8.94126D-04	-1.50830D-03
179	7.76697D-03	4.12173D-07	-2.57503D-02	-2.78304D-03	8.45610D-04	-5.04242D-03
180	4.50742D-03	7.80943D-01	-1.47648D-02	-3.00676D-03	-1.73227D-03	-1.84051D-04
181	1.03149D-02	7.61224D-01	-3.37309D-02	-3.62451D-03	-2.10901D-03	2.16489D-03
182	5.75853D-02	8.61114D-02	-1.62427D-01	-2.60092D-03	1.56317D-03	2.00320D-03
183	5.45085D-02	6.80195D-02	-1.51496D-01	-2.49552D-03	1.69415D-03	1.69849D-03
184	4.79409D-02	4.90638D-02	-1.55014D-01	-2.36226D-03	2.43476D-03	-1.27285D-04
185	4.57506D-02	3.40594D-02	-1.21224D-01	-2.15441D-03	1.91069D-03	1.14391D-03
186	-2.62846D-02	-1.10827D-02	-3.09986D-02	-1.34979D-04	5.82903D-04	-4.51770D-04
187	-3.03292D-02	-8.59680D-03	-2.70828D-02	-7.97745D-05	4.73286D-04	-4.43854D-04
188	-3.34373D-02	-6.02570D-03	-2.42338D-02	-4.45413D-05	3.71161D-04	-4.21784D-04
189	-1.30814D-02	8.88371D-04	-1.49644D-02	-4.62814D-04	-1.16543D-03	2.48910D-04
190	3.17854D-03	1.64339D-08	-2.12299D-08	-3.86294D-04	-1.91863D-04	-1.67457D-05
191	3.07671D-03	-4.09390D-08	-3.54287D-02	-5.55228D-04	-1.23491D-04	7.65268D-05
192	3.07167D-03	-5.47896D-04	-3.61407D-02	-5.61918D-04	-1.08788D-04	8.64874D-05
193	1.58831D-03	-1.58161D-03	-4.14646D-02	-3.25979D-04	-3.36763D-04	2.26471D-04
194	6.58457D-04	3.35887D-03	-5.95809D-05	8.71126D-06	-3.31609D-06	2.52115D-05
195	2.48161D-04	1.26125D-03	-3.82295D-05	4.55406D-05	-9.13792D-06	2.37807D-05
196	-1.43379D-01	-1.22643D-03	1.01250D-01	3.13176D-03	-3.17463D-03	2.83414D-03
197	-1.91526D-01	2.57377D-04	1.55887D-01	3.20949D-03	-3.20479D-03	2.91816D-03
198	-1.37737D-01	3.08297D-02	1.31054D-01	3.17929D-03	-3.21185D-03	2.86872D-03
199	3.00487D-02	1.27140D-01	9.18799D-03	1.63693D-03	-1.05464D-02	2.47377D-03
200	8.47472D-02	9.32241D-02	-1.71804D-01	1.14782D-03	-1.01096D-02	2.32376D-03
201	9.28715D-02	9.32288D-02	-1.76644D-01	1.69731D-03	-1.02028D-02	2.53390D-03
202	9.81927D-02	9.32315D-02	-1.80432D-01	1.92362D-03	-1.02609D-02	2.59243D-03
203	1.20620D-01	8.58809D-02	-2.28121D-01	2.19177D-03	-1.01859D-02	2.55521D-03
204	1.42757D-01	7.17614D-02	-3.00506D-01	2.18582D-03	-9.12874D-03	2.66240D-03
205	1.59819D-01	5.83367D-02	-3.56308D-01	2.17435D-03	-8.46656D-03	2.77640D-03
206	1.35638D-01	5.83261D-02	-3.40390D-01	6.33541D-04	-8.60710D-03	2.15197D-03
207	2.03055D-01	-9.75447D-03	-5.65360D-01	-4.11619D-04	-3.04849D-03	1.53008D-03
208	1.06056D-01	5.87490D-07	-2.60648D-01	-2.21028D-03	5.61307D-03	-3.60801D-03
209	-1.77693D-03	6.43419D-05	3.83131D-03	9.67090D-05	-1.40268D-04	-2.01200D-04
210	-6.03266D-04	1.87851D-04	4.30763D-03	9.64697D-05	-1.38620D-04	-2.01812D-04
211	3.73972D-03	6.66525D-06	6.56476D-03	1.00066D-04	-1.38716D-04	-2.03861D-04
212	5.43760D-04	2.99046D-04	4.77137D-03	9.32113D-05	-1.36330D-04	-1.99836D-04
213	4.76795D-03	5.66854D-09	6.48287D-03	4.08351D-05	-8.90377D-05	-1.50110D-04
214	-9.57778D-03	-1.28087D-09	-5.16950D-03	-7.85022D-05	-1.72069D-05	2.03327D-04
215	-4.18133D-04	1.34642D-03	-4.23922D-04	-3.46598D-05	-1.50332D-05	5.52028D-05
216	-3.03472D-04	5.57434D-04	-4.63030D-04	-2.72189D-05	-2.35573D-06	4.30320D-05
217	-3.04683D-04	1.53191D-03	-3.50783D-04	-2.66736D-05	-7.40893D-06	4.87879D-05
218	3.40059D-04	2.28861D-03	-7.78720D-10	4.91895D-07	1.16323D-06	1.25865D-05
219	7.29088D-04	2.29911D-03	-4.61705D-04	8.64327D-06	-3.33627D-06	-2.36807D-06
220	7.24203D-04	2.29915D-03	-4.79076D-04	8.65553D-06	-3.36449D-06	-2.45346D-06
221	7.24294D-04	2.28803D-03	-4.63140D-04	8.65602D-06	-3.36253D-06	-2.44303D-06
222	7.19095D-04	2.29916D-03	-4.96440D-04	8.66633D-06	-3.39458D-06	-2.54485D-06
223	6.53267D-04	2.29944D-03	-6.38385D-04	8.90876D-06	-4.35409D-06	-5.13452D-06
224	6.42801D-04	2.29944D-03	-6.56235D-04	8.91330D-06	-4.38418D-06	-5.20541D-06
225	6.42381D-04	2.27344D-03	-6.34862D-04	8.91382D-06	-4.38144D-06	-5.19507D-06
226	6.32146D-04	2.29942D-03	-6.74053D-04	8.91730D-06	-4.41689D-06	-5.28107D-06
227	1.38388D-04	9.69629D-04	-3.84524D-04	8.36765D-06	-1.00981D-05	-2.28898D-05
228	-3.01769D-04	2.71266D-08	-4.45558D-04	-2.43542D-05	3.23547D-06	3.25895D-05
229	-1.49346D-04	-2.22769D-04	-2.69217D-04	-1.94532D-05	5.54852D-06	2.17503D-05
230	-6.77690D-05	-2.22750D-04	-1.95542D-04	-1.75586D-05	5.36451D-06	1.92499D-05
231	-5.83944D-09	-4.98075D-04	-6.48982D-09	-6.36370D-06	2.31822D-05	-1.16689D-05
232	2.49677D-04	-4.09471D-04	-4.26888D-04	9.90954D-06	1.08857D-05	5.46814D-06
233	2.38666D-04	-4.09271D-04	-4.06951D-04	9.98199D-06	1.08613D-05	5.47685D-06
234	2.99120D-04	-4.64933D-04	-4.06847D-04	9.98416D-06	1.08626D-05	5.47701D-06
235	2.27620D-04	-4.09067D-04	-3.86847D-04	1.00517D-05	1.08357D-05	5.48399D-06

236	7.61521D-11	-2.21700D-04	1.35158D-10	4.72497D-06	4.13357D-07	-3.57764D-06
237	-3.52737D-06	-2.21685D-04	-4.67887D-06	4.67965D-06	3.67353D-07	-3.39104D-06
238	-2.31872D-05	-2.21660D-04	-3.25620D-05	4.63004D-06	3.07999D-07	-3.13394D-06
239	-2.31896D-05	-2.02114D-04	-3.36515D-05	4.63004D-06	3.04684D-07	-3.11208D-06
240	-4.13382D-05	-2.21616D-04	-6.01836D-05	4.59863D-06	2.56854D-07	-2.89277D-06
241	4.56006D-06	-9.40876D-06	-6.03394D-06	-1.20111D-06	-2.18979D-07	-4.94496D-07
242	2.48570D-06	-1.04263D-05	-1.00022D-06	-9.36677D-07	-1.02259D-07	-2.59982D-07
243	2.49130D-06	-6.99365D-06	-1.34025D-06	-6.27175D-07	1.67549D-08	-4.88855D-07
244	1.24977D-06	-4.45891D-06	-2.32437D-09	-4.05087D-07	-1.09476D-07	6.41287D-09
245	6.04740D-07	-2.12390D-06	-1.73564D-09	-3.32399D-07	-9.21210D-08	4.49551D-09
246	5.76981D-07	-2.12411D-06	-2.09790D-06	-3.32626D-07	-9.21210D-08	4.43311D-09
247	1.03508D-07	-3.47008D-07	-9.43453D-10	-2.18618D-07	-6.14262D-08	2.73266D-09
248	1.05028D-06	-3.50277D-06	-4.04946D-08	2.63519D-07	9.69686D-08	-2.69857D-07
249	4.97237D-07	-1.79527D-06	-2.77020D-08	2.47684D-07	7.86252D-08	-1.94175D-07
250	1.72222D-06	-1.79545D-06	1.53420D-06	2.47850D-07	7.86252D-08	-1.94362D-07
251	7.97384D-08	-3.55363D-07	-1.50582D-08	1.73961D-07	5.14438D-08	-1.18032D-07
252	-1.07882D-01	6.85411D-02	1.39875D-01	3.13804D-03	-2.88995D-03	2.78243D-03

M O D A L A N A L Y S I S

MODE NUMBER 17
FREQUENCY= 16.2561 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.91217D-02	3.47129D-02	-7.91401D-03	3.33626D-04	-3.89479D-04	-4.27854D-04
3	3.87071D-02	3.76152D-02	-1.03969D-02	-3.67708D-04	-2.85935D-04	-3.76362D-04
4	4.56430D-02	3.76452D-02	-1.75723D-02	-4.12594D-04	-2.30499D-04	-3.82899D-04
5	5.16107D-02	3.39730D-02	-2.47795D-02	-6.68385D-04	-9.06271D-05	-3.54942D-04
6	5.26523D-02	1.55409D-02	-3.14265D-02	-8.42893D-04	1.66381D-04	-4.13398D-04
7	4.83643D-02	-2.59428D-02	-3.91241D-02	-7.95826D-04	1.50196D-04	-4.32855D-04
8	4.73568D-02	-7.93927D-02	-4.11713D-02	-2.06784D-04	-2.30497D-04	3.57227D-04
9	9.86420D-02	-1.22670D-02	1.03653D-02	5.60172D-05	-7.98355D-04	9.44551D-04
10	1.09550D-01	-2.28587D-07	2.10530D-02	8.86997D-05	-8.04273D-04	7.46807D-04
11	1.22662D-01	1.27690D-02	4.27899D-02	-9.13831D-05	1.14934D-03	-1.08476D-03
12	1.57695D-02	-1.03328D-06	4.25466D-02	-3.33074D-04	1.50978D-03	-7.70793D-04
13	-7.34796D-03	-2.38195D-03	5.65132D-02	-4.93815D-04	1.36002D-04	-1.96507D-04
14	-9.00524D-03	4.13305D-04	-3.80887D-02	-2.52103D-05	-8.47390D-04	3.25626D-04
15	1.42858D-02	4.79493D-04	-3.79617D-02	1.33441D-05	5.59708D-05	1.19117D-04
16	1.01857D-02	-1.49208D-04	-3.26964D-02	2.84324D-05	2.69630D-04	4.70820D-06
17	9.85189D-03	4.87634D-03	-1.48004D-02	7.91861D-06	9.66965D-05	-6.83938D-05
18	1.00729D-02	5.73696D-03	-1.39048D-02	8.60548D-06	3.51417D-05	-4.61097D-05
19	1.02675D-02	6.11687D-03	-1.36409D-02	8.13009D-06	3.52823D-05	-2.78371D-05
20	1.04898D-02	6.16548D-03	-1.27342D-02	2.12243D-05	9.61878D-05	1.55126D-05
21	1.02694D-02	2.90904D-03	-5.25683D-03	4.59406D-05	1.58440D-04	1.15352D-04
22	5.17967D-03	-3.19981D-04	-8.78311D-04	3.79549D-05	1.24510D-04	1.75934D-04
23	6.47253D-10	-3.99714D-11	-1.06370D-10	5.26627D-09	1.35630D-08	2.62248D-08
25	3.29562D-03	-8.81294D-03	1.78138D-03	8.32348D-05	-8.99069D-05	-7.46131D-05
26	4.22661D-03	7.61143D-03	3.05624D-02	1.83897D-03	-3.34661D-04	1.87890D-04
27	2.03896D-03	7.57547D-03	5.13300D-02	1.86280D-03	-3.57655D-04	1.82029D-04
28	1.24701D-03	5.65289D-03	9.46855D-02	1.54708D-03	2.17173D-05	-1.92608D-04
29	1.21936D-03	3.35071D-03	9.44389D-02	1.47855D-03	7.54989D-05	-1.87155D-04
30	5.78706D-04	-1.13644D-03	-2.83085D-02	8.24280D-04	7.71507D-05	-5.02449D-05
31	1.00507D-02	-9.01684D-05	4.12142D-02	1.64441D-04	1.08086D-03	-1.54280D-04
32	-7.42531D-02	-9.36973D-05	-4.33237D-02	2.81350D-05	1.30143D-03	-2.08839D-05
33	-1.04883D-01	5.13566D-04	-4.65869D-02	8.90327D-05	6.32385D-04	1.15623D-04
34	-1.17700D-01	-7.38221D-03	-3.47886D-02	2.96506D-04	-3.98235D-04	6.73028D-04
35	-1.08587D-01	-8.27711D-03	-3.81473D-02	1.85050D-04	-8.30942D-04	8.60927D-04
36	5.57942D-02	2.67057D-02	-3.31308D-02	-9.30897D-04	2.60977D-04	-9.63294D-05
37	5.67243D-02	3.35276D-02	-3.98351D-02	-2.11651D-04	6.16293D-05	3.01472D-04
38	-7.84036D-03	3.42079D-02	-6.78250D-04	5.62219D-04	1.11322D-04	6.10901D-04
39	-6.76001D-03	-9.22816D-03	3.98981D-03	3.81578D-04	1.19668D-05	5.15632D-04
40	-2.52352D-03	-1.43282D-02	8.22058D-04	2.76189D-04	-1.80877D-05	3.97964D-04
41	2.05612D-04	-1.43305D-02	-1.04627D-03	2.55917D-04	-2.99472D-05	3.72391D-04
42	2.53898D-03	-1.35244D-02	-2.47912D-03	4.25219D-06	1.60106D-05	1.61259D-04
43	2.36337D-03	-1.37651D-02	-2.47809D-03	-3.03005D-05	1.07363D-05	6.43763D-05
44	2.18797D-03	-1.38657D-02	-2.20335D-03	-1.98106D-05	4.60548D-05	-1.50623D-04
45	2.21881D-03	2.61369D-02	-7.15930D-03	-4.52159D-04	-8.79357D-05	1.94325D-04
46	2.24616D-03	2.53203D-02	-7.35477D-03	-4.68617D-04	-5.84835D-05	2.82434D-04
47	4.75716D-03	1.01433D-03	-1.23589D-02	-4.03645D-04	2.37722D-04	2.43722D-05
48	3.87526D-03	-1.23089D-04	-1.08927D-02	-2.79750D-04	1.71588D-04	-1.31833D-04
49	-4.41617D-03	2.86612D-03	-3.06472D-03	-4.58580D-05	-3.88104D-05	-1.01607D-04
50	-1.70817D-03	1.16616D-03	-2.49505D-03	-8.84100D-05	-1.58303D-04	-3.22919D-05
51	-1.05739D-03	6.85375D-04	-1.76006D-03	-9.27920D-05	-1.54747D-04	-2.37563D-05

52	-2.02457D-05	-6.47736D-07	-2.47324D-05	-2.31545D-06	-1.21841D-05	4.66251D-07
53	-3.04493D-11	-5.40690D-12	-3.16915D-11	-3.24231D-10	-1.05591D-09	1.13419D-10
54	-7.36442D-03	3.31583D-03	1.72454D-02	-1.70164D-03	3.26263D-05	-1.02526D-05
55	-7.65784D-03	-5.46490D-02	1.70639D-02	-1.61192D-03	-9.37150D-05	-3.17284D-04
56	-1.27564D-03	-6.74945D-02	1.13355D-02	-1.17733D-03	-1.19335D-03	-7.32443D-04
57	1.31122D-02	1.52684D-03	-3.75025D-02	-8.16377D-04	6.91958D-04	-5.46878D-04
58	7.54222D-03	4.32383D-03	-2.63564D-02	-5.81372D-04	3.66482D-04	-1.83825D-04
59	6.26744D-03	4.73038D-03	-1.74947D-02	-4.88960D-04	2.30430D-04	6.45589D-05
60	7.41134D-02	-1.22732D-02	7.72230D-03	-1.97351D-04	-3.02545D-04	1.20021D-03
61	3.97644D-02	-1.09669D-02	-4.21028D-03	-8.11895D-04	1.21028D-03	2.25945D-03
62	-4.81492D-02	1.66001D-03	-3.98120D-02	-3.92632D-04	7.68183D-04	1.53616D-03
63	-5.10569D-02	1.32979D-02	-4.03288D-02	-5.65656D-04	-4.81984D-04	5.82659D-04
64	-5.09200D-02	2.47761D-02	1.01366D-02	-8.03597D-05	-7.28343D-04	-2.67360D-04
65	-2.85807D-02	9.86649D-03	2.18599D-02	2.49403D-04	-7.06300D-04	-2.04196D-03
66	3.51181D-02	9.84072D-03	3.06466D-02	3.11314D-04	-5.86010D-04	-2.12997D-03
67	6.83138D-02	1.16526D-03	3.78783D-02	4.45214D-04	8.02721D-05	-1.54727D-03
68	1.08228D-02	-2.46356D-02	4.53035D-03	4.00259D-04	4.35753D-04	-6.43601D-04
69	8.26534D-03	-2.27516D-02	3.76453D-03	3.98664D-04	2.33772D-04	-5.95530D-04
70	2.16981D-03	-8.60243D-03	3.71174D-03	2.65342D-04	4.52960D-05	-3.97484D-04
71	2.12112D-04	-1.76595D-02	1.31595D-03	1.88750D-04	4.40331D-05	-3.23564D-04
72	-2.66780D-03	-1.90808D-02	-6.37952D-05	-5.43881D-06	-5.55602D-06	-1.23113D-04
73	-6.17405D-03	-1.91849D-02	8.73199D-03	-1.00663D-04	6.01795D-05	4.73207D-05
74	-3.07575D-03	-1.55617D-02	8.64087D-03	-8.32344D-05	1.28500D-04	2.10208D-04
76	2.14698D-03	1.84862D-03	3.20069D-03	2.08722D-04	-5.67949D-05	-2.16112D-04
77	2.12679D-03	5.44098D-03	9.77412D-04	1.67286D-04	-9.65064D-05	-1.03662D-04
78	2.66274D-04	4.35384D-03	-1.76011D-04	6.48229D-05	-1.96401D-04	8.56062D-05
79	-1.60193D-03	3.56595D-03	3.00427D-03	-9.68709D-05	-8.59400D-05	-4.09301D-05
80	-7.64544D-05	5.56330D-04	3.67178D-06	-4.52130D-05	-8.70046D-06	-2.97468D-06
82	4.06869D-04	1.83896D-03	6.46385D-04	-4.55668D-05	-1.64033D-06	2.51450D-05
83	3.59876D-04	1.60180D-03	8.56182D-04	-4.50401D-05	1.45331D-05	-5.01066D-05
84	2.68080D-04	3.88114D-04	5.94481D-04	-3.13345D-05	1.51138D-05	-5.86808D-05
85	4.47596D-05	8.85099D-05	5.84137D-04	1.87809D-06	1.67046D-05	-1.50150D-05
86	-2.05038D-05	7.71093D-05	1.20210D-05	8.87764D-06	8.16084D-07	3.40226D-06
87	-1.76798D-05	6.97858D-05	2.76041D-06	8.29104D-06	1.51374D-06	-7.91721D-07
88	-1.12995D-05	3.96467D-05	8.00685D-09	3.61107D-06	9.55269D-07	4.86589D-08
90	-1.68235D-05	4.40532D-05	4.42982D-06	2.22382D-06	-2.05503D-06	4.02760D-06
91	-9.12863D-06	3.33392D-05	4.61682D-07	-2.14088D-06	-8.59122D-07	2.84070D-06
93	4.67101D-03	5.68874D-03	-1.28741D-03	2.52879D-04	-2.48990D-04	-1.77493D-04
94	2.12523D-02	2.55190D-02	-5.78280D-03	3.69069D-04	-3.98208D-04	-3.70080D-04
95	5.35091D-02	2.38239D-02	-2.98477D-02	-8.23275D-04	1.50851D-04	-4.06613D-04
96	5.44302D-02	2.19691D-02	-3.23879D-02	-9.33633D-04	2.35691D-04	-1.99755D-04
97	5.17323D-02	6.90751D-03	-3.30965D-02	-8.43666D-04	1.70691D-04	-4.37393D-04
98	5.09997D-02	-6.49920D-08	-3.44193D-02	-8.41350D-04	1.70984D-04	-4.50810D-04
99	5.91126D-02	-6.35136D-02	-2.89052D-02	5.22388D-05	-5.90611D-04	7.41264D-04
100	7.30152D-02	-4.50989D-02	-1.46315D-02	1.28927D-04	-7.85232D-04	8.95987D-04
101	9.21061D-02	-2.05590D-02	3.98260D-03	9.92383D-05	-8.25087D-04	9.56445D-04
102	1.05314D-01	-4.51556D-03	1.69007D-02	8.20047D-05	-8.14333D-04	8.29716D-04
103	8.80773D-02	-1.22703D-02	9.85123D-03	-8.75114D-05	-5.70170D-04	1.08535D-03
104	1.11999D-01	1.18676D-02	4.27598D-02	-1.24404D-04	1.41251D-03	-1.21654D-03
105	8.07597D-02	9.05688D-03	4.27389D-02	-1.43198D-04	1.56527D-03	-1.29159D-03
106	1.19255D-01	5.85606D-03	3.66105D-02	-9.96268D-05	1.56160D-03	-1.43293D-03
107	4.56953D-02	5.11078D-03	4.26494D-02	-2.25639D-04	1.63869D-03	-1.07916D-03
108	-7.44280D-03	-1.25763D-03	5.67402D-02	-4.70165D-04	-7.95093D-06	-1.66512D-04
109	-7.11914D-03	-4.75476D-03	5.68395D-02	-3.54074D-04	-6.73025D-05	-2.00519D-04
110	-6.88046D-03	-5.72647D-03	5.68817D-02	-1.75968D-04	-8.00439D-05	-2.15093D-04
111	-6.45705D-03	-5.84425D-03	5.69481D-02	2.63338D-04	-8.43715D-05	-2.38169D-04
112	-5.95750D-03	-3.26613D-03	5.70001D-02	6.86833D-04	-7.28676D-05	-2.53036D-04
113	1.30131D-03	4.43434D-04	1.13737D-01	2.74498D-03	5.15194D-05	-2.77069D-04
114	-5.41029D-03	-4.11529D-04	5.70025D-02	3.55927D-04	-1.01556D-04	-2.54066D-04
115	-5.10928D-03	1.26608D-04	5.70041D-02	1.69181D-04	-1.17654D-04	-2.54950D-04

116	-4.67204D-03	2.33872D-04	5.70058D-02	1.59159D-05	-1.30680D-04	-2.56086D-04
117	-4.20474D-03	1.16973D-07	5.70066D-02	-3.29295D-05	-1.35063D-04	-2.56086D-04
118	-5.37923D-03	2.33839D-04	5.72335D-02	-1.70269D-04	-1.23375D-04	-2.80282D-04
119	-3.17571D-03	-2.51037D-04	5.70073D-02	-3.29394D-05	-1.34939D-04	-2.56086D-04
120	-6.98225D-03	2.33770D-04	5.88898D-02	-4.03524D-04	-1.08418D-04	-3.10644D-04
121	-7.93514D-03	-8.26097D-04	6.05204D-02	-4.16623D-04	-1.07310D-04	-3.12346D-04
122	-7.56186D-03	1.30583D-06	5.54894D-02	-4.39818D-04	-1.54725D-04	-1.60781D-04
123	-7.78726D-03	3.33509D-03	5.01815D-02	-3.82158D-04	-3.80723D-04	-1.64906D-04
124	-8.35188D-03	9.22436D-03	2.07634D-02	-2.36492D-04	-7.74525D-04	-2.59209D-05
125	-8.46858D-03	9.30375D-03	1.26375D-02	-2.06145D-04	-8.21396D-04	2.95476D-05
126	-8.65757D-03	7.97025D-03	-5.23899D-03	-1.68513D-04	-8.54128D-04	1.14907D-04
127	-1.01488D-02	7.58436D-03	-1.00612D-02	-1.79728D-04	-8.53112D-04	1.26985D-04
128	-8.82770D-03	4.77465D-03	-2.34128D-02	-1.08072D-04	-8.61318D-04	1.98057D-04
129	-8.89047D-03	3.48209D-03	-2.86196D-02	-7.88267D-05	-8.58714D-04	2.41713D-04
130	-1.96453D-02	5.48219D-04	-3.81143D-02	7.35485D-06	-1.00451D-03	4.67850D-04
131	-8.94665D-04	2.04289D-04	-3.80755D-02	-1.54672D-05	-6.62070D-04	2.95737D-04
132	1.01343D-02	5.03840D-08	-2.85127D-02	2.51344D-05	2.54474D-04	-2.18602D-05
133	1.04289D-02	5.78258D-03	-1.10135D-02	2.81892D-05	1.22497D-04	3.89266D-05
134	-3.88342D-02	-4.41821D-07	-3.81504D-02	6.46528D-05	-1.16152D-03	6.87650D-04
135	-5.75179D-02	-1.49316D-03	-3.81787D-02	1.05783D-04	-1.19023D-03	8.81592D-04
136	-8.26348D-02	-4.04712D-03	-3.82068D-02	1.13724D-04	-1.08818D-03	1.04192D-03
137	-1.16122D-01	-6.04435D-03	-3.81695D-02	6.87259D-05	-1.09910D-03	1.18055D-03
138	-1.03393D-01	-7.16177D-03	-3.81639D-02	1.66172D-04	-9.09564D-04	9.20289D-04
139	-1.22340D-01	-1.02994D-03	-2.98371D-02	2.86142D-04	6.35761D-05	3.88323D-04
140	-1.12329D-01	4.32951D-07	-3.93677D-02	1.59365D-04	4.62367D-04	1.80286D-04
141	-1.08187D-01	2.83316D-04	-4.33707D-02	1.16380D-04	5.49915D-04	1.40443D-04
142	-1.06062D-01	3.10564D-04	-4.11467D-02	1.16747D-03	-1.21262D-03	-1.21250D-03
143	-1.02722D-01	9.06517D-05	-3.77647D-02	1.69151D-03	-1.80864D-03	-1.71855D-03
144	-9.51363D-02	8.68400D-05	-3.01130D-02	2.61184D-03	-2.55322D-03	-2.42956D-03
145	-8.34450D-02	1.26757D-03	-1.83700D-02	3.28560D-03	-2.85296D-03	-2.80683D-03
146	-6.51382D-03	6.81284D-03	1.05605D-01	5.19655D-03	-2.84337D-03	-2.68958D-03
147	-7.09003D-02	2.17242D-03	-5.81944D-03	3.08582D-03	-3.01712D-03	-3.02215D-03
148	-6.51621D-02	1.93917D-03	-7.94126D-05	2.97535D-03	-3.10974D-03	-3.14593D-03
149	-5.75800D-02	1.12091D-03	7.50471D-03	2.88782D-03	-3.18514D-03	-3.25059D-03
150	-4.98712D-02	1.03811D-07	1.52144D-02	2.85712D-03	-3.21146D-03	-3.28129D-03
151	-6.65406D-02	1.12090D-03	-1.75314D-04	2.95693D-03	-3.10703D-03	-3.54665D-03
152	-3.25554D-02	-2.28763D-03	3.25310D-02	2.85706D-03	-3.21146D-03	-3.28136D-03
153	-8.67848D-02	1.12086D-03	-1.63462D-02	3.04419D-03	-2.94708D-03	-3.91825D-03
154	-9.69543D-02	-4.85365D-04	-2.30233D-02	3.04908D-03	-2.93523D-03	-3.93910D-03
155	-6.55950D-02	-1.81181D-07	-3.46371D-02	4.05121D-05	1.32192D-03	-4.60537D-05
156	-2.94546D-02	3.43154D-04	1.61549D-03	1.27907D-04	1.26290D-03	-1.21361D-04
157	-1.13361D-02	1.91246D-04	2.01494D-02	1.65771D-04	1.21102D-03	-1.34686D-04
158	-6.00876D-03	-3.19608D-04	2.34394D-02	1.93690D-04	1.20893D-03	-1.27557D-04
159	6.55846D-03	-1.15422D-04	3.76770D-02	1.62809D-04	1.14525D-03	-1.47144D-04
160	1.66193D-02	-1.11167D-07	4.79069D-02	1.72575D-04	9.43794D-04	-1.64260D-04
161	3.56333D-02	3.95390D-04	6.96432D-02	2.81011D-04	-1.19687D-04	-1.91736D-04
162	1.55743D-02	-1.71340D-08	2.92989D-02	4.54104D-04	-7.29085D-04	-1.60576D-04
163	1.12691D-02	-3.94529D-04	1.78624D-02	4.92944D-04	-6.93376D-04	-1.47581D-04
164	8.81274D-03	-7.11881D-04	1.05810D-02	5.20133D-04	-6.45665D-04	-1.38905D-04
165	1.36468D-03	-2.21108D-03	-2.02748D-02	6.72597D-04	-3.24156D-04	-9.48055D-05
166	-3.54845D-03	3.41987D-02	-4.62926D-03	5.64049D-04	1.10783D-04	6.14218D-04
167	-1.39797D-02	3.39492D-02	4.99924D-03	5.63213D-04	1.11338D-04	6.13574D-04
168	-7.65145D-03	2.85357D-02	1.98167D-04	5.57096D-04	1.11176D-04	6.03503D-04
169	-7.34457D-03	1.98065D-02	1.56112D-03	5.12934D-04	9.49449D-05	5.53428D-04
170	-6.82837D-03	-2.24023D-03	3.75121D-03	4.10302D-04	3.03044D-05	5.07200D-04
171	-5.15921D-03	-2.24045D-03	2.38254D-03	4.15673D-04	3.03044D-05	5.01556D-04
172	-3.81571D-03	-2.24063D-03	1.26032D-03	4.18846D-04	3.03044D-05	4.98649D-04
173	-1.26140D-03	-2.24071D-03	-8.87874D-04	4.19293D-04	3.03044D-05	4.98359D-04
174	2.10398D-03	-2.24073D-03	-3.72067D-03	4.19832D-04	3.03044D-05	4.98664D-04
175	-6.78852D-03	-5.71463D-03	3.89754D-03	3.95919D-04	2.08988D-05	5.11323D-04

176	-1.32153D-03	-1.43292D-02	6.75725D-09	2.67672D-04	-2.31703D-05	3.87942D-04
177	2.20008D-03	8.85206D-09	3.52382D-04	-1.36824D-04	3.88318D-05	-3.58986D-04
178	2.21212D-03	2.58005D-02	-5.92396D-09	-2.96531D-04	-6.74882D-05	-2.26418D-04
179	1.48812D-03	4.80673D-08	-4.87171D-03	-2.60940D-04	9.84558D-05	-4.85167D-04
180	5.99213D-04	8.41933D-02	-1.95982D-03	-4.23632D-04	-2.07030D-04	-5.78454D-05
181	1.30263D-03	8.21174D-02	-4.25982D-03	-5.03814D-04	-2.57922D-04	1.96102D-04
182	7.16569D-03	8.70511D-03	-2.06404D-02	-5.13142D-04	1.93114D-04	1.45895D-04
183	6.78140D-03	6.74842D-03	-1.92899D-02	-5.03119D-04	2.09716D-04	1.12098D-04
184	6.45398D-03	4.70092D-03	-2.14416D-02	-5.43385D-04	2.92303D-04	-7.27262D-05
185	5.68879D-03	3.12208D-03	-1.55258D-02	-4.55341D-04	2.38639D-04	4.73347D-05
186	-3.44693D-03	-1.80843D-03	-4.08572D-03	-9.84966D-05	7.35973D-05	-1.79011D-04
187	-3.95446D-03	-1.26099D-03	-3.59128D-03	-8.51218D-05	5.92687D-05	-1.75816D-04
188	-4.34082D-03	-6.87750D-04	-3.23540D-03	-7.50811D-05	4.58841D-05	-1.70602D-04
189	-1.38162D-03	9.24269D-04	-2.13039D-03	-9.05448D-05	-1.56973D-04	-2.80109D-05
190	7.85079D-04	-3.45185D-08	5.38482D-08	1.03118D-03	5.51604D-04	2.78275D-05
191	1.17855D-03	2.03394D-07	9.23631D-02	1.43545D-03	2.03699D-04	-1.52706D-04
192	1.19373D-03	1.17047D-03	9.34110D-02	1.45146D-03	1.50921D-04	-1.70805D-04
193	2.52565D-03	3.34891D-03	1.06388D-01	1.05132D-03	7.20980D-05	-1.00110D-04
194	2.02307D-03	-8.45761D-03	1.19667D-03	-2.50822D-05	-6.96589D-05	-8.87186D-05
195	2.81705D-04	-3.08994D-03	3.38974D-04	-1.10216D-04	-2.55112D-05	-6.91295D-05
196	-7.40130D-03	3.31654D-03	2.91771D-02	-1.69906D-03	3.30558D-05	-1.72473D-06
197	-7.29582D-03	2.70492D-03	2.26324D-04	-1.70158D-03	3.26808D-05	-8.71438D-06
198	-7.62147D-03	-1.01577D-02	1.71604D-02	-1.70009D-03	3.16253D-05	-2.66320D-05
199	1.98124D-03	-6.39275D-02	6.05803D-04	-1.13555D-03	-1.25641D-03	-8.00938D-04
200	8.67639D-03	-5.48075D-02	-2.14585D-02	-1.05866D-03	-1.25736D-03	-9.16045D-04
201	5.56834D-03	-5.48099D-02	-1.80933D-02	-9.85979D-04	-1.27458D-03	-9.48108D-04
202	3.60257D-03	-5.48113D-02	-1.60953D-02	-9.59541D-04	-1.28530D-03	-9.48754D-04
203	1.38566D-03	-5.24154D-02	-1.72766D-02	-9.40245D-04	-1.29224D-03	-8.96799D-04
204	4.23419D-03	-4.78312D-02	-2.66140D-02	-9.08856D-04	-1.20532D-03	-9.38923D-04
205	6.51947D-03	-4.34005D-02	-3.41019D-02	-8.93344D-04	-1.13704D-03	-9.36968D-04
206	1.51620D-02	-4.33913D-02	-4.28352D-02	-9.98600D-04	-1.11301D-03	-9.77936D-04
207	2.43773D-02	-2.00694D-02	-7.33235D-02	-9.76347D-04	-4.60348D-04	-7.84844D-04
208	1.42054D-02	7.63696D-08	-4.10289D-02	-8.34653D-04	6.99185D-04	-5.23173D-04
209	1.76615D-02	-9.11919D-03	-1.32249D-02	-8.05648D-04	1.25667D-03	2.26749D-03
210	7.12378D-03	-8.19389D-03	-1.74890D-02	-8.05100D-04	1.24522D-03	2.26827D-03
211	-4.17905D-02	-6.25215D-03	-3.61744D-02	-8.25367D-04	1.24559D-03	2.29161D-03
212	-3.19883D-03	-7.21400D-03	-2.16591D-02	-7.85533D-04	1.22794D-03	2.24242D-03
213	-4.22832D-02	-3.15843D-08	-3.74446D-02	-4.44524D-04	8.42406D-04	1.65372D-03
214	6.81140D-02	3.84773D-08	3.77601D-02	4.46486D-04	1.00255D-04	-1.52978D-03
215	2.90487D-03	-1.14327D-02	3.72456D-03	3.12687D-04	9.93041D-05	-4.44543D-04
216	2.16280D-03	-4.64917D-03	3.91653D-03	2.47648D-04	7.33196D-06	-3.56502D-04
217	2.16945D-03	-1.27135D-02	3.22392D-03	2.41679D-04	5.12223D-05	-4.03017D-04
218	-3.37709D-03	-1.90905D-02	2.32062D-08	-1.71590D-05	-1.97964D-06	-1.12918D-04
219	-7.12166D-03	-1.91832D-02	5.89291D-03	-1.00835D-04	4.57055D-05	1.65694D-05
220	-7.08722D-03	-1.91836D-02	6.09549D-03	-1.00886D-04	4.60046D-05	1.73330D-05
221	-7.09250D-03	-1.91139D-02	5.87300D-03	-1.00891D-04	4.59788D-05	1.72435D-05
222	-7.05073D-03	-1.91837D-02	6.29776D-03	-1.00922D-04	4.63283D-05	1.81476D-05
223	-6.53591D-03	-1.91867D-02	7.92717D-03	-1.00957D-04	5.66513D-05	4.11197D-05
224	-6.45187D-03	-1.91867D-02	8.12934D-03	-1.00925D-04	5.69750D-05	4.17444D-05
225	-6.45302D-03	-1.89844D-02	7.84768D-03	-1.00930D-04	5.69400D-05	4.16556D-05
226	-6.36611D-03	-1.91865D-02	8.33092D-03	-1.00890D-04	5.73322D-05	4.24075D-05
227	-1.61996D-03	-8.04946D-03	4.52946D-03	-7.25300D-05	1.19143D-04	1.89246D-04
228	2.15285D-03	-2.39999D-07	3.62434D-03	2.22987D-04	-3.64315D-05	-2.70884D-04
229	8.89894D-04	1.84842D-03	1.97343D-03	1.78137D-04	-5.39186D-05	-1.80266D-04
230	2.14512D-04	1.84828D-03	1.29987D-03	1.60184D-04	-5.21139D-05	-1.59131D-04
231	3.52575D-08	4.34570D-03	5.13134D-08	6.46625D-05	-1.95133D-04	8.33642D-05
232	-1.95384D-03	3.58458D-03	3.79971D-03	-9.03995D-05	-8.83634D-05	-4.03585D-05
233	-1.87254D-03	3.58286D-03	3.61783D-03	-9.10301D-05	-8.81512D-05	-4.04385D-05
234	-2.36214D-03	4.08808D-03	3.61960D-03	-9.10498D-05	-8.81613D-05	-4.04399D-05
235	-1.79094D-03	3.58110D-03	3.43449D-03	-9.16356D-05	-8.79294D-05	-4.05063D-05

236	-6.68734D-10	1.83987D-03	-1.26006D-09	-4.73054D-05	-3.55588D-06	3.26968D-05
237	3.22475D-05	1.83976D-03	4.68514D-05	-4.67985D-05	-3.10471D-06	3.10925D-05
238	2.12887D-04	1.83955D-03	3.25514D-04	-4.62200D-05	-2.52260D-06	2.88886D-05
239	2.12909D-04	1.65921D-03	3.09932D-04	-4.62200D-05	-2.48824D-06	2.87046D-05
240	3.80598D-04	1.83918D-03	6.00999D-04	-4.58029D-05	-2.02557D-06	2.68270D-05
241	-3.65475D-05	7.80919D-05	5.51590D-05	1.11816D-05	2.18150D-06	3.79462D-06
242	-2.03726D-05	8.61987D-05	8.36374D-06	8.48570D-06	9.49463D-07	2.05530D-06
243	-2.04282D-05	5.83868D-05	1.17526D-05	5.91695D-06	-9.74130D-08	3.95470D-06
244	-1.02080D-05	3.57273D-05	7.32499D-09	3.27940D-06	8.94312D-07	4.05834D-08
245	-4.93942D-06	1.69401D-05	6.17990D-09	2.67166D-06	7.52460D-07	3.01644D-08
246	-5.13459D-06	1.69419D-05	1.68545D-05	2.67352D-06	7.52460D-07	3.07337D-08
247	-8.45382D-07	2.72958D-06	3.35925D-09	1.75034D-06	5.01729D-07	1.83359D-08
248	-8.21808D-06	3.03588D-05	3.88622D-07	-2.27027D-06	-7.69712D-07	2.33347D-06
249	-3.86588D-06	1.55916D-05	2.65929D-07	-2.14336D-06	-6.17895D-07	1.67903D-06
250	-1.44582D-05	1.55932D-05	-1.32505D-05	-2.14483D-06	-6.17895D-07	1.68063D-06
251	-6.07628D-07	3.10068D-06	1.44553D-07	-1.50831D-06	-4.02111D-07	1.02063D-06
252	-7.86755D-03	-2.61793D-02	1.70548D-02	-1.67746D-03	1.70128D-05	-1.35404D-04

M O D A L A N A L Y S I S

MODE NUMBER 18
FREQUENCY= 16.5750 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-6.81212D-03	-5.76585D-03	1.82591D-03	-5.71397D-05	9.49160D-05	7.52790D-05
3	-9.01646D-03	-6.41648D-03	2.13569D-03	4.06275D-05	8.37595D-05	7.49284D-05
4	-1.03948D-02	-6.42068D-03	2.94791D-03	4.87762D-05	7.48862D-05	7.54616D-05
5	-1.16106D-02	-5.80107D-03	3.76659D-03	1.07491D-04	4.52957D-05	6.31405D-05
6	-1.20320D-02	-2.65682D-03	4.44061D-03	1.50240D-04	-1.47767D-05	6.66772D-05
7	-1.15130D-02	4.22621D-03	5.34127D-03	1.39302D-04	-2.39883D-05	6.20843D-05
8	-1.05399D-02	1.21738D-02	6.63673D-03	4.40437D-05	2.98119D-05	-7.34374D-05
9	-2.04476D-02	1.72576D-03	-3.35525D-03	1.64136D-05	1.61190D-04	-1.58947D-04
10	-2.26457D-02	3.83224D-08	-5.52010D-03	6.43929D-06	1.60415D-04	-1.20241D-04
11	-2.37522D-02	-1.00863D-03	-9.46571D-03	-4.54398D-07	-2.43784D-04	2.21006D-04
12	-1.80387D-03	2.40475D-07	-9.41700D-03	4.94517D-05	-3.02817D-04	1.52139D-04
13	2.64477D-03	3.89301D-04	-1.18484D-02	9.73558D-05	3.81613D-07	3.41922D-05
14	2.99374D-03	2.57377D-04	1.11720D-02	1.73075D-05	1.81923D-04	-7.29982D-05
15	-2.37904D-03	2.47759D-04	1.11365D-02	-9.86778D-06	-8.64076D-06	-2.27629D-05
16	-1.46818D-03	9.72322D-05	9.87927D-03	-1.56218D-05	-6.75796D-05	3.29101D-06
17	-1.40945D-03	-1.07662D-03	5.06266D-03	-1.11830D-05	-3.41294D-05	1.35205D-05
18	-1.56202D-03	-1.18215D-03	4.63649D-03	-1.12658D-05	-2.53160D-05	8.60977D-06
19	-1.82575D-03	-1.13848D-03	4.36039D-03	-1.09164D-05	-2.61238D-05	4.86537D-06
20	-1.99085D-03	-1.08286D-03	3.89342D-03	-1.29901D-05	-3.79046D-05	-3.42781D-06
21	-1.95225D-03	-4.52426D-04	1.46027D-03	-1.62915D-05	-4.62329D-05	-2.14353D-05
22	-9.59159D-04	8.90611D-05	2.47505D-04	-1.11026D-05	-3.02671D-05	-3.07793D-05
23	-1.14159D-10	5.97491D-12	2.85462D-11	-1.46403D-09	-2.96179D-09	-4.65751D-09
25	-1.75671D-02	-4.37614D-02	-2.18148D-03	2.48789D-04	1.05259D-04	-9.21116D-05
26	-2.94815D-02	3.01303D-02	1.23907D-01	8.25946D-03	-1.11912D-03	1.17438D-03
27	-4.30432D-02	2.99641D-02	2.17210D-01	8.36523D-03	-1.25994D-03	1.14596D-03
28	-5.17173D-02	2.46352D-02	4.08382D-01	7.03294D-03	1.38606D-04	-8.27258D-04
29	-5.18449D-02	1.46159D-02	4.06977D-01	6.71322D-03	3.59367D-04	-8.15637D-04
30	-5.33338D-02	-6.27886D-03	-1.26194D-01	3.40191D-03	5.24675D-04	-2.20259D-04
31	-2.02272D-02	-4.23261D-05	-1.94096D-02	5.25435D-05	-3.54694D-04	-5.44266D-05
32	1.14005D-02	-1.05386D-05	1.23753D-02	3.09349D-06	-4.94769D-04	-9.35484D-06
33	2.26007D-02	-6.89779D-05	1.36797D-02	-2.21634D-05	-2.18423D-04	-2.86370D-05
34	2.62992D-02	7.91295D-04	1.03411D-02	-6.66952D-05	9.97461D-05	-1.43701D-04
35	2.42292D-02	1.01586D-03	1.11437D-02	-3.23852D-05	1.80045D-04	-1.90715D-04
36	-1.24561D-02	-5.05941D-03	4.67178D-03	1.93696D-04	-3.97865D-05	-1.30403D-05
37	-1.21216D-02	-6.92074D-03	6.45154D-03	1.03648D-04	-1.39237D-05	-1.22009D-04
38	6.87457D-03	-7.10661D-03	-6.70382D-05	-1.96768D-04	-6.33780D-05	-1.46502D-04
39	5.71677D-03	5.06180D-03	-5.13951D-03	-4.15179D-04	-9.90016D-05	-1.44552D-04
40	3.01405D-03	7.92846D-03	-1.68867D-03	-5.57252D-04	-1.10055D-04	-3.01002D-04
41	9.11619D-04	7.92890D-03	2.28201D-03	-5.71654D-04	-1.22781D-04	-2.96585D-04
42	-2.01621D-04	2.08090D-03	7.87575D-03	-6.82543D-04	-1.73020D-04	-2.67064D-04
43	2.67787D-03	-9.26047D-03	7.88275D-03	-6.97585D-04	-1.67533D-04	-2.75529D-04
44	3.77104D-03	-1.33292D-02	7.15947D-03	-7.44582D-04	-2.98533D-05	-2.69708D-04
45	3.83001D-03	5.72391D-03	-1.24394D-02	-1.01408D-03	-1.23144D-04	2.66246D-05
46	3.86350D-03	5.27959D-03	-1.26884D-02	-1.01515D-03	-6.32429D-05	3.95646D-06
47	7.36709D-03	3.23309D-03	-2.06222D-02	-1.34003D-03	3.83088D-04	-4.91058D-04
48	5.93431D-03	2.25056D-03	-1.82333D-02	-1.07833D-03	2.80240D-04	-7.87211D-04
49	-6.81699D-03	1.30227D-02	-6.02726D-03	-2.80491D-04	-8.26114D-05	-5.40331D-04
50	-1.65013D-03	6.01602D-03	-4.99069D-03	-2.71375D-04	-2.90643D-04	-3.07935D-04
51	-4.54010D-04	3.61524D-03	-3.63929D-03	-2.79265D-04	-2.82759D-04	-2.80824D-04

52	-2.74522D-05	-2.00996D-06	-5.18463D-05	-5.44369D-06	-2.48871D-05	-4.79801D-06
53	-5.84123D-11	-1.67779D-11	-6.45745D-11	-7.42413D-10	-2.15678D-09	-4.23725D-10
54	2.90308D-02	1.42000D-02	3.04646D-02	-8.63489D-03	1.30922D-03	-1.81670D-03
55	-7.56130D-03	-2.98681D-01	1.92548D-02	-8.30320D-03	6.39852D-04	-2.89392D-03
56	-4.18037D-03	-3.59391D-01	1.33391D-02	-6.21714D-03	-1.45827D-03	-4.48417D-03
57	2.75441D-02	5.20491D-04	-8.94065D-02	-3.10423D-03	1.01236D-03	-1.04156D-03
58	1.76381D-02	1.40260D-03	-5.82741D-02	-2.02555D-03	4.80227D-04	-5.79228D-04
59	9.77852D-03	2.63568D-03	-2.88668D-02	-1.54983D-03	3.62395D-04	-4.37134D-04
60	-1.62352D-02	1.72632D-03	-2.14518D-03	7.04439D-05	5.26595D-05	-2.08246D-04
61	-9.45224D-03	1.86457D-03	7.77740D-04	1.71315D-04	-2.80297D-04	-4.40270D-04
62	1.15530D-02	-4.05898D-04	9.28897D-03	6.45658D-05	-1.96579D-04	-2.99830D-04
63	1.24777D-02	-2.99631D-03	9.84049D-03	8.00829D-05	7.37560D-04	-1.22929D-04
64	1.24459D-02	-5.38665D-03	1.01425D-03	-3.96636D-05	1.33875D-04	6.30132D-05
65	7.07716D-03	-1.82796D-03	-2.33201D-03	-1.29205D-04	1.48426D-04	4.94060D-04
66	-8.35452D-03	-1.82449D-03	-6.51219D-03	-1.42087D-04	1.25515D-04	5.16571D-04
67	-1.63551D-02	-2.36665D-04	-9.03078D-03	-1.38523D-04	-2.36833D-05	3.97601D-04
68	-2.63370D-03	6.41249D-03	-1.08305D-03	-9.88273D-05	-1.02544D-04	1.76079D-04
69	-2.02928D-03	5.97213D-03	-9.02777D-04	-1.00520D-04	-5.53733D-05	1.62817D-04
70	-6.00195D-04	2.37704D-03	-8.92325D-04	-6.85668D-05	-9.03081D-06	1.09796D-04
71	-6.14562D-05	4.87955D-03	-3.77215D-04	-4.93295D-05	-4.74843D-06	8.84385D-05
72	7.07621D-04	5.26389D-03	-2.04619D-05	-4.73718D-06	7.03213D-06	3.09115D-05
73	1.33374D-03	5.29460D-03	-1.38762D-03	1.92571D-05	-7.43893D-06	-1.52140D-05
74	5.35196D-04	4.30317D-03	-1.48760D-03	2.10699D-05	-2.16480D-05	-5.86076D-05
76	-5.93621D-04	-5.12678D-04	-7.22101D-04	-5.47239D-05	1.48785D-05	5.99461D-05
77	-5.87814D-04	-1.51413D-03	-1.60584D-04	-4.46877D-05	2.41672D-05	2.89791D-05
78	-7.37370D-05	-1.21674D-03	5.34298D-05	-1.92647D-05	4.81369D-05	-2.36643D-05
79	4.18054D-04	-9.99349D-04	-8.47185D-04	2.76865D-05	2.19576D-05	1.11417D-05
80	2.00141D-05	-1.54901D-04	-1.10775D-06	1.26195D-05	2.23450D-06	8.98722D-07
82	-1.12851D-04	-5.10228D-04	-1.85765D-04	1.30894D-05	-7.17275D-08	-6.97611D-06
83	-9.90065D-05	-4.44082D-04	-2.43420D-04	1.28117D-05	-4.49278D-06	1.38035D-05
84	-7.09939D-05	-1.07432D-04	-1.63659D-04	8.90185D-06	-4.58106D-06	1.61884D-05
85	-9.00621D-06	-2.45208D-05	-1.59878D-04	-4.01885D-07	-4.93592D-06	4.06200D-06
86	5.72816D-06	-2.13633D-05	-3.36014D-06	-2.46119D-06	-2.41148D-07	-9.66795D-07
87	4.94584D-06	-1.94526D-05	-7.58037D-07	-2.30500D-06	-4.18684D-07	2.14534D-07
88	3.17380D-06	-1.10662D-05	1.34627D-09	-1.00731D-06	-2.67614D-07	-1.54747D-08
90	4.69274D-06	-1.20885D-05	-1.25137D-06	-6.24161D-07	5.78643D-07	-1.12049D-06
91	2.53221D-06	-9.15688D-06	-1.32753D-07	5.86403D-07	2.39205D-07	-7.88970D-07
93	-1.06532D-03	-9.24203D-04	2.85607D-04	-4.10385D-05	5.72200D-05	3.04391D-05
94	-4.92621D-03	-4.20543D-03	1.32032D-03	-6.15608D-05	9.45414D-05	6.45446D-05
95	-1.21004D-02	-4.07118D-03	4.31728D-03	1.43908D-04	-1.06276D-05	6.73879D-05
96	-1.22533D-02	-3.99143D-03	4.56084D-03	1.86460D-04	-3.25758D-05	1.27468D-05
97	-1.19443D-02	-1.17509D-03	4.59420D-03	1.50243D-04	-1.71232D-05	6.99941D-05
98	-1.18662D-02	-5.45264D-09	4.73017D-03	1.49283D-04	-1.88630D-05	7.08157D-05
99	-1.24594D-02	9.53298D-03	4.60533D-03	6.51890D-06	1.11743D-04	-1.33259D-04
100	-1.52224D-02	6.63872D-03	1.76187D-03	-2.18808D-06	1.58611D-04	-1.55883D-04
101	-1.91190D-02	2.93028D-03	-2.05262D-03	7.56303D-06	1.67865D-04	-1.62210D-04
102	-2.17955D-02	6.26813D-04	-4.68232D-03	9.34264D-06	1.63499D-04	-1.36267D-04
103	-1.86490D-02	1.72608D-03	-2.94847D-03	4.75783D-05	1.11241D-04	-1.85918D-04
104	-2.15031D-02	-1.00198D-03	-9.46231D-03	2.31284D-06	-2.93737D-04	2.45038D-04
105	-1.50343D-02	-9.36879D-04	-9.45978D-03	3.95081D-06	-3.22005D-04	2.58725D-04
106	-2.27396D-02	-2.94134D-04	-8.94033D-03	-7.11076D-06	-3.21075D-04	2.86829D-04
107	-7.85760D-03	-6.53401D-04	-9.43988D-03	2.27382D-05	-3.33793D-04	2.15248D-04
108	2.66524D-03	2.07704D-04	-1.16557D-02	9.48949D-05	3.19027D-05	2.88556D-05
109	2.37575D-03	9.37837D-04	-1.16775D-02	7.49475D-05	4.65385D-05	4.82875D-05
110	2.22705D-03	1.14634D-03	-1.16867D-02	3.79546D-05	4.96579D-05	5.66154D-05
111	1.98062D-03	1.17681D-03	-1.17013D-02	-5.54800D-05	5.06359D-05	6.98014D-05
112	1.67867D-03	6.30315D-04	-1.17127D-02	-1.46809D-04	4.76832D-05	7.82967D-05
113	-7.46320D-04	-2.25769D-04	-2.40072D-02	-5.98589D-04	2.09004D-05	9.25932D-05
114	1.37124D-03	3.19815D-05	-1.17132D-02	-7.29969D-05	5.32522D-05	7.85608D-05
115	1.22477D-03	-7.12616D-05	-1.17135D-02	-3.13538D-05	5.63850D-05	7.87874D-05

116	1.02666D-03	-7.36621D-05	-1.17139D-02	2.80518D-06	5.89263D-05	7.90787D-05
117	8.22623D-04	-2.61082D-08	-1.17141D-02	1.37096D-05	5.97936D-05	7.90787D-05
118	1.24321D-03	-7.36552D-05	-1.17793D-02	4.29225D-05	5.70520D-05	8.52850D-05
119	3.66798D-04	1.04538D-04	-1.17142D-02	1.37139D-05	5.97786D-05	7.90787D-05
120	1.72638D-03	-7.36405D-05	-1.21697D-02	9.31869D-05	5.32141D-05	9.30756D-05
121	1.95844D-03	1.70716D-04	-1.25456D-02	9.60098D-05	5.29299D-05	9.35124D-05
122	2.69092D-03	-2.87498D-07	-1.10795D-02	9.15963D-05	6.39172D-05	2.89541D-05
123	2.73941D-03	-6.36242D-04	-9.34395D-03	8.53291D-05	1.11756D-04	3.19394D-05
124	2.86014D-03	-1.80354D-03	-1.80384D-03	6.94962D-05	1.83212D-04	3.56897D-06
125	2.88497D-03	-1.80141D-03	9.28517D-05	6.61977D-05	1.88625D-04	-8.73128D-06
126	2.92510D-03	-1.46019D-03	4.12839D-03	6.21075D-05	1.88894D-04	-2.80169D-05
127	3.36656D-03	-1.30774D-03	5.99318D-03	6.93865D-05	1.88543D-04	-3.21822D-05
128	2.95874D-03	-7.19272D-04	8.05644D-03	4.32120D-05	1.85596D-04	-4.52112D-05
129	2.97113D-03	-4.28186D-04	9.16392D-03	3.40693D-05	1.84173D-04	-5.45904D-05
130	5.26598D-03	9.51185D-05	1.11737D-02	1.06636D-05	2.14561D-04	-1.05217D-04
131	1.23319D-03	4.05376D-04	1.11684D-02	1.10310D-05	1.44570D-04	-6.57273D-05
132	-1.45908D-03	6.08359D-09	8.81337D-03	-1.49081D-05	-6.47483D-05	7.98827D-06
133	-1.98021D-03	-1.00221D-03	3.26562D-03	-1.39204D-05	-4.25589D-05	-7.79054D-06
134	9.35159D-03	1.05170D-07	1.11754D-02	-1.21135D-06	2.47772D-04	-1.55010D-04
135	1.33408D-02	1.31083D-04	1.11757D-02	-9.39832D-06	2.54121D-04	-1.98945D-04
136	1.87049D-02	3.93677D-04	1.11754D-02	-9.91403D-06	2.32347D-04	-2.35266D-04
137	2.62812D-02	8.13785D-04	1.16861D-02	4.48498D-06	2.35141D-04	-2.67843D-04
138	2.31184D-02	8.23400D-04	1.11525D-02	-2.62905D-05	1.95212D-04	-2.05327D-04
139	2.77446D-02	-2.32964D-04	8.77737D-03	-7.06744D-05	-6.74927D-06	-7.81753D-05
140	2.50942D-02	-1.16370D-07	1.12619D-02	-4.06593D-05	-1.46307D-04	-3.83538D-05
141	2.37301D-02	-2.39757D-05	1.25799D-02	-2.94642D-05	-1.85452D-04	-3.22722D-05
142	2.34276D-02	-8.75472D-05	1.22596D-02	-2.83647D-04	2.58191D-04	2.83377D-04
143	2.26851D-02	-6.24977D-05	1.15095D-02	-4.05886D-04	4.09122D-04	4.05301D-04
144	2.09256D-02	-7.23845D-05	9.73814D-03	-6.15832D-04	5.99097D-04	5.82034D-04
145	1.81616D-02	-2.83113D-04	6.96480D-03	-7.65717D-04	6.77185D-04	6.81278D-04
146	-1.57160D-03	-1.53966D-03	-2.09951D-02	-1.16083D-03	6.77526D-04	7.10830D-04
147	1.51732D-02	-4.32172D-04	3.97519D-03	-7.29191D-04	7.20091D-04	7.21776D-04
148	1.38005D-02	-3.80729D-04	2.60212D-03	-7.09167D-04	7.44294D-04	7.45207D-04
149	1.19821D-02	-2.18436D-04	7.83385D-04	-6.93536D-04	7.63989D-04	7.65217D-04
150	1.01307D-02	-1.92705D-08	-1.06816D-03	-6.87835D-04	7.70845D-04	7.70917D-04
151	1.40879D-02	-2.18434D-04	2.64162D-03	-7.19682D-04	7.44022D-04	8.32432D-04
152	5.97449D-03	4.48081D-04	-5.22453D-03	-6.87822D-04	7.70824D-04	7.70930D-04
153	1.88304D-02	-2.18428D-04	6.61454D-03	-7.52600D-04	7.03138D-04	9.16808D-04
154	2.11852D-02	8.31778D-05	8.31360D-03	-7.54445D-04	7.00110D-04	9.21542D-04
155	8.10846D-03	6.52620D-08	9.07241D-03	2.56869D-06	-5.08859D-04	-6.34458D-06
156	-6.03686D-03	2.87181D-05	-5.12063D-03	-2.32377D-06	-4.80092D-04	4.08137D-06
157	-1.28440D-02	-1.13231D-05	-1.20877D-02	-3.84401D-06	-4.40628D-04	7.37729D-06
158	-1.42342D-02	5.65757D-05	-1.19003D-02	-1.85720D-05	-4.40800D-04	2.49930D-05
159	-1.91038D-02	-4.59318D-05	-1.82479D-02	2.54674D-05	-3.93558D-04	-2.48491D-05
160	-2.21760D-02	7.51550D-08	-2.14438D-02	1.08716D-04	-2.79426D-04	-1.15749D-04
161	-2.59525D-02	2.14673D-03	-2.61110D-02	6.52694D-04	-3.92767D-06	-4.54277D-04
162	-3.07759D-02	-8.08803D-08	-3.75631D-02	1.52646D-03	-5.01614D-04	-5.04673D-04
163	-3.40860D-02	-1.92417D-03	-4.65788D-02	1.72266D-03	-7.22498D-04	-4.77013D-04
164	-3.71661D-02	-3.46319D-03	-5.58481D-02	1.86019D-03	-8.65066D-04	-4.58457D-04
165	-5.15446D-02	-1.07803D-02	-1.15050D-01	2.63306D-03	-7.15013D-04	-3.57233D-04
166	5.84345D-03	-7.10401D-03	1.30024D-03	-1.93724D-04	-6.28417D-05	-1.48191D-04
167	8.36026D-03	-7.03893D-03	-2.06433D-03	-1.97207D-04	-6.33803D-05	-1.48270D-04
168	6.76646D-03	-5.65331D-03	-5.64515D-04	-2.00685D-04	-6.38169D-05	-1.42107D-04
169	6.57399D-03	-3.47967D-03	-1.39733D-03	-2.40535D-04	-6.71836D-05	-1.14189D-04
170	5.96192D-03	2.55582D-03	-4.06192D-03	-3.68269D-04	-8.69719D-05	-1.18719D-04
171	5.61853D-03	2.55608D-03	-2.84061D-03	-3.69233D-04	-8.69719D-05	-9.18321D-05
172	5.39513D-03	2.55629D-03	-1.84708D-03	-3.69944D-04	-8.69719D-05	-7.69370D-05
173	5.00787D-03	2.55639D-03	4.93110D-05	-3.70084D-04	-8.69719D-05	-7.51189D-05
174	4.50406D-03	2.55641D-03	2.54921D-03	-3.70468D-04	-8.69719D-05	-7.44402D-05
175	5.84317D-03	3.74553D-03	-4.58328D-03	-3.91592D-04	-9.25642D-05	-1.31007D-04

176	2.09250D-03	7.92867D-03	1.04002D-09	-5.63976D-04	-1.15509D-04	-2.99427D-04
177	3.79376D-03	-4.67391D-09	6.32001D-03	-8.17522D-04	-2.82587D-05	-2.04561D-04
178	3.81669D-03	7.83604D-03	-7.44811D-09	-9.17074D-04	-1.59493D-04	-1.49107D-05
179	1.49896D-03	2.80658D-08	-4.93169D-03	-1.00088D-03	1.69179D-04	-7.22094D-04
180	9.19125D-04	6.10790D-02	-3.00803D-03	-1.37809D-03	-3.54343D-04	-2.94997D-04
181	2.10517D-03	5.88338D-02	-6.88455D-03	-1.45328D-03	-4.30867D-04	-1.13185D-04
182	1.12234D-02	3.85063D-03	-3.38081D-02	-1.56610D-03	3.03621D-04	-3.66578D-04
183	1.06046D-02	3.16361D-03	-3.16872D-02	-1.55944D-03	3.29865D-04	-3.96182D-04
184	1.33001D-02	2.60649D-03	-4.16730D-02	-1.80439D-03	4.17614D-04	-5.02775D-04
185	8.86192D-03	2.57221D-03	-2.57298D-02	-1.46748D-03	3.80536D-04	-4.60987D-04
186	-5.96049D-03	-2.38449D-03	-7.10652D-03	-5.54384D-04	1.16593D-04	-7.96064D-04
187	-6.75098D-03	-9.86616D-04	-6.32390D-03	-5.02406D-04	9.17493D-05	-7.81678D-04
188	-7.33652D-03	5.81556D-04	-5.77726D-03	-4.57698D-04	6.84313D-05	-7.64600D-04
189	-1.04927D-03	4.81390D-03	-4.31944D-03	-2.75170D-04	-2.87595D-04	-2.94338D-04
190	-5.31198D-02	-1.66866D-07	2.94908D-07	4.44906D-03	2.36544D-03	1.07037D-04
191	-5.20152D-02	8.99879D-07	3.97656D-01	6.49506D-03	8.98339D-04	-6.64469D-04
192	-5.19531D-02	5.10356D-03	4.02287D-01	6.57609D-03	6.74481D-04	-7.44043D-04
193	-4.55978D-02	1.45873D-02	4.61513D-01	4.81966D-03	4.34715D-04	-5.77576D-04
194	-1.47371D-02	-4.13691D-02	-1.81819D-03	-2.30899D-04	1.88334D-04	-2.06471D-04
195	-4.62953D-03	-1.48097D-02	-2.40014D-04	-5.65666D-04	2.01922D-04	-2.32346D-04
196	1.65388D-02	1.42070D-02	9.08824D-02	-8.59616D-03	1.29971D-03	-1.76265D-03
197	4.68752D-02	1.08967D-02	-5.62042D-02	-8.64707D-03	1.30899D-03	-1.82691D-03
198	1.85906D-02	-5.84728D-02	2.72717D-02	-8.64019D-03	1.30644D-03	-1.87772D-03
199	-7.99965D-05	-3.35800D-01	-2.45100D-05	-5.95232D-03	-1.63516D-03	-4.71942D-03
200	9.31912D-03	-2.80661D-01	-3.06853D-02	-5.44330D-03	-1.84221D-03	-5.12225D-03
201	-8.11943D-03	-2.80674D-01	-1.28681D-02	-5.34085D-03	-1.88264D-03	-5.33382D-03
202	-1.91957D-02	-2.80681D-01	-1.89447D-03	-5.31482D-03	-1.90782D-03	-5.35267D-03
203	-3.80378D-02	-2.67082D-01	1.19094D-02	-5.33931D-03	-1.96913D-03	-5.09647D-03
204	-3.35583D-02	-2.40995D-01	-2.84061D-03	-5.19352D-03	-1.99835D-03	-5.34577D-03
205	-2.96554D-02	-2.15734D-01	-1.56661D-02	-5.11971D-03	-1.95462D-03	-5.38926D-03
206	1.94004D-02	-2.15687D-01	-6.35485D-02	-4.99297D-03	-1.79186D-03	-5.30106D-03
207	3.60723D-02	-8.53877D-02	-1.17874D-01	-4.50999D-03	-9.92591D-04	-4.17914D-03
208	2.90973D-02	1.07942D-07	-9.45138D-02	-3.21301D-03	9.91554D-04	-1.05233D-03
209	-4.33359D-03	1.68920D-03	2.86759D-03	1.65825D-04	-2.94211D-04	-4.41923D-04
210	-1.86621D-03	1.58048D-03	3.86628D-03	1.65320D-04	-2.92277D-04	-4.42071D-04
211	7.64958D-03	1.19947D-03	7.73802D-03	1.69828D-04	-2.92371D-04	-4.46513D-04
212	5.60994D-04	1.45577D-03	4.84696D-03	1.60654D-04	-2.89080D-04	-4.37086D-04
213	1.00614D-02	4.14004D-09	8.68650D-03	7.74424D-05	-2.12272D-04	-3.22826D-04
214	-1.62965D-02	-4.91333D-09	-8.99645D-03	-1.37833D-04	-2.81737D-05	3.93593D-04
215	-7.63507D-04	3.10375D-03	-8.94876D-04	-8.00091D-05	-2.25698D-05	1.22395D-04
216	-5.98178D-04	1.28520D-03	-9.24508D-04	-6.42409D-05	-1.38775D-07	9.85229D-05
217	-6.00192D-04	3.51464D-03	-7.98551D-04	-6.28730D-05	-9.90887D-06	1.11408D-04
218	8.84418D-04	5.26670D-03	-3.06767D-09	-2.16657D-06	6.23981D-06	2.80119D-05
219	1.66178D-03	5.29392D-03	-8.58980D-04	1.81641D-05	-4.32452D-06	-7.21564D-06
220	1.64699D-03	5.29403D-03	-8.95520D-04	1.82031D-05	-4.39079D-06	-7.41347D-06
221	1.64606D-03	5.25857D-03	-8.76577D-04	1.82043D-05	-4.38689D-06	-7.38794D-06
222	1.63168D-03	5.29408D-03	-9.32073D-04	1.82385D-05	-4.46078D-06	-7.62590D-06
223	1.45101D-03	5.29505D-03	-1.23440D-03	1.90895D-05	-6.69236D-06	-1.35942D-05
224	1.42335D-03	5.29507D-03	-1.27268D-03	1.91077D-05	-6.76235D-06	-1.37557D-05
225	1.42124D-03	5.22535D-03	-1.24117D-03	1.91089D-05	-6.75667D-06	-1.37304D-05
226	1.39525D-03	5.29502D-03	-1.31091D-03	1.91242D-05	-6.83776D-06	-1.39289D-05
227	2.84975D-04	2.22927D-03	-7.86541D-04	1.88148D-05	-2.05053D-05	-5.27446D-05
228	-5.95309D-04	6.57126D-08	-8.34055D-04	-5.82114D-05	1.01107D-05	7.49973D-05
229	-2.44942D-04	-5.12637D-04	-4.00717D-04	-4.65592D-05	1.40985D-05	4.99980D-05
230	-5.76287D-05	-5.12607D-04	-2.24879D-04	-4.17448D-05	1.36091D-05	4.41325D-05
231	-1.01419D-08	-1.21450D-03	-1.21616D-08	-1.91972D-05	4.78362D-05	-2.30364D-05
232	5.14004D-04	-1.00452D-03	-1.07487D-03	2.58767D-05	2.25350D-05	1.10094D-05
233	4.91827D-04	-1.00404D-03	-1.02281D-03	2.60539D-05	2.24847D-05	1.10292D-05
234	6.16902D-04	-1.14851D-03	-1.02400D-03	2.60596D-05	2.24875D-05	1.10296D-05
235	4.69571D-04	-1.00355D-03	-9.70322D-04	2.62235D-05	2.24319D-05	1.10456D-05

236	1.83870D-10	-5.10477D-04	3.37098D-10	1.35921D-05	4.41734D-07	-9.07001D-06
237	-8.94606D-06	-5.10445D-04	-1.34680D-05	1.34483D-05	3.19389D-07	-8.62415D-06
238	-5.90476D-05	-5.10392D-04	-9.35576D-05	1.32824D-05	1.61539D-07	-8.01130D-06
239	-5.90541D-05	-4.60300D-04	-9.26362D-05	1.32824D-05	1.50862D-07	-7.95823D-06
240	-1.05563D-04	-5.10289D-04	-1.72723D-04	1.31600D-05	3.01267D-08	-7.44133D-06
241	1.02964D-05	-2.16355D-05	-1.53173D-05	-3.09673D-06	-6.44605D-07	-1.08570D-06
242	5.69109D-06	-2.39670D-05	-2.31053D-06	-2.35389D-06	-2.72228D-07	-5.89235D-07
243	5.70753D-06	-1.60913D-05	-3.31196D-06	-1.64226D-06	2.04454D-08	-1.11537D-06
244	2.86749D-06	-9.97255D-06	9.67095D-10	-9.15011D-07	-2.50810D-07	-1.28908D-08
245	1.38848D-06	-4.72940D-06	3.30338D-10	-7.45662D-07	-2.11270D-07	-9.55704D-09
246	1.45020D-06	-4.72991D-06	-4.70223D-06	-7.46204D-07	-2.11270D-07	-9.72418D-09
247	2.38102D-07	-7.62467D-07	1.79564D-10	-4.88594D-07	-1.40956D-07	-5.80940D-09
248	2.27935D-06	-8.33891D-06	-1.11747D-07	6.22672D-07	2.13992D-07	-6.48111D-07
249	1.07113D-06	-4.28489D-06	-7.64688D-08	5.88519D-07	1.71501D-07	-4.66375D-07
250	4.01346D-06	-4.28535D-06	3.63498D-06	5.88938D-07	1.71501D-07	-4.66837D-07
251	1.67800D-07	-8.53098D-07	-4.15667D-08	4.14344D-07	1.11511D-07	-2.83493D-07
252	6.68317D-03	-1.45040D-01	2.36237D-02	-8.58955D-03	1.10980D-03	-2.26992D-03

M O D A L A N A L Y S I S

MODE NUMBER 19
FREQUENCY= 17.9087 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.96822D-02	1.82602D-02	5.08084D-03	1.90636D-04	3.12295D-04	-1.61721D-04
3	-2.26965D-02	1.98380D-02	6.21695D-03	-1.08555D-04	3.61196D-04	-1.67696D-04
4	-1.95635D-02	1.98513D-02	4.02972D-03	-1.11999D-04	3.76614D-04	-1.87720D-04
5	-1.66785D-02	1.80841D-02	9.08688D-04	-1.75660D-05	3.32385D-04	-3.53725D-04
6	-1.72670D-02	8.23325D-03	-4.72920D-03	6.55996D-05	1.95756D-04	-5.01686D-04
7	-2.06672D-02	-1.41024D-02	-1.11556D-02	2.33344D-04	5.43434D-05	-6.07301D-04
8	-9.23094D-03	-3.64088D-02	2.06137D-03	7.97479D-04	-2.75136D-04	-5.60692D-04
9	5.96164D-03	-4.07443D-03	1.69768D-02	1.01258D-03	1.74964D-04	-7.77089D-04
10	3.23529D-03	-5.53206D-07	1.43051D-02	8.70724D-04	2.36892D-04	-6.48390D-04
11	-2.08841D-02	1.17166D-02	1.77657D-03	-1.20116D-04	-7.61322D-05	3.82129D-05
12	-7.14471D-03	5.22521D-07	1.78749D-03	-1.46266D-04	-2.36713D-04	2.73221D-05
13	-2.79724D-03	-1.10960D-03	-1.65881D-03	-6.93335D-05	-1.04695D-04	-5.59565D-05
14	-2.51450D-03	-5.77382D-04	3.11567D-03	-1.86112D-05	1.18641D-04	-2.58414D-05
15	-4.24765D-03	-4.15343D-04	3.10908D-03	1.46417D-05	-3.37316D-05	-1.04616D-05
16	-3.23352D-03	5.46997D-05	2.07848D-03	1.70762D-05	-4.40804D-05	1.78873D-06
17	-3.15224D-03	-1.33962D-03	-1.87035D-04	1.82952D-05	8.92699D-07	1.75310D-05
18	-3.03582D-03	-1.67097D-03	-7.95500D-06	1.71155D-05	2.04296D-05	1.02991D-05
19	-2.73130D-03	-1.96926D-03	2.79604D-04	1.67015D-05	2.19471D-05	4.92558D-06
20	-2.59068D-03	-2.05025D-03	5.32572D-04	1.23951D-05	8.79064D-06	-7.60948D-06
21	-2.53425D-03	-9.81711D-04	4.15385D-04	3.87520D-06	-1.09434D-05	-3.38944D-05
22	-1.30017D-03	1.75379D-05	4.67926D-05	-1.19316D-06	-1.82863D-05	-4.81705D-05
23	-1.67383D-10	6.10232D-12	1.07805D-11	-3.16835D-10	-2.56784D-09	-6.91739D-09
25	-2.49644D-03	-2.66344D-04	-7.85397D-04	-7.02299D-06	3.86626D-05	1.58049D-05
26	-3.59982D-03	-1.53715D-04	-8.29458D-04	1.31277D-05	2.46915D-05	2.02729D-05
27	-3.82923D-03	-1.54188D-04	-6.79884D-04	1.35394D-05	2.15997D-05	2.00251D-05
28	-4.11734D-03	1.12769D-05	-4.26427D-04	2.71899D-05	-6.16064D-06	4.08406D-07
29	-4.11731D-03	9.35836D-06	-3.45696D-04	2.68112D-05	-7.78928D-06	-2.97691D-07
30	-3.99413D-03	3.49064D-05	-2.94886D-03	2.62851D-05	3.15656D-05	-5.88719D-07
31	-1.71107D-03	7.25662D-05	-3.65829D-03	2.92509D-05	-1.27381D-04	-2.18431D-05
32	7.80977D-03	-1.53166D-04	5.85753D-03	6.60484D-06	-1.52357D-04	-3.37100D-05
33	1.18925D-02	-3.52921D-04	6.08206D-03	-2.11226D-05	-1.06321D-04	-4.72533D-05
34	1.53995D-02	2.61852D-03	2.64528D-03	-5.33291D-05	5.27791D-05	-1.21059D-04
35	-1.39639D-02	2.66023D-03	3.14214D-03	-4.62339D-05	1.38239D-04	-1.41109D-04
36	-1.48460D-02	4.15698D-03	-6.05409D-03	5.07677D-05	1.71673D-04	-4.20469D-04
37	-1.12208D-02	2.55674D-03	-6.55259D-03	1.75639D-05	6.89086D-05	-2.08513D-04
38	-1.15039D-03	2.60959D-03	-2.77256D-04	8.10276D-05	2.58741D-05	2.80061D-07
39	-8.77644D-04	-6.55215D-05	9.50763D-04	8.53601D-05	1.13932D-05	3.94257D-05
40	-3.89531D-04	-6.49289D-04	2.54600D-04	8.46841D-05	1.00413D-05	5.28146D-05
41	-2.06854D-05	-6.49424D-04	-3.36267D-04	8.34500D-05	9.83421D-06	5.16170D-05
42	2.87798D-04	-2.65323D-05	-1.01756D-03	6.05331D-05	1.28046D-05	4.16755D-05
43	8.19293D-05	9.35009D-04	-1.01809D-03	5.67609D-05	1.21102D-05	3.77221D-05
44	-1.06357D-05	1.09344D-03	-9.37453D-04	5.12353D-05	7.71991D-06	3.04431D-05
45	-1.20093D-05	1.37448D-03	4.94007D-05	9.79377D-06	-1.98045D-06	8.18121D-07
46	-1.10276D-05	1.36616D-03	4.30475D-05	8.32387D-06	-2.77536D-06	8.23343D-06
47	6.56376D-05	-6.73814D-05	-1.80839D-04	-5.10684D-06	3.00411D-06	1.94710D-06
48	5.40244D-05	-8.78287D-05	-1.61616D-04	-2.83950D-06	2.35223D-06	-1.07262D-06
49	-6.69646D-05	3.89180D-05	-4.73415D-05	-2.84014D-07	-5.65091D-07	-1.22687D-06
50	-2.63499D-05	1.72359D-05	-3.86865D-05	-1.36122D-06	-2.39694D-06	-3.42341D-07
51	-1.64962D-05	1.04158D-05	-2.75576D-05	-1.42981D-06	-2.34533D-06	-2.30107D-07

52	-3.06763D-07	-1.52168D-09	-3.81400D-07	-3.93632D-08	-1.81484D-07	8.50718D-09
53	-4.56818D-13	-1.27021D-14	-4.77185D-13	-5.38886D-12	-1.57279D-11	1.87194D-12
54	1.49966D-04	3.96933D-06	1.88251D-04	-1.56527D-05	7.84713D-06	-5.16400D-05
55	-9.56393D-05	-1.11338D-03	1.13134D-04	-2.10788D-05	5.22678D-06	-4.17220D-05
56	-8.34180D-05	-1.17269D-03	7.61433D-05	-2.84765D-05	-1.00322D-05	-2.97462D-05
57	1.04530D-04	6.29111D-06	-5.44396D-04	-1.46640D-05	8.22014D-06	-5.55978D-06
58	5.85860D-05	1.26353D-05	-3.75247D-04	-9.09027D-06	4.06986D-06	4.50413D-07
59	8.43727D-05	1.83355D-05	-2.44970D-04	-6.50596D-06	2.79871D-06	2.78757D-06
60	3.19918D-02	-4.32519D-03	3.95252D-02	1.01897D-03	7.41295D-04	-1.47633D-03
61	5.27660D-02	-1.08131D-02	4.51413D-02	7.00667D-04	2.28702D-03	-2.83871D-03
62	-1.98947D-01	1.21349D-02	-5.69789D-02	2.69308D-03	3.87310D-03	-2.28078D-03
63	-2.38096D-01	4.04926D-02	-1.16856D-01	5.29235D-03	4.40814D-03	2.12149D-04
64	-2.37613D-01	3.18578D-02	-4.28247D-01	7.88315D-03	3.60855D-03	-1.16381D-03
65	-1.37658D-01	-3.23695D-02	-3.15262D-01	1.09698D-02	6.50923D-04	-9.53040D-03
66	1.62248D-01	-3.21111D-02	1.86547D-02	1.09829D-02	2.35021D-04	-1.01227D-02
67	3.08991D-01	-6.48012D-04	1.59476D-01	6.53668D-03	1.22927D-03	-1.08903D-02
68	5.67072D-02	-2.07639D-01	1.50492D-02	2.36656D-03	1.62704D-03	-6.70135D-03
69	4.66818D-02	-2.01016D-01	1.21769D-02	2.64881D-03	9.50928D-04	-6.26950D-03
70	2.35943D-02	-1.03299D-01	1.23277D-02	1.95386D-03	-4.94419D-05	-4.73216D-03
71	-2.11499D-04	-2.13202D-01	1.02536D-02	1.34986D-03	-6.40073D-04	-3.87423D-03
72	-3.23199D-02	-2.29744D-01	2.95821D-03	5.42283D-04	-8.77051D-04	-1.09179D-03
73	-2.69860D-02	-2.31490D-01	-2.63407D-02	-5.46828D-05	-4.83937D-04	8.91118D-04
74	3.50947D-03	-1.88910D-01	-1.20066D-02	-7.07268D-04	-2.41081D-04	2.62473D-03
76	2.33313D-02	2.25342D-02	3.64544D-03	1.68622D-03	-4.17220D-04	-2.63904D-03
77	2.30968D-02	6.74215D-02	-9.85077D-03	1.50775D-03	-5.58144D-04	-1.32093D-03
78	2.88197D-03	5.63910D-02	-2.92302D-03	9.97077D-04	-9.77103D-04	9.23747D-04
79	-1.25782D-02	4.67789D-02	4.03733D-02	-1.36169D-03	-5.89031D-04	-4.07901D-04
80	-6.08336D-04	7.10532D-03	6.57545D-05	-5.83432D-04	-6.14750D-05	-4.58080D-05
82	5.24913D-03	2.24644D-02	8.51674D-03	-6.00496D-04	1.13695D-04	3.26558D-04
83	4.55486D-03	1.95797D-02	1.06908D-02	-6.00449D-04	2.77610D-04	-5.93516D-04
84	2.89313D-03	4.75356D-03	5.97522D-03	-4.26003D-04	2.66039D-04	-7.01885D-04
85	1.17528D-04	1.08899D-03	5.73030D-03	-1.97289D-05	2.61582D-04	-1.69177D-04
86	-2.52591D-04	9.48959D-04	1.45561D-04	9.72603D-05	1.27805D-05	4.27507D-05
87	-2.19752D-04	8.68397D-04	3.07337D-05	9.65573D-05	1.74955D-05	-1.08766D-05
88	-1.43780D-04	5.02605D-04	-7.62626D-07	4.50088D-05	1.19735D-05	-9.48350D-07
90	-2.06329D-04	5.33003D-04	5.68779D-05	2.19121D-05	-2.59739D-05	4.83899D-05
91	-1.09766D-04	3.96143D-04	6.34615D-06	-2.58070D-05	-1.04679D-05	3.34011D-05
93	-2.80520D-03	3.01520D-03	6.88879D-04	1.39127D-04	1.55304D-04	-7.31504D-05
94	-1.37854D-02	1.34558D-02	3.53863D-03	2.06747D-04	2.87165D-04	-1.44048D-04
95	-1.61680D-02	1.26913D-02	-2.67889D-03	3.59547D-05	2.09583D-04	-4.76867D-04
96	-1.57526D-02	5.65789D-03	-5.55586D-03	5.34316D-05	1.78572D-04	-4.50420D-04
97	-1.82669D-02	3.66073D-03	-6.60276D-03	9.76998D-05	1.76131D-04	-5.30526D-04
98	-1.89661D-02	-6.20595D-08	-7.91618D-03	1.23108D-04	1.56267D-04	-5.52691D-04
99	-2.42839D-04	-2.49846D-02	1.08929D-02	9.82867D-04	-2.71198D-04	-5.41529D-04
100	4.73546D-03	-1.58151D-02	1.57655D-02	1.04043D-03	-1.81267D-04	-5.87723D-04
101	6.74097D-03	-6.40997D-03	1.77614D-02	1.03429D-03	5.92854D-05	-7.13725D-04
102	4.38973D-03	-1.55376D-03	1.54386D-02	9.37859D-04	2.14425D-04	-6.86464D-04
103	1.60259D-02	-4.19002D-03	2.73423D-02	1.02051D-03	4.35605D-04	-1.12964D-03
104	-1.99949D-02	1.04848D-02	1.77635D-03	-1.58691D-04	-1.50732D-04	8.51174D-05
105	-1.63865D-02	6.91535D-03	1.77613D-03	-1.76204D-04	-1.96952D-04	1.11829D-04
106	-2.02157D-02	7.25319D-03	-2.59966D-03	-1.79959D-04	-1.96636D-04	1.41910D-04
107	-1.16405D-02	3.06898D-03	1.78160D-03	-1.74817D-04	-2.30594D-04	7.73587D-05
108	-2.78312D-03	-5.86268D-04	-2.41186D-03	-6.68545D-05	-8.70577D-05	-5.36901D-05
109	-2.19649D-03	-8.29891D-04	-2.41609D-03	-1.42980D-05	-8.19572D-05	-4.44881D-05
110	-1.95370D-03	-8.40014D-04	-2.41789D-03	-2.55525D-07	-8.07811D-05	-4.05444D-05
111	-1.57402D-03	-7.91602D-04	-2.42071D-03	1.15317D-05	-8.00608D-05	-3.43001D-05
112	-1.09397D-03	-7.09530D-04	-2.42291D-03	9.77073D-06	-8.05756D-05	-3.02772D-05
113	-2.76758D-04	-7.46447D-04	-3.90547D-03	-7.69286D-05	-8.54649D-05	-2.31988D-05
114	-6.13970D-04	-5.53803D-04	-2.42305D-03	3.51428D-05	-7.96914D-05	-3.03295D-05
115	-4.05837D-04	-4.31169D-04	-2.42314D-03	4.94587D-05	-7.92137D-05	-3.03744D-05

116	-1.39686D-04	-2.28684D-04	-2.42324D-03	6.11970D-05	-7.88435D-05	-3.04322D-05
117	1.25709D-04	-8.98228D-09	-2.42328D-03	6.49725D-05	-7.87461D-05	-3.04322D-05
118	-2.21347D-04	-2.28685D-04	-2.60213D-03	7.38172D-05	-7.84766D-05	-3.16612D-05
119	7.26379D-04	4.95564D-04	-2.42332D-03	6.49960D-05	-7.87806D-05	-3.04322D-05
120	-3.96417D-04	-2.28686D-04	-3.04919D-03	8.96392D-05	-7.77254D-05	-3.31975D-05
121	-3.28367D-04	2.73057D-06	-3.40494D-03	9.05262D-05	-7.76698D-05	-3.32830D-05
122	-2.76530D-03	-3.50048D-07	-3.15927D-03	-6.43123D-05	-6.66373D-05	-4.22661D-05
123	-2.73107D-03	4.93645D-04	-4.07238D-03	-5.94820D-05	-2.99370D-05	-1.53200D-05
124	-2.64256D-03	1.10675D-04	-3.36867D-03	-4.72793D-05	5.63717D-05	1.86928D-05
125	-2.62376D-03	-1.04692D-04	-2.71469D-03	-4.47371D-05	7.28227D-05	1.96006D-05
126	-2.59310D-03	-5.30631D-04	-9.69995D-04	-4.15846D-05	9.17833D-05	1.66220D-05
127	-3.38146D-03	-6.33005D-04	-2.17193D-03	-4.47986D-05	9.21941D-05	2.15062D-05
128	-2.55483D-03	-7.52045D-04	1.15669D-03	-3.18951D-05	1.06167D-04	1.01346D-06
129	-2.54063D-03	-7.42130D-04	1.82343D-03	-2.72066D-05	1.11302D-04	-7.91134D-06
130	-8.98034D-04	-3.87692D-04	3.12071D-03	-2.10890D-05	1.55121D-04	-5.26915D-05
131	-3.59434D-03	-7.33841D-04	3.11523D-03	-1.12986D-05	8.46579D-05	-2.36154D-05
132	-3.22134D-03	-4.57172D-08	1.43758D-03	1.72722D-05	-3.90701D-05	7.35173D-06
133	-2.57514D-03	-1.89178D-03	6.12260D-04	9.99427D-06	2.31272D-06	-1.40775D-05
134	2.23148D-03	1.33773D-07	3.12815D-03	-3.03585D-05	1.90358D-04	-9.41870D-05
135	5.33498D-03	5.59901D-04	3.13437D-03	-3.90332D-05	1.98753D-04	-1.30801D-04
136	9.55974D-03	1.45035D-03	3.14085D-03	-4.14358D-05	1.83326D-04	-1.61069D-04
137	1.47613D-02	1.80564D-03	2.41991D-03	-3.80956D-05	1.84802D-04	-1.82545D-04
138	1.30854D-02	2.37825D-03	3.14183D-03	-4.51414D-05	1.52888D-04	-1.47655D-04
139	1.55986D-02	1.06377D-03	2.43078D-03	-4.64448D-05	-3.25127D-05	-8.69656D-05
140	1.32687D-02	2.97591D-09	4.72497D-03	-3.03290D-05	-9.04190D-05	-5.65840D-05
141	1.24758D-02	-2.08368D-04	5.50611D-03	-2.50624D-05	-9.88959D-05	-5.03479D-05
142	1.23672D-02	-3.33069D-04	5.38292D-03	-1.23941D-04	1.19892D-04	1.17443D-04
143	1.20180D-02	-3.17531D-04	5.02750D-03	-1.77876D-04	1.94562D-04	1.77772D-04
144	1.11757D-02	-3.07027D-04	4.17549D-03	-2.77502D-04	2.88827D-04	2.59105D-04
145	9.84128D-03	-4.29133D-04	2.83346D-03	-3.54392D-04	3.27848D-04	2.98802D-04
146	2.34479D-03	-1.06084D-03	-1.13391D-02	-6.03725D-04	3.25040D-04	2.47505D-04
147	8.38937D-03	-4.85150D-04	1.38082D-03	-3.22368D-04	3.50553D-04	3.33084D-04
148	7.71959D-03	-4.09121D-04	7.10798D-04	-3.04646D-04	3.63372D-04	3.52743D-04
149	6.83012D-03	-2.28706D-04	-1.78946D-04	-2.90583D-04	3.73808D-04	3.69297D-04
150	5.92306D-03	-1.66158D-08	-1.08612D-03	-2.85662D-04	3.77445D-04	3.74218D-04
151	7.86095D-03	-2.28705D-04	5.99079D-04	-3.01161D-04	3.62460D-04	4.11806D-04
152	3.88805D-03	4.77627D-04	-3.12123D-03	-2.85646D-04	3.77420D-04	3.74234D-04
153	1.02440D-02	-2.28702D-04	2.26017D-03	-3.14485D-04	3.39224D-04	4.65156D-04
154	1.14726D-02	4.74723D-05	2.88843D-03	-3.15231D-04	3.37503D-04	4.68149D-04
155	6.81204D-03	-2.57198D-08	4.86013D-03	1.06974D-05	-1.51632D-04	-3.13291D-05
156	2.77808D-03	2.20311D-04	8.28458D-04	2.46847D-05	-1.40736D-04	-2.47591D-05
157	7.54390D-04	1.93708D-04	-1.23567D-03	2.72097D-05	-1.37053D-04	-2.45945D-05
158	1.24436D-03	1.09528D-04	-3.02399D-04	2.67636D-05	-1.36920D-04	-2.63824D-05
159	-1.29916D-03	1.03716D-04	-3.24378D-03	2.87170D-05	-1.32486D-04	-2.27188D-05
160	-2.50903D-03	2.52521D-08	-4.46597D-03	2.94238D-05	-1.15906D-04	-2.09753D-05
161	-5.51368D-03	-1.38369D-04	-7.96705D-03	2.67065D-05	-1.01643D-05	-1.83875D-05
162	-4.36160D-03	-1.40943D-09	-5.50650D-03	2.58512D-05	4.22828D-05	-1.19886D-05
163	-4.12598D-03	1.94200D-05	-4.86412D-03	2.59445D-05	3.01140D-05	-1.02860D-05
164	-4.05193D-03	2.85941D-05	-4.63094D-03	2.59993D-05	1.97691D-05	-9.15919D-06
165	-4.01284D-03	3.49997D-05	-4.20484D-03	2.61828D-05	8.93458D-06	-3.91170D-06
166	-1.15356D-03	2.60891D-03	-8.43532D-04	8.06195D-05	2.63408D-05	-1.23280D-06
167	-1.15510D-03	2.60403D-03	5.44452D-04	8.11611D-05	2.58769D-05	5.50083D-07
168	-1.10737D-03	2.46733D-03	-7.64587D-05	8.12096D-05	2.54558D-05	1.54859D-06
169	-1.04181D-03	2.15097D-03	2.21441D-04	8.27884D-05	2.13931D-05	1.28685D-05
170	-9.09610D-04	5.89960D-04	8.11685D-04	8.52650D-05	1.28330D-05	3.52973D-05
171	-7.99185D-04	5.90031D-04	5.27197D-04	8.64209D-05	1.28330D-05	3.18060D-05
172	-7.16722D-04	5.90086D-04	2.93837D-04	8.71111D-05	1.28330D-05	2.98836D-05
173	-5.64471D-04	5.90113D-04	-1.52960D-04	8.72102D-05	1.28330D-05	2.96525D-05
174	-3.64623D-04	5.90118D-04	-7.42252D-04	8.73408D-05	1.28330D-05	2.95884D-05
175	-8.93186D-04	2.67573D-04	8.83382D-04	8.53462D-05	1.20084D-05	3.75198D-05

176	-2.28611D-04	-6.49349D-04	5.49300D-10	8.42233D-05	9.95256D-06	5.23969D-05
177	-1.10307D-05	1.49291D-09	-5.36115D-04	4.00193D-05	8.07508D-06	6.39976D-06
178	-1.15425D-05	6.88534D-04	-2.94122D-10	2.47111D-05	4.51338D-06	-1.59443D-05
179	7.06732D-05	1.22712D-09	-2.27224D-04	4.21112D-06	1.01671D-08	4.94836D-06
180	1.15526D-05	1.06624D-03	-3.74899D-05	1.50371D-07	-1.49529D-06	-1.64276D-06
181	1.77196D-05	1.06236D-03	-5.79473D-05	-1.44129D-06	-2.53851D-06	1.98317D-06
182	9.52255D-05	9.90745D-05	-2.82608D-04	-6.68830D-06	2.27548D-06	3.81075D-06
183	9.06254D-05	6.06467D-05	-2.66597D-04	-6.61802D-06	2.50837D-06	3.38812D-06
184	6.86028D-05	1.79423D-05	-3.00614D-04	-7.93154D-06	3.38314D-06	1.60215D-06
185	7.72883D-05	-1.81192D-05	-2.20688D-04	-5.95575D-06	2.95582D-06	2.43830D-06
186	-5.13771D-05	-6.01241D-05	-6.35197D-05	-2.79329D-07	1.10727D-06	-2.33229D-06
187	-5.90445D-05	-4.49658D-05	-5.60604D-05	-1.74792D-07	8.97214D-07	-2.29129D-06
188	-6.49261D-05	-3.06409D-05	-5.06579D-05	-1.36117D-07	7.00051D-07	-2.20028D-06
189	-2.14067D-05	1.38102D-05	-3.31663D-05	-1.39511D-06	-2.37784D-06	-2.86481D-07
190	-4.05603D-03	7.08269D-10	-1.57943D-08	2.64514D-05	2.45064D-05	6.13987D-07
191	-4.11579D-03	1.33885D-09	-1.84386D-04	2.67765D-05	-9.76336D-06	-4.26163D-07
192	-4.11646D-03	3.70787D-06	-2.48289D-04	2.67894D-05	-9.13890D-06	-4.21005D-07
193	-4.09261D-03	8.93605D-06	-1.11197D-04	2.32890D-05	-6.54892D-06	-6.64305D-06
194	-1.84435D-03	-2.26243D-04	-5.57222D-04	-7.14619D-06	3.83801D-05	1.23803D-05
195	-4.60058D-04	-6.71280D-05	-1.37740D-04	-4.72463D-06	2.45691D-05	4.92289D-06
196	-2.11898D-04	4.05002D-06	2.96547D-04	-1.52535D-05	7.69048D-06	-5.16256D-05
197	6.66002D-04	-7.35374D-06	3.09741D-05	-1.56449D-05	7.84095D-06	-5.18098D-05
198	8.70078D-05	-2.45918D-04	1.69005D-04	-1.61134D-05	7.92976D-06	-5.11974D-05
199	-5.50943D-05	-1.00210D-03	-1.68462D-05	-2.81710D-05	-1.15312D-05	-2.75056D-05
200	1.21467D-05	-7.09505D-04	-2.37547D-04	-2.73378D-05	-1.33817D-05	-2.37507D-05
201	-6.50033D-05	-7.09545D-04	-1.47514D-04	-2.70859D-05	-1.37512D-05	-2.28478D-05
202	-1.11567D-04	-7.09568D-04	-9.17498D-05	-2.70120D-05	-1.39814D-05	-2.23021D-05
203	-1.81664D-04	-6.59404D-04	-3.86416D-05	-2.69374D-05	-1.44521D-05	-2.11338D-05
204	-1.48957D-04	-5.61047D-04	-1.45613D-04	-2.61904D-05	-1.42411D-05	-2.22185D-05
205	-1.21304D-04	-4.64360D-04	-2.35879D-04	-2.55998D-05	-1.37679D-05	-2.29673D-05
206	8.53562D-05	-4.64243D-04	-4.77715D-04	-2.63118D-05	-1.30747D-05	-2.04924D-05
207	2.04059D-04	-1.19044D-04	-8.67202D-04	-2.42412D-05	-6.69609D-06	-1.35385D-05
208	1.17299D-04	1.00680D-09	-5.86061D-04	-1.52552D-05	8.16125D-06	-5.48863D-06
209	9.62801D-03	-1.79456D-02	2.76236D-02	1.06028D-03	2.84273D-03	-3.13796D-03
210	-1.43073D-02	-1.96207D-02	1.79488D-02	1.11585D-03	2.90825D-03	-3.16022D-03
211	5.53611D-02	-2.23592D-02	4.03998D-02	1.14360D-03	2.90783D-03	-3.19848D-03
212	-3.89311D-02	-2.08453D-02	7.98775D-03	1.15400D-03	2.97238D-03	-3.13571D-03
213	-1.70715D-01	5.47049D-07	-4.55183D-02	2.40871D-03	3.80812D-03	-2.43300D-03
214	3.05957D-01	-4.38642D-07	1.57744D-01	6.40247D-03	1.26398D-03	-1.08489D-02
215	2.51568D-02	-1.23718D-01	1.22929D-02	2.22164D-03	2.78693D-04	-5.09745D-03
216	2.35138D-02	-5.60310D-02	1.09283D-02	1.87022D-03	-1.86920D-04	-4.27173D-03
217	2.36019D-02	-1.52859D-01	1.34574D-02	1.79842D-03	-1.00591D-04	-4.83929D-03
218	-3.84270D-02	-2.29897D-01	-2.97844D-07	5.13672D-04	-8.54829D-04	-9.52369D-04
219	-4.82355D-02	-2.31417D-01	-2.59983D-02	8.55205D-05	-5.58538D-04	5.83081D-04
220	-4.70532D-02	-2.31424D-01	-2.61661D-02	8.20281D-05	-5.56679D-04	5.90662D-04
221	-4.67897D-02	-2.28254D-01	-2.31703D-02	8.19862D-05	-5.56540D-04	5.89375D-04
222	-4.58511D-02	-2.31427D-01	-2.63250D-02	7.85806D-05	-5.54954D-04	5.98987D-04
223	-3.39459D-02	-2.31504D-01	-2.66709D-02	-2.57681D-05	-4.99939D-04	8.28553D-04
224	-3.22692D-02	-2.31506D-01	-2.66138D-02	-2.88580D-05	-4.98214D-04	8.34616D-04
225	-3.19536D-02	-2.27033D-01	-2.39068D-02	-2.88995D-05	-4.98074D-04	8.33340D-04
226	-3.05771D-02	-2.31504D-01	-2.65487D-02	-3.18514D-05	-4.96622D-04	8.41331D-04
227	1.45351D-03	-9.83306D-02	-5.44615D-03	-6.87227D-04	-1.65766D-04	2.36091D-03
228	2.33991D-02	-2.87445D-06	6.89246D-03	1.75365D-03	-3.44461D-04	-3.28015D-03
229	7.99246D-03	2.25350D-02	-6.21027D-03	1.41437D-03	-3.89456D-04	-2.19699D-03
230	-2.32395D-04	2.25352D-02	-1.15232D-02	1.24971D-03	-3.72035D-04	-1.93583D-03
231	4.14807D-07	5.62950D-02	2.12605D-07	9.93384D-04	-9.72653D-04	8.97764D-04
232	-1.61139D-02	4.70132D-02	5.16165D-02	-1.27649D-03	-5.98067D-04	-4.06642D-04
233	-1.52948D-02	4.69917D-02	4.90467D-02	-1.28497D-03	-5.97323D-04	-4.07055D-04
234	-1.86480D-02	5.40840D-02	4.92338D-02	-1.28529D-03	-5.97415D-04	-4.07073D-04
235	-1.44735D-02	4.69695D-02	4.64563D-02	-1.29302D-03	-5.96491D-04	-4.07335D-04

236	-7.84767D-09	2.24748D-02	-1.12987D-08	-6.21426D-04	9.66834D-05	4.20412D-04
237	4.14981D-04	2.24736D-02	6.17039D-04	-6.15677D-04	1.01039D-04	4.00261D-04
238	2.74242D-03	2.24716D-02	4.28760D-03	-6.08829D-04	1.06658D-04	3.72498D-04
239	2.74277D-03	2.01493D-02	4.96556D-03	-6.08829D-04	1.07326D-04	3.69787D-04
240	4.90866D-03	2.24671D-02	7.91812D-03	-6.03572D-04	1.10622D-04	3.47214D-04
241	-4.57228D-04	9.61036D-04	6.18069D-04	1.21669D-04	3.41619D-05	4.91929D-05
242	-2.50863D-04	1.06129D-03	9.55229D-05	9.50722D-05	1.29805D-05	2.57107D-05
243	-2.51734D-04	7.18205D-04	1.48601D-04	6.34718D-05	3.64120D-07	4.90615D-05
244	-1.29958D-04	4.53203D-04	-6.33850D-07	4.11543D-05	1.12805D-05	-7.69300D-07
245	-6.31297D-05	2.15936D-04	-4.17592D-07	3.37842D-05	9.55371D-06	-5.38291D-07
246	-5.98111D-05	2.15964D-04	2.12681D-04	3.38128D-05	9.55371D-06	-5.30243D-07
247	-1.09227D-05	3.53003D-05	-2.26993D-07	2.22233D-05	6.39189D-06	-3.27209D-07
248	-9.87754D-05	3.60611D-04	5.34159D-06	-2.71759D-05	-9.32903D-06	2.74417D-05
249	-4.63001D-05	1.84733D-04	3.65458D-06	-2.55132D-05	-7.44541D-06	1.97529D-05
250	-1.70951D-04	1.84757D-04	-1.57270D-04	-2.55344D-05	-7.44541D-06	1.97759D-05
251	-7.19321D-06	3.65174D-05	1.98655D-06	-1.79093D-05	-4.83061D-06	1.20071D-05
252	1.15062D-05	-5.51671D-04	1.45914D-04	-1.85578D-05	7.44969D-06	-4.79403D-05

M O D A L A N A L Y S I S

MODE NUMBER 20
FREQUENCY= 19.2121 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-4.97261D-04	-4.04814D-04	1.25039D-04	-6.21255D-06	9.00406D-06	-1.44818D-06
3	-6.74030D-04	-4.72135D-04	1.24344D-04	4.36353D-07	1.68468D-05	-1.40313D-06
4	-6.43395D-04	-4.72238D-04	1.36395D-04	1.91011D-06	1.84200D-05	-2.06097D-06
5	-6.39271D-04	-4.62562D-04	1.65241D-04	1.56061D-05	1.58019D-05	-4.44888D-06
6	-7.83687D-04	-2.38972D-04	-3.10826D-05	2.65970D-05	1.27420D-05	-1.83975D-06
7	-1.05606D-03	2.39315D-04	-5.47956D-04	2.13586D-05	7.76410D-06	-5.97215D-06
8	-9.13688D-04	2.51124D-04	-4.69427D-04	1.09492D-05	-6.89115D-06	-1.47223D-05
9	-7.82947D-04	-3.89835D-05	-3.64718D-04	1.31542D-05	2.10940D-06	-1.07889D-05
10	-8.08253D-04	4.35979D-09	-3.94709D-04	1.31615D-05	1.01522D-06	-8.99970D-06
11	-1.04232D-04	5.50840D-04	-2.31263D-04	-4.44125D-06	-7.75122D-06	-7.07084D-06
12	2.75363D-04	8.44285D-09	-2.32686D-04	-8.08739D-06	-3.33989D-06	-5.90612D-06
13	3.05890D-04	-5.12711D-05	-2.30925D-04	-5.95841D-06	1.75886D-06	-3.35327D-06
14	3.04894D-04	1.69800D-05	9.28325D-05	9.11076D-08	-4.99384D-07	5.13532D-07
15	1.88679D-04	-6.63310D-06	9.25518D-05	-5.78952D-07	2.42220D-06	-2.11067D-07
16	1.40020D-04	-1.09013D-05	1.33492D-04	-6.83565D-07	1.46041D-06	-6.61603D-07
17	1.37255D-04	7.68064D-05	1.90940D-04	-9.50692D-07	-6.08908D-07	-7.85281D-07
18	1.27708D-04	9.15022D-05	1.72745D-04	-9.27337D-07	-1.75463D-06	-3.43360D-07
19	1.03639D-04	1.05183D-04	1.49241D-04	-9.67995D-07	-1.99615D-06	-4.48229D-08
20	9.03133D-05	1.07292D-04	1.19153D-04	-8.56396D-07	-1.86248D-06	5.46617D-07
21	8.82793D-05	4.98401D-05	3.36248D-05	-7.51621D-07	-1.14647D-06	1.57667D-06
22	4.60034D-05	2.98832D-06	8.28399D-06	-3.96321D-07	-9.26555D-08	1.95099D-06
23	6.07884D-12	1.66485D-13	7.75402D-13	-4.79749D-11	4.25066D-11	2.63311D-10
25	3.06416D-03	7.67928D-03	7.06288D-04	1.13601D-04	-5.50107D-07	-1.27515D-04
26	4.49819D-03	5.55793D-03	-3.91076D-03	-2.88412D-04	2.50723D-04	-2.21718D-04
27	7.04683D-03	5.56836D-03	-7.20373D-03	-2.86569D-04	2.88061D-04	-2.25478D-04
28	1.11828D-02	2.34894D-03	-2.00936D-02	-1.91966D-04	4.12977D-04	-1.01855D-04
29	1.11949D-02	1.29223D-03	-2.47615D-02	-1.56615D-04	4.17676D-04	-9.93058D-05
30	1.13231D-02	2.25892D-03	3.02068D-02	-9.33004D-05	-1.93943D-04	1.58233D-05
31	-4.99608D-04	7.50707D-06	9.98921D-04	-8.95653D-06	1.28013D-05	1.08967D-05
32	-8.38999D-04	1.55267D-06	6.68091D-04	-3.27612D-06	-6.88205D-07	3.46435D-06
33	-7.24365D-04	-6.69884D-06	6.45889D-04	9.28588D-07	-6.08094D-06	1.31939D-06
34	-2.08901D-04	-5.32695D-05	1.33835D-04	4.35335D-07	-6.64833D-06	1.32313D-06
35	-1.10890D-04	-5.29131D-05	9.32212D-05	7.16128D-07	-6.28278D-06	1.08462D-06
36	-6.21295D-04	-9.74349D-04	-1.18116D-04	5.50820D-05	1.41774D-05	-1.83098D-05
37	-1.03214D-04	-1.64396D-03	3.36535D-04	4.55025D-05	4.32475D-05	-3.82328D-05
38	9.16764D-03	-1.72066D-03	-4.69361D-03	-1.68780D-04	1.30478D-04	-1.55129D-04
39	9.73679D-03	1.35176D-02	-1.18073D-03	-3.15591D-04	-9.19328D-05	-2.41919D-04
40	6.88712D-03	1.65874D-02	-7.32928D-04	-2.40299D-04	-3.57579D-04	-1.53632D-04
41	5.97575D-03	1.65956D-02	9.87126D-04	-2.34981D-04	-4.07892D-04	-1.10222D-04
42	1.14182D-02	1.60878D-02	2.31256D-03	5.60083D-05	-6.31878D-04	1.39143D-04
43	2.17688D-02	1.73624D-02	2.34065D-03	8.14890D-05	-5.79306D-04	1.48106D-04
44	2.44819D-02	1.63655D-02	1.78310D-03	2.80972D-05	2.38255D-04	2.28368D-04
45	2.46107D-02	-2.38483D-02	-7.85946D-02	-2.92304D-04	-7.14119D-04	-4.27955D-04
46	2.47639D-02	-2.26547D-02	-7.98591D-02	-2.82169D-04	-2.24217D-04	-5.54198D-04
47	4.26757D-02	-6.90432D-02	-1.33004D-01	-1.69459D-03	2.27291D-03	3.38515D-04
48	3.40827D-02	-7.31939D-02	-1.18723D-01	-8.44182D-04	1.71263D-03	-7.76624D-04
49	-5.29692D-02	2.23647D-02	-3.63329D-02	-9.86897D-05	-4.15166D-04	-4.59465D-04
50	-2.22512D-02	8.78426D-03	-2.96809D-02	-9.64049D-04	-1.83847D-03	6.85468D-05
51	-1.46950D-02	5.31838D-03	-2.11459D-02	-1.01341D-03	-1.80178D-03	1.37487D-04

52	-2.45381D-04	-8.45375D-08	-2.91055D-04	-3.09976D-05	-1.34730D-04	1.42006D-05
53	-3.42088D-10	-7.05667D-13	-3.61127D-10	-4.21431D-09	-1.16760D-08	2.28391D-09
54	4.78074D-01	9.91100D-04	1.70249D-01	2.68979D-03	1.78289D-02	-8.42614D-03
55	-4.78825D-02	-3.93053D-03	9.33462D-03	1.46729D-03	1.13079D-02	-6.13600D-03
56	-9.61045D-02	2.45738D-02	7.16792D-03	-1.56613D-03	-3.29361D-03	-3.05463D-03
57	8.60947D-03	-1.35744D-02	-3.07255D-01	-4.50627D-03	3.79748D-03	1.43523D-03
58	2.58251D-02	-4.83564D-02	-2.34425D-01	-3.69279D-03	2.87073D-03	2.32363D-03
59	5.69484D-02	-4.66807D-02	-1.81819D-01	-2.22186D-03	2.16252D-03	6.11551D-04
60	-5.57952D-04	-3.95521D-05	-2.25337D-05	1.59108D-05	7.10157D-08	-1.01102D-05
61	-3.59733D-04	6.21912D-05	2.19396D-04	7.52417D-06	-4.39337D-06	-1.45453D-05
62	-3.83874D-05	-1.95878D-05	3.53344D-04	7.45565D-07	-3.18003D-06	-8.61651D-06
63	-1.44913D-05	-8.46740D-05	3.84415D-04	1.85884D-06	-1.37765D-06	-1.24117D-06
64	-1.55559D-05	1.44885D-05	4.39037D-04	-2.92816D-06	-4.20864D-08	2.95981D-06
65	-8.74706D-05	7.81026D-05	3.30163D-04	-7.86779D-06	3.44327D-06	4.94403D-06
66	-2.31947D-04	7.83926D-05	8.30875D-05	-8.15415D-06	3.55236D-06	4.42915D-06
67	-2.94649D-04	1.18931D-05	-3.56720D-05	-4.95328D-06	3.40684D-07	5.53371D-07
68	-1.28995D-04	-4.81215D-04	5.54850D-05	3.36985D-06	-2.37565D-06	-7.92154D-06
69	-1.08100D-04	-4.61510D-04	6.06335D-05	5.79525D-06	-2.94503D-06	-7.74869D-06
70	6.02726D-07	-2.16252D-04	5.96588D-05	5.46883D-06	-1.84102D-06	-9.48512D-06
71	-5.19910D-05	-4.48337D-04	5.36321D-05	4.93748D-06	-1.59819D-07	-8.72931D-06
72	-1.26321D-04	-4.86458D-04	9.50311D-06	1.59976D-06	-8.89385D-07	-2.58760D-06
73	-1.06603D-04	-4.91243D-04	4.82783D-05	-1.39311D-06	7.36793D-08	2.28961D-06
74	-2.67593D-05	-3.94236D-04	7.02872D-05	-1.83716D-06	9.71321D-07	5.43714D-06
76	1.26242D-06	4.69599D-05	-2.33931D-07	4.89622D-06	-1.87233D-06	-5.54991D-06
77	1.78095D-06	1.43146D-04	-4.86206D-05	4.54524D-06	-1.83400D-06	-3.03776D-06
78	-1.93596D-07	1.48369D-04	-9.87677D-06	3.31137D-06	-2.05878D-06	4.06563D-08
79	-1.18287D-05	1.24789D-04	1.10905D-04	-3.95752D-06	-7.35078D-07	-1.28614D-07
80	-6.47280D-07	1.83339D-05	2.24994D-07	-1.52489D-06	-7.97051D-08	7.63541D-09
82	1.64686D-05	4.68570D-05	2.50232D-05	-1.75272D-06	8.13986D-08	1.05936D-06
83	1.66414D-05	4.13032D-05	3.19040D-05	-1.50159D-06	6.49305D-07	-1.12895D-06
84	1.26277D-05	1.02901D-05	2.05364D-05	-9.66638D-07	6.49708D-07	-1.46052D-06
85	6.16401D-06	2.35079D-06	1.92892D-05	6.71045D-08	6.90690D-07	-4.76470D-07
86	-4.60071D-07	2.04894D-06	3.32826D-07	2.82805D-07	3.37493D-08	4.85766D-08
87	-3.92285D-07	1.63161D-06	5.81228D-08	2.30192D-07	3.49199D-08	-2.34942D-08
88	-2.51419D-07	8.67875D-07	-1.49860D-09	8.30390D-08	2.12121D-08	4.80684D-09
90	-3.56818D-07	1.39496D-06	1.27170D-07	6.90813D-08	-5.73145D-08	1.04378D-07
91	-1.61551D-07	1.07364D-06	1.72863D-08	-6.99141D-08	-1.72367D-08	7.89489D-08
93	-6.27989D-05	-6.22589D-05	1.41608D-05	-3.38880D-06	3.63635D-06	-1.01222D-07
94	-3.35178D-04	-2.90920D-04	8.32232D-05	-5.92282D-06	7.67144D-06	-9.07106D-07
95	-7.15368D-04	-3.57967D-04	9.64785D-05	2.40555D-05	1.28481D-05	-1.13035D-06
96	-6.87345D-04	-6.30309D-04	-8.25541D-05	4.78329D-05	1.27203D-05	-1.39897D-05
97	-8.50668D-04	-1.02337D-04	-1.57459D-04	2.60720D-05	1.23703D-05	-1.63381D-06
98	-9.01052D-04	-1.28784D-08	-2.52672D-04	2.52214D-05	1.17948D-05	-2.28318D-06
99	-7.10907D-04	9.34010D-05	-2.78514D-04	9.95130D-06	-2.82560D-06	-1.50544D-05
100	-7.07255D-04	1.30744D-07	-2.82630D-04	1.04827D-05	1.30118D-06	-1.41073D-05
101	-7.63065D-04	-4.72702D-05	-3.43124D-04	1.22513D-05	2.47981D-06	-1.18586D-05
102	-8.00256D-04	-1.79012D-05	-3.84876D-04	1.31324D-05	1.60080D-06	-9.72171D-06
103	-6.77709D-04	-3.92472D-05	-2.14994D-04	1.49786D-05	1.17128D-06	-1.03553D-05
104	-3.83328D-05	5.04343D-04	-2.32604D-04	-7.01463D-06	-6.69388D-06	-7.48631D-06
105	9.63635D-05	3.41715D-04	-2.33465D-04	-8.56930D-06	-5.73029D-06	-7.72292D-06
106	3.16456D-04	3.24348D-04	-4.71833D-04	-9.35362D-06	-5.66432D-06	-8.20360D-06
107	2.04558D-04	1.56041D-04	-2.33108D-04	-8.68081D-06	-4.67780D-06	-6.98185D-06
108	3.05995D-04	-2.58517D-05	-2.13901D-04	-5.54571D-06	2.18031D-06	-2.86180D-06
109	2.77689D-04	-4.53050D-05	-2.14435D-04	-1.28583D-06	5.43497D-06	1.61294D-06
110	2.59325D-04	-4.65372D-05	-2.14661D-04	-3.95257D-07	6.48031D-06	3.53068D-06
111	2.24741D-04	-4.54167D-05	-2.15017D-04	-1.35074D-07	7.69213D-06	6.56711D-06
112	1.76668D-04	-4.68139D-05	-2.15297D-04	-9.96320D-07	8.07009D-06	8.52339D-06
113	-1.27534D-04	-7.82665D-05	-4.35770D-04	-1.21222D-05	7.58336D-06	1.18669D-05
114	1.27113D-04	-4.19972D-05	-2.15311D-04	1.82300D-06	8.36796D-06	8.55464D-06
115	1.04789D-04	-3.38353D-05	-2.15320D-04	3.41216D-06	8.53745D-06	8.58144D-06

116	7.55525D-05	-1.83705D-05	-2.15330D-04	4.71314D-06	8.67656D-06	8.61590D-06
117	4.59766D-05	-9.99826D-10	-2.15334D-04	5.13288D-06	8.72697D-06	8.61590D-06
118	9.92300D-05	-1.83705D-05	-2.29534D-04	5.98039D-06	8.45463D-06	9.35041D-06
119	-2.05741D-05	3.91515D-05	-2.15338D-04	5.13502D-06	8.72810D-06	8.61590D-06
120	1.52421D-04	-1.83705D-05	-2.66729D-04	7.56970D-06	8.00020D-06	1.02729D-05
121	1.72601D-04	1.20017D-06	-2.96817D-04	7.65887D-06	7.96654D-06	1.03246D-05
122	3.06132D-04	-3.75761D-09	-1.88319D-04	-5.07832D-06	2.53457D-06	-2.22560D-06
123	3.06346D-04	2.97462D-05	-1.34742D-04	-4.19029D-06	2.89568D-06	-1.13996D-06
124	3.06624D-04	4.03698D-05	5.38726D-06	-1.94684D-06	2.40835D-06	1.64027D-07
125	3.06634D-04	3.76430D-05	2.86597D-05	-1.47945D-06	2.04469D-06	1.72469D-07
126	3.06630D-04	3.37951D-05	6.69649D-05	-8.99880D-07	1.42144D-06	2.47818D-09
127	3.18225D-04	3.20483D-05	4.51016D-05	-8.20430D-07	1.37695D-06	-5.26502D-07
128	3.05797D-04	2.72038D-05	9.01874D-05	-4.81908D-07	6.82221D-07	3.81592D-07
129	3.05484D-04	2.38870D-05	9.34098D-05	-2.79667D-07	2.81789D-07	4.67939D-07
130	2.88576D-04	1.25971D-05	9.29557D-05	4.52034D-07	-1.98528D-06	5.82720D-07
131	3.05344D-04	1.71043D-05	9.28097D-05	-4.62430D-08	2.62479D-07	4.08656D-07
132	1.39619D-04	1.18718D-09	1.52927D-04	-7.26510D-07	1.22988D-06	-8.16458D-07
133	8.97545D-05	9.68588D-05	9.14621D-05	-8.26871D-07	-1.71977D-06	8.32520D-07
134	2.34894D-04	3.39119D-09	9.31343D-05	7.43348D-07	-3.76081D-06	6.89646D-07
135	1.67896D-04	-1.20019D-05	9.32798D-05	8.57423D-07	-4.93281D-06	7.83993D-07
136	5.43010D-05	-3.09955D-05	9.34289D-05	9.52212D-07	-5.67704D-06	8.61988D-07
137	2.32212D-05	-3.42404D-05	1.15328D-04	1.14730D-06	-5.66335D-06	8.26776D-07
138	-7.24892D-05	-4.85744D-05	9.32789D-05	7.78248D-07	-6.15086D-06	1.01160D-06
139	-4.09250D-04	-2.16971D-05	3.32812D-04	4.58220D-07	-6.55931D-06	1.43704D-06
140	-6.29394D-04	-1.32651D-08	5.51488D-04	1.02968D-06	-6.57753D-06	1.02080D-06
141	-6.87776D-04	-5.55532D-06	6.09529D-04	1.04487D-06	-6.41543D-06	1.04404D-06
142	-6.64571D-04	-3.98378D-05	6.37198D-04	-3.43075D-06	-3.89883D-06	-3.29453D-06
143	-6.58393D-04	-5.75197D-05	6.45277D-04	-1.96792D-06	-2.84730D-06	-1.77298D-06
144	-6.53117D-04	-6.03487D-05	6.53550D-04	4.49611D-06	-1.21407D-06	4.78405D-06
145	-6.51353D-04	2.38322D-06	6.57666D-04	1.23664D-05	-1.90366D-07	1.27142D-05
146	-1.87061D-03	5.15766D-05	1.86423D-03	5.94085D-05	1.95879D-06	5.98578D-05
147	-6.50703D-04	6.09408D-05	6.58398D-04	3.53499D-06	-1.47329D-07	3.88548D-06
148	-6.50492D-04	5.97579D-05	6.58661D-04	-1.43466D-06	-1.23209D-07	-1.08188D-06
149	-6.50270D-04	3.62887D-05	6.58942D-04	-5.49313D-06	-1.03745D-07	-5.13742D-06
150	-6.50063D-04	4.44108D-09	6.59174D-04	-6.80663D-06	-9.72802D-08	-6.45092D-06
151	-6.68575D-04	3.62883D-05	6.78270D-04	-8.88739D-06	-1.17123D-07	-8.46914D-06
152	-6.49548D-04	-7.15065D-05	6.59711D-04	-6.80940D-06	-9.76739D-08	-6.45368D-06
153	-7.27368D-04	3.62873D-05	7.39562D-04	-1.31430D-05	-1.44517D-07	-1.26462D-05
154	-7.77643D-04	-1.11082D-05	7.92336D-04	-1.33819D-05	-1.46546D-07	-1.28808D-05
155	-8.41211D-04	1.97998D-08	6.66058D-04	-4.44462D-06	2.22108D-07	3.93440D-06
156	-7.72113D-04	4.14036D-05	7.35178D-04	-7.69145D-06	5.50126D-06	7.78787D-06
157	-6.77996D-04	2.93249D-05	8.30956D-04	-7.68865D-06	7.72850D-06	1.00280D-05
158	-9.79802D-04	5.85854D-05	6.42912D-04	-6.62575D-06	7.56806D-06	1.16625D-05
159	-5.37787D-04	8.91514D-06	9.63880D-04	-8.53870D-06	1.03989D-05	1.02931D-05
160	-3.97175D-04	-1.64448D-08	1.09596D-03	-9.42439D-06	1.77535D-05	1.25518D-05
161	1.27260D-03	-3.99621D-04	3.18262D-03	-1.92812D-05	6.14123D-05	1.74589D-05
162	5.33300D-03	1.39406D-08	1.11355D-02	-4.74033D-05	1.80707D-04	-2.52916D-07
163	6.47625D-03	3.54902D-04	1.41349D-02	-5.40571D-05	2.23026D-04	-5.17593D-06
164	7.41235D-03	6.42160D-04	1.68733D-02	-5.83258D-05	2.48237D-04	-7.43002D-06
165	1.10958D-02	2.18178D-03	3.15907D-02	-7.78442D-05	1.37482D-04	-3.93727D-06
166	8.09625D-03	-1.71956D-03	-3.52910D-03	-1.64725D-04	1.29532D-04	-1.52272D-04
167	1.07745D-02	-1.64962D-03	-6.36041D-03	-1.70641D-04	1.30435D-04	-1.58271D-04
168	9.38161D-03	-2.32265D-04	-3.66150D-03	-1.71398D-04	1.30438D-04	-1.54004D-04
169	9.68753D-03	2.17875D-03	-2.05914D-03	-1.97943D-04	1.06550D-04	-1.52002D-04
170	9.92245D-03	1.00951D-02	-4.74784D-04	-2.84355D-04	-3.26866D-05	-2.07202D-04
171	9.34918D-03	1.00964D-02	5.08539D-04	-3.06907D-04	-3.26866D-05	-1.46207D-04
172	9.00936D-03	1.00975D-02	1.35342D-03	-3.19636D-04	-3.26866D-05	-1.12405D-04
173	8.44928D-03	1.00981D-02	2.99769D-03	-3.21259D-04	-3.26866D-05	-1.08276D-04
174	7.72588D-03	1.00982D-02	5.17119D-03	-3.22306D-04	-3.26866D-05	-1.06712D-04
175	9.84826D-03	1.17126D-02	-7.40795D-04	-3.00289D-04	-6.15829D-05	-2.26040D-04

176	6.40793D-03	1.65910D-02	1.44182D-08	-2.39617D-04	-3.79142D-04	-1.34716D-04
177	2.45755D-02	-2.48916D-08	1.84560D-02	-5.86181D-05	2.21872D-04	4.30701D-04
178	2.46330D-02	-3.20670D-02	-6.98598D-08	-1.76972D-04	-9.00624D-04	2.38377D-04
179	-1.94974D-03	-6.78169D-08	-5.73404D-03	-1.04658D-03	1.10967D-03	3.39837D-04
180	5.50783D-03	-1.12598D-01	-1.79674D-02	-1.29968D-03	-2.35186D-03	-7.39683D-04
181	1.32195D-02	-1.07149D-01	-4.32339D-02	-1.22482D-03	-2.77306D-03	-1.13626D-03
182	6.59062D-02	-2.96576D-02	-2.11424D-01	-2.14367D-03	1.82145D-03	3.96805D-04
183	6.20587D-02	-3.69140D-02	-1.98704D-01	-2.17684D-03	1.97662D-03	4.86813D-04
184	4.65452D-02	-4.66273D-02	-2.03404D-01	-3.11996D-03	2.51530D-03	1.67066D-03
185	5.15161D-02	-5.64578D-02	-1.63222D-01	-2.01634D-03	2.25956D-03	5.02907D-04
186	-4.13961D-02	-3.12661D-02	-4.83221D-02	1.01603D-04	7.95131D-04	-1.14726D-03
187	-4.69257D-02	-2.21020D-02	-4.29198D-02	1.26615D-04	6.49849D-04	-1.10750D-03
188	-5.12155D-02	-1.37541D-02	-3.89842D-02	1.23154D-04	5.11319D-04	-1.04638D-03
189	-1.84621D-02	7.03757D-03	-2.54490D-02	-9.88487D-04	-1.82515D-03	1.02806D-04
190	1.13564D-02	-3.83788D-09	2.54712D-08	-1.13323D-04	-4.24499D-04	3.19391D-05
191	1.12242D-02	-6.83621D-08	-3.10034D-02	-1.52444D-04	2.79809D-04	-6.76667D-05
192	1.12137D-02	4.17144D-04	-2.89729D-02	-1.53993D-04	3.32969D-04	-7.70434D-05
193	1.36497D-02	1.26896D-03	-2.46952D-02	1.71020D-04	1.79883D-03	-4.56502D-04
194	2.74885D-03	6.20371D-03	6.42328D-04	1.28206D-04	-2.64559D-05	-9.23608D-05
195	9.31790D-04	1.78007D-03	1.98229D-04	9.57501D-05	-4.03641D-05	-2.82382D-05
196	4.19800D-01	9.95674D-04	1.51538D-01	2.67171D-03	1.76545D-02	-8.28433D-03
197	5.58301D-01	1.03372D-03	1.96016D-01	2.74730D-03	1.78224D-02	-8.58989D-03
198	3.35817D-01	1.69880D-03	1.26753D-01	2.61591D-03	1.78532D-02	-8.31448D-03
199	-8.55643D-02	4.41003D-02	-2.61625D-02	-1.78249D-03	-4.42260D-03	-2.54602D-03
200	-5.64460D-02	6.93808D-02	-1.19104D-01	-2.17189D-03	-5.98218D-03	-1.67068D-03
201	-6.13729D-02	6.93826D-02	-1.12595D-01	-1.81186D-03	-6.24481D-03	-1.34729D-03
202	-6.39808D-02	6.93836D-02	-1.09043D-01	-1.66732D-03	-6.40839D-03	-1.21176D-03
203	-6.06796D-02	7.17349D-02	-1.28180D-01	-1.51991D-03	-6.68983D-03	-1.05741D-03
204	-4.58172D-02	7.58641D-02	-1.76746D-01	-1.49068D-03	-6.25077D-03	-9.70763D-04
205	-3.39096D-02	7.96576D-02	-2.15555D-01	-1.36076D-03	-5.97031D-03	-1.23688D-03
206	-2.14518D-02	7.96278D-02	-2.31127D-01	-2.51115D-03	-6.30705D-03	-1.01158D-03
207	4.05803D-02	7.41791D-02	-4.28658D-01	-2.92530D-03	-3.63380D-03	-7.12819D-04
208	1.42651D-02	-1.71582D-07	-3.26600D-01	-4.38930D-03	3.74842D-03	1.19588D-03
209	-2.79312D-04	7.54298D-05	2.54294D-04	6.07813D-06	-4.58569D-06	-1.41918D-05
210	-2.40904D-04	7.76469D-05	2.70088D-04	5.97879D-06	-4.53497D-06	-1.41376D-05
211	6.27507D-05	6.53156D-05	4.09138D-04	6.29903D-06	-4.54536D-06	-1.41851D-05
212	-2.03510D-04	7.81702D-05	2.85275D-04	5.63550D-06	-4.45704D-06	-1.39896D-05
213	-6.16950D-05	1.67961D-09	3.43751D-04	1.16000D-06	-3.30308D-06	-9.62595D-06
214	-2.95645D-04	-3.52549D-10	-3.63049D-05	-4.83931D-06	2.84373D-07	3.79837D-07
215	-2.04309D-05	-2.72280D-04	5.98965D-05	5.90662D-06	-2.33554D-06	-9.07252D-06
216	8.08955D-07	-1.18611D-04	4.10853D-05	5.28989D-06	-1.85955D-06	-8.79788D-06
217	5.75032D-07	-3.17456D-04	7.53844D-05	5.20698D-06	-1.52706D-06	-9.87120D-06
218	-1.40914D-04	-4.86860D-04	1.16177D-09	1.34130D-06	-8.36125D-07	-2.26345D-06
219	-1.61963D-04	-4.90958D-04	1.17012D-05	-1.15229D-06	-1.26004D-07	1.51667D-06
220	-1.58887D-04	-4.90977D-04	1.40324D-05	-1.16011D-06	-1.21550D-07	1.53667D-06
221	-1.58475D-04	-4.83002D-04	1.49970D-05	-1.16023D-06	-1.21608D-07	1.53351D-06
222	-1.55754D-04	-4.90988D-04	1.63775D-05	-1.16750D-06	-1.17041D-07	1.55840D-06
223	-1.24668D-04	-4.91253D-04	3.71984D-05	-1.35542D-06	2.67503D-08	2.14189D-06
224	-1.20328D-04	-4.91260D-04	3.99302D-05	-1.35984D-06	3.12599D-08	2.15670D-06
225	-1.19784D-04	-4.79958D-04	4.01240D-05	-1.35996D-06	3.10311D-08	2.15358D-06
226	-1.15945D-04	-4.91259D-04	4.26668D-05	-1.36387D-06	3.59882D-08	2.17290D-06
227	-1.47229D-05	-2.04359D-04	3.79996D-05	-1.65376D-06	9.70587D-07	4.85124D-06
228	1.09629D-06	-7.43673D-09	1.49391D-05	5.04048D-06	-1.87255D-06	-6.87199D-06
229	-3.08591D-05	4.69651D-05	-2.88122D-05	4.08964D-06	-1.77026D-06	-4.56118D-06
230	-4.78493D-05	4.69678D-05	-4.41499D-05	3.59758D-06	-1.70622D-06	-3.96413D-06
231	-8.30657D-10	1.48142D-04	1.54243D-10	3.28334D-06	-2.04357D-06	4.03265D-08
232	-1.28979D-05	1.25382D-04	1.43777D-04	-3.73210D-06	-7.63620D-07	-1.16180D-07
233	-1.26617D-05	1.25329D-04	1.36260D-04	-3.75504D-06	-7.61076D-07	-1.17509D-07
234	-1.68281D-05	1.45788D-04	1.37054D-04	-3.75602D-06	-7.61144D-07	-1.17557D-07
235	-1.24214D-05	1.25272D-04	1.28686D-04	-3.77657D-06	-7.58468D-07	-1.18739D-07

236	-1.96204D-11	4.68784D-05	-3.18470D-11	-1.83447D-06	1.68980D-08	1.28888D-06
237	1.27417D-06	4.68761D-05	1.82121D-06	-1.81392D-06	3.29083D-08	1.23910D-06
238	8.52460D-06	4.68722D-05	1.26227D-05	-1.78854D-06	5.35649D-08	1.17102D-06
239	8.52584D-06	3.95500D-05	1.29783D-05	-1.78854D-06	5.55746D-08	1.16489D-06
240	1.53779D-05	4.68627D-05	2.32721D-05	-1.76693D-06	6.92452D-08	1.10918D-06
241	-6.57541D-07	2.07499D-06	1.72222D-06	3.61986D-07	9.02052D-08	3.71949D-08
242	-4.57150D-07	2.15469D-06	2.01495D-07	2.59417D-07	3.28800D-08	2.18216D-08
243	-4.59446D-07	1.68775D-06	3.41674D-07	1.91209D-07	2.36118D-09	7.21945D-08
244	-2.27162D-07	7.80717D-07	-1.24516D-09	7.39578D-08	1.98733D-08	3.96797D-09
245	-1.10012D-07	3.64911D-07	-8.19562D-10	5.89564D-08	1.67372D-08	2.88565D-09
246	-1.28371D-07	3.64965D-07	3.71124D-07	5.90139D-08	1.67372D-08	2.90554D-09
247	-1.88692D-08	5.61788D-08	-4.45495D-10	3.81619D-08	1.11676D-08	1.75409D-09
248	-1.44769D-07	9.77379D-07	1.45474D-08	-7.36363D-08	-1.47199D-08	6.48645D-08
249	-6.55221D-08	5.00773D-07	9.94779D-09	-6.91506D-08	-1.11675D-08	4.66928D-08
250	-3.60190D-07	5.00846D-07	-4.26296D-07	-6.92166D-08	-1.11675D-08	4.67486D-08
251	-9.00313D-09	9.90104D-08	5.40739D-09	-4.85448D-08	-7.04142D-09	2.83829D-08
252	1.70819D-01	1.16189D-03	7.62621D-02	2.15406D-03	1.58379D-02	-7.53425D-03

M O D A L A N A L Y S I S

MODE NUMBER 21
FREQUENCY= 19.6918 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.73436D-02	-4.89255D-02	-7.51286D-03	-6.26308D-04	-3.64803D-04	2.91556D-04
3	2.48753D-02	-5.76962D-02	-1.47147D-02	-2.45552D-04	-5.95959D-05	5.13131D-04
4	1.54865D-02	-5.77058D-02	-1.88066D-02	-1.86502D-04	-1.43965D-05	5.33900D-04
5	6.24353D-03	-5.37073D-02	-1.81036D-02	2.74353D-04	-5.90994D-05	7.58015D-04
6	1.67634D-03	-2.50276D-02	-1.43643D-02	6.29784D-04	-4.96929D-05	1.05877D-03
7	2.79269D-03	3.81358D-02	-1.23149D-02	5.42652D-04	-5.28850D-05	9.11912D-04
8	6.50910D-03	8.94144D-02	-7.05149D-03	-1.58449D-04	-2.28382D-05	-3.75631D-04
9	3.33776D-03	7.04057D-03	-1.01583D-02	2.09503D-04	1.16323D-04	-6.96587D-04
10	1.33942D-03	8.69053D-07	-1.25122D-02	2.63132D-04	1.61406D-04	-6.42017D-04
11	6.16561D-03	1.44496D-02	-1.62642D-02	-5.52483D-05	-9.43205D-05	-4.25158D-04
12	5.14241D-03	-1.38191D-07	-1.64172D-02	-2.47841D-04	9.68775D-05	-2.93099D-04
13	2.33312D-03	-1.60817D-03	-1.33156D-02	-2.28609D-04	1.53799D-04	-1.15096D-04
14	2.16861D-03	1.22964D-03	1.13512D-03	1.67546D-05	-3.88514D-06	6.77758D-05
15	1.11826D-03	1.49383D-03	1.13254D-03	-5.67967D-06	2.12817D-05	4.74323D-05
16	6.97422D-04	4.70012D-04	1.48364D-03	-8.47928D-06	1.25439D-05	3.33762D-05
17	6.75512D-04	-1.07351D-03	2.01265D-03	-1.31999D-05	-5.04630D-06	2.48335D-06
18	5.92720D-04	-9.63291D-04	1.85479D-03	-1.48603D-05	-1.56282D-05	-4.50006D-06
19	3.78043D-04	-7.14252D-04	1.64423D-03	-1.43144D-05	-1.82842D-05	-7.39440D-06
20	2.53946D-04	-4.85151D-04	1.35529D-03	-1.35675D-05	-1.89167D-05	-1.02971D-05
21	2.39290D-04	5.85705D-05	4.06230D-04	-9.21060D-06	-1.41968D-05	-6.26969D-06
22	1.97943D-04	2.37131D-05	7.69658D-05	-4.01338D-06	-2.72338D-06	6.93166D-06
23	4.21075D-11	-1.48772D-11	9.97198D-12	-4.21547D-10	1.09131D-10	1.25743D-09
25	2.62816D-03	-1.97496D-04	8.49940D-04	5.88702D-06	-4.09683D-05	-1.63457D-05
26	3.59941D-03	1.27306D-04	1.66641D-03	3.83146D-05	-2.87689D-05	-7.98715D-06
27	3.68811D-03	1.26632D-04	2.09878D-03	3.85749D-05	-2.60159D-05	-7.78087D-06
28	3.81104D-03	2.98837D-05	2.88313D-03	1.37257D-05	1.63203D-05	-1.48508D-06
29	3.80979D-03	1.34185D-05	2.68843D-03	1.20769D-05	1.97123D-05	-7.84356D-07
30	3.64485D-03	-3.67778D-04	5.67236D-03	-2.01304D-05	-5.76977D-05	-2.45311D-06
31	1.92896D-04	-1.58392D-04	1.71016D-03	-6.32069D-05	3.74822D-05	4.58303D-05
32	-1.79011D-03	3.56347D-04	-2.47875D-04	-8.57161D-06	2.76080D-05	6.76047D-05
33	-2.71639D-03	8.04352D-04	-2.17708D-04	2.87998D-05	3.32366D-05	8.55267D-05
34	-4.25479D-03	-5.49580D-03	1.33583D-03	6.51605D-05	-1.71853D-05	1.52313D-04
35	-3.70785D-03	-5.35953D-03	1.15679D-03	8.08993D-05	-5.47134D-05	1.55553D-04
36	8.92898D-04	-3.25480D-02	-1.39481D-02	1.03677D-03	-7.14523D-05	5.38074D-04
37	-6.49726D-04	-4.10307D-02	-4.15095D-03	7.07776D-04	1.17139D-04	-3.45344D-05
38	4.65885D-02	-4.24265D-02	-5.39107D-03	-5.73474D-04	-2.02947D-04	-7.39581D-04
39	4.28365D-02	2.52986D-02	-1.91411D-02	-1.24923D-03	-1.92941D-04	-1.21748D-03
40	2.31926D-02	4.41007D-02	-5.59549D-03	-1.84164D-03	-3.14463D-05	-2.22474D-03
41	7.67088D-03	4.40999D-02	7.47542D-03	-1.86764D-03	-3.26468D-05	-2.14249D-03
42	-6.13132D-03	2.65985D-02	2.48295D-02	-1.94061D-03	-3.30506D-04	-1.41886D-03
43	-7.84622D-04	-5.18181D-03	2.48469D-02	-1.91283D-03	-3.12485D-04	-1.14738D-03
44	1.47366D-03	-1.47577D-02	2.30149D-02	-2.01668D-03	-1.57028D-04	-5.56895D-04
45	1.53160D-03	-1.33552D-02	-5.24448D-03	-1.00483D-03	1.68474D-05	-1.28830D-04
46	1.51347D-03	-1.32566D-02	-5.13937D-03	-9.76834D-04	6.21836D-05	-2.43183D-04
47	-2.92072D-04	1.46238D-03	8.27004D-04	-8.78348D-05	-1.21699D-05	-8.21479D-05
48	-2.43848D-04	1.61331D-03	7.48185D-04	-8.81419D-05	-1.01222D-05	-7.61265D-05
49	4.44963D-04	1.06638D-03	1.17080D-04	-3.05772D-05	6.05704D-08	-5.07569D-05
50	3.28797D-04	5.35134D-04	8.30224D-05	-1.17067D-05	8.85771D-06	-3.74667D-05
51	2.92547D-04	3.25092D-04	4.21529D-05	-1.14191D-05	8.88824D-06	-3.60816D-05

52	2.66225D-06	-1.38602D-07	4.75663D-07	-2.38006D-08	2.81382D-07	-9.10747D-07
53	1.32522D-12	-1.15696D-12	8.24994D-13	-1.03154D-12	2.43853D-11	-1.05254D-10
54	-1.91636D-03	2.68061D-06	-2.31815D-03	-1.04529D-04	-1.10428D-04	6.22701D-05
55	1.47893D-03	-3.04745D-03	-1.26282D-03	-1.02336D-04	-7.16492D-05	2.62532D-05
56	1.30835D-03	-4.08131D-03	-7.77663D-04	-6.89102D-05	1.16938D-04	-1.86288D-05
57	1.24662D-03	4.19398D-05	-4.89951D-04	-6.80957D-05	-9.09539D-05	-3.03586D-05
58	9.24690D-04	2.13509D-04	-3.38529D-04	-8.79749D-05	-3.46725D-05	-7.46283D-05
59	-3.68266D-04	2.70730D-04	1.08605D-03	-9.29718D-05	-1.16678D-05	-8.65727D-05
60	1.11391D-02	7.20464D-03	4.80313D-03	8.19093D-04	-1.03508D-04	-1.50811D-04
61	4.11914D-03	2.44489D-02	2.27370D-02	2.35359D-04	-3.66394D-04	6.04402D-04
62	6.13648D-02	-1.23134D-02	4.72115D-02	-2.17546D-03	-1.40576D-03	9.81686D-04
63	8.59925D-02	-3.73830D-02	9.48638D-02	-3.93260D-03	-4.78168D-03	2.46254D-04
64	8.49894D-02	2.19423D-02	4.65241D-01	-6.62942D-03	-4.41882D-03	1.64613D-03
65	7.84704D-03	7.72055D-02	3.70655D-01	-1.03217D-02	-4.76056D-04	6.64266D-03
66	-1.95830D-01	7.70195D-02	5.54927D-02	-1.03525D-02	2.79835D-04	6.57826D-03
67	-2.74246D-01	9.73995D-03	-7.90357D-02	-6.52880D-03	-8.77404D-04	4.82984D-03
68	-8.36041D-02	-2.42550D-01	2.85616D-02	1.41745D-03	-1.70839D-03	-2.48482D-03
69	-6.97240D-02	-2.30987D-01	3.20918D-02	2.90576D-03	-1.84561D-03	-2.56559D-03
70	-3.89955D-03	-1.03306D-01	3.15495D-02	2.89142D-03	-1.05706D-03	-4.43260D-03
71	-2.93174D-02	-2.13849D-01	2.90577D-02	2.64837D-03	-6.46998D-05	-4.24261D-03
72	-6.56471D-02	-2.32485D-01	5.09989D-03	8.54428D-04	-4.51462D-04	-1.26374D-03
73	-5.40806D-02	-2.34961D-01	2.80005D-02	-7.53337D-04	5.13212D-05	1.15098D-03
74	-1.47020D-02	-1.87888D-01	3.87845D-02	-8.90602D-04	5.36901D-04	2.59304D-03
76	-3.49561D-03	2.25445D-02	-1.56251D-03	2.59571D-03	-1.00822D-03	-2.66973D-03
77	-3.17280D-03	6.93249D-02	-2.71139D-02	2.41610D-03	-9.59379D-04	-1.49963D-03
78	-5.99157D-04	7.45365D-02	-5.24434D-03	1.75533D-03	-1.02748D-03	-1.36041D-04
79	-4.65192D-03	6.29916D-02	5.64914D-02	-2.04637D-03	-3.23475D-04	-3.49662D-06
80	-2.67152D-04	9.15348D-03	1.22580D-04	-7.64651D-04	-3.53661D-05	1.25702D-05
82	8.39890D-03	2.25090D-02	1.33809D-02	-9.35811D-04	3.64787D-05	5.42476D-04
83	8.60519D-03	1.98432D-02	1.70283D-02	-7.69027D-04	3.37696D-04	-5.25091D-04
84	6.51379D-03	4.94732D-03	1.11089D-02	-4.82310D-04	3.38500D-04	-6.95300D-04
85	3.35191D-03	1.13019D-03	1.03649D-02	4.61293D-05	3.62504D-04	-2.34969D-04
86	-2.17809D-04	9.85151D-04	1.66855D-04	1.48986D-04	1.77139D-05	2.12847D-05
87	-1.84784D-04	7.68998D-04	2.75015D-05	1.16273D-04	1.68504D-05	-1.02299D-05
88	-1.18001D-04	3.97975D-04	-8.08735D-07	3.90177D-05	9.97791D-06	3.93878D-06
90	-1.66164D-04	6.86341D-04	6.37471D-05	3.88197D-05	-2.86057D-05	5.12357D-05
91	-7.08212D-05	5.35709D-04	9.05492D-06	-3.45331D-05	-7.89166D-06	3.95822D-05
93	4.42047D-03	-7.52844D-03	-1.24475D-03	-3.69099D-04	-2.34979D-04	1.39017D-04
94	1.99998D-02	-3.51625D-02	-5.50762D-03	-6.15648D-04	-3.72895D-04	2.64107D-04
95	1.42025D-03	-3.85185D-02	-1.48267D-02	5.66609D-04	-5.69910D-05	1.06237D-03
96	1.23457D-03	-2.85730D-02	-1.41311D-02	9.52398D-04	-6.12442D-05	7.00573D-04
97	1.91033D-03	-1.10046D-02	-1.39383D-02	6.35833D-04	-4.58709D-05	1.07292D-03
98	2.08644D-03	-1.27570D-07	-1.36166D-02	6.29228D-04	-4.50588D-05	1.06306D-03
99	6.56904D-03	6.03809D-02	-6.90930D-03	-3.35218D-04	2.08553D-05	-8.17783D-04
100	5.82158D-03	3.62566D-02	-7.59363D-03	-2.63214D-04	5.47980D-05	-9.11436D-04
101	4.15731D-03	1.23876D-02	-9.31997D-03	4.32887D-05	9.92313D-05	-7.96299D-04
102	2.18004D-03	2.56030D-03	-1.15338D-02	2.26503D-04	1.52309D-04	-6.79012D-04
103	8.43310D-03	7.11645D-03	-4.96624D-03	5.80265D-04	1.51509D-05	-4.07805D-04
104	6.99377D-03	1.36656D-02	-1.63617D-02	-1.64379D-04	-3.97086D-05	-4.38472D-04
105	7.52217D-03	9.57068D-03	-1.64243D-02	-2.35315D-04	9.05642D-06	-4.46054D-04
106	2.04167D-02	8.52122D-03	-2.39125D-02	-2.77074D-04	1.25689D-05	-4.80457D-04
107	6.68952D-03	4.48652D-03	-1.64219D-02	-2.43980D-04	5.54435D-05	-3.83664D-04
108	2.32502D-03	-8.15621D-04	-1.20586D-02	-2.12853D-04	1.53361D-04	-9.83770D-05
109	1.37807D-03	-1.28724D-03	-1.21001D-02	-1.44007D-05	1.14367D-04	-4.61360D-05
110	1.06024D-03	-1.21116D-03	-1.21177D-02	2.74521D-06	9.55616D-05	-2.37469D-05
111	6.77818D-04	-1.15916D-03	-1.21455D-02	-5.35027D-05	6.31484D-05	1.17023D-05
112	3.64086D-04	-1.66790D-03	-1.21673D-02	-1.64304D-04	3.98830D-05	3.45413D-05
113	-1.30979D-03	-2.96846D-03	-3.28572D-02	-1.04111D-03	-1.14124D-05	7.41277D-05
114	1.30612D-04	-1.92439D-03	-1.21682D-02	2.60745D-05	3.83739D-05	3.45885D-05
115	3.16893D-05	-1.62792D-03	-1.21687D-02	1.33241D-04	3.75388D-05	3.46290D-05

116	-9.29165D-05	-9.11822D-04	-1.21693D-02	2.20789D-04	3.68745D-05	3.46811D-05
117	-2.16084D-04	-6.76751D-08	-1.21695D-02	2.49161D-04	3.66743D-05	3.46811D-05
118	-2.73990D-07	-9.11824D-04	-1.28544D-02	2.93761D-04	3.65346D-05	3.57960D-05
119	-4.95916D-04	1.90051D-03	-1.21698D-02	2.49270D-04	3.67029D-05	3.46811D-05
120	1.96608D-04	-9.11820D-04	-1.47241D-02	3.85272D-04	3.58387D-05	3.72056D-05
121	2.51623D-04	8.54492D-05	-1.62574D-02	3.90408D-04	3.57871D-05	3.72848D-05
122	2.31490D-03	3.01468D-07	-1.04828D-02	-1.95751D-04	1.48847D-04	-8.50868D-05
123	2.29531D-03	1.46635D-03	-7.78691D-03	-1.63256D-04	1.34426D-04	-6.68089D-05
124	2.24375D-03	3.36205D-03	-2.35344D-03	-8.11644D-05	8.65227D-05	-7.63081D-06
125	2.23263D-03	3.37178D-03	-1.53950D-03	-6.40620D-05	7.37750D-05	6.79240D-06
126	2.21444D-03	3.04137D-03	-1.54627D-04	-4.28546D-05	5.57844D-05	2.55338D-05
127	1.47843D-03	2.95085D-03	-1.35582D-03	-4.47888D-05	5.55672D-05	2.29520D-05
128	2.19217D-03	2.24438D-03	8.33259D-04	-1.77130D-05	3.36899D-05	4.61861D-05
129	2.18390D-03	1.92892D-03	1.01222D-03	-5.54795D-06	2.11663D-05	5.45065D-05
130	1.88320D-03	9.07521D-04	1.14006D-03	3.73107D-05	-3.35484D-05	8.62880D-05
131	2.16616D-03	1.38667D-03	1.13497D-03	1.22859D-05	2.82846D-06	6.48314D-05
132	6.94130D-04	2.52459D-08	1.65009D-03	-9.23820D-06	1.07318D-05	2.78202D-05
133	2.49858D-04	-3.16012D-04	1.06633D-03	-1.23397D-05	-1.83582D-05	-1.06356D-05
134	9.13201D-04	-2.95941D-08	1.14756D-03	6.43128D-05	-6.41394D-05	1.14898D-04
135	-2.48728D-04	-1.15380D-03	1.15402D-03	8.21967D-05	-7.62266D-05	1.40142D-04
136	-1.94200D-03	-3.02869D-03	1.16089D-03	9.03380D-05	-7.29408D-05	1.61010D-04
137	-6.70152D-03	-3.46949D-03	3.64804D-03	9.70690D-05	-7.32579D-05	1.73074D-04
138	-3.35580D-03	-4.86063D-03	1.15792D-03	8.40166D-05	-6.09024D-05	1.57343D-04
139	-4.18571D-03	-2.78612D-03	1.25869D-03	4.40920D-05	1.77641D-05	1.33500D-04
140	-3.18719D-03	-9.98769D-08	2.54599D-04	3.29662D-05	3.33111D-05	9.93719D-05
141	-2.90683D-03	4.94841D-04	-2.65841D-05	3.10795D-05	3.32323D-05	9.00639D-05
142	-2.94767D-03	8.35417D-04	-6.09658D-05	2.17451D-05	-1.22185D-05	1.24616D-05
143	-2.90279D-03	8.69564D-04	-1.33413D-05	2.42622D-05	-2.74009D-05	-1.42731D-05
144	-2.77365D-03	8.42158D-04	1.20113D-04	3.62805D-05	-4.60588D-05	-4.85805D-05
145	-2.55803D-03	7.70274D-04	3.39110D-04	5.12197D-05	-5.32090D-05	-6.34879D-05
146	-1.53735D-03	9.07845D-04	3.41533D-03	1.42691D-04	-5.12352D-05	-2.28386D-05
147	-2.32085D-03	6.07580D-04	5.76551D-04	3.10403D-05	-5.74916D-05	-8.41725D-05
148	-2.21057D-03	4.74365D-04	6.86960D-04	1.97302D-05	-5.99125D-05	-9.59158D-05
149	-2.06343D-03	2.52097D-04	8.34257D-04	1.05607D-05	-6.18851D-05	-1.05642D-04
150	-1.91290D-03	1.02340D-08	9.84843D-04	7.51681D-06	-6.25753D-05	-1.08686D-04
151	-2.36363D-03	2.52099D-04	8.12283D-04	6.58856D-06	-5.93461D-05	-1.21487D-04
152	-1.57557D-03	-5.45705D-04	1.32223D-03	7.49461D-06	-6.25650D-05	-1.08708D-04
153	-3.07983D-03	2.52101D-04	7.92678D-04	1.61447D-06	-5.41472D-05	-1.41376D-04
154	-3.54243D-03	-3.10600D-06	8.84789D-04	1.33547D-06	-5.37621D-05	-1.42492D-04
155	-1.61690D-03	1.02139D-07	-7.62462D-05	-1.75674D-05	2.67944D-05	6.39132D-05
156	-8.91165D-04	-5.22017D-04	6.41855D-04	-5.23369D-05	2.88179D-05	5.21280D-05
157	-4.57058D-04	-4.48777D-04	1.08145D-03	-5.99926D-05	3.20446D-05	5.17623D-05
158	-1.88193D-03	-2.65274D-04	-6.02792D-04	-6.10177D-05	3.19118D-05	5.50212D-05
159	-8.94515D-05	-2.27317D-04	1.59056D-03	-6.25013D-05	3.54545D-05	4.78411D-05
160	4.64643D-04	-4.62589D-08	1.97603D-03	-6.29145D-05	4.05314D-05	4.34423D-05
161	2.28242D-03	3.82448D-04	4.11100D-03	-5.13223D-05	2.69952D-05	3.48193D-05
162	2.88311D-03	9.80310D-10	5.02930D-03	-3.91533D-05	1.48264D-05	2.25201D-05
163	2.98886D-03	-1.01117D-04	5.26630D-03	-3.70556D-05	2.45619D-05	1.94994D-05
164	3.12023D-03	-1.67459D-04	5.62048D-03	-3.56092D-05	3.14859D-05	1.73805D-05
165	3.65455D-03	-4.10908D-04	7.41164D-03	-2.77229D-05	5.58777D-06	5.99893D-06
166	4.14605D-02	-4.24073D-02	-1.41266D-03	-5.62711D-04	-1.99476D-04	-7.30891D-04
167	5.42034D-02	-4.21219D-02	-1.12490D-02	-5.76839D-04	-2.02944D-04	-7.55806D-04
168	4.62236D-02	-3.57582D-02	-6.99057D-03	-5.83700D-04	-2.05341D-04	-7.27807D-04
169	4.54926D-02	-2.52937D-02	-9.66966D-03	-6.95787D-04	-2.11240D-04	-6.89893D-04
170	4.34805D-02	9.48218D-03	-1.68963D-02	-1.09339D-03	-1.96884D-04	-9.95382D-04
171	4.06911D-02	9.48355D-03	-1.33445D-02	-1.05626D-03	-1.96884D-04	-7.21517D-04
172	3.89904D-02	9.48462D-03	-1.05369D-02	-1.03634D-03	-1.96884D-04	-5.69806D-04
173	3.61419D-02	9.48514D-03	-5.23477D-03	-1.03410D-03	-1.96884D-04	-5.51290D-04
174	3.24536D-02	9.48525D-03	1.74717D-03	-1.03447D-03	-1.96884D-04	-5.44388D-04
175	4.31577D-02	1.69681D-02	-1.80253D-02	-1.17056D-03	-1.94550D-04	-1.10290D-03

176	1.63402D-02	4.41005D-02	-2.76780D-08	-1.85530D-03	-3.19608D-05	-2.19627D-03
177	1.49311D-03	-6.71232D-09	1.47725D-02	-1.74282D-03	-1.84436D-04	-3.32708D-05
178	1.51516D-03	-1.00653D-02	5.01699D-09	-1.36905D-03	-1.65459D-04	1.75543D-04
179	-1.68029D-03	-1.24063D-08	5.38923D-03	-6.68949D-04	4.59936D-05	-3.04867D-04
180	-1.55480D-04	-4.94396D-03	5.00591D-04	-3.93766D-04	-3.02170D-05	-8.24057D-05
181	-8.96750D-05	-5.20044D-03	2.93254D-04	-3.62353D-04	-1.50661D-05	-9.58812D-05
182	-4.09521D-04	-6.21153D-04	1.22917D-03	-9.89100D-05	-8.02454D-06	-9.12628D-05
183	-3.92970D-04	-2.13214D-04	1.17135D-03	-9.61744D-05	-9.59106D-06	-8.93210D-05
184	2.54136D-04	2.71628D-04	4.06555D-04	-8.97882D-05	-2.23749D-05	-8.04963D-05
185	-3.39195D-04	7.40592D-04	9.87141D-04	-9.09498D-05	-1.20758D-05	-8.49452D-05
186	2.50021D-04	5.89694D-04	2.94504D-04	-6.28628D-05	-6.07019D-06	-6.20780D-05
187	2.94501D-04	5.38016D-04	2.52743D-04	-5.82535D-05	-5.34018D-06	-6.13211D-05
188	3.31855D-04	5.20411D-04	2.19492D-04	-5.35514D-05	-4.63585D-06	-6.09459D-05
189	3.10723D-04	4.30314D-04	6.28751D-05	-1.15561D-05	8.88696D-06	-3.67693D-05
190	3.72249D-03	-3.35939D-09	3.92374D-08	-9.94530D-06	-4.29664D-05	-3.27815D-06
191	3.80627D-03	2.77201D-09	2.28385D-03	9.95499D-06	2.61401D-05	-2.75293D-07
192	3.80770D-03	3.90273D-06	2.44765D-03	1.07431D-05	2.38004D-05	-5.22708D-07
193	3.77650D-03	1.25761D-05	2.79048D-03	7.46116D-06	9.38885D-06	9.40195D-06
194	1.93976D-03	-1.75834D-04	6.04666D-04	2.94238D-06	-4.05654D-05	-1.38228D-05
195	4.82670D-04	-6.27896D-05	1.52647D-04	-6.71088D-07	-2.58979D-05	-6.64129D-06
196	-1.47964D-03	2.84106D-06	-1.59365D-03	-1.02783D-04	-1.09125D-04	6.25124D-05
197	-2.51060D-03	-2.83800D-05	-3.36627D-03	-1.05566D-04	-1.10389D-04	6.30436D-05
198	-1.03569D-03	-6.76165D-04	-2.04770D-03	-1.04767D-04	-1.10919D-04	6.03490D-05
199	9.80655D-04	-4.06189D-03	2.99842D-04	-6.67294D-05	1.25600D-04	-2.73998D-05
200	3.11081D-04	-3.78194D-03	2.50175D-03	-6.26763D-05	1.23839D-04	-4.39306D-05
201	1.47378D-04	-3.78216D-03	2.73147D-03	-7.45424D-05	1.28248D-04	-5.30478D-05
202	3.36778D-05	-3.78228D-03	2.89159D-03	-7.97025D-05	1.30994D-04	-5.58765D-05
203	-3.49909D-04	-3.66785D-03	3.73947D-03	-8.71648D-05	1.33187D-04	-5.55959D-05
204	-6.35303D-04	-3.44166D-03	4.67109D-03	-8.82546D-05	1.13266D-04	-6.19267D-05
205	-8.40312D-04	-3.20458D-03	5.33910D-03	-9.12318D-05	1.00006D-04	-6.08110D-05
206	-3.15331D-04	-3.20351D-03	4.56202D-03	-5.93653D-05	1.03294D-04	-5.68160D-05
207	-1.04750D-03	-1.62460D-03	6.97038D-03	-5.98420D-05	1.83031D-05	-5.57974D-05
208	1.10325D-03	-1.27172D-09	-2.21432D-05	-6.83234D-05	-9.48952D-05	-2.95402D-05
209	1.15027D-02	3.01531D-02	2.61572D-02	-2.15633D-04	-5.25606D-04	7.29855D-04
210	1.59328D-02	3.06716D-02	2.79993D-02	-2.72810D-04	-5.43019D-04	7.37694D-04
211	-1.11264D-04	3.13359D-02	2.29511D-02	-2.54256D-04	-5.43673D-04	7.38677D-04
212	2.04956D-02	3.05631D-02	2.98826D-02	-3.49317D-04	-5.62283D-04	7.44806D-04
213	5.19708D-02	-1.29723D-07	4.32875D-02	-1.90527D-03	-1.22804D-03	9.34752D-04
214	-2.72166D-01	2.82489D-07	-7.78649D-02	-6.37787D-03	-8.89589D-04	4.70248D-03
215	-1.62105D-02	-1.32953D-01	3.16817D-02	-3.10616D-03	-1.38348D-03	-3.98898D-03
216	-3.77365D-03	-5.69937D-02	2.10459D-02	2.79901D-03	-1.04297D-03	-4.17066D-03
217	-3.91766D-03	-1.50946D-01	4.05039D-02	2.75894D-03	-8.77055D-04	-4.64392D-03
218	-7.27809D-02	-2.32691D-01	6.78509D-07	7.12457D-04	-4.23703D-04	-1.10439D-03
219	-8.20470D-02	-2.34803D-01	8.01934D-03	-6.36101D-04	-5.35828D-05	7.68702D-04
220	-8.04881D-02	-2.34813D-01	9.30621D-03	-6.40067D-04	-5.12612D-05	7.78691D-04
221	-8.02817D-02	-2.30782D-01	9.75312D-03	-6.40129D-04	-5.13066D-05	7.77107D-04
222	-7.89006D-02	-2.34819D-01	1.05998D-02	-6.43791D-04	-4.88963D-05	7.89548D-04
223	-6.31836D-02	-2.34963D-01	2.19933D-02	-7.36072D-04	2.65109D-05	1.07891D-03
224	-6.09966D-02	-2.34967D-01	2.34767D-02	-7.38143D-04	2.88758D-05	1.08617D-03
225	-6.07255D-02	-2.29285D-01	2.35180D-02	-7.38209D-04	2.87326D-05	1.08461D-03
226	-5.87885D-02	-2.34966D-01	2.49617D-02	-7.40010D-04	3.13777D-05	1.09412D-03
227	-8.08165D-03	-9.73569D-02	2.09066D-02	-7.96491D-04	5.35215D-04	2.30883D-03
228	-3.59766D-03	-3.79186D-06	6.63456D-03	2.67021D-03	-1.02178D-03	-3.29327D-03
229	-1.89402D-02	2.25480D-02	-1.67118D-02	2.16667D-03	-9.53628D-04	-2.18982D-03
230	-2.70911D-02	2.25499D-02	-2.48357D-02	1.90423D-03	-9.19377D-04	-1.89858D-03
231	-5.25021D-07	7.44268D-02	4.82082D-08	1.73890D-03	-1.01939D-03	-1.31610D-04
232	-4.65556D-03	6.32859D-02	7.35171D-02	-1.93251D-03	-3.38526D-04	3.44806D-06
233	-4.66127D-03	6.32593D-02	6.96240D-02	-1.94419D-03	-3.37173D-04	2.75530D-06
234	-6.49253D-03	7.38372D-02	7.00495D-02	-1.94471D-03	-3.37195D-04	2.73025D-06
235	-4.66502D-03	6.32314D-02	6.57014D-02	-1.95510D-03	-3.35799D-04	2.09630D-06

236	-9.59380D-09	2.25191D-02	-1.63468D-08	-9.81655D-04	2.19159D-06	6.55479D-04
237	6.48192D-04	2.25180D-02	9.74849D-04	-9.70404D-04	1.07544D-05	6.30905D-04
238	4.34267D-03	2.25163D-02	6.75275D-03	-9.56331D-04	2.18020D-05	5.97301D-04
239	4.34334D-03	1.87808D-02	6.90023D-03	-9.56331D-04	2.29245D-05	5.94246D-04
240	7.84123D-03	2.25117D-02	1.24453D-02	-9.44050D-04	3.00702D-05	5.66912D-04
241	-2.98750D-04	9.97670D-04	8.99569D-04	1.91191D-04	4.73443D-05	1.36905D-05
242	-2.16448D-04	1.03167D-03	9.85406D-05	1.34799D-04	1.69902D-05	9.14985D-06
243	-2.17652D-04	8.15857D-04	1.72121D-04	1.02008D-04	1.50741D-06	3.33612D-05
244	-1.06611D-04	3.57680D-04	-6.72964D-07	3.44252D-05	9.33903D-06	3.24520D-06
245	-5.16086D-05	1.65930D-04	-4.44958D-07	2.71445D-05	7.85794D-06	2.35034D-06
246	-6.65133D-05	1.65955D-04	1.70816D-04	2.71723D-05	7.85794D-06	2.36116D-06
247	-8.84028D-06	2.49182D-05	-2.41869D-07	1.74621D-05	5.24092D-06	1.42869D-06
248	-6.33533D-05	4.87805D-04	7.62024D-06	-3.65504D-05	-6.63421D-06	3.25215D-05
249	-2.82443D-05	2.50407D-04	5.21091D-06	-3.44644D-05	-4.93403D-06	2.34118D-05
250	-1.75997D-04	2.50446D-04	-2.12226D-04	-3.44989D-05	-4.93403D-06	2.34404D-05
251	-3.65707D-06	4.97213D-05	2.83253D-06	-2.42374D-05	-3.07439D-06	1.42312D-05
252	9.00431D-07	-1.50563D-03	-1.72497D-03	-1.05040D-04	-1.02884D-04	4.75810D-05

M O D A L A N A L Y S I S

MODE NUMBER 22
FREQUENCY= 20.3139 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-3.37343D-02	-2.34948D-02	8.72799D-03	-3.14206D-04	5.59561D-04	-4.82806D-05
3	-4.25027D-02	-2.53186D-02	1.15825D-02	3.05257D-04	8.47902D-04	-1.77572D-04
4	-3.89836D-02	-2.53298D-02	1.74757D-02	3.88477D-04	9.05685D-04	-2.14972D-04
5	-3.67989D-02	-2.46534D-02	2.36564D-02	1.09252D-03	7.44581D-04	-3.59770D-04
6	-4.21581D-02	-1.27914D-02	1.75912D-02	1.64320D-03	5.46911D-04	-2.27745D-04
7	-5.43766D-02	1.37833D-02	-5.58446D-03	1.36908D-03	3.82654D-04	-3.98708D-04
8	-5.49054D-02	2.07511D-02	-1.11952D-02	7.27055D-04	-1.79015D-04	-9.09732D-04
9	-6.20248D-02	-1.08169D-03	-1.97094D-02	7.76546D-04	1.82011D-04	-7.52082D-04
10	-6.39295D-02	2.27571D-07	-2.18111D-02	7.83301D-04	6.35948D-05	-6.25693D-04
11	-1.28637D-02	3.16174D-02	-8.68132D-03	-2.45849D-04	-5.74346D-04	-3.85169D-04
12	1.81914D-02	4.90283D-07	-8.72873D-03	-4.67436D-04	-3.18491D-04	-3.15426D-04
13	2.21697D-02	-3.10748D-03	-1.03765D-02	-3.18921D-04	4.78773D-05	-1.96650D-04
14	2.21137D-02	4.28173D-03	5.10302D-03	9.16456D-05	-5.40066D-05	7.46487D-05
15	1.38498D-02	3.32277D-03	5.09394D-03	-7.76355D-05	1.88460D-04	5.46402D-05
16	9.85609D-03	3.28904D-04	8.64697D-03	-1.00124D-04	1.38052D-04	2.69700D-05
17	9.64694D-03	2.59785D-03	1.55140D-02	-1.15365D-04	-2.71244D-05	-4.37781D-05
18	8.99816D-03	3.89761D-03	1.43448D-02	-1.14868D-04	-1.24380D-04	-2.87571D-05
19	7.24620D-03	5.53693D-03	1.26355D-02	-1.14539D-04	-1.47299D-04	-1.54270D-05
20	6.23949D-03	6.22996D-03	1.03372D-02	-1.03415D-04	-1.46376D-04	1.75921D-05
21	6.08454D-03	3.46229D-03	3.30370D-03	-8.09515D-05	-9.88527D-05	9.09348D-05
22	3.29871D-03	2.91945D-04	8.28603D-04	-4.09112D-05	-1.11129D-05	1.37471D-04
23	4.63882D-10	-1.33305D-11	7.74786D-11	-4.72752D-09	2.89265D-09	1.91087D-08
25	7.68611D-02	-6.51171D-03	2.50654D-02	2.48783D-04	-1.18176D-03	-5.38862D-04
26	1.03449D-01	9.33448D-03	5.89077D-02	1.78893D-03	-7.70523D-04	-1.83443D-04
27	1.05471D-01	9.30348D-03	7.90817D-02	1.80754D-03	-6.81526D-04	-1.82076D-04
28	1.09554D-01	4.76858D-03	1.12900D-01	9.97929D-04	7.68751D-04	-1.77151D-04
29	1.09507D-01	2.73941D-03	1.03920D-01	9.38863D-04	8.90819D-04	-1.56752D-04
30	1.04253D-01	-2.51526D-03	2.23883D-01	7.03050D-05	-2.21431D-03	-3.07267D-05
31	-2.69137D-02	-9.71864D-04	3.00955D-02	-8.31455D-04	5.09415D-04	7.63653D-04
32	-3.34321D-02	1.62344D-03	2.41433D-02	-2.43622D-04	-1.82546D-04	4.96205D-04
33	-2.65510D-02	2.12921D-03	2.40856D-02	1.22035D-04	-2.32192D-04	3.38532D-04
34	-8.93326D-03	-1.48741D-02	6.88455D-03	1.37727D-04	-2.76662D-04	3.10533D-04
35	-4.22122D-03	-1.42024D-02	5.08204D-03	2.00752D-04	-3.39075D-04	2.64640D-04
36	-3.67879D-02	-5.47110D-02	1.46934D-02	2.86992D-03	2.98054D-04	-1.29509D-03
37	-2.03656D-02	-8.81874D-02	4.00989D-02	1.80286D-03	1.85567D-04	-1.69299D-03
38	2.06442D-01	-9.22060D-02	-2.26722D-02	-2.61013D-03	-9.60541D-04	-2.38276D-03
39	1.88595D-01	1.32199D-01	-8.84357D-02	-5.69068D-03	-9.33566D-04	-4.33770D-03
40	1.06005D-01	2.09650D-01	-2.60316D-02	-8.56623D-03	-1.60530D-04	-9.53868D-03
41	3.93546D-02	2.09650D-01	3.48076D-02	-8.69373D-03	-1.61737D-04	-9.18919D-03
42	-1.98405D-02	1.28198D-01	1.15640D-01	-9.02291D-03	-1.40043D-03	-6.10521D-03
43	2.69257D-03	-1.95534D-02	1.15732D-01	-8.89663D-03	-1.30585D-03	-4.94730D-03
44	1.17003D-02	-6.63181D-02	1.08779D-01	-9.30548D-03	-5.61634D-04	-2.44623D-03
45	1.18829D-02	-5.34844D-02	-3.91961D-02	-4.82506D-03	1.27006D-05	-5.98106D-04
46	1.17886D-02	-5.31290D-02	-3.87137D-02	-4.70157D-03	3.53156D-04	-1.10035D-03
47	6.84377D-04	1.03453D-02	-1.75953D-03	-6.61679D-04	2.07690D-05	-5.15338D-04
48	5.89435D-04	1.09979D-02	-1.60156D-03	-6.33413D-04	2.14241D-05	-5.14110D-04
49	9.19821D-05	7.60469D-03	-1.03262D-03	-2.03799D-04	-1.90740D-05	-3.35060D-04
50	8.88513D-04	3.61739D-03	-9.11574D-04	-1.15763D-04	-3.62182D-05	-2.24376D-04
51	1.03844D-03	2.18484D-03	-7.41857D-04	-1.16327D-04	-3.42090D-05	-2.12179D-04

52	3.72287D-06	-1.13781D-06	-1.09848D-05	-1.48948D-06	-4.95519D-06	-4.73989D-06
53	-9.07811D-12	-9.49777D-12	-1.26215D-11	-1.93042D-10	-4.29430D-10	-5.15835D-10
54	-2.01792D-02	2.50232D-03	-1.65241D-02	-2.57392D-03	-9.39917D-04	1.33901D-03
55	9.10754D-03	-7.39183D-02	-7.38882D-03	-2.49298D-03	-6.30509D-04	5.71493D-04
56	8.84316D-03	-9.81366D-02	-4.41104D-03	-1.56180D-03	7.03872D-04	-4.40356D-04
57	1.32813D-02	1.04211D-03	-1.85305D-02	-7.74518D-04	-4.73948D-04	-4.47451D-04
58	9.40339D-03	3.22746D-03	-1.39843D-02	-7.61403D-04	-1.40611D-04	-5.34576D-04
59	7.98120D-04	3.72379D-03	-2.17380D-03	-7.16644D-04	1.32262D-05	-5.33472D-04
60	-4.53925D-02	-1.15448D-03	6.20553D-05	9.13221D-04	6.89729D-05	-7.78242D-04
61	-2.94784D-02	2.53233D-03	1.35817D-02	4.90678D-04	-2.27820D-04	-1.21100D-03
62	-1.83256D-02	6.74609D-04	1.81572D-02	4.49942D-04	5.71639D-05	-8.45767D-04
63	-2.16533D-02	7.60972D-04	1.05826D-02	9.14890D-04	8.92616D-04	-1.21756D-04
64	-2.15051D-02	-2.91713D-03	-6.24301D-02	1.12826D-03	9.13128D-04	-1.20920D-04
65	-9.63787D-03	-1.03529D-02	-5.09775D-02	1.54830D-03	3.28728D-04	-1.12563D-03
66	2.54136D-02	-1.02886D-02	-4.15618D-03	1.53665D-03	1.72682D-04	-1.14637D-03
67	3.81875D-02	-1.25346D-03	1.51346D-02	1.02900D-03	2.13216D-04	-9.59957D-04
68	8.22974D-03	2.29140D-02	-2.01957D-03	-9.62384D-05	2.01866D-04	9.22520D-05
69	6.73300D-03	2.17631D-02	-2.41736D-03	-2.60852D-04	1.85483D-04	1.20284D-04
70	3.05267D-04	9.78118D-03	-2.38389D-03	-2.73946D-04	1.04691D-04	4.09076D-04
71	2.73465D-03	2.02013D-02	-2.51869D-03	-2.42839D-04	3.22573D-05	4.07251D-04
72	6.22152D-03	2.19964D-02	-4.82455D-04	-8.18079D-05	6.71206D-05	1.19192D-04
73	4.76239D-03	2.22527D-02	-1.59489D-03	6.10074D-05	1.28151D-05	-1.13042D-04
74	1.08688D-03	1.78006D-02	-2.78632D-03	7.86400D-05	-3.58764D-05	-2.47008D-04
76	2.71739D-04	-2.16106D-03	7.38977D-04	-2.48955D-04	9.15526D-05	2.56025D-04
77	2.45002D-04	-6.71587D-03	2.99150D-03	-2.34488D-04	8.34063D-05	1.46626D-04
78	4.41886D-05	-7.22719D-03	5.25896D-04	-1.75459D-04	8.34162D-05	9.42767D-06
79	4.04342D-04	-6.14091D-03	-5.55448D-03	2.03521D-04	2.72073D-05	1.17046D-06
80	2.33708D-05	-8.82465D-04	-1.29862D-05	7.40543D-05	3.00673D-06	-8.56936D-07
82	-7.97941D-04	-2.16006D-03	-1.37279D-03	9.59549D-05	-8.28720D-06	-5.15324D-05
83	-8.08297D-04	-1.89826D-03	-1.72575D-03	7.76053D-05	-3.70021D-05	4.92733D-05
84	-5.81956D-04	-4.70308D-04	-1.08559D-03	4.84751D-05	-3.64106D-05	6.56230D-05
85	-2.79517D-04	-1.07633D-04	-1.00295D-03	-3.76217D-06	-3.80330D-05	2.12832D-05
86	2.14801D-05	-9.38309D-05	-1.64798D-05	-1.46298D-05	-1.85859D-06	-2.37525D-06
87	1.82776D-05	-7.47652D-05	-2.60226D-06	-1.13880D-05	-1.62687D-06	8.59495D-07
88	1.17790D-05	-3.86841D-05	1.09802D-07	-3.80394D-06	-9.90095D-07	-4.60134D-07
90	1.63236D-05	-6.38667D-05	-6.40569D-06	-4.01197D-06	2.86037D-06	-4.99281D-06
91	6.82765D-06	-5.02681D-05	-9.25486D-07	3.20265D-06	7.71229D-07	-3.85438D-06
93	-4.65070D-03	-3.89702D-03	1.14492D-03	-2.01673D-04	2.60701D-04	1.10875D-05
94	-2.33671D-02	-1.73319D-02	6.01099D-03	-3.20649D-04	5.00880D-04	-2.02241D-05
95	-3.92247D-02	-1.90510D-02	2.30858D-02	1.52045D-03	5.54408D-04	-1.96195D-04
96	-3.84928D-02	-3.56135D-02	1.56166D-02	2.59720D-03	3.79610D-04	-9.90942D-04
97	-4.50446D-02	-5.53007D-03	1.21511D-02	1.61715D-03	5.39072D-04	-2.04735D-04
98	-4.72497D-02	-6.48835D-07	7.98678D-03	1.57365D-03	5.22085D-04	-2.29319D-04
99	-5.02501D-02	1.13235D-02	-7.25503D-03	6.24811D-04	5.04518D-05	-9.70311D-04
100	-5.38841D-02	4.48695D-03	-1.13755D-02	6.34536D-04	2.46436D-04	-9.34577D-04
101	-6.02477D-02	-6.56014D-04	-1.78754D-02	7.24890D-04	2.35992D-04	-8.14178D-04
102	-6.33815D-02	-6.22708D-04	-2.11849D-02	7.79883D-04	1.18718D-04	-6.75631D-04
103	-5.44582D-02	-1.11525D-03	-1.09957D-02	8.68734D-04	1.29988D-04	-7.59126D-04
104	-7.97291D-03	2.90053D-02	-8.74197D-03	-3.97489D-04	-5.18502D-04	-4.01219D-04
105	2.60844D-03	1.97545D-02	-8.78095D-03	-4.88718D-04	-4.65566D-04	-4.10359D-04
106	1.42481D-02	1.88487D-02	-2.19527D-02	-5.29516D-04	-4.62135D-04	-4.33892D-04
107	1.17199D-02	9.05872D-03	-8.75673D-03	-5.00772D-04	-4.04012D-04	-3.71636D-04
108	2.21800D-02	-1.60864D-03	-9.78235D-03	-2.89351D-04	8.09514D-05	-1.74249D-04
109	2.05660D-02	-2.58753D-03	-9.81286D-03	-6.13096D-05	3.45347D-04	1.30780D-04
110	1.93624D-02	-2.63116D-03	-9.82583D-03	-1.57002D-05	4.32834D-04	2.61507D-04
111	1.69869D-02	-2.55378D-03	-9.84026D-03	-7.59978D-06	5.38465D-04	4.68492D-04
112	1.35832D-02	-2.64448D-03	-9.86227D-03	-5.97573D-05	5.76574D-04	6.01846D-04
113	-7.74598D-03	-4.68510D-03	-2.24666D-02	-7.02101D-04	5.50431D-04	8.28764D-04
114	1.00223D-02	-2.38383D-03	-9.86300D-03	1.01940D-04	6.03207D-04	6.04553D-04
115	8.40687D-03	-1.92257D-03	-9.86348D-03	1.93054D-04	6.18348D-04	6.06875D-04

116	6.28219D-03	-1.04458D-03	-9.86403D-03	2.67599D-04	6.30755D-04	6.09860D-04
117	4.12733D-03	-5.73854D-08	-9.86423D-03	2.91704D-04	6.35211D-04	6.09860D-04
118	7.97497D-03	-1.04459D-03	-1.06059D-02	3.36400D-04	6.11537D-04	6.73485D-04
119	-7.16451D-04	2.22510D-03	-9.86442D-03	2.91640D-04	6.35255D-04	6.09860D-04
120	1.18489D-02	-1.04459D-03	-1.27484D-02	4.22721D-04	5.72186D-04	7.53374D-04
121	1.33691D-02	4.80441D-05	-1.44282D-02	4.27565D-04	5.69271D-04	7.57853D-04
122	2.21932D-02	-9.27929D-08	-8.69884D-03	-2.55012D-04	1.11216D-04	-1.46947D-04
123	2.22145D-02	2.27362D-03	-6.08622D-03	-1.89769D-04	1.46862D-04	-9.99813D-05
124	2.22470D-02	4.94907D-03	1.49559D-03	-2.49424D-05	1.27985D-04	-2.96304D-05
125	2.22499D-02	5.17853D-03	2.73163D-03	9.39633D-06	1.03971D-04	-2.40864D-05
126	2.22529D-02	5.60710D-03	4.60990D-03	5.19773D-05	6.11720D-05	-2.40910D-05
127	2.40134D-02	5.77286D-03	6.35321D-03	6.46865D-05	5.74184D-05	-6.87177D-05
128	2.21862D-02	5.36194D-03	5.42298D-03	6.87083D-05	1.40096D-05	2.95943D-05
129	2.21610D-02	5.07115D-03	5.44241D-03	7.68039D-05	-9.69096D-06	4.84487D-05
130	2.07651D-02	2.94301D-03	5.10462D-03	1.37256D-04	-1.50770D-04	1.04531D-04
131	2.23195D-02	5.05465D-03	5.10280D-03	5.52983D-05	5.80310D-06	7.17527D-05
132	9.82592D-03	1.91606D-07	1.05612D-02	-1.02575D-04	1.22178D-04	7.30354D-06
133	6.19694D-03	5.84932D-03	8.12800D-03	-9.70847D-05	-1.38766D-04	3.53594D-05
134	1.68967D-02	7.64818D-09	5.10636D-03	1.92376D-04	-2.56719D-04	1.50714D-04
135	1.24267D-02	-3.25012D-03	5.10716D-03	2.25683D-04	-3.15454D-04	1.91463D-04
136	5.30963D-03	-8.26483D-03	5.10751D-03	2.39392D-04	-3.41769D-04	2.25149D-04
137	-1.35123D-03	-9.07728D-03	1.15967D-02	2.61946D-04	-3.40637D-04	2.28664D-04
138	-2.09346D-03	-1.29664D-02	5.07447D-03	2.12329D-04	-3.44920D-04	2.51688D-04
139	-1.62011D-02	-8.17205D-03	1.39904D-02	1.01402D-04	-2.14383D-04	3.48459D-04
140	-2.31995D-02	-1.06376D-06	2.08080D-02	1.29762D-04	-2.22010D-04	3.21915D-04
141	-2.52212D-02	1.18367D-03	2.27857D-02	1.31949D-04	-2.30877D-04	3.20180D-04
142	-2.43969D-02	6.49502D-04	2.38275D-02	-1.55023D-04	-1.42570D-04	-4.59749D-05
143	-2.41813D-02	-4.39136D-05	2.41359D-02	-1.06661D-04	-1.02132D-04	-3.15424D-05
144	-2.40196D-02	-2.49994D-04	2.44439D-02	1.80219D-04	-3.48842D-05	2.01605D-04
145	-2.40231D-02	2.36274D-03	2.45553D-02	5.52997D-04	1.13033D-05	5.39764D-04
146	-8.10502D-02	4.75607D-03	8.29591D-02	2.89638D-03	1.15555D-04	2.82325D-03
147	-2.40761D-02	4.52003D-03	2.45058D-02	9.56651D-05	1.25051D-05	8.24572D-05
148	-2.41014D-02	4.07599D-03	2.44827D-02	-1.61493D-04	1.31827D-05	-1.74678D-04
149	-2.41353D-02	2.36971D-03	2.44514D-02	-3.71217D-04	1.37321D-05	-3.84373D-04
150	-2.41694D-02	2.30356D-07	2.44183D-02	-4.39418D-04	1.39154D-05	-4.52574D-04
151	-2.53638D-02	2.36972D-03	2.56462D-02	-5.23631D-04	1.36073D-05	-5.36176D-04
152	-2.42449D-02	-4.81136D-03	2.43438D-02	-4.39626D-04	1.39111D-05	-4.52782D-04
153	-2.88507D-02	2.36970D-03	2.90680D-02	-7.14754D-04	1.33517D-05	-7.26550D-04
154	-3.17695D-02	-2.72028D-04	3.18922D-02	-7.25480D-04	1.33328D-05	-7.37235D-04
155	-3.45947D-02	1.21367D-06	2.29707D-02	-3.45550D-04	-1.56545D-04	5.30701D-04
156	-3.63212D-02	-1.28131D-03	2.11684D-02	-7.24294D-04	1.05814D-04	7.43122D-04
157	-3.39554D-02	-1.69458D-03	2.35397D-02	-7.99586D-04	2.49135D-04	8.54198D-04
158	-5.95088D-02	1.10632D-03	1.85802D-03	-7.96256D-04	2.42352D-04	9.64912D-04
159	-2.86123D-02	-1.30658D-03	2.85551D-02	-8.25017D-04	4.00153D-04	7.98210D-04
160	-2.24108D-02	-4.70819D-07	3.43175D-02	-8.26243D-04	7.04349D-04	7.10852D-04
161	2.63639D-02	2.01719D-03	9.21912D-02	-6.62618D-04	1.06971D-03	4.43200D-04
162	6.58630D-02	-6.77908D-09	1.61205D-01	-4.23250D-04	1.16515D-03	2.15091D-04
163	7.33811D-02	-6.90407D-04	1.79548D-01	-3.72079D-04	1.46528D-03	1.78125D-04
164	8.01463D-02	-1.17503D-03	1.98288D-01	-3.36077D-04	1.65775D-03	1.53332D-04
165	1.04609D-01	-3.13272D-03	2.85439D-01	-1.32409D-04	3.90704D-04	3.52796D-05
166	1.89930D-01	-9.21489D-02	-4.56220D-03	-2.56431D-03	-9.48112D-04	-2.36239D-03
167	2.31275D-01	-9.11360D-02	-4.93566D-02	-2.62608D-03	-9.60543D-04	-2.45750D-03
168	2.04721D-01	-6.96458D-02	-3.02221D-02	-2.65324D-03	-9.69347D-04	-2.30759D-03
169	2.01297D-01	-3.60947D-02	-4.27866D-02	-3.13656D-03	-9.98613D-04	-1.95763D-03
170	1.91689D-01	7.50405D-02	-7.75471D-02	-4.95109D-03	-9.54132D-04	-3.22944D-03
171	1.83616D-01	7.50520D-02	-6.15038D-02	-4.76130D-03	-9.54132D-04	-1.81257D-03
172	1.79981D-01	7.50610D-02	-4.88677D-02	-4.65922D-03	-9.54132D-04	-1.02644D-03
173	1.75093D-01	7.50654D-02	-2.50358D-02	-4.64767D-03	-9.54132D-04	-9.30122D-04
174	1.68997D-01	7.50663D-02	6.34281D-03	-4.64911D-03	-9.54132D-04	-8.91871D-04
175	1.90138D-01	1.01477D-01	-8.30254D-02	-5.31665D-03	-9.42606D-04	-3.76344D-03

176	7.65330D-02	2.09651D-01	-1.16594D-07	-8.63307D-03	-1.61047D-04	-9.42049D-03	
177	1.17812D-02	-3.18441D-08	7.68484D-02	-8.09287D-03	-8.25679D-04	-1.86733D-04	
178	1.18541D-02	-4.14200D-02	1.44747D-08	-6.43784D-03	-1.00066D-03	7.34884D-04	
179	-1.02996D-02	-4.94427D-08	3.36008D-02	-3.29433D-03	3.72031D-04	-1.48423D-03	
180	-7.41622D-04	-1.32359D-02	2.41887D-03	-2.07845D-03	-3.06366D-04	-4.51429D-04	
181	3.69110D-05	-1.46870D-02	-1.20063D-04	-1.94746D-03	-2.28932D-04	-4.81487D-04	
182	8.76757D-04	-9.32090D-04	-2.46114D-03	-7.47459D-04	2.14058D-05	-5.40296D-04	
183	8.36789D-04	1.16552D-03	-2.31682D-03	-7.33448D-04	1.83370D-05	-5.37526D-04	
184	4.80350D-03	3.72035D-03	-7.62052D-03	-7.37434D-04	-5.88009D-05	-5.34553D-04	
185	7.60191D-04	6.29859D-03	-2.03332D-03	-6.94938D-04	1.75056D-05	-5.27630D-04	
186	-3.68155D-04	3.69730D-03	-6.80749D-04	-4.23807D-04	7.00835D-06	-4.32704D-04	
187	-4.04490D-04	3.46274D-03	-6.38444D-04	-3.90345D-04	3.51821D-06	-4.26877D-04	
188	-4.15650D-04	3.45936D-03	-6.23023D-04	-3.57010D-04	3.44928D-07	-4.23133D-04	
189	9.64338D-04	2.90136D-03	-8.26700D-04	-1.15976D-04	-3.53767D-05	-2.18241D-04	
190	1.06692D-01	-5.58069D-08	1.54676D-06	3.44974D-04	-1.73803D-03	2.48812D-06	
191	1.09386D-01	1.60682D-07	8.63789D-02	8.81640D-04	1.10527D-03	-1.23701D-04	
192	1.09435D-01	9.47240D-04	9.33487D-02	9.02894D-04	1.02668D-03	-1.39993D-04	
193	1.09920D-01	2.72190D-03	1.11750D-01	6.62218D-04	7.45595D-04	1.16522D-04	
194	5.69054D-02	-6.35578D-03	1.79135D-02	1.21924D-04	-1.17984D-03	-4.61534D-04	
195	1.42455D-02	-2.48706D-03	4.58080D-03	-3.20705D-05	-7.62107D-04	-2.27868D-04	
196	-1.07478D-02	2.50609D-03	1.39519D-03	-2.54446D-03	-9.21577D-04	1.35150D-03	
197	-3.33902D-02	1.72155D-03	-4.23602D-02	-2.58779D-03	-9.39372D-04	1.34996D-03	
198	-1.26452D-02	-1.46811D-02	-1.42079D-02	-2.58001D-03	-9.49216D-04	1.29722D-03	
199	6.86239D-03	-9.75596D-02	2.09818D-03	-1.47159D-03	7.28574D-04	-6.26141D-04	
200	3.21168D-03	-9.08605D-02	1.41020D-02	-1.29505D-03	6.37570D-04	-9.84920D-04	
201	-4.36395D-04	-9.08668D-02	1.84790D-02	-1.34663D-03	6.61475D-04	-1.17070D-03	
202	-2.93068D-03	-9.08704D-02	2.12890D-02	-1.37686D-03	6.76365D-04	-1.21460D-03	
203	-8.55351D-03	-8.80842D-02	2.95649D-02	-1.45130D-03	6.76500D-04	-1.12893D-03	
204	-9.95452D-03	-8.28296D-02	3.40895D-02	-1.42345D-03	5.08670D-04	-1.25483D-03	
205	-1.08223D-02	-7.71487D-02	3.68764D-02	-1.43519D-03	4.09424D-04	-1.24684D-03	
206	1.90525D-04	-7.71234D-02	2.40526D-02	-1.13694D-03	4.62882D-04	-1.26762D-03	
207	-2.25653D-03	-3.94097D-02	3.21538D-02	-9.97313D-04	-5.36289D-05	-1.20514D-03	
208	1.25278D-02	2.06464D-08	-1.60677D-02	-7.96875D-04	-5.09952D-04	-4.44767D-04	
209	-2.53722D-02	1.93016D-03	1.53586D-02	4.70532D-04	-2.16762D-04	-1.20678D-03	
210	-2.35600D-02	1.76678D-03	1.61041D-02	4.74337D-04	-2.10235D-04	-1.20399D-03	
211	2.30721D-03	7.23821D-04	2.69858D-02	4.97995D-04	-2.11024D-04	-1.20599D-03	
212	-2.18424D-02	1.58160D-03	1.67963D-02	4.61295D-04	-2.01173D-04	-1.19544D-03	
213	-1.80964D-02	1.76851D-07	1.82626D-02	4.23206D-04	1.20427D-05	-9.13302D-04	
214	3.76700D-02	-8.72402D-08	1.48871D-02	1.00567D-03	2.12208D-04	-9.42753D-04	
215	1.50209D-03	1.26048D-02	-2.39211D-03	-2.93960D-04	1.35071D-04	3.40455D-0	4
216	2.94816D-04	5.43450D-03	-1.36278D-03	-2.66136D-04	1.00266D-04	3.91582D-04	
217	3.07019D-04	1.42171D-02	-3.31643D-03	-2.59923D-04	9.08254D-05	4.31929D-04	
218	6.89287D-03	2.20175D-02	-4.86794D-08	-6.97008D-05	6.41073D-05	1.03669D-04	
219	7.52940D-03	2.22354D-02	-1.23782D-05	4.86609D-05	2.39294D-05	-7.68641D-05	4
220	7.37357D-03	2.22364D-02	-1.11014D-04	4.90768D-05	2.36774D-05	-7.78127D-05	
221	7.34914D-03	2.18306D-02	-2.52359D-04	4.90828D-05	2.36772D-05	-7.76533D-05	
222	7.21500D-03	2.22370D-02	-2.10394D-04	4.94516D-05	2.34255D-05	-7.88490D-05	
223	5.65792D-03	2.22526D-02	-1.10995D-03	5.90618D-05	1.53955D-05	-1.06265D-0	4
224	5.44255D-03	2.22530D-02	-1.22912D-03	5.92900D-05	1.51436D-05	-1.06946D-04	
225	5.41217D-03	2.16910D-02	-1.32713D-03	5.92964D-05	1.51517D-05	-1.06788D-04	
226	5.22518D-03	2.22530D-02	-1.34860D-03	5.94990D-05	1.48841D-05	-1.07696D-04	
227	6.14089D-04	9.23975D-03	-1.54453D-03	7.17957D-05	-3.84101D-05	-2.19895D-0	
228	2.80209D-04	3.77027D-07	-9.11887D-06	-2.55251D-04	9.45950D-05	3.13831D-04	
229	1.75355D-03	-2.16155D-03	2.19153D-03	-2.07344D-04	8.63311D-05	2.10164D-04	
230	2.53608D-03	-2.16183D-03	2.96835D-03	-1.81669D-04	8.30548D-05	1.82300D-04	
231	4.34338D-08	-7.21709D-03	-2.61532D-10	-1.73797D-04	8.27703D-05	9.11645D-06	
232	4.12409D-04	-6.16907D-03	-7.25030D-03	1.92351D-04	2.84091D-05	5.97774D-07	
233	4.11097D-04	-6.16654D-03	-6.86268D-03	1.93506D-04	2.83010D-05	6.56251D-07	
234	5.65037D-04	-7.21969D-03	-6.90637D-03	1.93561D-04	2.83028D-05	6.58834D-07	

236	8.91296D-10	-2.16097D-03	1.50176D-09	1.00659D-04	-5.09706D-06	-6.23012D-05
237	-6.16202D-05	-2.16089D-03	-1.00043D-04	9.95344D-05	-5.91612D-06	-5.99509D-05
238	-4.12640D-04	-2.16075D-03	-6.92853D-04	9.81036D-05	-6.97288D-06	-5.67309D-05
239	-4.12707D-04	-1.80616D-03	-7.37935D-04	9.81036D-05	-7.10063D-06	-5.64183D-05
240	-7.44961D-04	-2.16032D-03	-1.27682D-03	9.68245D-05	-7.71331D-06	-5.38506D-05
241	3.08661D-05	-9.50226D-05	-8.83818D-05	-1.87407D-05	-4.96732D-06	-1.75650D-06
242	2.13424D-05	-9.95816D-05	-9.50353D-06	-1.32078D-05	-1.73530D-06	-1.16710D-06
243	2.14687D-05	-7.63918D-05	-1.72243D-05	-1.00850D-05	-2.05578D-07	-3.47203D-06
244	1.06443D-05	-3.47638D-05	9.16465D-08	-3.35236D-06	-9.28983D-07	-3.79030D-07
245	5.16119D-06	-1.61127D-05	6.11569D-08	-2.63995D-06	-7.83701D-07	-2.74391D-07
246	6.90062D-06	-1.61153D-05	-1.65965D-05	-2.64283D-06	-7.83701D-07	-2.75585D-07
247	8.88080D-07	-2.41209D-06	3.32435D-08	-1.69699D-06	-5.23428D-07	-1.66793D-07
248	6.10437D-06	-4.57870D-05	-7.78879D-07	3.40912D-06	6.45195D-07	-3.16703D-06
249	2.70847D-06	-2.35551D-05	-5.32674D-07	3.22976D-06	4.76863D-07	-2.28021D-06
250	1.71005D-05	-2.35589D-05	1.98458D-05	3.23320D-06	4.76863D-07	-2.28317D-06
251	3.43761D-07	-4.69988D-06	-2.89549D-07	2.27597D-06	2.96026D-07	-1.38606D-06
252	-3.64134D-03	-3.55926D-02	-1.13939D-02	-2.58214D-03	-8.88969D-04	1.02252D-03

M O D A L A N A L Y S I S

MODE NUMBER 23
FREQUENCY= 20.4652 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-2.60027D-02	-3.65778D-02	6.31631D-03	-5.50424D-04	5.18349D-04	-1.42100D-04
3	-3.66792D-02	-4.19903D-02	5.79618D-03	9.87636D-05	1.15257D-03	-1.71108D-04
4	-3.31381D-02	-4.19976D-02	7.98375D-03	2.25373D-04	1.28605D-03	-2.22650D-04
5	-3.16376D-02	-4.10925D-02	1.27577D-02	1.36915D-03	1.07944D-03	-3.75189D-04
6	-4.11204D-02	-2.12396D-02	1.64503D-03	2.27512D-03	8.62467D-04	-1.29622D-04
7	-6.01768D-02	2.21957D-02	-3.42568D-02	1.81997D-03	5.63277D-04	-4.45589D-04
8	-5.31169D-02	2.62361D-02	-3.22176D-02	8.50533D-04	-4.99568D-04	-1.21364D-03
9	-3.11028D-02	-3.50253D-03	-1.16045D-02	1.03530D-03	-1.44302D-05	-8.37016D-04
10	-3.08156D-02	3.83516D-07	-1.17160D-02	1.07651D-03	-6.26617D-05	-6.98128D-04
11	7.99203D-03	4.98988D-02	-2.27991D-04	-3.76795D-04	-1.85363D-04	-7.74127D-04
12	5.81861D-03	5.28664D-07	-3.94549D-04	-7.95502D-04	1.47842D-04	-6.36054D-04
13	2.54252D-03	-5.84135D-03	2.18902D-03	-6.60912D-04	6.71018D-05	-3.66545D-04
14	2.07209D-03	2.56524D-03	-4.16131D-03	2.25470D-05	-1.01407D-04	2.18078D-04
15	3.15657D-03	3.33325D-03	-4.15793D-03	-4.58909D-07	3.70937D-05	1.32549D-04
16	2.10303D-03	1.09918D-03	-3.09608D-03	-5.66749D-07	4.50415D-05	8.03371D-05
17	2.02896D-03	-2.14737D-03	-7.93212D-04	-1.18145D-05	1.65098D-06	-1.31713D-07
18	1.94545D-03	-1.92251D-03	-9.07461D-04	-1.54650D-05	-1.43075D-05	-1.53913D-05
19	1.72366D-03	-1.51238D-03	-1.11388D-03	-1.39371D-05	-1.48720D-05	-2.11524D-05
20	1.63092D-03	-1.06004D-03	-1.25503D-03	-1.09147D-05	-1.38502D-06	-2.50930D-05
21	1.58021D-03	9.20119D-05	-7.59774D-04	2.24166D-06	1.66209D-05	-8.00641D-06
22	9.40648D-04	-7.03264D-05	-1.71143D-04	6.53589D-06	2.14907D-05	2.76735D-05
23	1.49905D-10	-4.06492D-11	-1.67119D-11	1.08256D-09	2.55230D-09	4.92807D-09
25	-4.63119D-02	3.96859D-03	-1.51850D-02	-1.74416D-04	7.11997D-04	3.34202D-04
26	-6.20201D-02	-7.64184D-03	-3.88145D-02	-1.28209D-03	4.72240D-04	9.21489D-05
27	-6.30269D-02	-7.61953D-03	-5.32708D-02	-1.29508D-03	4.19022D-04	9.28207D-05
28	-6.56374D-02	-4.29790D-03	-7.73770D-02	-7.56258D-04	-5.17311D-04	1.55048D-04
29	-6.56058D-02	-2.51648D-03	-7.13578D-02	-7.12828D-04	-5.97446D-04	1.43178D-04
30	-6.23220D-02	-2.09881D-04	-1.43816D-01	-1.58287D-04	1.42106D-03	1.10158D-05
31	2.14200D-02	8.15078D-05	-1.44354D-02	3.70833D-04	-1.90846D-04	-3.90507D-04
32	1.56158D-02	2.16302D-04	-2.05664D-02	1.49739D-04	2.80829D-04	-1.02062D-04
33	6.28039D-03	1.64506D-03	-2.05818D-02	2.20212D-05	3.00166D-04	8.76281D-05
34	-1.02401D-02	-1.11468D-02	-4.33330D-03	1.51071D-04	7.61660D-05	3.69694D-04
35	-1.05362D-02	-1.11236D-02	-4.09936D-03	1.70090D-04	-4.26187D-05	4.13100D-04
36	-3.19684D-02	-8.32921D-02	-3.30055D-03	4.36390D-03	5.35116D-04	-1.93293D-03
37	-4.81549D-03	-1.36252D-01	3.73356D-02	3.05476D-03	3.69775D-04	-2.76262D-03
38	3.73203D-01	-1.42923D-01	-4.29800D-02	-4.19080D-03	-1.64405D-03	-4.06676D-03
39	3.42056D-01	2.39696D-01	-1.56208D-01	-9.86381D-03	-1.61900D-03	-7.64925D-03
40	1.93418D-01	3.78010D-01	-4.60842D-02	-1.51577D-02	-2.08143D-04	-1.72104D-02
41	7.31568D-02	3.78009D-01	6.16356D-02	-1.53961D-02	-2.12129D-04	-1.65733D-02
42	-3.38308D-02	2.33114D-01	2.05193D-01	-1.60778D-02	-2.47911D-03	-1.09469D-02
43	6.04910D-03	-3.02354D-02	2.05360D-01	-1.58564D-02	-2.30834D-03	-8.83676D-03
44	2.18416D-02	-1.13895D-01	1.93298D-01	-1.66045D-02	-9.57771D-04	-4.28804D-03
45	2.21632D-02	-9.15652D-02	-7.29692D-02	-8.41944D-03	1.02104D-05	-1.07378D-03
46	2.19921D-02	-9.08752D-02	-7.21049D-02	-8.19969D-03	6.46097D-04	-1.94208D-03
47	6.49395D-05	6.28445D-03	-5.37078D-04	-5.98004D-04	2.87124D-05	-5.02041D-04
48	-2.08530D-05	7.12534D-03	-3.85575D-04	-5.71377D-04	1.24701D-05	-5.02363D-04
49	5.55930D-04	7.63010D-03	-8.10005D-04	-1.94552D-04	-1.74813D-05	-3.32963D-04
50	1.11919D-03	3.72987D-03	-7.45750D-04	-1.15459D-04	-2.17060D-05	-2.29963D-04
51	1.20926D-03	2.26911D-03	-6.43536D-04	-1.15658D-04	-2.00063D-05	-2.18664D-04

52	6.45122D-06	-7.62997D-07	-9.30070D-06	-1.53842D-06	-3.81149D-06	-5.08744D-06
53	-5.87257D-12	-6.36903D-12	-9.81206D-12	-1.92939D-10	-3.30313D-10	-5.61399D-10
54	4.35448D-03	-2.48608D-03	-1.22808D-02	1.08962D-03	-1.70239D-04	-7.85525D-04
55	9.33466D-03	2.64274D-02	-1.06725D-02	9.73862D-04	-6.68276D-05	-4.47884D-04
56	5.60196D-03	3.59138D-02	-6.72079D-03	4.27618D-04	8.52500D-04	3.14708D-05
57	7.55820D-03	-4.64924D-04	-1.17551D-02	-3.05366D-04	-6.63075D-04	-6.03237D-06
58	7.12425D-03	-8.36447D-04	-1.11423D-02	-6.02558D-04	-1.47181D-04	-3.66391D-04
59	2.54525D-04	-4.58983D-04	-1.18433D-03	-6.47369D-04	2.98538D-05	-5.20038D-04
60	-1.47646D-02	-3.58629D-03	1.49630D-02	1.22431D-03	5.56745D-05	-7.14566D-04
61	-8.95499D-03	3.49347D-03	2.94629D-02	3.56825D-04	4.27161D-04	-7.01020D-04
62	-4.84286D-02	5.72157D-05	1.37560D-02	1.80957D-04	5.26533D-04	-4.05307D-04
63	-5.31081D-02	2.21200D-03	7.03921D-03	5.41501D-04	4.48616D-04	1.39758D-04
64	-5.29445D-02	1.07023D-02	-2.28785D-02	6.66996D-04	3.15557D-04	-1.00315D-04
65	-3.33227D-02	-1.16448D-03	-1.25748D-02	9.14246D-04	-4.30370D-05	-1.89242D-03
66	2.57728D-02	-1.10593D-03	1.50671D-02	9.12698D-04	-1.38443D-04	-1.94036D-03
67	5.04605D-02	-4.84939D-04	2.81849D-02	8.89252D-04	1.97068D-04	-1.24029D-03
68	5.80730D-03	2.68696D-02	2.05651D-03	-2.46504D-05	2.95981D-04	3.11948D-04
69	4.01737D-03	2.67089D-02	1.51922D-03	-1.97533D-04	1.79958D-04	3.56227D-04
70	-1.75680D-03	1.68763D-02	1.44316D-03	-2.28861D-04	1.12429D-04	7.22015D-04
71	2.42148D-03	3.50562D-02	-8.51941D-04	-1.56471D-04	1.81128D-04	6.93863D-04
72	8.20822D-03	3.80739D-02	-4.61843D-04	-8.40322D-05	1.96610D-04	1.84038D-04
73	4.53521D-03	3.85186D-02	5.69930D-03	-3.52604D-06	1.08212D-04	-1.87217D-04
74	-9.15596D-04	3.12385D-02	3.07431D-03	1.01330D-04	5.90042D-05	-4.38744D-04
76	-1.75327D-03	-3.76849D-03	4.07756D-03	-2.32142D-04	6.02914D-05	4.44192D-04
77	-1.74793D-03	-1.16625D-02	5.22656D-03	-2.40385D-04	3.71062D-05	2.45453D-04
78	-2.11857D-04	-1.12639D-02	7.24041D-04	-2.38508D-04	-3.13732D-06	-7.04159D-05
79	6.36639D-04	-9.54713D-03	-8.54553D-03	3.04995D-04	2.16520D-05	2.89009D-05
80	3.15262D-05	-1.38721D-03	-1.97069D-05	1.15940D-04	2.45835D-06	4.45607D-06
82	-1.12183D-03	-3.76938D-03	-1.84096D-03	1.29350D-04	-3.91727D-05	-7.13709D-05
83	-1.03738D-03	-3.30109D-03	-2.22292D-03	1.20267D-04	-6.89729D-05	9.19028D-05
84	-6.30895D-04	-8.11107D-04	-1.07311D-03	8.28893D-05	-6.43740D-05	1.14489D-04
85	-1.33069D-04	-1.86704D-04	-9.78604D-04	7.28426D-06	-6.08538D-05	2.96426D-05
86	4.06948D-05	-1.62767D-04	-2.54648D-05	-1.73468D-05	-2.97351D-06	-6.11079D-06
87	3.54869D-05	-1.42782D-04	-4.39800D-06	-1.65112D-05	-2.70853D-06	2.00969D-06
88	2.36640D-05	-8.15122D-05	2.93135D-07	-7.36370D-06	-1.94671D-06	1.52440D-07
90	3.23613D-05	-9.77116D-05	-1.04807D-05	-3.71522D-06	4.68159D-06	-8.14227D-06
91	1.57457D-05	-7.28022D-05	-1.36146D-06	4.79117D-06	1.59642D-06	-5.73556D-06
93	-2.94158D-03	-5.74508D-03	5.76591D-04	-3.10527D-04	1.77684D-04	-1.06845D-05
94	-1.69679D-02	-2.64698D-02	4.02385D-03	-5.31418D-04	4.18710D-04	-8.96345D-05
95	-3.64771D-02	-3.17191D-02	1.03271D-02	2.06716D-03	8.68036D-04	-7.19074D-05
96	-3.50174D-02	-5.44130D-02	-1.64676D-03	3.88823D-03	6.49473D-04	-1.41441D-03
97	-4.57007D-02	-9.15284D-03	-6.94791D-03	2.23202D-03	8.46712D-04	-9.79468D-05
98	-4.91825D-02	-1.12564D-06	-1.34870D-02	2.15903D-03	8.14797D-04	-1.45507D-04
99	-3.67008D-02	1.07193D-02	-1.64466D-02	7.39246D-04	-3.53497D-04	-1.25102D-03
100	-3.24174D-02	1.22998D-03	-1.25851D-02	7.82938D-04	-1.31667D-04	-1.16120D-03
101	-3.11840D-02	-4.05467D-03	-1.16409D-02	9.48763D-04	-2.18053D-05	-9.42077D-04
102	-3.10086D-02	-1.63607D-03	-1.17765D-02	1.05877D-03	-3.62201D-05	-7.53855D-04
103	-2.32515D-02	-3.54128D-03	6.09821D-05	1.16612D-03	1.78339D-05	-7.62613D-04
104	9.40940D-03	4.58995D-02	-3.26975D-04	-6.09564D-04	-6.80873D-05	-8.30502D-04
105	1.01660D-02	3.17119D-02	-3.91306D-04	-7.49915D-04	2.22472D-05	-8.62607D-04
106	3.49585D-02	2.97477D-02	-2.16487D-02	-7.90749D-04	2.56818D-05	-9.23827D-04
107	8.48903D-03	1.49285D-02	-3.92868D-04	-8.01764D-04	1.00027D-04	-7.70196D-04
108	2.51687D-03	-3.09401D-03	2.64938D-03	-6.22109D-04	4.92309D-05	-3.32631D-04
109	1.97566D-03	-6.62264D-03	2.69464D-03	-3.16918D-04	1.01415D-04	-1.81691D-04
110	1.63816D-03	-7.37070D-03	2.71401D-03	-1.35454D-04	1.20829D-04	-1.17003D-04
111	9.92300D-04	-7.31258D-03	2.74464D-03	2.13619D-04	1.47838D-04	-1.45796D-05
112	5.66207D-05	-5.29772D-03	2.76875D-03	4.93475D-04	1.61865D-04	5.14087D-05
113	-3.79134D-03	-3.69556D-03	3.48628D-02	1.48698D-03	2.29234D-04	1.66594D-04
114	-8.59819D-04	-2.73752D-03	2.76887D-03	3.89295D-04	1.47622D-04	5.10795D-05
115	-1.23024D-03	-1.84047D-03	2.76894D-03	3.31178D-04	1.39672D-04	5.07971D-05

116	-1.68178D-03	-8.67616D-04	2.76901D-03	2.84359D-04	1.33288D-04	5.04341D-05
117	-2.11882D-03	3.75994D-08	2.76907D-03	2.68799D-04	1.31235D-04	5.04341D-05
118	-1.56055D-03	-8.67632D-04	2.01850D-03	2.87234D-04	1.35613D-04	4.27183D-05
119	-3.12078D-03	2.05049D-03	2.76912D-03	2.68927D-04	1.31429D-04	5.04341D-05
120	-1.36164D-03	-8.67655D-04	4.62772D-04	2.90950D-04	1.40374D-04	3.30606D-05
121	-1.59355D-03	-1.21839D-04	-6.83361D-04	2.91156D-04	1.40726D-04	3.25187D-05
122	2.48485D-03	2.01234D-07	3.00251D-03	-5.75467D-04	2.82958D-05	-2.95280D-04
123	2.42359D-03	4.99437D-03	3.17783D-03	-4.86849D-04	-5.86232D-06	-2.23467D-04
124	2.26646D-03	1.07997D-02	1.23229D-03	-2.62969D-04	-6.44916D-05	-6.04030D-06
125	2.23332D-03	1.06185D-02	5.31361D-04	-2.16328D-04	-7.13967D-05	4.48573D-05
126	2.17937D-03	9.01317D-03	-1.06024D-03	-1.58491D-04	-7.62515D-05	1.09845D-04
127	-6.20275D-04	8.66881D-03	-5.55671D-03	-1.67597D-04	-7.61531D-05	1.11015D-04
128	2.12709D-03	5.97746D-03	-2.66440D-03	-8.21341D-05	-8.26865D-05	1.65088D-04
129	2.10772D-03	4.87851D-03	-3.15758D-03	-4.51878D-05	-8.82616D-05	1.86152D-04
130	5.70984D-04	1.94162D-03	-4.15347D-03	7.38685D-05	-1.40842D-04	2.66295D-04
131	2.98344D-03	2.79398D-03	-4.16173D-03	1.87268D-05	-7.05163D-05	2.05698D-04
132	2.09187D-03	4.60252D-08	-2.44112D-03	-2.37503D-06	3.95103D-05	6.43572D-05
133	1.61692D-03	-6.58098D-04	-1.22110D-03	-7.20732D-06	4.95395D-06	-2.42549D-05
134	-2.36135D-03	-2.82659D-08	-4.14074D-03	1.35288D-04	-1.69617D-04	3.40813D-04
135	-5.11296D-03	-2.44763D-03	-4.12890D-03	1.70305D-04	-1.61143D-04	4.06565D-04
136	-8.39154D-03	-6.30981D-03	-4.11567D-03	1.80411D-04	-1.21376D-04	4.60920D-04
137	-2.21031D-02	-7.42622D-03	5.64824D-04	1.82309D-04	-1.23793D-04	5.03444D-04
138	-1.02435D-02	-1.00714D-02	-4.10386D-03	1.74387D-04	-6.55696D-05	4.28784D-04
139	-6.10866D-03	-5.22732D-03	-8.37241D-03	9.29632D-05	1.88329D-04	2.71161D-04
140	2.06772D-03	3.78198D-07	-1.64249D-02	3.06622D-05	2.80988D-04	1.55723D-04
141	4.57475D-03	1.10998D-03	-1.88984D-02	2.29255D-05	2.94130D-04	1.19490D-04
142	3.94457D-03	2.83937D-03	-1.96628D-02	2.18931D-04	1.19223D-05	6.33288D-05
143	4.07492D-03	3.48404D-03	-1.95898D-02	2.02391D-04	-9.10152D-05	-6.12606D-05
144	4.69496D-03	3.52921D-03	-1.90601D-02	5.29502D-05	-2.31293D-04	-3.81818D-04
145	5.88829D-03	1.32624D-03	-1.79378D-02	-1.53408D-04	-3.01015D-04	-6.98423D-04
146	5.35723D-02	1.86763D-04	-4.70662D-02	-1.49923D-03	-3.70428D-04	-2.23056D-03
147	7.22567D-03	-9.05842D-04	-1.66018D-02	1.02810D-04	-3.23105D-04	-4.44932D-04
148	7.84466D-03	-1.10909D-03	-1.59839D-02	2.47104D-04	-3.35610D-04	-3.02979D-04
149	8.66809D-03	-7.38971D-04	-1.51617D-02	3.65102D-04	-3.45810D-04	-1.87988D-04
150	9.50848D-03	-1.28649D-07	-1.43218D-02	4.03129D-04	-3.49393D-04	-1.49960D-04
151	8.22923D-03	-7.38966D-04	-1.62673D-02	4.66925D-04	-3.32110D-04	-1.50272D-04
152	1.13924D-02	1.36553D-03	-1.24383D-02	4.03189D-04	-3.49348D-04	-1.49900D-04
153	7.57150D-03	-7.38950D-04	-1.91829D-02	5.94632D-04	-3.04058D-04	-1.03066D-04
154	7.72226D-03	1.65565D-04	-2.09988D-02	6.01798D-04	-3.01981D-04	-1.00414D-04
155	1.74135D-02	-4.93370D-07	-1.87672D-02	1.90222D-04	2.60886D-04	-1.42775D-04
156	2.27247D-02	-1.14295D-03	-1.34286D-02	3.35159D-04	7.84788D-05	-3.49682D-04
157	2.33155D-02	-5.45417D-04	-1.28066D-02	3.61086D-04	-1.57197D-05	-4.34499D-04
158	3.68666D-02	-1.91666D-03	-3.29749D-03	3.55081D-04	-1.12139D-05	-5.04252D-04
159	2.20663D-02	5.23723D-05	-1.38936D-02	3.69368D-04	-1.15944D-04	-4.08373D-04
160	1.93941D-02	1.64533D-07	-1.62098D-02	3.67143D-04	-3.27582D-04	-3.60303D-04
161	-8.83606D-03	1.43503D-04	-4.98609D-02	2.85663D-04	-6.89723D-04	-1.90372D-04
162	-3.64654D-02	5.72442D-09	-9.88068D-02	1.50585D-04	-8.29497D-04	-6.19948D-05
163	-4.17657D-02	1.96070D-05	-1.11843D-01	1.19686D-04	-1.01115D-03	-4.53307D-05
164	-4.63406D-02	4.32456D-05	-1.24561D-01	9.76917D-05	-1.12388D-03	-3.48977D-05
165	-6.25509D-02	1.44601D-04	-1.82803D-01	-2.94298D-05	-2.70747D-04	4.45427D-06
166	3.45049D-01	-1.42827D-01	-1.39431D-02	-4.10817D-03	-1.62222D-03	-4.02834D-03
167	4.15717D-01	-1.41107D-01	-8.58991D-02	-4.21902D-03	-1.64402D-03	-4.20339D-03
168	3.70244D-01	-1.04899D-01	-5.59015D-02	-4.27070D-03	-1.65970D-03	-3.93041D-03
169	3.64290D-01	-4.87433D-02	-7.74316D-02	-5.16297D-03	-1.71560D-03	-3.29288D-03
170	3.47490D-01	1.39890D-01	-1.37356D-01	-8.50310D-03	-1.65177D-03	-5.61865D-03
171	3.33764D-01	1.39912D-01	-1.09885D-01	-8.13273D-03	-1.65177D-03	-2.98148D-03
172	3.28052D-01	1.39929D-01	-8.83418D-02	-7.93277D-03	-1.65177D-03	-1.51799D-03
173	3.20966D-01	1.39937D-01	-4.77782D-02	-7.90993D-03	-1.65177D-03	-1.33861D-03
174	3.12272D-01	1.39939D-01	5.61996D-03	-7.91122D-03	-1.65177D-03	-1.26687D-03
175	3.44767D-01	1.85866D-01	-1.46837D-01	-9.17562D-03	-1.63329D-03	-6.59676D-03

176	1.40218D-01	3.78011D-01	-2.14030D-07	-1.52821D-02	-2.09851D-04	-1.69952D-02
177	2.19884D-02	-4.87166D-08	1.38293D-01	-1.43893D-02	-1.45500D-03	-2.81134D-04
178	2.21173D-02	-7.29997D-02	2.37421D-08	-1.13658D-02	-1.83080D-03	1.25998D-03
179	-1.89486D-02	-9.10916D-08	6.19806D-02	-5.56834D-03	6.89481D-04	-2.44501D-03
180	-1.42153D-03	-3.31404D-02	4.64156D-03	-3.16017D-03	-5.45054D-04	-6.99118D-04
181	-5.45232D-05	-3.49460D-02	1.78255D-04	-2.90108D-03	-3.97306D-04	-7.81322D-04
182	4.49651D-04	-5.48681D-03	-1.79824D-03	-6.98169D-04	4.67595D-05	-5.60579D-04
183	3.52165D-04	-3.17139D-03	-1.49042D-03	-6.74805D-04	4.01972D-05	-5.43651D-04
184	3.75712D-03	-4.51098D-04	-5.94023D-03	-6.25000D-04	-5.19257D-05	-4.36877D-04
185	1.80313D-04	2.16642D-03	-9.31055D-04	-6.28002D-04	3.01955D-05	-5.13710D-04
186	-1.97518D-04	2.59731D-03	-1.84091D-04	-3.84317D-04	-4.41190D-06	-4.27904D-04
187	-1.52132D-04	2.63123D-03	-2.18108D-04	-3.55164D-04	-6.12102D-06	-4.21837D-04
188	-9.80423D-05	2.84393D-03	-2.61607D-04	-3.26360D-04	-7.67677D-06	-4.17433D-04
189	1.16499D-03	3.00025D-03	-6.94358D-04	-1.15512D-04	-2.09765D-05	-2.24297D-04
190	-6.38324D-02	2.99012D-08	-1.00593D-06	-3.33652D-04	1.10769D-03	-2.53407D-05
191	-6.55260D-02	-1.37157D-07	-5.96820D-02	-6.76293D-04	-7.35991D-04	1.15780D-04
192	-6.55579D-02	-8.76330D-04	-6.43138D-02	-6.89863D-04	-6.84656D-04	1.29482D-04
193	-6.63816D-02	-2.51522D-03	-7.71407D-02	-4.83681D-04	-5.63558D-04	-9.07235D-06
194	-3.42890D-02	4.08418D-03	-1.08605D-02	-8.53438D-05	7.11112D-04	2.88221D-04
195	-8.58277D-03	1.67431D-03	-2.78899D-03	2.26787D-05	4.59498D-04	1.44341D-04
196	-1.17469D-03	-2.48676D-03	-1.99269D-02	1.08880D-03	-1.74519D-04	-7.91056D-04
197	1.23302D-02	-2.18322D-03	-1.37279D-03	1.08914D-03	-1.70381D-04	-7.89637D-04
198	5.67554D-03	4.23877D-03	-1.18710D-02	1.08720D-03	-1.66785D-04	-7.67466D-04
199	3.26325D-03	3.63564D-02	9.97762D-04	3.67028D-04	8.99893D-04	1.09530D-04
200	-1.49012D-03	3.47598D-02	1.66889D-02	2.48283D-04	8.76291D-04	2.57633D-04
201	-5.13586D-04	3.47624D-02	1.60824D-02	1.36512D-04	9.05982D-04	3.13477D-04
202	1.53193D-04	3.47640D-02	1.58568D-02	9.47102D-05	9.24476D-04	3.20038D-04
203	2.61417D-04	3.37715D-02	1.91952D-02	6.05686D-05	9.41692D-04	2.53483D-04
204	-1.76313D-03	3.20245D-02	2.58462D-02	2.10409D-05	8.20787D-04	2.81695D-04
205	-3.25391D-03	3.00788D-02	3.07401D-02	-4.67180D-06	7.29651D-04	2.77808D-04
206	-5.87028D-03	3.00695D-02	3.11516D-02	1.40163D-04	7.16376D-04	3.72712D-04
207	-1.06544D-02	1.59073D-02	4.70798D-02	2.77956D-06	7.98388D-05	3.46827D-04
208	6.50362D-03	-2.12643D-08	-8.33813D-03	-2.87111D-04	-6.97773D-04	-1.25625D-06
209	-1.67282D-02	3.67027D-03	2.65066D-02	2.81689D-04	4.77238D-04	-6.76677D-04
210	-2.07387D-02	3.69615D-03	2.49094D-02	2.80786D-04	4.82537D-04	-6.71533D-04
211	-6.28284D-03	3.11395D-03	3.12069D-02	3.08525D-04	4.81500D-04	-6.65845D-04
212	-2.48043D-02	3.64042D-03	2.32703D-02	2.61058D-04	4.88033D-04	-6.67993D-04
213	-4.45557D-02	2.33053D-07	1.53203D-02	1.56105D-04	5.30365D-04	-4.62598D-04
214	4.99886D-02	-6.20315D-08	2.79060D-02	8.75236D-04	2.04332D-04	-1.21090D-03
215	-6.25400D-04	1.92594D-02	1.46140D-03	-2.44931D-04	1.27207D-04	6.35099D-04
216	-1.75586D-03	9.33259D-03	2.45200D-03	-2.29886D-04	9.37634D-05	6.81606D-04
217	-1.75651D-03	2.46887D-02	2.12298D-04	-2.08796D-04	1.20311D-04	7.59900D-04
218	9.23052D-03	3.81108D-02	6.00853D-08	-8.25733D-05	1.91598D-04	1.57293D-04
219	9.16843D-03	3.84893D-02	5.25031D-03	-2.95577D-05	1.24777D-04	-1.32798D-04
220	8.89951D-03	3.84911D-02	5.30908D-03	-2.89191D-05	1.24358D-04	-1.34186D-04
221	8.84011D-03	3.77681D-02	4.64281D-03	-2.89104D-05	1.24322D-04	-1.33907D-04
222	8.62672D-03	3.84921D-02	5.36609D-03	-2.82861D-05	1.23974D-04	-1.35732D-04
223	6.01451D-03	3.85186D-02	5.65235D-03	-8.91187D-06	1.11715D-04	-1.76690D-04
224	5.65695D-03	3.85193D-02	5.66917D-03	-8.33176D-06	1.11331D-04	-1.77710D-04
225	5.58873D-03	3.75641D-02	5.06839D-03	-8.32319D-06	1.11292D-04	-1.77435D-04
226	5.29662D-03	3.85192D-02	5.68432D-03	-7.77113D-06	1.10983D-04	-1.78867D-04
227	-3.97740D-04	1.63199D-02	1.43585D-03	1.03347D-04	4.23113D-05	-3.93350D-04
228	-1.75430D-03	5.82031D-07	3.56709D-03	-2.31316D-04	7.12952D-05	5.43541D-04
229	8.22983D-04	-3.76950D-03	5.42811D-03	-1.90562D-04	5.50716D-05	3.67191D-04
230	2.19392D-03	-3.77008D-03	6.13825D-03	-1.63857D-04	5.17964D-05	3.21034D-04
231	-1.25276D-08	-1.12480D-02	1.70444D-08	-2.37253D-04	-2.85202D-06	-6.81981D-05
232	8.89298D-04	-9.59162D-03	-1.10820D-02	2.87287D-04	2.11610D-05	2.91438D-05
233	8.30590D-04	-9.58762D-03	-1.05029D-02	2.89110D-04	2.12087D-05	2.91459D-05
234	9.53506D-04	-1.11683D-02	-1.05735D-02	2.89195D-04	2.12121D-05	2.91500D-05
235	7.71790D-04	-9.58339D-03	-9.91928D-03	2.90810D-04	2.12532D-05	2.91360D-05

236	1.33478D-09	-3.77091D-03	1.49242D-09	1.34271D-04	-3.63260D-05	-8.85751D-05
237	-8.75774D-05	-3.77078D-03	-1.33676D-04	1.33085D-04	-3.71448D-05	-8.48200D-05
238	-5.82696D-04	-3.77057D-03	-9.27597D-04	1.31556D-04	-3.82012D-05	-7.96412D-05
239	-5.82792D-04	-3.27401D-03	-1.17012D-03	1.31556D-04	-3.84068D-05	-7.90660D-05
240	-1.04802D-03	-3.76982D-03	-1.71177D-03	1.30217D-04	-3.87485D-05	-7.50798D-05
241	6.92376D-05	-1.64834D-04	-1.10253D-04	-2.18165D-05	-7.94760D-06	-6.65738D-06
242	4.04032D-05	-1.77923D-04	-1.49536D-05	-1.67434D-05	-2.68104D-06	-3.43614D-06
243	4.06056D-05	-1.27338D-04	-2.73043D-05	-1.13268D-05	-4.23918D-07	-7.43402D-06
244	2.13982D-05	-7.34815D-05	2.45164D-07	-6.70921D-06	-1.84345D-06	1.23153D-07
245	1.04287D-05	-3.49320D-05	1.64605D-07	-5.48765D-06	-1.56961D-06	8.53678D-08
246	9.90654D-06	-3.49378D-05	-3.44622D-05	-5.49370D-06	-1.56961D-06	8.36272D-08
247	1.82041D-06	-5.66882D-06	8.94756D-08	-3.60235D-06	-1.05310D-06	5.18921D-08
248	1.41386D-05	-6.62587D-05	-1.14579D-06	5.02052D-06	1.38936D-06	-4.71331D-06
249	6.50866D-06	-3.38850D-05	-7.83595D-07	4.69528D-06	1.07886D-06	-3.39440D-06
250	2.79377D-05	-3.38906D-05	2.88424D-05	4.70035D-06	1.07886D-06	-3.39931D-06
251	9.51133D-07	-6.66939D-06	-4.25944D-07	3.29007D-06	6.89547D-07	-2.06334D-06
252	7.12218D-03	1.22700D-02	-1.14004D-02	1.05725D-03	-1.53087D-04	-6.47592D-04

M O D A L A N A L Y S I S

MODE NUMBER 24
FREQUENCY= 21.7991 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-6.35588D-03	1.15707D-01	1.57237D-03	1.26264D-03	1.04739D-04	-8.92987D-04
3	4.82155D-03	1.27447D-01	2.98212D-03	-6.90075D-04	-1.25928D-04	-9.42299D-04
4	2.20771D-02	1.27478D-01	-1.08867D-02	-8.34683D-04	-1.14555D-04	-9.80356D-04
5	3.89533D-02	1.16786D-01	-2.96356D-02	-1.67912D-03	6.79322D-05	-1.34292D-03
6	4.59983D-02	5.28822D-02	-4.51984D-02	-2.20792D-03	1.82324D-04	-1.81104D-03
7	4.29780D-02	-8.13805D-02	-5.01549D-02	-2.13309D-03	2.32145D-05	-1.38835D-03
8	5.08746D-02	-1.89268D-01	-3.83216D-02	-7.29412D-04	-2.65264D-04	1.92242D-03
9	9.72343D-02	-6.62425D-03	9.94296D-03	-2.02974D-03	-6.94638D-04	2.75134D-03
10	1.05763D-01	-1.70297D-06	1.92067D-02	-2.25454D-03	-5.14152D-04	2.28503D-03
11	2.33934D-02	-1.16788D-01	7.79643D-03	8.16013D-04	1.09013D-03	1.46463D-03
12	-2.86786D-02	-1.73833D-06	8.12401D-03	1.83284D-03	4.63263D-04	1.24081D-03
13	-3.43238D-02	1.36339D-02	1.10415D-02	1.39103D-03	6.15226D-06	8.30475D-04
14	-3.37450D-02	-1.39811D-02	4.24307D-03	-2.56620D-04	1.59276D-04	-5.19490D-04
15	-2.09777D-02	-1.55743D-02	4.23715D-03	1.32271D-04	-3.50250D-04	-4.05561D-04
16	-1.29527D-02	-4.21850D-03	-3.42443D-03	1.83987D-04	-3.24007D-04	-2.98614D-04
17	-1.25955D-02	6.93192D-03	-2.24489D-02	2.24474D-04	-1.76715D-05	1.45495D-05
18	-1.18436D-02	4.83410D-03	-2.13360D-02	2.35711D-04	1.58162D-04	6.11091D-05
19	-9.46186D-03	1.21301D-03	-1.90256D-02	2.28692D-04	2.02286D-04	7.48073D-05
20	-8.02283D-03	-1.35525D-03	-1.57378D-02	2.10047D-04	2.13096D-04	7.07502D-05
21	-7.76505D-03	-3.49326D-03	-5.23297D-03	1.45483D-04	1.49545D-04	-2.74681D-05
22	-4.70846D-03	-4.30689D-04	-1.30283D-03	6.72575D-05	6.71517D-06	-1.77727D-04
23	-7.66882D-10	1.37413D-10	-1.36939D-10	7.23801D-09	-5.26638D-09	-2.75020D-08
25	3.95828D-03	-6.44013D-04	1.25853D-03	1.44149D-05	-5.17594D-05	-5.18457D-05
26	5.06326D-03	5.18767D-05	2.86201D-03	1.06333D-04	1.46511D-05	-2.54772D-05
27	5.35412D-03	5.04414D-05	4.05958D-03	1.10564D-04	2.53257D-05	-2.54515D-05
28	5.75272D-03	-1.87557D-04	5.32720D-03	1.16567D-04	1.09878D-04	3.96935D-06
29	5.75173D-03	-1.37461D-04	4.06751D-03	1.22095D-04	1.17481D-04	6.57256D-06
30	5.50099D-03	3.34408D-03	3.11389D-02	1.53700D-04	-2.70147D-04	2.46033D-05
31	-1.03205D-02	1.28040D-03	-8.22096D-03	2.92225D-04	-1.87738D-04	-1.42397D-04
32	5.02587D-03	-2.98475D-03	7.13461D-03	-2.57526D-05	-2.49922D-04	-4.69014D-04
33	1.20412D-02	-7.42303D-03	7.35501D-03	-2.12746D-04	-2.00241D-04	-7.01487D-04
34	1.69470D-02	5.11197D-02	2.47772D-03	-5.11375D-04	1.88611D-04	-1.24469D-03
35	1.23696D-02	4.97498D-02	4.09275D-03	-7.04703D-04	4.20964D-04	-1.22355D-03
36	4.99878D-02	7.30664D-02	-4.73429D-02	-2.28451D-03	3.21521D-04	-1.48759D-03
37	6.62305D-02	8.09035D-02	-5.93078D-02	-2.39164D-04	-7.92572D-05	-1.55901D-03
38	2.21811D-01	8.17634D-02	-3.12419D-02	-5.07096D-04	-7.22064D-04	-1.19609D-03
39	2.06142D-01	1.76609D-01	-8.32134D-02	-4.57247D-03	-8.34304D-04	-3.03889D-03
40	1.24355D-01	2.47961D-01	-2.54137D-02	-8.32831D-03	-9.78664D-06	-9.68412D-03
41	5.66743D-02	2.47966D-01	3.41156D-02	-8.52395D-03	-5.03758D-05	-9.28740D-03
42	-1.01287D-03	1.65032D-01	1.15395D-01	-9.31608D-03	-1.53526D-03	-5.83560D-03
43	2.36991D-02	1.20209D-02	1.15527D-01	-9.23424D-03	-1.39955D-03	-4.60529D-03
44	3.16957D-02	-4.23836D-02	1.11095D-01	-9.77852D-03	-9.92668D-05	-1.93498D-03
45	3.18364D-02	-3.04553D-02	-1.02332D-01	-5.41006D-03	-3.24046D-04	-7.73274D-04
46	3.17280D-02	-3.00035D-02	-1.02039D-01	-5.30031D-03	5.62294D-04	-1.17340D-03
47	8.70341D-03	5.91514D-03	-2.48978D-02	-6.79712D-04	3.23327D-04	-4.22818D-04
48	7.35198D-03	6.19035D-03	-2.26844D-02	-6.01826D-04	2.95184D-04	-4.87773D-04
49	-9.39008D-03	8.18221D-03	-6.90587D-03	-1.70641D-04	-7.95099D-05	-2.66431D-04
50	-3.55693D-03	3.28633D-03	-5.65745D-03	-2.28118D-04	-3.44462D-04	-1.04107D-04
51	-2.14013D-03	1.95093D-03	-4.05738D-03	-2.36585D-04	-3.36943D-04	-8.44985D-05

52	-4.34408D-05	-1.41845D-06	-5.61967D-05	-5.88328D-06	-2.65689D-05	4.52087D-07
53	-6.70637D-11	-1.18403D-11	-7.00470D-11	-8.02880D-10	-2.30253D-09	1.85044D-10
54	-8.52010D-03	-3.81864D-04	-2.21881D-02	-1.01914D-03	-6.67315D-04	4.63225D-05
55	1.11554D-02	-3.75477D-02	-1.59167D-02	-1.12498D-03	-3.37114D-04	-1.51171D-04
56	6.34015D-03	-4.79143D-02	-9.99096D-03	-9.30606D-04	1.20832D-03	-4.01660D-04
57	1.87193D-02	4.26422D-04	-4.90991D-02	-6.39329D-04	-7.50497D-04	-2.77575D-04
58	1.67573D-02	1.07992D-03	-4.48249D-02	-8.51169D-04	1.25521D-06	-3.69361D-04
59	1.06519D-02	1.61380D-03	-3.16430D-02	-7.64837D-04	2.83232D-04	-4.23316D-04
60	4.21211D-02	-6.44120D-03	-5.55828D-02	-3.20595D-03	-7.57376D-04	2.46010D-03
61	1.93004D-02	-2.95459D-02	-1.01569D-01	-1.42840D-03	-1.38430D-03	2.99064D-03
62	1.55900D-01	4.17449D-03	-4.77342D-02	-1.26140D-04	-1.75638D-03	1.70312D-03
63	1.67117D-01	6.90371D-03	-3.65180D-02	-1.04864D-03	-9.09447D-05	-4.58586D-04
64	1.66980D-01	-4.23400D-02	-5.21119D-02	-6.13472D-04	3.71932D-04	-2.36011D-04
65	1.23230D-01	-1.91781D-02	-6.47207D-02	-2.56406D-04	3.55737D-04	4.54245D-03
66	-2.02191D-02	-1.93407D-02	-7.11048D-02	-2.16343D-04	4.40204D-04	4.75734D-03
67	-8.35082D-02	-1.43927D-03	-7.79696D-02	-1.11770D-03	-4.14314D-04	2.97259D-03
68	1.28567D-02	-7.59425D-03	-2.01178D-02	-4.44844D-04	-4.48600D-04	-1.82685D-04
69	1.40767D-02	-1.15493D-02	-1.94898D-02	-4.16679D-04	6.70606D-05	-3.48989D-04
70	9.06905D-03	-2.56709D-02	-1.89841D-02	-3.05946D-04	8.03222D-06	-1.09290D-03
71	2.55032D-03	-5.38565D-02	-9.36544D-03	-5.01422D-04	-6.50589D-04	-1.08012D-03
72	-6.20815D-03	-5.85163D-02	-6.70952D-04	-8.46981D-05	-5.57066D-04	-2.50373D-04
73	1.04381D-03	-5.93131D-02	-2.63101D-02	2.64087D-04	-3.79097D-04	2.62862D-04
74	7.28881D-03	-4.92440D-02	-2.13266D-02	-5.61871D-05	-3.48956D-04	7.04881D-04
76	8.88446D-03	5.93102D-03	-1.54071D-02	-1.67877D-04	1.84592D-04	-6.93365D-04
77	8.72534D-03	1.84638D-02	-9.28821D-03	-5.91912D-05	2.52555D-04	-3.68837D-04
78	1.14666D-03	1.44521D-02	-6.92069D-04	2.16660D-04	4.36906D-04	3.54207D-04
79	-8.15191D-04	1.22863D-02	1.08768D-02	-3.70793D-04	4.02088D-05	-1.21524D-04
80	-2.63203D-05	1.79964D-03	2.72492D-05	-1.50082D-04	3.91840D-06	-2.42185D-05
82	9.88014D-04	5.95226D-03	1.69645D-03	-1.21285D-04	1.48033D-04	5.90390D-05
83	5.31524D-04	5.15843D-03	1.65356D-03	-1.61308D-04	1.40024D-04	-1.57649D-04
84	-2.50534D-04	1.23754D-03	-5.57094D-04	-1.34174D-04	1.20786D-04	-1.76648D-04
85	-9.52620D-04	2.88766D-04	-6.18661D-04	-5.33509D-05	9.42337D-05	-2.08820D-05
86	-7.55833D-05	2.51807D-04	3.25712D-05	5.34199D-06	4.60405D-06	1.64677D-05
87	-6.83648D-05	2.64221D-04	6.31416D-06	1.73629D-05	3.91391D-06	-4.17331D-06
88	-4.80511D-05	1.70501D-04	-8.94983D-07	1.39206D-05	3.82538D-06	-2.65639D-06
90	-6.35255D-05	1.07952D-04	1.57268D-05	-2.43038D-06	-6.96816D-06	1.15227D-05
91	-3.57964D-05	6.83722D-05	1.66294D-06	-4.89132D-06	-3.28271D-06	6.44984D-06
93	-8.85633D-04	1.91193D-02	1.94823D-04	8.92493D-04	4.91561D-05	-4.18973D-04
94	-4.41279D-03	8.52088D-02	1.07747D-03	1.34221D-03	9.38632D-05	-8.04066D-04
95	4.70266D-02	8.20246D-02	-4.33456D-02	-2.13696D-03	1.92008D-04	-1.81081D-03
96	4.82338D-02	6.48769D-02	-4.63958D-02	-2.32282D-03	2.93462D-04	-1.57662D-03
97	4.50399D-02	2.31977D-02	-4.68688D-02	-2.23742D-03	1.55379D-04	-1.80517D-03
98	4.43950D-02	-6.36218D-08	-4.79691D-02	-2.24470D-03	1.30566D-04	-1.77130D-03
99	6.20581D-02	-1.22308D-01	-2.60582D-02	-4.13600D-04	-5.53274D-04	3.05847D-03
100	7.47675D-02	-6.73630D-02	-1.25804D-02	-6.87112D-04	-7.16361D-04	3.29696D-03
101	9.16321D-02	-1.63143D-02	4.30949D-03	-1.57163D-03	-7.25525D-04	3.00390D-03
102	1.02747D-01	-1.51426D-03	1.59010D-02	-2.14818D-03	-6.09164D-04	2.48530D-03
103	7.10850D-02	-6.54043D-03	-1.69489D-02	-2.76732D-03	-7.23512D-04	2.56254D-03
104	1.39975D-02	-1.07868D-01	8.03788D-03	1.41190D-03	9.34742D-04	1.54796D-03
105	-4.77996D-03	-7.46737D-02	8.19438D-03	1.77607D-03	7.84795D-04	1.59541D-03
106	-5.01182D-02	-7.11771D-02	5.73886D-02	1.89889D-03	7.74464D-04	1.68986D-03
107	-1.92638D-02	-3.49275D-02	8.16159D-03	1.88655D-03	6.28955D-04	1.45077D-03
108	-3.43140D-02	7.27306D-03	1.08581D-02	1.29286D-03	-2.61008D-05	7.66921D-04
109	-3.21559D-02	1.38462D-02	1.08250D-02	5.57520D-04	-5.32656D-04	1.18814D-04
110	-3.02361D-02	1.50429D-02	1.08107D-02	2.22273D-04	-7.06831D-04	-1.58947D-04
111	-2.62394D-02	1.48303D-02	1.07879D-02	-3.32214D-04	-9.27781D-04	-5.98734D-04
112	-2.02978D-02	1.17429D-02	1.07698D-02	-7.10088D-04	-1.02015D-03	-8.82076D-04
113	1.41815D-02	1.18496D-02	-2.46090D-02	-1.48841D-03	-1.09573D-03	-1.36700D-03
114	-1.40820D-02	7.34506D-03	1.07709D-02	-7.46925D-04	-1.04525D-03	-8.86228D-04
115	-1.13080D-02	5.34045D-03	1.07716D-02	-7.68967D-04	-1.05973D-03	-8.89789D-04

116	-7.69530D-03	2.69140D-03	1.07724D-02	-7.88626D-04	-1.07176D-03	-8.94368D-04
117	-4.05191D-03	1.16589D-08	1.07727D-02	-7.93955D-04	-1.07640D-03	-8.94368D-04
118	-1.01840D-02	2.69143D-03	1.30215D-02	-9.12525D-04	-1.04228D-03	-9.91967D-04
119	4.15758D-03	-6.05675D-03	1.07729D-02	-7.94382D-04	-1.07669D-03	-8.94368D-04
120	-1.59054D-02	2.69144D-03	1.84213D-02	-1.06833D-03	-9.81921D-04	-1.11453D-03
121	-1.78085D-02	-6.30104D-05	2.26553D-02	-1.07709D-03	-9.77451D-04	-1.12140D-03
122	-3.43021D-02	-2.37457D-07	1.03470D-02	1.17603D-03	-5.27187D-05	6.93246D-04
123	-3.42730D-02	-1.19087D-02	8.91795D-03	9.54053D-04	-8.43005D-05	5.45868D-04
124	-3.41613D-02	-2.80434D-02	4.31997D-03	3.93271D-04	-7.15415D-05	1.02656D-04
125	-3.41312D-02	-2.85706D-02	3.63414D-03	2.76441D-04	-5.11313D-05	6.57023D-08
126	-3.40793D-02	-2.72318D-02	2.81773D-03	1.31570D-04	-1.32434D-05	-1.28493D-04
127	-3.25705D-02	-2.70292D-02	6.60551D-03	1.40840D-04	-7.38045D-06	-5.87895D-05
128	-3.39182D-02	-2.18219D-02	2.82876D-03	-3.21586D-05	4.13475D-05	-3.31081D-04
129	-3.38579D-02	-1.94305D-02	3.10308D-03	-1.11380D-04	7.85432D-05	-4.06870D-04
130	-3.04228D-02	-9.86101D-03	4.21266D-03	-4.37764D-04	3.42843D-04	-6.60081D-04
131	-3.47519D-02	-1.62955D-02	4.24326D-03	-1.75694D-04	4.23869D-05	-5.03000D-04
132	-1.29005D-02	-4.23987D-07	-8.09550D-03	1.90496D-04	-2.96601D-04	-2.38909D-04
133	-7.95183D-03	-2.44116D-03	-1.24881D-02	1.91853D-04	2.05335D-04	5.82632D-05
134	-2.21036D-02	2.59074D-07	4.16497D-03	-6.59706D-04	5.17659D-04	-8.77358D-04
135	-1.32800D-02	1.14578D-02	4.12219D-03	-7.86952D-04	5.73674D-04	-1.06907D-03
136	-8.15237D-04	2.90165D-02	4.07544D-03	-8.18726D-04	5.41651D-04	-1.22756D-03
137	3.50906D-02	3.25978D-02	-1.81522D-02	-8.61722D-04	5.43807D-04	-1.30681D-03
138	9.70444D-03	4.53840D-02	4.08812D-03	-7.41582D-04	4.60459D-04	-1.22487D-03
139	1.89295D-02	2.66630D-02	5.02881D-04	-2.96122D-04	-3.52032D-05	-1.13550D-03
140	1.47249D-02	8.09828D-07	4.68695D-03	-2.19787D-04	-1.75283D-04	-8.43684D-04
141	1.31579D-02	-4.66423D-03	6.24429D-03	-2.19972D-04	-1.90247D-04	-7.52427D-04
142	1.32596D-02	-8.27270D-03	6.38594D-03	-1.80149D-04	1.06842D-04	-2.51983D-04
143	1.28911D-02	-8.93999D-03	6.03469D-03	-1.43564D-04	2.08807D-04	-1.80289D-05
144	1.19114D-02	-8.75267D-03	5.08237D-03	-6.20806D-05	3.38255D-04	3.76025D-04
145	1.03100D-02	-6.73913D-03	3.50258D-03	1.12391D-05	3.92579D-04	6.50728D-04
146	-1.94661D-02	-6.58791D-03	9.19869D-03	3.00485D-04	4.20587D-04	1.28288D-03
147	8.58922D-03	-4.01375D-03	1.78068D-03	-5.42297D-06	4.13306D-04	6.37493D-04
148	7.80474D-03	-2.86607D-03	9.95732D-04	-1.47326D-05	4.25102D-04	6.31123D-04
149	6.76992D-03	-1.42356D-03	-3.96345D-05	-2.22972D-05	4.34773D-04	6.27338D-04
150	5.71812D-03	8.41377D-09	-1.09160D-03	-2.46055D-05	4.38263D-04	6.25030D-04
151	8.53698D-03	-1.42357D-03	1.49623D-05	-1.95563D-05	4.17548D-04	7.10651D-04
152	3.35506D-03	3.23903D-03	-3.45481D-03	-2.44440D-05	4.38268D-04	6.25191D-04
153	1.26895D-02	-1.42357D-03	1.08939D-04	-1.60233D-05	3.82279D-04	8.15386D-04
154	1.52295D-02	3.34218D-05	-5.17655D-04	-1.58177D-05	3.79666D-04	8.21268D-04
155	3.40712D-03	-6.79477D-07	5.52001D-03	2.42255D-05	-2.48807D-04	-4.18512D-04
156	-3.24700D-03	4.73469D-03	-1.11750D-03	2.23359D-04	-2.28002D-04	-2.17108D-04
157	-6.50496D-03	3.89644D-03	-4.43622D-03	2.68160D-04	-2.17654D-04	-1.72040D-04
158	-2.40449D-03	3.20798D-03	3.26912D-03	2.74748D-04	-2.18376D-04	-1.66486D-04
159	-9.70587D-03	1.86482D-03	-7.58623D-03	2.86444D-04	-2.03075D-04	-1.50880D-04
160	-1.14315D-02	3.21808D-07	-9.37835D-03	2.92104D-04	-1.54176D-04	-1.37085D-04
161	-1.24122D-02	-3.39293D-03	-1.03435D-02	2.30229D-04	1.21999D-04	-1.56713D-04
162	-2.77983D-03	-6.81151D-09	8.20977D-03	1.81975D-04	3.40803D-04	-1.34602D-04
163	-6.92674D-04	9.35439D-04	1.36045D-02	1.76902D-04	3.62427D-04	-1.20907D-04
164	7.50450D-04	1.55423D-03	1.77577D-02	1.73856D-04	3.67586D-04	-1.10212D-04
165	5.43324D-03	3.83071D-03	3.60356D-02	1.61798D-04	1.30037D-04	-3.96539D-05
166	2.13581D-01	8.17575D-02	-2.79063D-02	-4.59738D-04	-7.15094D-04	-1.18969D-03
167	2.35011D-01	8.23329D-02	-3.67814D-02	-5.21227D-04	-7.21882D-04	-1.28597D-03
168	2.20471D-01	9.13890D-02	-3.68946D-02	-5.64552D-04	-7.27671D-04	-1.08334D-03
169	2.17586D-01	1.01759D-01	-4.62489D-02	-1.19491D-03	-7.59193D-04	-4.33229D-04
170	2.09077D-01	1.39638D-01	-7.38047D-02	-3.58259D-03	-8.09827D-04	-1.65511D-03
171	2.07382D-01	1.39663D-01	-6.25928D-02	-3.23082D-03	-8.09827D-04	3.91196D-04
172	2.10222D-01	1.39682D-01	-5.42129D-02	-3.03795D-03	-8.09827D-04	1.52889D-03
173	2.18598D-01	1.39691D-01	-3.87336D-02	-3.01501D-03	-8.09827D-04	1.66898D-03
174	2.30149D-01	1.39693D-01	-1.84052D-02	-3.01021D-03	-8.09827D-04	1.72897D-03
175	2.07620D-01	1.55349D-01	-7.84768D-02	-4.07147D-03	-8.20073D-04	-2.31824D-03

176	9.42604D-02	2.47964D-01	-1.20749D-07	-8.42767D-03	-2.71820D-05	-9.55081D-03
177	3.18317D-02	-3.67341D-09	1.01476D-01	-8.59621D-03	-6.31978D-04	7.74876D-05
178	3.19001D-02	-3.78435D-02	-3.77074D-08	-6.98253D-03	-1.88397D-03	4.72206D-04
179	-1.95043D-02	-3.60065D-08	6.47778D-02	-3.72658D-03	1.04025D-03	-1.48642D-03
180	-7.78922D-04	-6.87667D-03	2.61970D-03	-2.25538D-03	-9.66176D-04	-5.57976D-04
181	1.89728D-03	-7.95835D-03	-6.20451D-03	-2.11624D-03	-8.64122D-04	-5.56568D-04
182	1.18420D-02	-1.18318D-03	-3.57559D-02	-8.00117D-04	2.56977D-04	-4.31236D-04
183	1.13210D-02	7.43302D-05	-3.39523D-02	-7.84124D-04	2.70841D-04	-4.27856D-04
184	1.36454D-02	1.60878D-03	-3.76494D-02	-8.15436D-04	1.51881D-04	-3.90728D-04
185	9.93087D-03	3.22008D-03	-2.91398D-02	-7.31329D-04	3.07749D-04	-4.24626D-04
186	-7.01068D-03	2.13293D-03	-9.33355D-03	-3.47412D-04	1.60134D-04	-4.25162D-04
187	-8.12593D-03	2.45735D-03	-8.25453D-03	-3.14828D-04	1.30442D-04	-4.15790D-04
188	-8.98625D-03	2.93799D-03	-7.46833D-03	-2.84010D-04	1.02414D-04	-4.07222D-04
189	-2.84615D-03	2.61539D-03	-4.86375D-03	-2.32230D-04	-3.41681D-04	-9.42731D-05
190	5.62748D-03	2.91629D-08	1.98687D-07	1.43706D-04	-2.81185D-04	2.91072D-05
191	5.74882D-03	-3.27871D-08	1.82551D-03	1.24177D-04	1.30498D-04	2.91864D-06
192	5.75012D-03	-4.30484D-05	2.68466D-03	1.23404D-04	1.26680D-04	5.04136D-06
193	5.49498D-03	-1.56835D-04	5.44171D-03	1.51449D-04	5.52268D-05	4.71931D-05
194	3.02602D-03	-5.30619D-04	9.29225D-04	7.26567D-06	-5.67706D-05	-4.34267D-05
195	8.05961D-04	-1.72729D-04	2.48185D-04	-1.58389D-06	-4.13170D-05	-2.04400D-05
196	-8.17924D-03	-3.78256D-04	-1.51753D-02	-9.90298D-04	-6.59453D-04	5.12330D-05
197	-8.79175D-03	-7.48291D-04	-3.24833D-02	-1.03142D-03	-6.67061D-04	4.96391D-05
198	-3.19590D-03	-8.40083D-03	-2.05422D-02	-1.03227D-03	-6.69466D-04	3.39881D-05
199	3.02374D-03	-4.66722D-02	9.24436D-04	-9.02891D-04	1.21258D-03	-4.56146D-04
200	-2.90912D-03	-4.23880D-02	2.04740D-02	-8.43593D-04	1.01327D-03	-5.77741D-04
201	-5.03965D-03	-4.23914D-02	2.35052D-02	-9.71727D-04	1.04497D-03	-6.83062D-04
202	-6.49456D-03	-4.23934D-02	2.55793D-02	-1.02913D-03	1.06472D-03	-7.09673D-04
203	-1.05878D-02	-4.10385D-02	3.40152D-02	-1.11964D-03	1.05974D-03	-6.74959D-04
204	-1.27769D-02	-3.84446D-02	4.11494D-02	-1.12343D-03	8.11858D-04	-7.57842D-04
205	-1.41566D-02	-3.55268D-02	4.56385D-02	-1.14522D-03	6.52290D-04	-7.69592D-04
206	-7.55075D-03	-3.55133D-02	3.58034D-02	-7.84285D-04	6.81513D-04	-6.83009D-04
207	-1.02470D-02	-1.79392D-02	4.49062D-02	-7.28469D-04	-2.28789D-04	-6.37887D-04
208	1.75083D-02	1.63756D-08	-4.51708D-02	-6.48366D-04	-8.27785D-04	-2.78908D-04
209	4.44875D-02	-2.93760D-02	-9.21955D-02	-1.13513D-03	-1.61018D-03	3.03234D-03
210	5.80325D-02	-2.84545D-02	-8.68231D-02	-1.12181D-03	-1.64302D-03	3.02999D-03
211	-7.75995D-03	-2.58723D-02	-1.12243D-01	-1.23480D-03	-1.63922D-03	3.03692D-03
212	7.19955D-02	-2.70233D-02	-8.12093D-02	-1.02460D-03	-1.67708D-03	3.00434D-03
213	1.42577D-01	-8.17380D-07	-5.30656D-02	-1.25878D-04	-1.82837D-03	1.96974D-03
214	-8.25100D-02	1.54002D-07	-7.73601D-02	-1.11195D-03	-4.37549D-04	2.91205D-03
215	9.83536D-03	-2.27160D-02	-1.91067D-02	-3.26211D-04	8.46257D-05	-9.16136D-04
216	9.01233D-03	-1.42473D-02	-1.85034D-02	-2.62799D-04	7.22430D-05	-1.03720D-03
217	9.07581D-03	-3.76593D-02	-1.80263D-02	-3.35444D-04	-9.38314D-05	-1.16207D-03
218	-7.56407D-03	-5.85817D-02	-5.07179D-07	-3.45290D-05	-5.46774D-04	-2.07973D-04
219	-5.57196D-03	-5.92578D-02	-1.80931D-02	3.10463D-04	-4.09551D-04	1.97487D-04
220	-5.17234D-03	-5.92610D-02	-1.87187D-02	3.09779D-04	-4.08690D-04	1.99044D-04
221	-5.03809D-03	-5.81368D-02	-1.65858D-02	3.09767D-04	-4.08551D-04	1.98561D-04
222	-4.76872D-03	-5.92629D-02	-1.93408D-02	3.09020D-04	-4.07962D-04	2.00892D-04
223	-1.02603D-03	-5.93121D-02	-2.41340D-02	2.76668D-04	-3.84747D-04	2.49367D-04
224	-5.22289D-04	-5.93134D-02	-2.46885D-02	2.75407D-04	-3.84019D-04	2.50559D-04
225	-3.79472D-04	-5.79164D-02	-2.26827D-02	2.75398D-04	-3.83831D-04	2.50080D-04
226	-1.58402D-05	-5.93135D-02	-2.52377D-02	2.74134D-04	-3.83470D-04	2.52029D-04
227	3.67284D-03	-2.60819D-02	-1.08157D-02	-9.91328D-05	-2.93708D-04	6.40516D-04
228	8.93181D-03	-7.95506D-07	-1.68290D-02	-2.02662D-04	1.48379D-04	-8.39192D-04
229	4.85107D-03	5.93385D-03	-1.44149D-02	-1.51957D-04	1.82772D-04	-5.79690D-04
230	2.67747D-03	5.93552D-03	-1.38293D-02	-1.47614D-04	1.81631D-04	-5.13534D-04
231	2.76194D-07	1.44327D-02	-8.34781D-08	2.18860D-04	4.32345D-04	3.43052D-04
232	-1.88879D-03	1.23440D-02	1.39531D-02	-3.46735D-04	4.85123D-05	-1.25367D-04
233	-1.63671D-03	1.23388D-02	1.32536D-02	-3.49220D-04	4.77495D-05	-1.25096D-04
234	-1.41028D-03	1.42715D-02	1.33574D-02	-3.49343D-04	4.77429D-05	-1.25102D-04
235	-1.38504D-03	1.23333D-02	1.25477D-02	-3.51530D-04	4.69930D-05	-1.24788D-04

236	-1.52354D-09	5.95425D-03	8.60278D-10	-1.21212D-04	1.50917D-04	8.17645D-05
237	8.06719D-05	5.95419D-03	1.21680D-04	-1.21274D-04	1.50632D-04	7.67159D-05
238	5.22618D-04	5.95406D-03	8.49927D-04	-1.21189D-04	1.50264D-04	6.96589D-05
239	5.22717D-04	5.52515D-03	1.79982D-03	-1.21189D-04	1.50622D-04	6.85574D-05
240	9.25430D-04	5.95294D-03	1.57581D-03	-1.21148D-04	1.49007D-04	6.38644D-05
241	-1.61214D-04	2.55000D-04	5.65868D-05	4.93430D-06	1.23066D-05	2.23569D-05
242	-7.49477D-05	2.95052D-04	1.89062D-05	9.50944D-06	3.67997D-06	1.04726D-05
243	-7.52614D-05	1.77233D-04	3.80868D-05	1.13344D-06	1.12719D-06	1.66510D-05
244	-4.34931D-05	1.54230D-04	-7.49869D-07	1.32270D-05	3.67419D-06	-2.17776D-06
245	-2.13604D-05	7.53075D-05	-5.06172D-07	1.13091D-05	3.17256D-06	-1.56024D-06
246	-1.15517D-05	7.53216D-05	7.08685D-05	1.13232D-05	3.17256D-06	-1.55793D-06
247	-3.80764D-06	1.31930D-05	-2.75144D-07	7.59640D-06	2.14322D-06	-9.48414D-07
248	-3.22590D-05	6.20908D-05	1.39974D-06	-4.92809D-06	-2.97095D-06	5.30294D-06
249	-1.52983D-05	3.12382D-05	9.57752D-07	-4.45522D-06	-2.41295D-06	3.82320D-06
250	-3.94554D-05	3.12441D-05	-2.71589D-05	-4.46063D-06	-2.41295D-06	3.83107D-06
251	-2.46461D-06	5.91229D-06	5.20612D-07	-3.07430D-06	-1.58077D-06	2.32399D-06
252	3.00778D-03	-1.84326D-02	-1.85600D-02	-1.09228D-03	-6.02886D-04	-4.14789D-05

M O D A L A N A L Y S I S

MODE NUMBER 25
FREQUENCY= 21.9409 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.14009D-01	-5.38878D-02	-3.12869D-02	-8.16888D-04	-1.56927D-03	4.95162D-04
3	1.15864D-01	-7.42315D-02	-5.80782D-02	-1.78654D-03	-8.26141D-04	1.54547D-03
4	8.72545D-02	-7.41891D-02	-9.07194D-02	-1.75859D-03	-7.11505D-04	1.62061D-03
5	6.16420D-02	-6.78409D-02	-1.09886D-01	-1.25490D-03	-6.77590D-04	2.06171D-03
6	5.60920D-02	-2.95238D-02	-1.02163D-01	-9.05325D-04	-6.50274D-04	2.19761D-03
7	7.35438D-02	4.17417D-02	-6.89418D-02	-8.09108D-04	-7.88228D-04	1.69725D-03
8	1.24979D-01	6.71939D-02	5.01207D-03	-8.13795D-04	-6.45077D-04	-4.52378D-05
9	2.00198D-01	-2.48334D-03	8.33080D-02	5.59219D-04	3.67123D-05	-3.60047D-04
10	1.95864D-01	4.33379D-07	7.86883D-02	5.30384D-04	6.89107D-04	-2.37272D-04
11	1.16826D-02	3.11046D-02	3.68864D-03	-2.94529D-04	1.10010D-03	3.44195D-04
12	-3.76245D-02	1.62128D-06	3.43073D-03	-4.07215D-04	4.51236D-04	8.94059D-05
13	-4.30537D-02	-3.24437D-03	5.81386D-03	-2.61713D-04	-4.53869D-05	-1.61735D-04
14	-4.24541D-02	-1.13650D-02	8.20506D-03	-2.97072D-04	4.16408D-04	-1.72521D-04
15	-3.59490D-02	-9.24176D-03	8.18757D-03	2.26778D-04	-3.79138D-04	-1.39448D-04
16	-2.65878D-02	-7.84377D-04	-9.12474D-04	2.86491D-04	-3.86986D-04	-6.61520D-05
17	-2.60212D-02	-8.79661D-03	-2.25752D-02	3.02654D-04	7.11361D-06	1.39021D-04
18	-2.48452D-02	-1.24617D-02	-2.07023D-02	2.94372D-04	2.27699D-04	8.61834D-05
19	-2.14879D-02	-1.67473D-02	-1.74680D-02	2.89474D-04	2.70939D-04	4.33146D-05
20	-1.96327D-02	-1.83809D-02	-1.34702D-02	2.50427D-04	2.31194D-04	-6.16211D-05
21	-1.91930D-02	-9.53151D-03	-4.11058D-03	1.69133D-04	9.87452D-05	-2.79743D-04
22	-1.00622D-02	-4.98796D-04	-1.40329D-03	7.43219D-05	-5.62419D-05	-3.96844D-04
23	-1.34372D-09	1.84262D-11	-9.09754D-11	7.80448D-09	-1.44517D-08	-5.58036D-08
25	6.89178D-03	-1.40839D-03	2.29652D-03	3.99870D-05	-9.68033D-05	-8.13202D-05
26	8.64501D-03	1.74073D-03	8.16457D-03	3.64421D-04	-2.02233D-05	-1.02949D-05
27	8.75846D-03	1.73451D-03	1.22731D-02	3.70956D-04	-6.45049D-06	-1.13733D-05
28	9.29793D-03	9.67567D-04	1.81618D-02	2.93280D-04	1.96762D-04	-3.57395D-05
29	9.29213D-03	5.53993D-04	1.59126D-02	2.88650D-04	2.15524D-04	-3.23479D-05
30	8.76112D-03	2.78336D-03	5.19200D-02	2.23822D-04	-4.68273D-04	1.45153D-05
31	-1.54279D-02	9.69271D-04	-6.67297D-03	2.47231D-04	-3.18327D-04	-1.24125D-04
32	1.21035D-02	-2.35938D-03	2.08192D-02	-1.40928D-05	-4.90259D-04	-3.77524D-04
33	2.69724D-02	-5.72663D-03	2.09922D-02	-1.71396D-04	-4.50675D-04	-5.52684D-04
34	4.22021D-02	3.95330D-02	5.78872D-03	-4.16031D-04	2.66771D-04	-1.00943D-03
35	3.50135D-02	3.66035D-02	8.25440D-03	-5.49474D-04	6.81913D-04	-1.01178D-03
36	4.98265D-02	-3.93771D-03	-9.88333D-02	-7.59867D-04	-3.89546D-04	1.79307D-03
37	3.97028D-02	4.60824D-03	-9.87999D-02	3.76049D-04	4.54819D-05	5.22082D-04
38	5.35512D-02	4.36797D-03	-8.45443D-03	7.72708D-04	-1.38122D-04	-5.49485D-04
39	5.14003D-02	3.65927D-02	-1.33095D-02	-3.95073D-04	-3.63159D-05	-1.01709D-03
40	3.04143D-02	5.44200D-02	-4.15207D-03	-1.34597D-03	1.60052D-04	-2.44683D-03
41	1.33610D-02	5.44196D-02	5.58545D-03	-1.40100D-03	1.39032D-04	-2.33772D-03
42	-1.67820D-03	3.92945D-02	1.98216D-02	-1.77937D-03	-3.27354D-04	-1.37516D-03
43	3.72123D-03	9.79011D-03	1.98449D-02	-1.79071D-03	-3.10577D-04	-1.04081D-03
44	5.62151D-03	-1.11653D-03	1.86945D-02	-2.03484D-03	-3.69814D-05	-2.82509D-04
45	5.70950D-03	-1.77041D-03	-1.85848D-02	-1.25931D-03	-7.57927D-05	-2.16426D-04
46	5.69960D-03	-1.61722D-03	-1.85874D-02	-1.24152D-03	7.69223D-05	-2.73390D-04
47	3.51747D-03	2.56832D-03	-1.00354D-02	-2.82449D-04	1.19697D-04	-1.59859D-04
48	2.99975D-03	2.60216D-03	-9.19070D-03	-2.46533D-04	1.16022D-04	-1.92402D-04
49	-3.79366D-03	3.28398D-03	-2.79070D-03	-6.80177D-05	-3.16422D-05	-1.07329D-04
50	-1.44030D-03	1.32012D-03	-2.28490D-03	-9.17861D-05	-1.39226D-04	-4.17501D-05
51	-8.67598D-04	7.83453D-04	-1.63812D-03	-9.52324D-05	-1.36192D-04	-3.38225D-05

52	-1.76192D-05	-5.73097D-07	-2.27256D-05	-2.37060D-06	-1.07491D-05	1.92774D-07
53	-2.71707D-11	-4.78386D-12	-2.83535D-11	-3.23769D-10	-9.31547D+10	7.60529D-11
54	-4.50840D-03	3.80805D-04	-7.88463D-03	-8.42760D-04	-2.78300D-04	6.94179D-05
55	3.88014D-03	-2.97373D-02	-5.20271D-03	-9.11857D-04	-1.53488D-04	-8.87741D-05
56	2.37946D-03	-3.80896D-02	-3.18212D-03	-7.16709D-04	3.96497D-04	-2.99408D-04
57	8.03541D-03	3.65352D-04	-2.11903D-02	-3.72769D-04	-2.06399D-04	-1.84560D-04
58	6.68990D-03	8.98360D-04	-1.82415D-02	-3.79943D-04	1.36915D-05	-1.58852D-04
59	4.22674D-03	1.13702D-03	-1.25045D-02	-3.19352D-04	1.00801D-04	-1.57873D-04
60	2.03017D-01	-2.55873D-03	1.11692D-01	1.48288D-03	1.06747D-03	-5.23742D-05
61	1.55096D-01	1.61837D-02	1.19904D-01	-9.38008D-05	4.68766D-03	9.69694D-04
62	-2.48974D-01	-3.66580D-03	-4.18887D-02	-1.05778D-03	4.28909D-03	1.28663D-03
63	-2.66045D-01	6.61420D-03	-4.44208D-02	-1.19288D-03	-2.90339D-03	1.57732D-03
64	-2.66187D-01	9.89434D-02	2.55798D-01	-2.12428D-03	-4.25421D-03	3.36822D-04
65	-2.07259D-01	6.70008D-02	2.62244D-01	-3.70142D-03	-2.52903D-03	-6.04464D-03
66	-1.63940D-02	6.70245D-02	1.48601D-01	-3.71871D-03	-2.10801D-03	-6.35300D-03
67	7.96680D-02	6.24522D-03	1.12396D-01	-7.18610D-04	1.10836D-05	-2.99901D-03
68	-3.55753D-02	-2.10858D-02	4.15753D-02	9.67409D-04	5.56829D-04	7.03952D-04
69	-3.58304D-02	-1.07543D-02	4.09428D-02	1.24273D-03	-3.73343D-04	9.34598D-04
70	-1.78146D-02	3.74279D-02	3.99438D-02	1.06286D-03	-1.65152D-04	1.64224D-03
71	-8.24496D-03	7.93324D-02	2.17055D-02	1.35934D-03	1.16281D-03	1.57324D-03
72	4.22185D-03	8.60418D-02	2.02275D-03	2.89868D-04	9.21032D-04	3.30506D-04
73	-7.82042D-03	8.72182D-02	5.21239D-02	-5.88314D-04	6.76698D-04	-3.60698D-04
74	-1.53709D-02	7.33203D-02	4.44354D-02	1.96556D-05	7.08774D-04	-1.05618D-03
76	-1.74268D-02	-8.68760D-03	2.84577D-02	7.46189D-04	-4.93093D-04	1.01074D-03
77	-1.70945D-02	-2.68302D-02	1.32339D-02	5.05514D-04	-6.14470D-04	5.14633D-04
78	-2.23835D-03	-1.83064D-02	5.38933D-04	-1.51682D-04	-9.90086D-04	-6.87030D-04
79	6.72684D-04	-1.54536D-02	-1.33296D-02	4.23694D-04	-1.32427D-04	2.25995D-04
80	-1.66137D-06	-2.32499D-03	-3.16387D-05	1.91996D-04	-1.37876D-05	4.71330D-05
82	-8.89982D-04	-8.72365D-03	-9.42296D-04	7.15773D-05	-2.67710D-04	-4.81705D-05
83	-1.06800D-05	-7.55874D-03	-2.92706D-04	1.91740D-04	-2.08486D-04	2.47132D-04
84	1.12406D-03	-1.81073D-03	2.91571D-03	1.88486D-04	-1.73188D-04	2.61640D-04
85	2.09520D-03	-4.25073D-04	2.86656D-03	1.11929D-04	-1.19576D-04	1.67834D-05
86	1.16179D-04	-3.70680D-04	-3.81444D-05	1.35435D-05	-5.84102D-06	-2.75059D-05
87	1.06808D-04	-4.13898D-04	-8.71020D-06	-1.63040D-05	-5.27672D-06	7.90525D-06
88	7.65102D-05	-2.82465D-04	1.52251D-06	-2.19566D-05	-6.02109D-06	6.58809D-06
90	1.00671D-04	-1.33998D-04	-2.06417D-05	1.28356D-05	9.15004D-06	-1.52010D-05
91	6.09772D-05	-6.92001D-05	-1.71522D-06	5.73758D-06	5.33205D-06	-6.81766D-06
93	1.81637D-02	-7.03262D-03	-5.10602D-03	-3.55028D-04	-9.69688D-04	1.84704D-04
94	8.29178D-02	-3.67071D-02	-2.28073D-02	-7.11421D-04	-1.57067D-03	4.11993D-04
95	5.28116D-02	-4.64498D-02	-1.08303D-01	-9.80378D-04	-6.50525D-04	2.25000D-03
96	5.18789D-02	-1.33473D-02	-9.99271D-02	-8.06735D-04	-4.55703D-04	1.94533D-03
97	5.94809D-02	-1.27708D-02	-9.57452D-02	-8.60616D-04	-6.80176D-04	2.13634D-03
98	6.22596D-02	-1.64199D-07	-9.04713D-02	-8.37419D-04	-7.06206D-04	2.06640D-03
99	1.47509D-01	3.30427D-02	2.91884D-02	-6.22335D-04	-1.12678D-03	-5.03967D-04
100	1.74326D-01	1.18917D-02	5.71619D-02	-3.00147D-04	-1.27203D-03	-5.87637D-04
101	1.97867D-01	-2.12249D-03	8.08830D-02	2.95141D-04	-4.56058D-04	-4.61196D-04
102	1.98573D-01	-1.11404D-03	8.15030D-02	5.34903D-04	4.32526D-04	-2.91708D-04
103	2.02427D-01	-2.51820D-03	9.38407D-02	1.13082D-03	5.11096D-04	-1.76032D-04
104	2.99604D-03	2.81828D-02	3.57679D-03	-4.09511D-04	8.91822D-04	3.59260D-04
105	-1.45155D-02	1.88938D-02	3.50387D-03	-4.76084D-04	7.50108D-04	3.67839D-04
106	-2.60241D-02	1.99374D-02	-1.16273D-02	-5.01292D-04	7.52228D-04	4.27896D-04
107	-2.84620D-02	8.44856D-03	3.46944D-03	-4.77335D-04	6.07054D-04	2.54266D-04
108	-4.30534D-02	-1.69997D-03	5.18776D-03	-2.73790D-04	-8.62467D-05	-1.52133D-04
109	-4.05273D-02	-3.84040D-03	5.25612D-03	-2.10675D-04	-5.76651D-04	-5.26953D-04
110	-3.84856D-02	-4.42023D-03	5.28536D-03	-9.04091D-05	-7.43060D-04	-6.87590D-04
111	-3.43462D-02	-4.36231D-03	5.33157D-03	2.14111D-04	-9.50073D-04	-9.41932D-04
112	-2.82995D-02	-2.38100D-03	5.36793D-03	5.12114D-04	-1.03168D-03	-1.10580D-03
113	8.14345D-03	2.15639D-03	4.54139D-02	2.01295D-03	-9.55725D-04	-1.37853D-03
114	-2.18434D-02	-2.66673D-04	5.36835D-03	2.62469D-04	-1.10142D-03	-1.11264D-03
115	-1.88683D-02	1.23170D-04	5.36862D-03	1.22627D-04	-1.14101D-03	-1.11851D-03

116	-1.49187D-02	1.88827D-04	5.36893D-03	9.27871D-06	-1.17337D-03	-1.12605D-03
117	-1.08906D-02	8.95323D-08	5.36906D-03	-2.81164D-05	-1.18483D-03	-1.12605D-03
118	-1.81068D-02	1.88830D-04	5.39231D-03	-2.37078D-05	-1.12482D-03	-1.28682D-03
119	-1.85722D-03	-2.14400D-04	5.36918D-03	-2.81317D-05	-1.18469D-03	-1.12605D-03
120	-2.56650D-02	1.88835D-04	5.65091D-03	-6.49545D-05	-1.02541D-03	-1.48864D-03
121	-2.89495D-02	1.78418D-05	5.91403D-03	-6.72613D-05	-1.01805D-03	-1.49995D-03
122	-4.30528D-02	-1.28135D-06	3.97809D-03	-2.88138D-04	-1.21489D-04	-1.06981D-04
123	-4.30435D-02	8.38841D-04	1.06293D-03	-3.15400D-04	-1.50103D-04	1.58555D-06
124	-4.29714D-02	-4.25738D-03	-4.63896D-03	-3.84273D-04	-8.73374D-06	1.72660D-04
125	-4.29476D-02	-6.13708D-03	-4.53081D-03	-3.98622D-04	5.91186D-05	1.89823D-04
126	-4.29053D-02	-1.03526D-02	-2.42009D-03	-4.16414D-04	1.67801D-04	1.99762D-04
127	-5.17801D-02	-1.14113D-02	-1.44899D-02	-4.49910D-04	1.77244D-04	3.12023D-04
128	-4.26877D-02	-1.26815D-02	2.28023D-03	-3.66079D-04	2.75506D-04	3.42868D-05
129	-4.26063D-02	-1.26217D-02	4.09779D-03	-3.41723D-04	3.25899D-04	-4.08560D-05
130	-3.58242D-02	-7.64564D-03	8.20884D-03	-3.83193D-04	6.54573D-04	-3.43240D-04
131	-4.59074D-02	-1.38928D-02	8.20459D-03	-1.83168D-04	2.39128D-04	-1.67734D-04
132	-2.65076D-02	-6.09278D-07	-6.50522D-03	2.89090D-04	-3.52290D-04	-7.62360D-06
133	-1.95128D-02	-1.70850D-02	-1.01454D-02	2.27519D-04	2.00009D-04	-1.16204D-04
134	-2.14648D-02	8.68757D-07	8.21331D-03	-5.19963D-04	8.79278D-04	-6.07079D-04
135	-6.87831D-03	8.98955D-03	8.21587D-03	-6.11667D-04	9.43878D-04	-8.39878D-04
136	1.34025D-02	2.25714D-02	8.21769D-03	-6.26873D-04	8.85873D-04	-1.03233D-03
137	4.52579D-02	2.55071D-02	-7.68456D-03	-6.46822D-04	8.90718D-04	-1.13374D-03
138	3.06602D-02	3.52021D-02	8.24458D-03	-5.75044D-04	7.50643D-04	-1.01852D-03
139	4.35367D-02	2.03643D-02	4.49071D-03	-2.53890D-04	-1.42949D-04	-9.00783D-04
140	3.30892D-02	6.12705D-07	1.49070D-02	-1.84791D-04	-4.04171D-04	-6.62624D-04
141	2.95153D-02	-3.57700D-03	1.84616D-02	-1.80214D-04	-4.32412D-04	-5.91192D-04
142	2.98691D-02	-5.99015D-03	1.87978D-02	-3.08602D-04	2.19755D-04	4.64984D-05
143	2.91140D-02	-6.31809D-03	1.80352D-02	-3.85138D-04	4.44945D-04	2.98216D-04
144	2.70403D-02	-6.15547D-03	1.59499D-02	-5.33066D-04	7.32621D-04	6.70138D-04
145	2.35895D-02	-5.30356D-03	1.24901D-02	-6.52410D-04	8.55198D-04	8.85722D-04
146	-3.42192D-03	-6.50896D-03	-1.34292D-02	-1.10311D-03	8.59014D-04	9.98715D-04
147	1.97753D-02	-3.83375D-03	8.67394D-03	-5.68490D-04	9.24499D-04	9.79147D-04
148	1.80009D-02	-2.92143D-03	6.89883D-03	-5.22366D-04	9.63777D-04	1.03342D-03
149	1.56325D-02	-1.52589D-03	4.52957D-03	-4.86243D-04	9.95834D-04	1.08003D-03
150	1.32090D-02	-4.41504D-08	2.10580D-03	-4.73033D-04	1.00712D-03	1.09324D-03
151	1.87108D-02	-1.52591D-03	5.88537D-03	-5.41219D-04	9.48100D-04	1.24841D-03
152	7.77974D-03	3.34569D-03	-3.32367D-03	-4.72864D-04	1.00690D-03	1.09341D-03
153	2.60931D-02	-1.52592D-03	9.01376D-03	-6.10212D-04	8.50358D-04	1.45990D-03
154	3.03480D-02	2.49487D-05	9.89786D-03	-6.14076D-04	8.43119D-04	1.47176D-03
155	8.94983D-03	-4.32797D-07	1.76813D-02	2.47927D-05	-4.77265D-04	-3.40003D-04
156	-3.22269D-03	3.93840D-03	5.57152D-03	1.89543D-04	-4.01872D-04	-1.81169D-04
157	-8.90564D-03	3.17563D-03	-2.04744D-04	2.32859D-04	-3.76934D-04	-1.40058D-04
158	-6.14169D-03	2.59136D-03	7.04411D-03	2.47797D-04	-3.78634D-04	-1.26409D-04
159	-1.43935D-02	1.42217D-03	-5.60465D-03	2.43771D-04	-3.47103D-04	-1.28352D-04
160	-1.72750D-02	1.93722D-07	-8.59797D-03	2.47183D-04	-2.57594D-04	-1.22683D-04
161	-1.88456D-02	-2.69531D-03	-1.01821D-02	2.12836D-04	1.87896D-04	-1.44482D-04
162	-4.16464D-03	-6.23389D-09	1.79547D-02	1.96707D-04	5.22644D-04	-1.27254D-04
163	-9.46933D-04	7.32520D-04	2.62341D-02	1.97639D-04	5.63712D-04	-1.15522D-04
164	1.33047D-03	1.21555D-03	3.27615D-02	1.98743D-04	5.77197D-04	-1.06328D-04
165	8.73999D-03	3.00678D-03	6.15095D-02	2.09502D-04	1.91938D-04	-4.47526D-05
166	4.97578D-02	4.37228D-03	-1.39177D-02	7.82971D-04	-1.36131D-04	-5.41220D-04
167	5.93639D-02	4.52280D-03	-7.82456D-04	7.72395D-04	-1.37956D-04	-5.72257D-04
168	5.32857D-02	7.27037D-03	-9.54636D-03	7.53763D-04	-1.38681D-04	-5.27302D-04
169	5.27161D-02	1.10954D-02	-1.12050D-02	5.55503D-04	-1.07617D-04	-4.09336D-04
170	5.16888D-02	2.59405D-02	-1.30179D-02	-1.27643D-04	-3.00983D-05	-7.14061D-04
171	5.02036D-02	2.59452D-02	-1.28288D-02	-1.39467D-06	-3.00983D-05	-2.38783D-04
172	4.99768D-02	2.59488D-02	-1.29354D-02	6.87761D-05	-3.00983D-05	2.51899D-05
173	5.02312D-02	2.59506D-02	-1.33212D-02	7.74103D-05	-3.00983D-05	5.76128D-05
174	5.06839D-02	2.59509D-02	-1.38612D-02	8.10704D-05	-3.00983D-05	7.09959D-05
175	5.15473D-02	3.06531D-02	-1.31549D-02	-2.60072D-04	-3.11143D-05	-8.59466D-04

176	2.28309D-02	5.44201D-02	-4.49636D-08	-1.37305D-03	1.51043D-04	-2.40889D-03
177	5.66300D-03	1.10144D-08	1.68188D-02	-1.82494D-03	-1.01168D-04	1.24620D-04
178	5.69851D-03	-8.61743D-03	-8.04947D-09	-1.53847D-03	-3.25004D-04	3.72030D-05
179	-2.90004D-03	-3.65908D-09	9.51678D-03	-9.25676D-04	1.99732D-04	-3.34992D-04
180	8.77667D-05	9.41357D-04	-2.84743D-04	-6.24718D-04	-2.33978D-04	-1.65831D-04
181	7.83524D-04	6.81044D-04	-2.56233D-03	-5.99835D-04	-2.34332D-04	-1.55482D-04
182	4.63156D-03	2.91998D-04	-1.39196D-02	-3.27860D-04	8.59034D-05	-1.54824D-04
183	4.45774D-03	6.63249D-04	-1.33100D-02	-3.24055D-04	9.31542D-05	-1.56080D-04
184	5.39042D-03	1.13295D-03	-1.50718D-02	-3.53510D-04	6.01735D-05	-1.56484D-04
185	3.96775D-03	1.65967D-03	-1.15993D-02	-3.04810D-04	1.11781D-04	-1.59346D-04
186	-2.78758D-03	7.95685D-04	-3.81099D-03	-1.39543D-04	6.56155D-05	-1.71082D-04
187	-3.24513D-03	9.30722D-04	-3.36891D-03	-1.26218D-04	5.35465D-05	-1.67472D-04
188	-3.59880D-03	1.13028D-03	-3.04594D-03	-1.13715D-04	4.21666D-05	-1.64089D-04
189	-1.15299D-03	1.05048D-03	-1.96408D-03	-9.34602D-05	-1.38105D-04	-3.77744D-05
190	9.00560D-03	1.76163D-08	3.51752D-07	2.44323D-04	-4.40643D-04	3.11766D-05
191	9.27934D-03	1.00517D-08	1.18122D-02	2.84379D-04	2.47594D-04	-2.82941D-05
192	9.28446D-03	1.97290D-04	1.34031D-02	2.85965D-04	2.36362D-04	-3.01288D-05
193	9.39204D-03	5.40602D-04	1.85611D-02	2.55515D-04	1.76351D-04	1.29306D-05
194	5.19862D-03	-1.36671D-03	1.67904D-03	1.61024D-05	-1.02020D-04	-7.09498D-05
195	1.34850D-03	-5.23734D-04	4.51496D-04	-1.05343D-05	-7.06891D-05	-3.63897D-05
196	-4.00420D-03	3.83430D-04	-2.05540D-03	-8.24426D-04	-2.73353D-04	7.41009D-05
197	-5.13107D-03	8.33119D-05	-1.63720D-02	-8.49021D-04	-2.78161D-04	7.13810D-05
198	-2.28013D-03	-6.17012D-03	-7.19499D-03	-8.52527D-04	-2.80470D-04	5.95238D-05
199	1.29321D-03	-3.72056D-02	3.95357D-04	-6.87620D-04	3.82688D-04	-3.42391D-04
200	-4.54749D-04	-3.39553D-02	6.16412D-03	-6.26233D-04	2.78541D-04	-4.38833D-04
201	-2.05591D-03	-3.39581D-02	8.30527D-03	-6.63981D-04	2.87200D-04	-5.08778D-04
202	-3.13406D-03	-3.39597D-02	9.69694D-03	-6.83481D-04	2.92593D-04	-5.23124D-04
203	-5.53932D-03	-3.28913D-02	1.36341D-02	-7.23771D-04	2.85180D-04	-4.81283D-04
204	-6.10315D-03	-3.08746D-02	1.54559D-02	-7.12420D-04	1.86961D-04	-5.41394D-04
205	-6.39017D-03	-2.85847D-02	1.63764D-02	-7.16352D-04	1.27902D-04	-5.48598D-04
206	-1.61091D-03	-2.85739D-02	1.00011D-02	-5.66174D-04	1.48677D-04	-5.22719D-04
207	-1.63746D-03	-1.45929D-02	1.01897D-02	-5.00884D-04	-1.37841D-04	-4.84987D-04
208	7.69925D-03	1.31888D-08	-2.01019D-02	-3.82671D-04	-2.34371D-04	-1.86268D-04
209	6.94249D-02	1.83277D-02	8.58450D-02	-3.16013D-04	5.22709D-03	8.07197D-04
210	2.55148D-02	1.82728D-02	6.81848D-02	-3.31719D-04	5.26847D-03	7.93531D-04
211	1.02536D-02	1.89668D-02	5.84718D-02	-2.72167D-04	5.26656D-03	7.83710D-04
212	-1.87807D-02	1.78135D-02	5.03324D-02	-3.92444D-04	5.29615D-03	7.98526D-04
213	-2.15833D-01	5.59147D-07	-2.86140D-02	-1.02724D-03	4.63772D-03	1.17776D-03
214	7.96754D-02	8.84126D-08	1.12338D-01	-6.61972D-04	7.24950D-05	-2.91711D-03
215	-2.09083D-02	2.67845D-02	4.01865D-02	1.14254D-03	-3.44013D-04	1.47410D-03
216	-1.76953D-02	2.06256D-02	3.75411D-02	9.63903D-04	-2.85042D-04	1.52928D-03
217	-1.78305D-02	5.54005D-02	3.94844D-02	1.09101D-03	4.62987D-05	1.74076D-03
218	5.97678D-03	8.61388D-02	1.02683D-06	1.75206D-04	9.06671D-04	2.68482D-04
219	1.34198D-03	8.71388D-02	3.42401D-02	-6.60272D-04	7.15201D-04	-2.81115D-04
220	7.73581D-04	8.71428D-02	3.55714D-02	-6.59519D-04	7.14000D-04	-2.82883D-04
221	5.55218D-04	8.55014D-02	3.18770D-02	-6.59505D-04	7.13733D-04	-2.82166D-04
222	2.01138D-04	8.71455D-02	3.68972D-02	-6.58593D-04	7.13055D-04	-2.85092D-04
223	-4.99109D-03	8.72172D-02	4.72990D-02	-6.09861D-04	6.82908D-04	-3.43202D-04
224	-5.68329D-03	8.72192D-02	4.85224D-02	-6.07749D-04	6.81963D-04	-3.44639D-04
225	-5.91141D-03	8.52529D-02	4.49930D-02	-6.07741D-04	6.81587D-04	-3.43926D-04
226	-6.37810D-03	8.72191D-02	4.97361D-02	-6.05586D-04	6.81376D-04	-3.46521D-04
227	-7.86298D-03	3.90535D-02	2.27915D-02	1.08539D-04	6.11627D-04	-9.66352D-04
228	-1.75262D-02	9.93533D-07	3.23185D-02	8.25972D-04	-4.26433D-04	1.22455D-03
229	-1.15400D-02	-8.69202D-03	2.40781D-02	6.45133D-04	-4.81473D-04	8.49550D-04
230	-8.34823D-03	-8.69466D-03	2.16292D-02	5.93206D-04	-4.74182D-04	7.57411D-04
231	-5.74856D-07	-1.82806D-02	1.62629D-07	-1.59043D-04	-9.80227D-04	-6.65147D-04
232	2.67376D-03	-1.55291D-02	-1.68242D-02	3.92336D-04	-1.50456D-04	2.34462D-04
233	2.20259D-03	-1.55223D-02	-1.60824D-02	3.95538D-04	-1.48807D-04	2.33826D-04
234	1.45567D-03	-1.77350D-02	-1.61737D-02	3.95694D-04	-1.48801D-04	2.33833D-04
235	1.73258D-03	-1.55151D-02	-1.52324D-02	3.98532D-04	-1.47164D-04	2.33126D-04

236	1.83298D-09	-8.72647D-03	-3.81862D-09	6.28788D-05	-2.78005D-04	-7.84259D-05
237	-7.71659D-05	-8.72641D-03	-6.45971D-05	6.49206D-05	-2.76182D-04	-7.16779D-05
238	-4.82874D-04	-8.72629D-03	-4.62601D-04	6.72922D-05	-2.73831D-04	-6.21694D-05
239	-4.82966D-04	-8.34983D-03	-2.19173D-03	6.72922D-05	-2.74273D-04	-6.04831D-05
240	-8.36768D-04	-8.72464D-03	-8.72250D-04	6.96158D-05	-2.70383D-04	-5.45875D-05
241	2.64383D-04	-3.75380D-04	3.25477D-05	2.10136D-05	-1.56152D-05	-3.96359D-05
242	1.15142D-04	-4.41001D-04	-2.30483D-05	2.58225D-06	-4.34709D-06	-1.75166D-05
243	1.15541D-04	-2.54247D-04	-4.72995D-05	1.49114D-05	-1.75071D-06	-2.66106D-05
244	6.92743D-05	-2.55900D-04	1.27580D-06	-2.13114D-05	-5.81274D-06	5.40530D-06
245	3.41065D-05	-1.26424D-04	8.61486D-07	-1.86083D-05	-5.04362D-06	3.87926D-06
246	9.68481D-06	-1.26448D-04	-1.16583D-04	-1.86318D-05	-5.04362D-06	3.87731D-06
247	6.12088D-06	-2.28511D-05	4.68284D-07	-1.26299D-05	-3.41493D-06	2.35807D-06
248	5.50379D-05	-6.25655D-05	-1.44373D-06	5.41606D-06	4.92028D-06	-5.60784D-06
249	2.64333D-05	-3.04331D-05	-9.87796D-07	4.59998D-06	4.08057D-06	-4.04692D-06
250	5.20236D-05	-3.04388D-05	2.80431D-05	4.60564D-06	4.08057D-06	-4.05742D-06
251	4.42381D-06	-5.27598D-06	-5.36943D-07	3.07953D-06	2.70250D-06	-2.45998D-06
252	3.54138D-04	-1.43292D-02	-6.35028D-03	-8.95346D-04	-2.56994D-04	-9.78378D-07

M O D A L A N A L Y S I S

MODE NUMBER 26
FREQUENCY= 22.7447 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
2	3.81662D-04	-7.96780D-03	3.97451D-05	-5.67580D-05	-3.05002D-05	1.31679D-04
3	4.22902D-05	-8.18953D-03	6.51132D-04	1.10557D-04	-1.14119D-04	1.23289D-04
4	-2.27238D-03	-8.19320D-03	2.77069D-03	1.07525D-04	-1.39460D-04	1.34856D-04
5	-4.36434D-03	-7.07354D-03	4.54841D-03	1.41405D-05	-1.27880D-04	1.97612D-04
6	-4.22816D-03	-2.77933D-03	7.09713D-03	-7.60044D-05	-1.00901D-04	2.18171D-04
7	-2.18050D-03	6.30975D-03	1.08446D-02	-9.09245D-06	-4.67573D-05	2.31383D-04
8	-4.83893D-03	1.98880D-02	7.75098D-03	-3.89487D-05	9.81839D-05	-4.75037D-05
9	-1.45799D-02	1.27347D-03	-2.18682D-03	8.24385D-05	7.18727D-05	-2.07499D-04
10	-1.53203D-02	1.91429D-07	-2.97000D-03	1.25581D-04	3.20244D-05	-1.66080D-04
11	-2.90374D-03	1.04203D-02	1.48732D-04	-6.75755D-05	-1.31863D-04	-1.23125D-04
12	3.66468D-03	1.17118D-07	1.33683D-04	-1.70251D-04	-6.54650D-05	-1.09436D-04
13	4.62488D-03	-1.41111D-03	-5.43537D-04	-1.30415D-04	-1.93132D-05	-8.21489D-05
14	4.54752D-03	2.65559D-03	-2.05258D-03	5.53857D-05	-2.35632D-05	8.26715D-05
15	2.55651D-03	3.25085D-03	-2.05201D-03	-2.27886D-05	5.50234D-05	7.85550D-05
16	1.26838D-03	9.77119D-04	-7.91028D-04	-3.35043D-05	5.48415D-05	6.72908D-05
17	1.21955D-03	-2.33046D-03	2.61613D-03	-3.75711D-05	9.38061D-06	6.52513D-06
18	1.15696D-03	-2.05893D-03	2.56231D-03	-3.99743D-05	-1.54155D-05	-8.49369D-06
19	9.02336D-04	-1.44725D-03	2.31711D-03	-3.78306D-05	-2.19116D-05	-1.49832D-05
20	7.38840D-04	-9.28230D-04	1.94293D-03	-3.49880D-05	-2.47605D-05	-2.11176D-05
21	7.05225D-04	1.78534D-04	6.85629D-04	-2.18849D-05	-1.82299D-05	-1.18749D-05
22	5.10439D-04	5.20056D-05	1.68385D-04	-9.18674D-06	3.63952D-07	1.66184D-05
23	9.86896D-11	-3.30844D-11	1.88526D-11	-9.05401D-10	7.22129D-10	3.02160D-09
25	-7.02900D-04	-7.75523D-03	-8.32312D-04	-2.38977D-04	4.58115D-05	-2.88459D-05
26	-1.23273D-03	-2.13557D-02	-2.08301D-02	-1.10214D-03	2.76830D-04	-8.45330D-05
27	-2.37224D-04	-2.13351D-02	-3.32228D-02	-1.09280D-03	3.00847D-04	-7.14554D-05
28	-2.95090D-03	-1.49139D-02	-5.46179D-02	-5.18681D-04	-7.23734D-05	4.96670D-04
29	-2.92558D-03	-9.22384D-03	-5.38229D-02	-4.32597D-04	-1.04792D-04	5.06217D-04
30	-2.02560D-03	-1.93060D-02	3.02841D-03	-9.02327D-05	6.70012D-05	-1.16396D-04
31	3.03057D-03	-3.50190D-04	-6.89704D-07	3.07907D-05	-1.48744D-05	-7.25664D-05
32	5.98152D-04	4.99708D-04	-2.53126D-03	3.96968D-05	6.25084D-05	4.45801D-05
33	-8.67143D-04	1.46968D-03	-2.70591D-03	3.10241D-05	3.18632D-05	1.16930D-04
34	-1.80171D-03	-9.49082D-03	-1.84723D-03	9.11753D-05	-1.82929D-05	2.23445D-04
35	-1.33685D-03	-9.22848D-03	-2.01405D-03	1.28745D-04	-4.64615D-05	2.19355D-04
36	-5.23098D-03	4.47469D-03	7.66071D-03	-3.78752D-04	-2.95796D-05	5.05585D-04
37	-9.21538D-03	1.08251D-02	3.63586D-03	-1.67935D-04	2.42353D-04	4.84595D-04
38	-7.65208D-02	1.19411D-02	-1.22216D-02	-5.21069D-04	1.35953D-03	7.91204D-04
39	-6.74690D-02	-4.28567D-02	2.26087D-02	-4.97325D-04	-7.18580D-04	1.97286D-03
40	-2.93343D-02	-7.45724D-02	2.73752D-03	8.84021D-04	-2.60911D-03	5.26577D-03
41	8.19017D-03	-7.45539D-02	-3.25737D-03	8.65973D-04	-2.92383D-03	5.20430D-03
42	7.76458D-02	-6.14481D-02	-1.32141D-02	1.94711D-03	-3.08021D-03	3.81598D-03
43	1.28156D-01	-2.77627D-02	-1.30453D-02	2.07082D-03	-2.77593D-03	2.74617D-03
44	1.38426D-01	-1.93375D-02	-1.07083D-02	3.01331D-03	1.99907D-03	2.95647D-04
45	1.38497D-01	-1.41391D-02	-4.38692D-01	1.12478D-03	-2.76837D-03	2.94297D-04
46	1.38604D-01	-1.43868D-02	-4.41296D-01	1.10588D-03	9.16396D-04	2.26635D-04
47	1.21028D-01	-1.25979D-03	-3.46645D-01	-2.10151D-03	3.89436D-03	-7.73314D-04
48	1.03851D-01	-2.46776D-03	-3.18751D-01	-1.59380D-03	3.92348D-03	-1.28036D-03
49	-1.41608D-01	2.45552D-02	-8.90571D-02	-1.47925D-04	-9.10513D-04	2.12869D-04
50	-6.49300D-02	1.24286D-03	-7.18998D-02	-1.85555D-03	-4.67692D-03	1.31396D-03
51	-4.57004D-02	-3.06265D-05	-5.01903D-02	-1.97373D-03	-4.59011D-03	1.46023D-03

52	-7.10068D-04	-1.28076D-05	-6.90182D-04	-6.46614D-05	-3.35339D-04	6.98545D-05
53	-8.99211D-10	-1.06910D-10	-8.84235D-10	-9.05292D-09	-2.90614D-08	9.66793D-09
54	-5.82090D-02	-1.15002D-02	-1.82809D-01	-6.51239D-03	-4.62489D-03	-2.93466D-04
55	7.00549D-02	-2.57962D-01	-1.41349D-01	-7.36092D-03	-1.70641D-03	-1.31264D-03
56	2.19063D-02	-3.24005D-01	-9.02409D-02	-5.98709D-03	9.89161D-03	-2.70553D-03
57	1.49600D-01	-5.37184D-05	-4.97489D-01	-2.28650D-03	-5.46531D-03	-6.39064D-04
58	1.51201D-01	-4.39221D-03	-4.80597D-01	-3.74606D-03	9.14812D-04	-4.68021D-04
59	1.43973D-01	-2.23339D-03	-4.26556D-01	-2.57220D-03	3.26954D-03	-7.22835D-04
60	-1.02724D-02	1.26405D-03	1.03768D-03	1.64804D-04	3.88386D-05	-1.95714D-04
61	-6.77459D-03	2.38905D-03	4.22025D-03	1.20249D-04	-4.84595D-05	-2.85234D-04
62	-4.27924D-03	-3.16259D-04	5.30163D-03	3.56689D-05	-2.89232D-07	-1.90718D-04
63	-4.58128D-03	-1.06151D-03	4.58188D-03	1.15292D-04	9.05608D-05	-1.59316D-05
64	-4.57107D-03	1.40244D-04	-3.04284D-03	1.03978D-04	9.78381D-05	1.55767D-05
65	-3.24583D-03	-4.70333D-04	-2.45018D-03	1.17217D-04	5.30066D-05	-1.46550D-04
66	1.41180D-03	-4.57966D-04	1.03078D-03	1.14354D-04	3.45179D-05	-1.54425D-04
67	3.12358D-03	-6.24083D-05	2.44102D-03	9.58759D-05	3.07417D-05	-1.28090D-04
68	-2.95914D-04	4.79424D-04	4.16828D-04	9.03580D-06	1.14766D-05	-1.62245D-05
69	-3.27525D-04	5.07023D-04	4.01137D-04	4.16549D-06	-1.46898D-06	-9.89975D-06
70	-2.13080D-04	5.66726D-04	3.90062D-04	1.44669D-06	1.89887D-07	2.24798D-05
71	-6.74351D-05	1.17568D-03	1.90596D-04	7.47185D-06	1.52069D-05	2.45215D-05
72	1.36558D-04	1.28342D-03	1.55659D-05	1.86467D-06	1.40410D-05	6.22628D-06
73	2.48761D-05	1.30318D-03	4.58169D-04	-4.53226D-06	8.45593D-06	-5.66962D-06
74	-1.18158D-04	1.07980D-03	3.50400D-04	1.20423D-06	6.07073D-06	-1.54439D-05
76	-2.08508D-04	-1.33812D-04	3.34361D-04	-7.20382D-07	-3.13388D-06	1.56543D-05
77	-2.04566D-04	-4.23908D-04	2.27506D-04	-2.50241D-06	-4.44719D-06	8.62175D-06
78	-2.78272D-05	-3.34410D-04	1.97862D-05	-6.33429D-06	-7.32293D-06	-8.57038D-06
79	4.50601D-05	-2.87948D-04	-2.61569D-04	9.34961D-06	4.51476D-07	3.23527D-06
80	2.20578D-06	-4.08722D-05	-7.47755D-07	3.45144D-06	7.75504D-08	6.02906D-07
82	-2.05274D-05	-1.34614D-04	-5.93289D-05	4.18955D-06	-3.62359D-06	-1.21425D-06
83	-9.13237D-06	-1.15225D-04	-6.23560D-05	4.36005D-06	-3.73139D-06	3.36970D-06
84	1.19287D-05	-2.69077D-05	-2.87542D-06	3.33150D-06	-3.26493D-06	3.81400D-06
85	2.75514D-05	-6.28675D-06	9.93182D-07	1.07338D-06	-2.65203D-06	2.85444D-07
86	1.82236D-06	-5.48314D-06	-8.69856D-07	-2.96782D-07	-1.29599D-07	-4.35793D-07
87	1.64135D-06	-6.05584D-06	-1.49191D-07	-4.87271D-07	-9.63124D-08	5.62597D-08
88	1.15315D-06	-3.80624D-06	2.32565D-08	-3.20448D-07	-9.18035D-08	2.77649D-08
90	1.50505D-06	-2.05003D-06	-4.14350D-07	-5.63852D-08	1.82318D-07	-2.85307D-07
91	8.07872D-07	-1.39760D-06	-4.88926D-08	8.93058D-08	7.65400D-08	-1.70443D-07
93	-1.26338D-04	-1.40497D-03	7.99860D-05	-5.78790D-05	3.59818D-06	5.32706D-05
94	-2.65314D-05	-6.00652D-03	1.21013D-04	-7.25699D-05	-1.46928D-05	1.12766D-04
95	-4.79468D-03	-4.51947D-03	6.04414D-03	-4.89600D-05	-1.03834D-04	2.07048D-04
96	-4.95913D-03	9.42839D-04	7.50500D-03	-3.14323D-04	-6.32644D-05	4.22735D-04
97	-3.69172D-03	-1.25366D-03	8.08464D-03	-6.59319D-05	-9.52771D-05	2.13364D-04
98	-3.29818D-03	2.22989D-07	8.80718D-03	-5.26860D-05	-8.83083D-05	2.19475D-04
99	-6.45027D-03	1.39270D-02	4.01665D-03	-6.95962D-05	1.34297D-04	-1.86546D-04
100	-1.11764D-02	-8.38150D-03	1.19924D-03	-4.57066D-05	1.34125D-04	-2.30318D-04
101	-1.39082D-02	2.61941D-03	-1.51700D-03	3.80957D-05	9.39559D-05	-2.24679D-04
102	-1.50962D-02	3.65390D-04	-2.72865D-03	1.06538D-04	4.95936D-05	-1.84453D-04
103	-1.25696D-02	1.26922D-03	-9.31920D-04	1.32833D-04	5.66695D-05	-1.98908D-04
104	-1.78706D-03	9.67048D-03	1.33474D-04	-1.22656D-04	-1.14357D-04	-1.34146D-04
105	5.17059D-04	6.76771D-03	1.23546D-04	-1.56898D-04	-9.86324D-05	-1.40422D-04
106	4.53539D-03	6.46103D-03	-4.12127D-03	-1.66499D-04	-9.78249D-05	-1.49722D-04
107	2.37912D-03	3.20615D-03	1.28362D-04	-1.70642D-04	-8.24196D-05	-1.27783D-04
108	4.62403D-03	-7.79619D-04	-6.73285D-04	-1.20325D-04	-1.63930D-05	-7.98402D-05
109	4.44202D-03	-1.58108D-03	-6.56117D-04	-7.60006D-05	6.16643D-05	-3.64496D-06
110	4.20724D-03	-1.77757D-03	-6.48750D-04	-3.30571D-05	9.01084D-05	2.90101D-05
111	3.67408D-03	-1.76407D-03	-6.37077D-04	6.41980D-05	1.28673D-04	8.07140D-05
112	2.83367D-03	-1.16320D-03	-6.27875D-04	1.52938D-04	1.47585D-04	1.14025D-04
113	-1.55777D-03	-7.69510D-04	1.09174D-02	5.38016D-04	1.74401D-04	1.70861D-04
114	1.93678D-03	-4.53628D-04	-6.27943D-04	9.88600D-05	1.50605D-04	1.14614D-04
115	1.53780D-03	-2.58951D-04	-6.27988D-04	6.87281D-05	1.52361D-04	1.15118D-04

116	1.01921D-03	-1.02159D-04	-6.28040D-04	4.45172D-05	1.53833D-04	1.15767D-04
117	4.96777D-04	1.95835D-08	-6.28056D-04	3.63644D-05	1.54418D-04	1.15767D-04
118	1.34307D-03	-1.02155D-04	-7.56321D-04	5.24353D-05	1.49658D-04	1.29593D-04
119	-6.81006D-04	2.77441D-04	-6.28071D-04	3.63857D-05	1.54470D-04	1.15767D-04
120	2.09481D-03	-1.02146D-04	-1.06991D-03	6.24531D-05	1.41111D-04	1.46952D-04
121	2.31621D-03	5.89926D-05	-1.31761D-03	6.30224D-05	1.40478D-04	1.47925D-04
122	4.62294D-03	1.01062D-07	-8.19535D-04	-1.07755D-04	-1.41983D-05	-7.86597D-05
123	4.61992D-03	1.50177D-03	-1.05368D-03	-8.38736D-05	-1.09093D-05	-7.35302D-05
124	4.60670D-03	4.20850D-03	-1.43780D-03	-2.35408D-05	-6.89658D-06	-2.73583D-05
125	4.60294D-03	4.42334D-03	-1.50224D-03	-1.09715D-05	-7.02240D-06	-1.21331D-05
126	4.59640D-03	4.48074D-03	-1.65046D-03	4.61481D-06	-8.12159D-06	9.56604D-06
127	4.66403D-03	4.50549D-03	-1.60871D-03	1.74968D-06	-9.03557D-06	-1.30022D-06
128	4.57285D-03	3.82618D-03	-1.80670D-03	2.60286D-05	-1.14522D-05	4.54096D-05
129	4.56402D-03	3.48687D-03	-1.87088D-03	3.63899D-05	-1.49396D-05	5.98064D-05
130	4.07181D-03	1.84547D-03	-2.04652D-03	8.52103D-05	-4.79649D-05	1.09993D-04
131	4.69530D-03	3.16191D-03	-2.05305D-03	3.90125D-05	-5.96364D-06	8.20757D-05
132	1.26108D-03	7.69773D-08	9.86054D-06	-3.41581D-05	5.06526D-05	5.76868D-05
133	7.29532D-04	-5.79595D-04	1.56090D-03	-3.12956D-05	-2.43079D-05	-2.18220D-05
134	2.92421D-03	-1.17542D-07	-2.03678D-03	1.24147D-04	-6.96938D-05	1.52217D-04
135	1.74762D-03	-2.15953D-03	-2.02782D-03	1.46821D-04	-7.42438D-05	1.89473D-04
136	1.59469D-04	-5.42456D-03	-2.01788D-03	1.50199D-04	-6.61060D-05	2.20272D-04
137	-6.26830D-03	-6.07427D-03	2.04891D-03	1.55814D-04	-6.66907D-05	2.35718D-04
138	-1.04870D-03	-8.42878D-03	-2.01513D-03	1.35793D-04	-5.20624D-05	2.19656D-04
139	-1.91914D-03	-5.02059D-03	-1.70449D-03	4.78232D-05	7.35474D-06	2.03310D-04
140	-1.27936D-03	-2.07064D-08	-2.30965D-03	2.94346D-05	2.65522D-05	1.49660D-04
141	-1.03192D-03	9.48545D-04	-2.54759D-03	3.05972D-05	2.93962D-05	1.30676D-04
142	-9.88340D-04	2.16041D-03	-2.57405D-03	8.00228D-05	-2.92383D-05	1.04054D-04
143	-8.84831D-04	2.55191D-03	-2.50053D-03	4.82867D-05	-5.16693D-05	3.97326D-05
144	-6.28565D-04	2.56389D-03	-2.29173D-03	-6.67947D-05	-8.37030D-05	-1.26954D-04
145	-2.13293D-04	1.26982D-03	-1.91384D-03	-1.98804D-04	-1.01137D-04	-2.92212D-04
146	2.26955D-02	4.99881D-04	-2.11039D-02	-9.43532D-04	-1.37556D-04	-1.09397D-03
147	2.14604D-04	-1.02929D-04	-1.48600D-03	-6.78386D-05	-1.00725D-04	-1.61591D-04
148	4.01258D-04	-3.07093D-04	-1.29945D-03	5.47664D-06	-1.00533D-04	-8.85729D-05
149	6.40842D-04	-2.47629D-04	-1.05998D-03	6.48351D-05	-1.00412D-04	-2.95960D-05
150	8.80375D-04	-6.65182D-08	-8.20491D-04	8.44874D-05	-1.00434D-04	-9.94369D-06
151	5.67486D-04	-2.47642D-04	-1.24625D-03	7.59530D-05	-9.86741D-05	-2.66152D-05
152	1.42223D-03	4.02080D-04	-2.78680D-04	8.45092D-05	-1.00496D-04	-9.92187D-06
153	4.36087D-04	-2.47665D-04	-1.69865D-03	8.98046D-05	-9.51162D-05	-2.29856D-05
154	5.18197D-04	-1.25249D-04	-1.88269D-03	9.05708D-05	-9.48527D-05	-2.27920D-05
155	1.01599D-03	1.31921D-09	-2.10786D-03	4.18183D-05	6.27422D-05	2.87067D-05
156	2.55639D-03	-1.05918D-03	-5.41154D-04	4.64935D-05	3.71715D-05	-4.45950D-05
157	2.99917D-03	-9.01036D-04	-7.75616D-05	4.62926D-05	1.90786D-05	-6.92767D-05
158	5.22743D-03	-1.11363D-03	1.21239D-03	4.92716D-05	1.96349D-05	-8.16098D-05
159	3.08885D-03	-4.80202D-04	3.66354D-05	3.78784D-05	-4.81211D-07	-7.13522D-05
160	2.77816D-03	1.97144D-08	-2.13732D-04	1.68449D-05	-4.07944D-05	-7.43034D-05
161	-1.29863D-03	4.11321D-03	-4.95050D-03	-3.23186D-05	-8.26467D-05	-1.89645D-05
162	-2.94282D-03	-1.19588D-07	-7.04890D-03	4.40426D-06	1.74970D-05	1.72298D-04
163	-2.83856D-03	-3.18394D-03	-6.59016D-03	1.42155D-05	2.75137D-05	2.09967D-04
164	-2.78532D-03	-5.71747D-03	-6.29359D-03	1.67279D-05	3.25992D-05	2.23605D-04
165	-2.23252D-03	-1.87889D-02	-2.64465D-03	-1.70668D-05	8.40782D-05	1.30964D-04
166	-7.10668D-02	1.19244D-02	-8.65775D-03	-5.01898D-04	1.34741D-03	7.80348D-04
167	-8.48278D-02	1.16829D-02	-1.70351D-02	-5.28109D-04	1.35900D-03	8.25898D-04
168	-7.41855D-02	6.82772D-03	-1.46633D-03	-5.32940D-04	1.35913D-03	7.59580D-04
169	-7.03739D-02	1.95210D-04	1.49582D-02	-6.09001D-04	1.05828D-03	6.30412D-04
170	-6.55269D-02	-2.49342D-02	2.86064D-02	-5.84987D-04	-2.85090D-04	1.37650D-03
171	-6.30840D-02	-2.49390D-02	3.13196D-02	-1.00468D-03	-2.85090D-04	7.73818D-04
172	-6.15298D-02	-2.49428D-02	3.43879D-02	-1.23886D-03	-2.85090D-04	4.39502D-04
173	-5.94357D-02	-2.49446D-02	4.08487D-02	-1.26795D-03	-2.85090D-04	3.98563D-04
174	-5.68224D-02	-2.49450D-02	4.94744D-02	-1.28199D-03	-2.85090D-04	3.82439D-04
175	-6.68634D-02	-3.29024D-02	2.62445D-02	-5.44272D-04	-5.03454D-04	1.65998D-03

176	-1.30990D-02	-7.45649D-02	2.57285D-07	8.72695D-04	-2.74399D-03	5.26439D-03
177	1.38910D-01	-8.53631D-08	1.12526D-01	2.50218D-03	1.54804D-03	-4.97432D-04
178	1.39014D-01	8.59267D-03	-4.48318D-07	1.80457D-03	-5.48980D-03	2.00819D-04
179	-5.35662D-02	-8.39656D-09	1.82024D-01	-3.56210D-05	5.06111D-03	-6.59893D-05
180	6.68264D-03	-5.38832D-03	-2.13519D-02	-1.38919D-03	-6.67922D-03	-4.19648D-04
181	2.70308D-02	-5.30285D-03	-8.83975D-02	-1.48796D-03	-7.03821D-03	-4.76817D-04
182	1.56972D-01	-1.40664D-03	-4.72128D-01	-2.53988D-03	2.73686D-03	-7.25850D-04
183	1.51424D-01	-1.75766D-03	-4.52604D-01	-2.55435D-03	2.99506D-03	-7.24901D-04
184	1.48319D-01	-2.25362D-03	-4.49519D-01	-3.26021D-03	2.17225D-03	-5.50260D-04
185	1.35608D-01	-2.34434D-03	-3.97303D-01	-2.38760D-03	3.62284D-03	-7.48498D-04
186	-9.71061D-02	2.91082D-03	-1.32471D-01	-4.29711D-04	2.35921D-03	-9.87112D-04
187	-1.13755D-01	6.71654D-03	-1.16510D-01	-3.18691D-04	1.95812D-03	-9.09651D-04
188	-1.26871D-01	1.05327D-02	-1.04615D-01	-2.22981D-04	1.57781D-03	-8.29528D-04
189	-5.52907D-02	5.48051D-04	-6.11397D-02	-1.91339D-03	-4.64610D-03	1.38741D-03
190	-2.33179D-03	-2.88381D-08	-1.11357D-07	-1.98501D-04	-1.91711D-04	-2.53501D-04
191	-2.87330D-03	-4.93510D-07	-5.19440D-02	-4.10042D-04	-1.64168D-04	4.36185D-04
192	-2.89284D-03	-3.27369D-03	-5.27805D-02	-4.18419D-04	-1.35443D-04	4.75955D-04
193	-8.27572D-03	-9.40877D-03	-5.43344D-02	2.17078D-04	-4.63350D-04	6.07110D-04
194	-1.51704D-04	-4.41755D-03	-5.25291D-04	-1.67940D-04	2.76399D-05	-1.59004D-05
195	1.60010D-04	-4.60899D-04	-1.60613D-04	-4.71351D-05	5.55693D-07	1.08438D-06
196	-6.01861D-02	-1.14675D-02	-1.38236D-01	-6.27994D-03	-4.57960D-03	-2.65530D-04
197	-5.39340D-02	-1.39235D-02	-2.48904D-01	-6.61491D-03	-4.62296D-03	-2.71359D-04
198	-2.13073D-02	-6.42757D-02	-1.71368D-01	-6.61767D-03	-4.62495D-03	-3.63947D-04
199	-5.07493D-03	-3.15175D-01	-1.55274D-03	-5.72796D-03	9.70441D-03	-3.00529D-03
200	-5.12178D-02	-2.86080D-01	1.50334D-01	-5.16691D-03	7.62661D-03	-3.74460D-03
201	-6.53574D-02	-2.86106D-01	1.69286D-01	-6.16104D-03	7.81495D-03	-4.58376D-03
202	-7.51740D-02	-2.86121D-01	1.82535D-01	-6.60731D-03	7.93227D-03	-4.78899D-03
203	-1.03549D-01	-2.76862D-01	2.40980D-01	-7.32048D-03	7.78956D-03	-4.46564D-03
204	-1.19417D-01	-2.59625D-01	2.92672D-01	-7.34740D-03	5.74100D-03	-5.04352D-03
205	-1.28925D-01	-2.39578D-01	3.23620D-01	-7.47552D-03	4.43551D-03	-5.20485D-03
206	-8.47356D-02	-2.39482D-01	2.60979D-01	-4.58116D-03	4.62816D-03	-4.42211D-03
207	-9.52296D-02	-1.17931D-01	2.97347D-01	-3.78784D-03	-2.84118D-03	-4.09490D-03
208	1.40696D-01	6.49593D-08	-4.68651D-01	-2.37854D-03	-6.18792D-03	-7.34514D-04
209	-5.88372D-03	2.25794D-03	4.63246D-03	1.04482D-04	-4.67875D-05	-2.87310D-04
210	-5.49268D-03	2.15186D-03	4.79655D-03	1.03822D-04	-4.51431D-05	-2.87144D-04
211	6.82503D-04	1.90811D-03	7.23907D-03	1.11752D-04	-4.54073D-05	-2.87822D-04
212	-5.12812D-03	2.01118D-03	4.94492D-03	9.71691D-05	-4.29002D-05	-2.85177D-04
213	-4.29700D-03	5.07038D-08	5.29336D-03	3.53980D-05	-5.62490D-06	-2.09934D-04
214	3.04831D-03	-1.53706D-08	2.39682D-03	9.38874D-05	3.05845D-05	-1.26319D-04
215	-2.28949D-04	5.59648D-04	3.92749D-04	1.15058D-06	-1.79012D-06	1.47860D-05
216	-2.11676D-04	3.20189D-04	3.84669D-04	7.69483D-07	-1.00476D-06	2.23668D-05
217	-2.13217D-04	8.18227D-04	3.65128D-04	2.61038D-06	2.39470D-06	2.43372D-05
218	1.70679D-04	1.28502D-03	1.11120D-08	9.54122D-07	1.37233D-05	5.27049D-06
219	1.66255D-04	1.30172D-03	3.14755D-04	-5.46419D-06	9.48726D-06	-4.10593D-06
220	1.57933D-04	1.30180D-03	3.25771D-04	-5.45022D-06	9.46069D-06	-4.14383D-06
221	1.54949D-04	1.27866D-03	2.75922D-04	-5.44990D-06	9.45815D-06	-4.13225D-06
222	1.49509D-04	1.30185D-03	3.36722D-04	-5.43487D-06	9.43655D-06	-4.18866D-06
223	6.96041D-05	1.30313D-03	4.20603D-04	-4.78482D-06	8.66677D-06	-5.35415D-06
224	5.87698D-05	1.30316D-03	4.30195D-04	-4.75958D-06	8.64262D-06	-5.38237D-06
225	5.56257D-05	1.27344D-03	3.84647D-04	-4.75931D-06	8.63914D-06	-5.37088D-06
226	4.78652D-05	1.30317D-03	4.39685D-04	-4.73410D-06	8.62181D-06	-5.41709D-06
227	-5.77687D-05	5.72959D-04	1.73332D-04	2.15678D-06	4.83523D-06	-1.40405D-05
228	-2.09682D-04	2.08081D-08	3.58270D-04	-1.74414D-07	-2.44117D-06	1.87404D-05
229	-1.17476D-04	-1.33896D-04	3.38462D-04	-3.75054D-07	-3.16198D-06	1.30865D-05
230	-6.84108D-05	-1.33946D-04	3.39576D-04	-3.30258D-08	-3.17961D-06	1.15974D-05
231	-6.80848D-09	-3.34014D-04	1.61939D-09	-6.34547D-06	-7.23352D-06	-8.31457D-06
232	7.35387D-05	-2.89233D-04	-3.39516D-04	8.78763D-06	2.92126D-07	3.29929D-06
233	6.68951D-05	-2.89119D-04	-3.21782D-04	8.84677D-06	3.07082D-07	3.29597D-06
234	6.94413D-05	-3.38113D-04	-3.24032D-04	8.84996D-06	3.07573D-07	3.29614D-06
235	6.02503D-05	-2.88997D-04	-3.03892D-04	8.90125D-06	3.21568D-07	3.29150D-06

236	3.64390D-11	-1.34651D-04	-8.01910D-12	4.28381D-06	-3.65398D-06	-1.71869D-06
237	-1.69241D-06	-1.34652D-04	-4.29242D-06	4.26648D-06	-3.65839D-06	-1.60409D-06
238	-1.08992D-05	-1.34652D-04	-2.98386D-05	4.23759D-06	-3.66407D-06	-1.44446D-06
239	-1.09014D-05	-1.25722D-04	-5.30260D-05	4.23759D-06	-3.67558D-06	-1.41718D-06
240	-1.92368D-05	-1.34628D-04	-5.51456D-05	4.20801D-06	-3.64127D-06	-1.31879D-06
241	4.03988D-06	-5.55261D-06	-2.26616D-06	-3.34302D-07	-3.46370D-07	-5.78603D-07
242	1.80715D-06	-6.73613D-06	-4.80087D-07	-3.53980D-07	-1.03153D-07	-2.95777D-07
243	1.81596D-06	-3.54854D-06	-1.01846D-06	-1.71637D-07	-3.21839D-08	-4.30202D-07
244	1.04383D-06	-3.43967D-06	1.94927D-08	-3.00547D-07	-8.81657D-08	2.26890D-08
245	5.12815D-07	-1.66674D-06	1.31721D-08	-2.53601D-07	-7.61349D-08	1.61401D-08
246	4.11933D-07	-1.66708D-06	-1.58762D-06	-2.53945D-07	-7.61349D-08	1.60513D-08
247	9.14711D-08	-2.85837D-07	7.16003D-09	-1.69202D-07	-5.14437D-08	9.81100D-09
248	7.27235D-07	-1.27300D-06	-4.11671D-08	9.49227D-08	6.83751D-08	-1.40140D-07
249	3.41777D-07	-6.54676D-07	-2.81934D-08	8.98450D-08	5.47375D-08	-1.01043D-07
250	9.80263D-07	-6.54810D-07	5.38892D-07	8.99628D-08	5.47375D-08	-1.01255D-07
251	5.35144D-08	-1.30479D-07	-1.53253D-08	6.32826D-08	3.55859D-08	-6.14206D-08
252	2.09276D-02	-1.30781D-01	-1.57706D-01	-7.09932D-03	-3.95964D-03	-7.73995D-04

M O D A L A N A L Y S I S

MODE NUMBER 27
FREQUENCY= 23.0136 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.40782D-02	-4.17030D-02	-6.22282D-03	-4.18085D-04	-3.72391D-04	4.35558D-04
3	2.30785D-02	-4.58183D-02	-7.64441D-03	2.30827D-04	-3.29024D-04	5.54106D-04
4	1.27996D-02	-4.58243D-02	-2.99231D-03	2.57194D-04	-3.49809D-04	5.89672D-04
5	3.36365D-03	-4.09456D-02	3.11685D-03	2.69933D-04	-3.31448D-04	8.14318D-04
6	1.32342D-03	-1.76331D-02	1.08589D-02	1.91527D-04	-2.19100D-04	9.13180D-04
7	5.01829D-03	2.50757D-02	1.77733D-02	-1.51433D-04	-5.15404D-05	8.42432D-04
8	-5.15298D-03	4.05571D-02	5.49369D-03	-1.04420D-03	2.09776D-04	4.33504D-04
9	-1.11617D-02	-6.38046D-03	-5.10855D-04	-8.60869D-04	-3.15129D-04	1.02809D-03
10	-6.20644D-03	1.06521D-06	4.72142D-03	-2.98619D-04	-4.09731D-04	1.24001D-03
11	7.43445D-03	9.98479D-02	1.98187D-02	-8.62334D-04	3.27168D-04	3.14691D-04
12	-1.89809D-02	3.36874D-06	2.02299D-02	-1.48617D-03	3.93981D-04	-3.25617D-04
13	-2.70322D-02	-1.28688D-02	2.71839D-02	-1.12636D-03	1.29506D-04	-6.69487D-04
14	-2.68109D-02	-9.72737D-03	3.47152D-03	-3.08073D-04	1.64595D-04	4.46672D-05
15	-1.94505D-02	-9.40547D-03	3.44829D-03	1.94507D-04	-2.59189D-04	-8.49450D-05
16	-1.30467D-02	-1.57963D-03	-2.99758D-03	2.62823D-04	-2.91558D-04	-1.06622D-04
17	-1.27549D-02	-1.04965D-03	-2.21454D-02	2.65633D-04	-4.21382D-05	5.13697D-05
18	-1.22128D-02	-3.46566D-03	-2.14845D-02	2.62510D-04	1.25047D-04	4.26047D-05
19	-1.02475D-02	-6.99804D-03	-1.95807D-02	2.56376D-04	1.70735D-04	2.97031D-05
20	-8.99276D-03	-8.70553D-03	-1.66681D-02	2.33086D-04	1.95983D-04	-1.31734D-05
21	-8.76476D-03	-5.42372D-03	-6.48622D-03	1.75318D-04	1.51826D-04	-1.21167D-04
22	-4.82907D-03	-6.38018D-04	-1.80794D-03	9.02009D-05	1.90642D-05	-1.99851D-04
23	-6.95769D-10	2.75175D-11	-1.61314D-10	1.02781D-08	-4.13326D-09	-2.81128D-08
25	8.64107D-04	2.95409D-05	3.37781D-04	3.39122D-05	-7.12806D-06	-3.72746D-05
26	9.04227D-04	2.12383D-03	3.73395D-03	2.21799D-04	2.04021D-05	-8.96126D-06
27	1.00593D-03	2.12019D-03	6.23065D-03	2.25505D-04	2.57335D-05	-1.07213D-05
28	1.60148D-03	1.27693D-03	9.60590D-03	1.92489D-04	1.15843D-04	-4.51812D-05
29	1.59956D-03	7.62775D-04	8.29368D-03	1.89754D-04	1.24651D-04	-4.35616D-05
30	1.48587D-03	4.99206D-03	2.80836D-02	1.77550D-04	-2.42577D-04	3.23946D-05
31	-1.00295D-02	9.07220D-04	-6.54832D-03	2.70155D-04	-2.37579D-04	-1.59464D-04
32	7.96956D-03	-2.09310D-03	1.13766D-02	1.51418D-06	-3.01539D-04	-3.43755D-04
33	1.72621D-02	-4.90881D-03	1.14041D-02	-1.33099D-04	-2.88711D-04	-4.63364D-04
34	2.68446D-02	3.39843D-02	1.77093D-03	-3.03929D-04	1.82510D-04	-7.50904D-04
35	-2.19936D-02	3.29262D-02	3.43694D-03	-4.53196D-04	4.54171D-04	-7.07749D-04
36	-1.87980D-03	-1.63840D-02	1.26090D-02	3.45264D-04	-2.44169D-04	6.57518D-04
37	-7.23676D-03	-1.74648D-02	1.64983D-02	1.36024D-04	-7.23823D-05	2.71758D-04
38	-1.44255D-02	-1.79955D-02	3.65003D-03	-1.57396D-04	-3.08168D-05	-3.98866D-05
39	-1.40253D-02	-1.34145D-02	3.93372D-03	1.66435D-04	4.99556D-05	8.87672D-05
40	-9.23287D-03	-1.71452D-02	1.35915D-03	4.42340D-04	2.95573D-05	5.67307D-04
41	-5.28393D-03	-1.71462D-02	-1.84194D-03	4.59654D-04	3.97720D-05	5.36685D-04
42	-2.77415D-03	-1.24849D-02	-6.37259D-03	5.26212D-04	1.61567D-04	2.90217D-04
43	-5.38098D-03	-3.83643D-03	-6.38641D-03	5.22274D-04	1.43416D-04	2.15316D-04
44	-5.96842D-03	-2.74848D-04	-6.36905D-03	5.58406D-04	-6.89764D-05	5.29937D-05
45	-5.96605D-03	2.44808D-04	1.89353D-02	3.01239D-04	8.68721D-05	5.59470D-05
46	-5.95493D-03	1.98902D-04	1.89473D-02	2.96134D-04	-8.22088D-05	6.81089D-05
47	-1.06150D-03	9.41369D-04	3.04607D-03	-4.24480D-05	-3.99024D-05	-3.05422D-05
48	-8.96664D-04	9.64874D-04	2.77697D-03	-4.16174D-05	-3.59904D-05	-3.02927D-05
49	1.31802D-03	4.89843D-04	7.14740D-04	-1.64107D-05	6.85235D-06	-3.24301D-05
50	6.82881D-04	3.37786D-04	5.68635D-04	5.65688D-06	3.96846D-05	-3.29400D-05
51	5.19817D-04	2.13261D-04	3.84603D-04	6.68721D-06	3.90609D-05	-3.32202D-05

52	6.95667D-06	5.72966D-08	5.22554D-06	4.18422D-07	2.63840D-06	-1.09813D-06
53	7.50493D-12	4.78277D-13	6.91913D-12	6.09755D-11	2.28650D-10	-1.38722D-10
54	-3.15638D-04	7.09476D-04	1.52453D-03	-3.06908D-04	8.83766D-06	-7.41809D-06
55	-2.94465D-04	-1.07668D-02	1.53725D-03	-3.44470D-04	-1.47012D-05	-5.14132D-05
56	2.54951D-04	-1.39390D-02	1.07887D-03	-2.83071D-04	-1.01690D-04	-1.12344D-04
57	1.48124D-05	1.92052D-04	1.83365D-03	-1.28510D-04	9.27260D-05	-7.73707D-05
58	-6.81523D-04	5.32425D-04	3.05363D-03	-5.81367D-05	-4.11621D-06	-4.39641D-05
59	-1.30501D-03	5.71549D-04	3.88354D-03	-4.44941D-05	-3.65051D-05	-3.07659D-05
60	-3.45736D-02	-6.34626D-03	-2.97916D-02	-1.46919D-03	-6.07779D-04	1.12801D-03
61	-4.07322D-02	-1.72566D-02	-4.93191D-02	-7.32835D-04	-1.71084D-03	1.60570D-03
62	1.27118D-01	2.30976D-03	1.76803D-02	2.09027D-05	-1.96638D-03	7.57780D-04
63	1.35429D-01	2.89575D-03	1.96367D-02	-3.12804D-04	1.27210D-03	-4.95977D-04
64	1.35572D-01	-4.37260D-02	-1.13930D-01	3.98516D-04	1.89971D-03	-3.29723D-04
65	1.08548D-01	-3.05784D-02	-1.22072D-01	1.40598D-03	9.95444D-04	2.92815D-03
66	1.53990D-02	-3.06459D-02	-7.76864D-02	1.46651D-03	8.20617D-04	3.11507D-03
67	-3.04931D-02	-3.01848D-03	-6.29541D-02	2.30015D-04	-1.28424D-04	1.66453D-03
68	2.98571D-02	2.45273D-02	-2.55795D-02	-5.80158D-04	-1.68135D-04	-1.27343D-04
69	2.86844D-02	1.84680D-02	-2.55514D-02	-8.56087D-04	3.95244D-04	-2.86675D-04
70	1.18727D-02	-1.58867D-02	-2.49499D-02	-7.77356D-04	1.92279D-04	-6.94331D-04
71	7.69662D-03	-3.40228D-02	-1.48890D-02	-9.56745D-04	-6.48293D-04	-6.88801D-04
72	2.28002D-03	-3.69625D-02	-1.76508D-03	-2.65048D-04	-4.93397D-04	-1.40692D-04
73	6.03787D-03	-3.75302D-02	-2.68310D-02	3.50026D-04	-3.55469D-04	1.21207D-04
74	8.25962D-03	-3.22312D-02	-2.36809D-02	3.29340D-05	-3.75572D-04	4.65583D-04
76	1.15985D-02	3.76974D-03	-1.57199D-02	-5.83971D-04	3.54876D-04	-4.34315D-04
77	1.13636D-02	1.15686D-02	-5.32225D-03	-4.40164D-04	4.11991D-04	-2.05606D-04
78	1.50646D-03	5.55711D-03	6.54800D-05	-3.72656D-05	6.04958D-04	4.59728D-04
79	-9.75057D-04	4.64350D-03	3.79363D-03	-1.00144D-04	6.02792D-05	-1.57584D-04
80	-3.26950D-05	7.34291D-04	8.48893D-06	-5.95877D-05	5.65230D-06	-3.21550D-05
82	-1.65474D-04	3.79764D-03	-3.24609D-04	1.93063D-05	1.60399D-04	-1.69475D-05
83	-7.55951D-04	3.24514D-03	-9.72414D-04	-6.31074D-05	1.05453D-04	-1.16767D-04
84	-1.31551D-03	7.52414D-04	-2.55403D-03	-8.13112D-05	8.43342D-05	-1.11720D-04
85	-1.67925D-03	1.78953D-04	-2.48423D-03	-7.16374D-05	4.90007D-05	9.56205D-06
86	-5.86215D-05	1.56088D-04	1.23217D-05	-1.85940D-05	2.39319D-06	1.67717D-05
87	-5.49834D-05	2.05094D-04	3.64844D-06	2.25065D-06	2.17770D-06	-3.78093D-06
88	-4.03712D-05	1.48951D-04	-8.98097D-07	1.10411D-05	3.12959D-06	-4.15597D-06
90	-5.24696D-05	2.56802D-05	8.53339D-06	-1.00185D-05	-3.76411D-06	5.94408D-06
91	-3.40114D-05	-7.93921D-07	4.25773D-07	-6.24623D-07	-2.84708D-06	1.48768D-06
93	3.54446D-03	-6.96002D-03	-8.75232D-04	-3.13655D-04	-1.93476D-04	1.88938D-04
94	1.70259D-02	-3.08107D-02	-4.37797D-03	-4.56114D-04	-3.46434D-04	3.81444D-04
95	9.81119D-05	-2.76243D-02	8.56813D-03	2.22980D-04	-2.33284D-04	9.03882D-04
96	-5.94998D-04	-1.64330D-02	1.19046D-02	3.16268D-04	-2.38040D-04	7.40320D-04
97	2.43976D-03	-7.63812D-03	1.29423D-02	1.33454D-04	-1.94606D-04	9.25283D-04
98	3.21122D-03	-1.01458D-07	1.43826D-02	8.07298D-05	-1.70410D-04	9.21482D-04
99	-1.12916D-02	1.68106D-02	-6.83247D-04	-1.20244D-03	1.65136D-04	4.33684D-04
100	-1.39595D-02	2.56010D-03	-3.38771D-03	-1.16145D-03	5.76124D-05	5.73567D-04
101	-1.30246D-02	-6.39717D-03	-2.39191D-03	-9.65977D-04	-1.96851D-04	8.83284D-04
102	-8.27270D-03	-3.65869D-03	2.54794D-03	-5.24199D-04	-3.82872D-04	1.15066D-03
103	-2.16749D-02	-6.36517D-03	-1.23033D-02	-1.23113D-03	-4.49815D-04	1.06654D-03
104	4.33927D-03	9.13128D-02	1.99012D-02	-1.25169D-03	3.73279D-04	1.42976D-04
105	-3.78927D-03	6.27108D-02	1.99534D-02	-1.49221D-03	3.88620D-04	4.51863D-05
106	-5.70666D-03	6.31658D-02	-2.23339D-02	-1.54548D-03	3.93100D-04	7.14704D-05
107	-1.19517D-02	2.91081D-02	2.00861D-02	-1.58044D-03	3.89745D-04	-1.06064D-04
108	-2.70417D-02	-7.17158D-03	2.81874D-02	-1.11538D-03	4.37069D-05	-6.49490D-04
109	-2.69951D-02	-2.86258D-02	2.93974D-02	-2.51676D-03	8.68250D-05	-9.09743D-04
110	-2.72949D-02	-3.68504D-02	2.99156D-02	-1.28475D-03	2.11319D-04	-1.02128D-03
111	-2.88062D-02	-3.76305D-02	3.07355D-02	2.91221D-03	5.40601D-04	-1.19788D-03
112	-3.28116D-02	-9.91747D-03	3.13812D-02	7.62217D-03	8.71971D-04	-1.31166D-03
113	2.61453D-03	3.30417D-02	7.38099D-01	3.44540D-02	2.50199D-03	-1.47967D-03
114	-3.70426D-02	1.70928D-02	3.13847D-02	2.74613D-03	6.10845D-04	-1.32870D-03
115	-3.83325D-02	1.84579D-02	3.13870D-02	1.63453D-05	4.64239D-04	-1.34332D-03

116	-3.95331D-02	1.17137D-02	3.13896D-02	-2.19365D-03	3.45844D-04	-1.36212D-03
117	-4.04560D-02	1.75138D-06	3.13905D-02	-2.92673D-03	3.06465D-04	-1.36212D-03
118	-4.36872D-02	1.17142D-02	3.77160D-02	-2.58652D-03	4.66940D-04	-1.76256D-03
119	-4.28153D-02	-2.23263D-02	3.13912D-02	-2.92848D-03	3.09829D-04	-1.36212D-03
120	-5.47586D-02	1.17149D-02	5.31795D-02	-3.07611D-03	7.14898D-04	-2.26535D-03
121	-6.56358D-02	3.78046D-03	6.53770D-02	-3.10317D-03	7.33263D-04	-2.29358D-03
122	-2.70580D-02	-3.45108D-06	2.77557D-02	-1.06481D-03	-6.17012D-05	-5.51962D-04
123	-2.70832D-02	7.70134D-03	2.48237D-02	-9.68731D-04	-2.03852D-04	-2.86801D-04
124	-2.71134D-02	8.05695D-03	1.07844D-02	-7.26009D-04	-2.66965D-04	2.04790D-04
125	-2.71136D-02	5.52687D-03	8.10264D-03	-6.75442D-04	-2.23504D-04	2.73787D-04
126	-2.71113D-02	-1.13677D-03	3.94884D-03	-6.12738D-04	-1.29869D-04	3.35556D-04
127	-3.83659D-02	-2.59819D-03	-1.33437D-02	-6.45087D-04	-1.22172D-04	4.27067D-04
128	-2.69665D-02	-7.23167D-03	2.31726D-03	-4.84238D-04	-1.36628D-05	2.25618D-04
129	-2.69123D-02	-8.46242D-03	2.38057D-03	-4.22062D-04	4.72950D-05	1.64770D-04
130	-2.34279D-02	-6.34664D-03	3.46029D-03	-3.45654D-04	3.52914D-04	-9.98221D-05
131	-2.80649D-02	-1.24041D-02	3.46912D-03	-1.98501D-04	7.40296D-05	2.59075D-05
132	-1.30057D-02	-4.97368D-07	-7.30001D-03	2.63275D-04	-2.77285D-04	-7.34148D-05
133	-8.93056D-03	-8.36508D-03	-1.36250D-02	2.16807D-04	1.94897D-04	-3.76951D-05
134	-1.48799D-02	1.22728D-06	3.44229D-03	-4.44143D-04	5.39926D-04	-3.23124D-04
135	-5.60409D-03	7.71144D-03	3.42578D-03	-5.25798D-04	6.07458D-04	-5.20155D-04
136	7.66459D-03	1.94104D-02	3.40747D-03	-5.40680D-04	5.81413D-04	-6.83037D-04
137	2.88658D-02	2.16145D-02	-1.09342D-02	-5.69827D-04	5.83956D-04	-7.54954D-04
138	1.90880D-02	3.01116D-02	3.42900D-03	-4.81100D-04	4.98125D-04	-6.99643D-04
139	2.79183D-02	1.81264D-02	7.47389D-04	-1.57789D-04	-8.93277D-05	-7.19563D-04
140	2.11945D-02	7.23053D-07	7.48034D-03	-1.28115D-04	-2.60488D-04	-5.47850D-04
141	1.88983D-02	-3.07229D-03	9.77120D-03	-1.34883D-04	-2.77916D-04	-4.91264D-04
142	1.91953D-02	-4.78828D-03	1.00290D-02	-1.52864D-04	1.19574D-04	-1.36114D-05
143	1.87716D-02	-4.93858D-03	9.58870D-03	-1.97051D-04	2.55620D-04	1.54572D-04
144	1.75731D-02	-4.77078D-03	8.36398D-03	-3.12072D-04	4.27443D-04	3.75882D-04
145	1.55642D-02	-4.41515D-03	6.33457D-03	-4.26567D-04	4.98396D-04	4.78077D-04
146	6.30361D-03	-5.42645D-03	-1.61251D-02	-1.01822D-03	4.87160D-04	2.50571D-04
147	1.33335D-02	-3.52668D-03	4.10231D-03	-3.06119D-04	5.41800D-04	6.04982D-04
148	1.22913D-02	-2.76251D-03	3.05951D-03	-2.39143D-04	5.66421D-04	6.77498D-04
149	1.08968D-02	-1.47155D-03	1.66421D-03	-1.85583D-04	5.86526D-04	7.38178D-04
150	9.46746D-03	-6.20134D-08	2.34626D-04	-1.67093D-04	5.93619D-04	7.56668D-04
151	1.30234D-02	-1.47157D-03	2.18168D-03	-2.06567D-04	5.54091D-04	8.68949D-04
152	6.26765D-03	3.18060D-03	-2.96541D-03	-1.66916D-04	5.93436D-04	7.56845D-04
153	1.82160D-02	-1.47158D-03	3.37565D-03	-2.32882D-04	4.87676D-04	1.03320D-03
154	2.14364D-02	-1.05380D-05	3.42047D-03	-2.34355D-04	4.82757D-04	1.04241D-03
155	6.03869D-03	-4.92672D-07	9.45929D-03	4.13891D-05	-2.94025D-04	-3.17215D-04
156	-1.59699D-03	3.41460D-03	1.87985D-03	2.10511D-04	-2.63069D-04	-2.05874D-04
157	-5.37844D-03	2.82054D-03	-1.95718D-03	2.54285D-04	-2.57639D-04	-1.80591D-04
158	-1.03575D-03	2.12264D-03	5.62280D-03	2.67396D-04	-2.58583D-04	-1.77819D-04
159	-9.25163D-03	1.31594D-03	-5.75601D-03	2.66019D-04	-2.49005D-04	-1.66131D-04
160	-1.15120D-02	1.87231D-07	-8.06864D-03	2.71417D-04	-2.10448D-04	-1.53060D-04
161	-1.52446D-02	-2.95470D-03	-1.23027D-02	2.34482D-04	7.81417D-05	-1.52680D-04
162	-6.41997D-03	1.24022D-08	5.04457D-03	1.91843D-04	3.35855D-04	-1.44687D-04
163	-4.36515D-03	1.10213D-03	1.03975D-02	1.86093D-04	3.53998D-04	-1.36952D-04
164	-2.97915D-03	1.88981D-03	1.44142D-02	1.83039D-04	3.55686D-04	-1.29025D-04
165	1.44665D-03	5.28368D-03	3.20664D-02	1.76156D-04	1.30148D-04	-5.47920D-05
166	-1.47180D-02	-1.79889D-02	4.77209D-03	-1.60939D-04	-3.12676D-05	-4.03806D-05
167	-1.41184D-02	-1.79831D-02	2.07814D-03	-1.56463D-04	-3.08311D-05	-3.36672D-05
168	-1.44671D-02	-1.73855D-02	3.40622D-03	-1.52465D-04	-3.00735D-05	-4.76035D-05
169	-1.44714D-02	-1.60289D-02	3.07598D-03	-1.00709D-04	-1.49773D-05	-9.59365D-05
170	-1.41985D-02	-1.27060D-02	3.44300D-03	8.86888D-05	3.55597D-05	-1.29007D-05
171	-1.45653D-02	-1.27085D-02	3.20412D-03	5.90744D-05	3.55597D-05	-1.88121D-04
172	-1.52243D-02	-1.27105D-02	3.07115D-03	4.26665D-05	3.55597D-05	-2.85693D-04
173	-1.67349D-02	-1.27114D-02	2.86025D-03	4.06632D-05	3.55597D-05	-2.97754D-04
174	-1.87707D-02	-1.27116D-02	2.58936D-03	3.99110D-05	3.55597D-05	-3.03207D-04
175	-1.41166D-02	-1.28509D-02	3.66735D-03	1.27117D-04	4.28741D-05	3.58208D-05

176	-7.45497D-03	-1.71458D-02	3.89325D-09	4.51011D-04	3.39350D-05	5.56626D-04
177	-5.98831D-03	-2.43060D-09	-9.94039D-03	4.88804D-04	-8.45706D-06	-3.66163D-05
178	-5.99086D-03	2.24123D-03	1.50411D-08	3.93809D-04	2.82418D-04	-6.31283D-06
179	3.26494D-03	1.39262D-09	-1.09789D-02	1.83881D-04	-1.91473D-04	5.89967D-05
180	1.88891D-04	7.82834D-04	-6.39843D-04	5.93526D-05	1.52029D-04	1.95087D-05
181	-2.19413D-04	7.50752D-04	7.17504D-04	4.83835D-05	1.30278D-04	1.98547D-05
182	-1.46312D-03	3.38476D-04	4.42720D-03	-4.24754D-05	-3.44767D-05	-2.77709D-05
183	-1.39309D-03	4.39443D-04	4.18619D-03	-4.34101D-05	-3.57333D-05	-2.90482D-05
184	-1.04284D-03	5.70220D-04	3.52197D-03	-5.13368D-05	-2.14112D-05	-3.76328D-05
185	-1.21364D-03	7.14256D-04	3.56871D-03	-4.36564D-05	-3.86621D-05	-3.08207D-05
186	8.82933D-04	2.53761D-04	1.13161D-03	-3.20571D-05	-2.07446D-05	-2.91277D-05
187	1.03047D-03	2.10357D-04	9.90733D-04	-3.01801D-05	-1.74053D-05	-2.95107D-05
188	1.14810D-03	1.86890D-04	8.84511D-04	-2.82250D-05	-1.42132D-05	-3.00418D-05
189	6.01198D-04	2.76128D-04	4.77485D-04	6.16466D-06	3.94735D-05	-3.30819D-05
190	1.53620D-03	3.11987D-08	1.93539D-07	1.81409D-04	-2.43542D-04	5.22595D-05
191	1.59626D-03	1.27950D-08	5.96494D-03	1.88950D-04	1.39061D-04	-3.96685D-05
192	1.59755D-03	2.75073D-04	6.86075D-03	1.89248D-04	1.34009D-04	-4.16002D-05
193	1.91024D-03	7.59000D-04	9.98315D-03	1.61294D-04	1.15464D-04	-2.34624D-05
194	7.02511D-04	-1.79561D-04	2.68355D-04	1.99153D-05	-1.08504D-05	-3.25287D-05
195	2.05521D-04	-1.54171D-04	8.62737D-05	6.49129D-07	-1.01844D-05	-1.66838D-05
196	-3.58254D-04	7.10354D-04	3.65476D-03	-3.01241D-04	9.99789D-06	-5.21312D-06
197	-2.46166D-04	5.98576D-04	-1.55485D-03	-3.07553D-04	8.84858D-06	-7.31172D-06
198	-3.81493D-04	-1.75990D-03	1.50490D-03	-3.11546D-04	7.73562D-06	-1.04745D-05
199	5.34855D-04	-1.36602D-02	1.63529D-04	-2.71255D-04	-1.13153D-04	-1.25467D-04
200	1.18518D-03	-1.25941D-02	-1.96460D-03	-2.45599D-04	-1.25314D-04	-1.58329D-04
201	6.19509D-04	-1.25952D-02	-1.17761D-03	-2.32543D-04	-1.28617D-04	-1.76822D-04
202	2.48316D-04	-1.25959D-02	-7.03787D-04	-2.28792D-04	-1.30674D-04	-1.78555D-04
203	-2.85129D-04	-1.22366D-02	-3.02014D-04	-2.30442D-04	-1.33860D-04	-1.56525D-04
204	1.02772D-05	-1.15606D-02	-1.27724D-03	-2.19445D-04	-1.26543D-04	-1.79606D-04
205	2.48501D-04	-1.07514D-02	-2.06357D-03	-2.15629D-04	-1.18541D-04	-1.80881D-04
206	1.84725D-03	-1.07469D-02	-4.12952D-03	-2.20243D-04	-1.11280D-04	-1.89443D-04
207	2.65890D-03	-5.75861D-03	-6.78831D-03	-1.91041D-04	-1.83001D-05	-1.78282D-04
208	1.62934D-04	4.61919D-09	1.35090D-03	-1.32944D-04	9.91385D-05	-7.73442D-05
209	-8.97655D-03	-1.67231D-02	-3.68213D-02	-6.04390D-04	-2.04582D-03	1.76612D-03
210	8.24090D-03	-1.57205D-02	-2.99102D-02	-5.95374D-04	-2.08603D-03	1.78069D-03
211	-3.14463D-02	-1.42067D-02	-4.22174D-02	-6.42671D-04	-2.08489D-03	1.81553D-03
212	2.59386D-02	-1.44454D-02	-2.27832D-02	-5.47483D-04	-2.12233D-03	1.75228D-03
213	1.11887D-01	-4.07301D-07	1.15870D-02	-1.35077D-05	-2.10975D-03	9.39920D-04
214	-3.01822D-02	3.35712D-08	-6.27403D-02	2.09150D-04	-1.56334D-04	1.62862D-03
215	1.48312D-02	-8.12253D-03	-2.50964D-02	-8.26255D-04	3.30944D-04	-5.97467D-04
216	1.17884D-02	-8.77497D-03	-2.26578D-02	-7.16923D-04	2.51719D-04	-6.48930D-04
217	1.18845D-02	-2.35798D-02	-2.55452D-02	-7.92204D-04	5.84912D-05	-7.43099D-04
218	1.54427D-03	-3.70090D-02	-6.39550D-07	-1.91656D-04	-4.85320D-04	-1.13987D-04
219	2.96247D-03	-3.74902D-02	-1.63595D-02	3.78075D-04	-3.77620D-04	9.60322D-05
220	3.15684D-03	-3.74925D-02	-1.71229D-02	3.78051D-04	-3.76944D-04	9.64849D-05
221	3.25868D-03	-3.69052D-02	-1.51801D-02	3.78044D-04	-3.76805D-04	9.61461D-05
222	3.35189D-03	-3.74939D-02	-1.78840D-02	3.77911D-04	-3.76401D-04	9.71553D-05
223	5.09713D-03	-3.75293D-02	-2.39650D-02	3.60243D-04	-3.59092D-04	1.14837D-04
224	5.32844D-03	-3.75303D-02	-2.46886D-02	3.59284D-04	-3.58550D-04	1.15278D-04
225	5.43147D-03	-3.68448D-02	-2.28438D-02	3.59281D-04	-3.58341D-04	1.14941D-04
226	5.56015D-03	-3.75304D-02	-2.54073D-02	3.58277D-04	-3.58206D-04	1.15951D-04
227	4.25218D-03	-1.73729D-02	-1.21953D-02	-2.28268D-05	-3.25882D-04	4.32437D-04
228	1.16688D-02	-3.78300D-07	-1.85275D-02	-6.32692D-04	3.21928D-04	-5.23940D-04
229	9.06621D-03	3.77146D-03	-1.23016D-02	-4.99181D-04	3.44806D-04	-3.68422D-04
230	7.67763D-03	3.77310D-03	-1.04143D-02	-4.53113D-04	3.38487D-04	-3.32607D-04
231	4.04902D-07	5.54896D-03	-8.77193D-08	-3.18499D-05	5.98695D-04	4.45479D-04
232	-2.36845D-03	4.66778D-03	4.60571D-03	-8.98778D-05	7.16359D-05	-1.62637D-04
233	-2.04137D-03	4.66561D-03	4.42396D-03	-9.09097D-05	7.05885D-05	-1.62280D-04
234	-1.70086D-03	5.20189D-03	4.46560D-03	-9.09597D-05	7.05747D-05	-1.62283D-04
235	-1.71482D-03	4.66330D-03	4.23961D-03	-9.18806D-05	6.95542D-05	-1.61876D-04

236	-6.11437D-10	3.79856D-03	3.15334D-09	2.74279D-05	1.68483D-04	-6.64669D-06
237	-7.01835D-06	3.79863D-03	-2.60330D-05	2.55183D-05	1.66904D-04	-9.06651D-06
238	-7.00856D-05	3.79873D-03	-1.71388D-04	2.32203D-05	1.64866D-04	-1.25067D-05
239	-7.01003D-05	3.88531D-03	8.69007D-04	2.32203D-05	1.65059D-04	-1.33699D-05
240	-1.50453D-04	3.79805D-03	-3.04342D-04	2.10318D-05	1.62350D-04	-1.48622D-05
241	-1.50992D-04	1.58064D-04	-8.19889D-05	-2.62179D-05	6.39853D-06	2.53035D-05
242	-5.80580D-05	2.01023D-04	7.74115D-06	-1.08527D-05	1.51851D-06	1.12710D-05
243	-5.82218D-05	9.17537D-05	1.76754D-05	-1.60423D-05	9.79595D-07	1.50969D-05
244	-3.65691D-05	1.35135D-04	-7.52668D-07	1.09456D-05	3.04142D-06	-3.41056D-06
245	-1.80654D-05	6.74822D-05	-5.08441D-07	9.75162D-06	2.65586D-06	-2.44883D-06
246	-2.64300D-06	6.74963D-05	6.10491D-05	9.76519D-06	2.65586D-06	-2.44825D-06
247	-3.27119D-06	1.25348D-05	-2.76377D-07	6.68265D-06	1.80372D-06	-1.48856D-06
248	-3.07412D-05	-9.61189D-07	3.58820D-07	-3.13608D-07	-2.67567D-06	1.22626D-06
249	-1.49271D-05	-1.38787D-06	2.46382D-07	-2.68014D-08	-2.26148D-06	8.88977D-07
250	-2.05688D-05	-1.38816D-06	7.76875D-08	-2.67843D-08	-2.26148D-06	8.93547D-07
251	-2.57803D-06	-6.81634D-07	1.33927D-07	6.34592D-08	-1.51218D-06	5.40379D-07
252	-4.18484D-04	-4.86030D-03	1.49581D-03	-3.32872D-04	-3.13849D-07	-2.82402D-05

M O D A L A N A L Y S I S

MODE NUMBER 28
FREQUENCY= 23.7898 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.90214D-02	2.49230D-03	-5.11329D-03	2.58415D-05	-2.94393D-04	1.28159D-04
3	2.02714D-02	2.61461D-04	-9.52965D-03	-3.73641D-04	-3.30016D-04	3.28032D-04
4	1.41069D-02	2.70712D-04	-1.64810D-02	-3.99861D-04	-3.47533D-04	3.50155D-04
5	9.19120D-03	9.83293D-04	-2.18168D-02	-5.61290D-04	-3.16831D-04	4.10494D-04
6	1.06623D-02	1.21553D-03	-1.81866D-02	-6.96381D-04	-3.28806D-04	3.27079D-04
7	1.86455D-02	-1.43810D-03	-3.13084D-03	-6.95441D-04	-2.93213D-04	3.43755D-04
8	2.75412D-02	-7.40362D-03	1.13969D-02	-6.01851D-04	4.60656D-06	5.49665D-04
9	3.51751D-02	-1.37826D-03	1.98711D-02	-5.98483D-04	-8.39899D-05	6.83216D-04
10	3.57572D-02	-4.55003D-08	2.06323D-02	-5.28684D-04	2.31729D-05	6.50581D-04
11	1.26700D-03	-2.70678D-03	9.18142D-03	1.83445D-08	1.38050D-04	4.74194D-04
12	4.59264D-03	-5.86638D-07	9.19659D-03	2.17000D-06	-1.99804D-04	2.85290D-04
13	1.09975D-02	-2.64213D-03	1.66727D-03	7.29453D-05	-3.95352D-04	-7.88870D-05
14	1.10453D-02	2.59081D-02	-2.21429D-02	6.32422D-04	2.13633D-04	5.48257D-04
15	-1.59371D-02	4.13714D-02	-2.21695D-02	-7.95169D-05	4.24696D-04	9.19971D-04
16	-2.50006D-02	1.58253D-02	-1.31987D-02	-2.13793D-04	4.08113D-04	1.04510D-03
17	-2.49359D-02	-5.97878D-02	1.73258D-02	-2.24209D-04	2.13288D-04	4.02946D-04
18	-2.40163D-02	-6.13936D-02	1.97546D-02	-2.78347D-04	1.03703D-04	2.43440D-05
19	-2.30592D-02	-5.72952D-02	2.06664D-02	-2.43629D-04	4.22092D-05	-1.80054D-04
20	-2.30771D-02	-5.04218D-02	2.00434D-02	-2.61188D-04	-1.16734D-04	-4.96730D-04
21	-2.29070D-02	-1.36364D-02	8.70018D-03	-1.59381D-04	-2.50848D-04	-7.38458D-04
22	-9.24266D-03	3.24566D-04	1.34336D-03	-7.16016D-05	-1.41150D-04	-4.18786D-04
23	-6.34424D-10	-6.07346D-10	2.74803D-10	-7.06755D-09	-1.61860D-08	-4.65282D-08
25	-2.08278D-03	-7.88482D-03	-5.71216D-04	-7.24842D-05	4.09561D-05	-4.47096D-05
26	-4.04293D-03	-6.51795D-03	2.85661D-03	3.10148D-04	8.41779D-05	6.62709D-05
27	-4.79196D-03	-6.52410D-03	6.38259D-03	3.21158D-04	8.89651D-05	6.83945D-05
28	-6.61081D-03	-4.32022D-03	1.16973D-02	3.57460D-04	1.62055D-04	1.41780D-04
29	-6.60874D-03	-2.74218D-03	9.87335D-03	3.59837D-04	1.73571D-04	1.47978D-04
30	-6.17787D-03	-3.22565D-02	4.19254D-02	3.60359D-04	-4.07009D-04	-2.65004D-04
31	-1.40057D-02	-2.92736D-03	4.26585D-02	-1.18850D-04	3.39937D-04	-1.26759D-04
32	-3.12218D-02	5.14247D-03	2.40804D-02	2.02869D-04	-6.89658D-05	6.52671D-04
33	-1.47649D-02	1.50673D-02	2.00888D-02	3.52059D-04	-8.14220D-04	1.24513D-03
34	2.61077D-02	-8.78390D-02	-2.14315D-02	7.31335D-04	-1.40732D-04	1.73968D-03
35	2.60234D-02	-8.42928D-02	-2.17541D-02	1.13887D-03	9.95913D-05	1.55818D-03
36	6.65873D-03	1.58767D-02	-1.60284D-02	-9.11183D-04	-2.87274D-04	3.95037D-04
37	2.64459D-03	2.40194D-02	-2.08193D-02	-3.10464D-04	-2.62429D-04	9.66200D-06
38	2.62569D-02	2.47100D-02	3.14053D-03	5.29066D-04	-4.23981D-04	-2.50658D-04
39	2.35540D-02	2.93168D-02	-6.80084D-03	1.00630D-04	1.61282D-04	-4.04935D-04
40	1.31768D-02	3.76963D-02	-1.35729D-03	-4.33262D-04	5.24644D-04	-1.35383D-03
41	3.63204D-03	3.76975D-02	1.74715D-03	-4.45362D-04	5.59863D-04	-1.30963D-03
42	-1.01875D-02	3.22310D-02	6.49406D-03	-7.19431D-04	4.08531D-04	-7.87735D-04
43	-1.68186D-02	1.99953D-02	6.47558D-03	-7.55852D-04	3.61907D-04	-5.24260D-04
44	-1.80718D-02	1.39326D-02	6.02636D-03	-1.04620D-03	-2.88007D-04	1.10638D-04
45	-1.80315D-02	6.57848D-03	5.68308D-02	-8.67405D-04	3.23873D-04	-2.18547D-04
46	-1.80210D-02	6.78915D-03	5.70292D-02	-8.67252D-04	-1.89984D-04	-1.98725D-04
47	-3.94505D-03	5.24622D-03	1.13316D-02	-3.48797D-04	-1.35895D-04	-2.25364D-04
48	-3.36628D-03	5.37715D-03	1.03923D-02	-3.23872D-04	-1.29991D-04	-2.45809D-04
49	5.22759D-03	4.33883D-03	2.43109D-03	-1.17882D-04	2.01520D-05	-2.26016D-04
50	2.98165D-03	2.54563D-03	1.89274D-03	-1.84539D-05	1.44570D-04	-1.98957D-04
51	2.38776D-03	1.58933D-03	1.22276D-03	-1.46055D-05	1.42700D-04	-1.96818D-04

52	2.91570D-05	2.25962D-07	1.65659D-05	9.20143D-07	8.94614D-06	-5.90830D-06
53	2.73371D-11	1.88619D-12	2.32162D-11	1.50089D-10	7.75296D-10	-7.20288D-10
54	6.41562D-05	-3.21263D-03	3.57714D-03	-8.35713D-04	1.09011D-06	-3.49818D-04
55	9.27351D-04	-3.98528D-02	3.89387D-03	-1.06587D-03	-6.13685D-05	-4.05487D-04
56	2.20427D-03	-4.94279D-02	2.94402D-03	-1.02345D-03	-2.30071D-04	-4.76162D-04
57	2.53921D-03	9.01360D-04	1.95817D-03	-6.26430D-04	2.48631D-04	-3.69616D-04
58	-7.81768D-04	2.54318D-03	7.67580D-03	-4.25094D-04	-2.63002D-05	-2.65706D-04
59	-4.76556D-03	2.82876D-03	1.41596D-02	-3.77617D-04	-1.22549D-04	-2.23172D-04
60	1.98262D-02	-1.35870D-03	3.68996D-03	-7.70089D-04	-7.93645D-05	7.23604D-04
61	7.74073D-03	-5.49226D-03	-7.96521D-03	-4.49646D-04	-1.35644D-04	1.03483D-03
62	2.83238D-02	6.33408D-04	1.25907D-04	-1.59889D-04	-2.94970D-04	6.10763D-04
63	2.95969D-02	2.56480D-03	3.85704D-04	-3.59290D-04	2.02494D-04	-1.41198D-05
64	2.96290D-02	-7.56732D-03	-2.07523D-02	-1.24568D-04	2.99469D-04	-1.17926D-04
65	2.42270D-02	-5.39989D-03	-2.36441D-02	1.54781D-04	1.04840D-04	6.31238D-04
66	3.97757D-03	-5.43523D-03	-1.82552D-02	1.82910D-04	8.48584D-05	6.79118D-04
67	-5.22307D-03	-5.53982D-04	-1.62312D-02	-1.52105D-05	-8.20638D-05	4.11401D-04
68	1.01630D-02	7.18879D-03	-6.67921D-03	-1.36905D-04	-8.30431D-06	7.54704D-06
69	9.54501D-03	5.74126D-03	-6.75183D-03	-2.23540D-04	1.45438D-04	-3.80689D-05
70	3.67877D-03	-3.42644D-03	-6.59216D-03	-2.13019D-04	7.01552D-05	-1.48488D-04
71	2.76748D-03	-7.36968D-03	-4.18538D-03	-2.66360D-04	-1.64961D-04	-1.50912D-04
72	1.58042D-03	-8.01558D-03	-5.50475D-04	-8.34857D-05	-1.25002D-04	-3.19500D-05
73	1.74854D-03	-8.14852D-03	-6.32526D-03	9.09450D-05	-8.75196D-05	1.56202D-05
74	1.99913D-03	-7.15312D-03	-5.69483D-03	1.36883D-05	-9.03860D-05	1.02720D-04
76	3.59340D-03	8.25115D-04	-3.74309D-03	-1.65034D-04	1.01975D-04	-9.39602D-05
77	3.52010D-03	2.49172D-03	-8.70261D-04	-1.29844D-04	1.12026D-04	-3.94693D-05
78	4.71244D-04	5.61831D-04	8.24999D-05	-3.10116D-05	1.48687D-04	1.43717D-04
79	-6.53238D-04	4.42527D-04	2.77212D-04	4.76608D-07	-2.12693D-07	-5.34339D-05
80	-3.23839D-05	8.49523D-05	8.54056D-08	-6.46057D-06	-6.04296D-07	-1.04046D-05
82	-1.84417D-04	8.34606D-04	-1.98653D-04	1.29982D-05	4.28547D-05	-1.38776D-05
83	-3.64439D-04	6.97069D-04	-4.04579D-04	-9.82027D-06	2.55702D-05	-2.77822D-05
84	-4.97947D-04	1.52754D-04	-7.81900D-04	-1.73968D-05	1.99614D-05	-2.38683D-05
85	-5.61255D-04	3.67932D-05	-7.59100D-04	-1.95618D-05	9.98624D-06	6.36311D-06
86	-1.51515D-05	3.20974D-05	2.16292D-06	-6.22959D-06	4.87674D-07	5.01931D-06
87	-1.43464D-05	5.08661D-05	8.82959D-07	-2.19133D-07	5.07515D-07	-7.49004D-07
88	-1.06304D-05	3.82865D-05	-2.37476D-07	2.77574D-06	8.19466D-07	-1.06982D-06
90	-1.38343D-05	-3.40033D-06	1.87796D-06	-2.74212D-06	-8.30683D-07	1.25020D-06
91	-9.33512D-06	-7.80833D-06	3.19235D-08	3.76178D-07	-7.61875D-07	9.05218D-08
93	2.80112D-03	7.21013D-04	-7.55804D-04	4.08821D-05	-1.53522D-04	3.28427D-05
94	1.34585D-02	2.32522D-03	-3.61903D-03	4.35912D-05	-2.74012D-04	9.65546D-05
95	8.95142D-03	1.58834D-03	-2.13853D-02	-6.65630D-04	-3.24303D-04	3.27356D-04
96	8.15720D-03	9.78712D-03	-1.68400D-02	-8.68137D-04	-2.96140D-04	3.90679D-04
97	1.24013D-02	5.54429D-04	-1.49196D-02	-7.02065D-04	-3.32535D-04	3.19753D-04
98	1.37703D-02	8.24262D-08	-1.23447D-02	-7.02909D-04	-3.31537D-04	3.20678D-04
99	2.72171D-02	-6.81563D-03	1.14528D-02	-5.64736D-04	-8.89570D-05	6.36929D-04
100	3.03245D-02	-4.85616D-03	1.48175D-02	-5.60816D-04	-1.76652D-04	6.72153D-04
101	3.42844D-02	-2.17451D-03	1.89246D-02	-5.83206D-04	-1.29220D-04	6.85926D-04
102	3.57038D-02	-5.91726D-04	2.05085D-02	-5.55172D-04	-2.43630D-05	6.63925D-04
103	2.82334D-02	-1.36936D-03	1.29070D-02	-7.05332D-04	-8.18612D-05	6.98671D-04
104	2.50405D-04	-2.54308D-03	9.22062D-03	4.02083D-05	3.93070D-05	4.67654D-04
105	-7.07496D-06	-1.45835D-03	9.24546D-03	6.33414D-05	-3.51981D-05	4.63930D-04
106	-1.33661D-02	-3.42036D-04	1.18689D-02	9.35930D-05	-3.77426D-05	4.97925D-04
107	1.65617D-03	-3.78106D-04	9.22307D-03	3.88716D-05	-1.10928D-04	3.91063D-04
108	1.10090D-02	-1.87825D-03	-1.58877D-03	9.30400D-05	-4.00307D-04	-1.53095D-04
109	1.25459D-02	-1.47989D-03	-1.57997D-03	4.61092D-05	-7.21964D-05	6.94085D-05
110	1.25539D-02	-1.36937D-03	-1.57619D-03	4.45638D-05	4.36984D-05	1.64767D-04
111	1.19196D-02	-1.15650D-03	-1.57016D-03	6.47836D-05	1.95832D-04	3.15752D-04
112	1.04804D-02	-7.07262D-04	-1.56539D-03	9.80142D-05	2.65303D-04	4.13027D-04
113	-4.12676D-03	-1.20812D-03	5.30757D-03	3.00956D-04	2.87108D-04	5.75783D-04
114	8.75334D-03	-2.59586D-04	-1.56555D-03	6.15817D-05	3.00727D-04	4.16596D-04
115	7.92135D-03	-1.41631D-04	-1.56565D-03	4.13668D-05	3.20785D-04	4.19657D-04

116	6.78863D-03	-5.25251D-05	-1.56577D-03	2.52415D-05	3.37126D-04	4.23594D-04
117	5.61640D-03	1.33009D-08	-1.56581D-03	1.97022D-05	3.42816D-04	4.23594D-04
118	8.02172D-03	-5.25172D-05	-1.65255D-03	3.94499D-05	3.11777D-04	5.07465D-04
119	3.00411D-03	1.50327D-04	-1.56585D-03	1.97148D-05	3.42564D-04	4.23594D-04
120	1.10840D-02	-5.25003D-05	-1.92142D-03	5.73769D-05	2.59873D-04	6.12780D-04
121	1.28573D-02	9.65253D-05	-2.15057D-03	5.83938D-05	2.56029D-04	6.18687D-04
122	1.10241D-02	1.56641D-06	-5.69461D-03	1.18806D-04	-4.01081D-04	-2.63596D-04
123	1.10503D-02	7.44563D-03	-1.33464D-02	1.67762D-04	-3.72886D-04	-4.30179D-04
124	1.11017D-02	3.01290D-02	-2.69068D-02	2.91439D-04	-1.33338D-04	-3.22358D-04
125	1.11097D-02	3.31011D-02	-2.79299D-02	3.17205D-04	-5.61838D-05	-2.07185D-04
126	1.11217D-02	3.59786D-02	-2.81063D-02	3.49156D-04	5.12963D-05	-9.99962D-06
127	1.21432D-02	3.68548D-02	-1.99829D-02	3.06124D-04	4.86929D-05	-4.09504D-05
128	1.10852D-02	3.30954D-02	-2.56331D-02	4.68630D-04	1.45981D-04	2.49624D-04
129	1.10714D-02	3.11481D-02	-2.45417D-02	5.26439D-04	1.76449D-04	3.61186D-04
130	1.31589D-02	1.75531D-02	-2.20844D-02	8.57237D-04	1.88069D-04	7.22663D-04
131	8.34700D-03	3.19615D-02	-2.21532D-02	4.86052D-04	2.65769D-04	6.02058D-04
132	-2.50023D-02	4.04097D-07	-7.13216D-03	-2.15467D-04	3.89740D-04	1.00935D-03
133	-2.30348D-02	-4.16588D-02	1.77004D-02	-2.32499D-04	-1.75607D-04	-6.15127D-04
134	1.60019D-02	-1.57811D-06	-2.19897D-02	1.17240D-03	1.67890D-04	9.92199D-04
135	1.84647D-02	-2.01950D-02	-2.19018D-02	1.35826D-03	1.61107D-04	1.23002D-03
136	2.17836D-02	-5.01881D-02	-2.18038D-02	1.36535D-03	1.57089D-04	1.42663D-03
137	-1.75975D-02	-5.50651D-02	1.63485D-02	1.41537D-03	1.56900D-04	1.47983D-03
138	2.52084D-02	-7.72047D-02	-2.17681D-02	1.21181D-03	1.29169D-04	1.51503D-03
139	1.73961D-02	-4.92044D-02	-1.29674D-02	3.54958D-04	-4.48786D-04	1.79858D-03
140	-3.18267D-03	9.52905D-08	8.38897D-03	2.83593D-04	-7.47255D-04	1.50970D-03
141	-9.73593D-03	9.89616D-03	1.50102D-02	3.36585D-04	-8.03589D-04	1.36759D-03
142	-5.39198D-03	3.37258D-02	1.75062D-02	1.48266D-03	-6.71459D-04	2.51204D-03
143	-3.62618D-03	4.29876D-02	1.84799D-02	5.32552D-04	-6.83404D-04	1.56125D-03
144	-6.53352D-04	4.41973D-02	2.01978D-02	-2.73878D-03	-7.87235D-04	-1.71118D-03
145	3.38016D-03	1.40043D-02	2.32425D-02	-6.42410D-03	-9.30544D-04	-5.39721D-03
146	5.33025D-01	-8.67553D-03	-5.31794D-01	-2.69902D-02	-1.86960D-03	-2.59956D-02
147	6.82241D-03	-1.61443D-02	2.66864D-02	-2.75097D-03	-7.44374D-04	-1.70668D-03
148	8.04568D-03	-1.81774D-02	2.79101D-02	-6.99804D-04	-6.39952D-04	3.59396D-04
149	9.38796D-03	-1.17363D-02	2.92528D-02	9.53722D-04	-5.55747D-04	2.03209D-03
150	1.05907D-02	-1.87479D-06	3.04561D-02	1.50837D-03	-5.27944D-04	2.58674D-03
151	1.50890D-02	-1.17370D-02	2.69726D-02	7.99054D-04	-6.43124D-04	2.28584D-03
152	1.34502D-02	2.20913D-02	3.33161D-02	1.50968D-03	-5.30721D-04	2.58805D-03
153	2.83819D-02	-1.17382D-02	2.33007D-02	6.01169D-04	-8.22039D-04	2.60080D-03
154	4.01847D-02	-5.92872D-03	2.24790D-02	5.89587D-04	-8.35291D-04	2.61801D-03
155	-3.12515D-02	1.86945D-06	2.42351D-02	1.38167D-04	4.01922D-05	5.19405D-04
156	-2.53399D-02	-6.87636D-03	3.09028D-02	-2.69761D-05	3.25788D-04	5.71517D-05
157	-2.03270D-02	-6.36640D-03	3.63159D-02	-3.44085D-06	3.43454D-04	-1.19783D-05
158	-2.09379D-02	-6.48436D-03	3.84520D-02	9.55493D-05	3.34451D-04	4.04056D-05
159	-1.50849D-02	-4.11585D-03	4.15150D-02	-8.40242D-05	3.44628D-04	-9.21850D-05
160	-1.18406D-02	-1.06924D-06	4.49665D-02	-1.47935D-04	3.24309D-04	-1.54660D-04
161	-2.44065D-03	1.16237D-02	5.68110D-02	-4.98794D-05	4.09089D-05	-2.63949D-05
162	-6.25195D-03	-1.82196D-07	4.94984D-02	2.03591D-04	-8.59272D-05	2.85469D-04
163	-6.71659D-03	-6.42456D-03	4.83068D-02	2.52985D-04	-5.20824D-06	3.34932D-04
164	-6.50689D-03	-1.13237D-02	4.89326D-02	2.80065D-04	5.65866D-05	3.47853D-04
165	-5.29247D-03	-3.45134D-02	5.50044D-02	3.51817D-04	-1.31647D-05	1.43847D-04
166	2.45099D-02	2.47017D-02	-5.54555D-04	5.25400D-04	-4.22229D-04	-2.51999D-04
167	2.89235D-02	2.47835D-02	8.32863D-03	5.32724D-04	-4.23742D-04	-2.64075D-04
168	2.55276D-02	2.56921D-02	-2.08105D-04	5.24599D-04	-4.21980D-04	-2.30585D-04
169	2.43573D-02	2.62068D-02	-5.17719D-03	4.70164D-04	-3.05146D-04	-9.88553D-05
170	2.33481D-02	2.62350D-02	-8.33276D-03	2.18484D-04	8.18615D-05	-2.09070D-04
171	2.31677D-02	2.62405D-02	-9.32102D-03	3.61685D-04	8.18615D-05	6.76238D-05
172	2.35913D-02	2.62448D-02	-1.04187D-02	4.41645D-04	8.18615D-05	2.21507D-04
173	2.47996D-02	2.62469D-02	-1.27203D-02	4.51594D-04	8.18615D-05	2.40470D-04
174	2.64620D-02	2.62474D-02	-1.57920D-02	4.56496D-04	8.18615D-05	2.48685D-04
175	2.34266D-02	2.73758D-02	-7.68357D-03	1.60557D-04	1.24813D-04	-3.02269D-04

176	8.97752D-03	3.76971D-02	-6.30977D-08	-4.39299D-04	5.39738D-04	-1.34123D-03
177	-1.81273D-02	2.22975D-08	-1.19814D-02	-9.97809D-04	-2.46445D-04	2.66442D-04
178	-1.81235D-02	-6.77480D-03	6.34502D-08	-9.31763D-04	7.04165D-04	-8.34189D-05
179	8.85352D-03	5.01726D-09	-3.00415D-02	-7.13982D-04	-5.84718D-04	-2.10856D-04
180	4.55549D-04	4.43602D-03	-1.56968D-03	-5.53997D-04	4.65602D-04	-1.53256D-04
181	-8.10964D-04	4.16628D-03	2.65194D-03	-5.47263D-04	4.10146D-04	-1.29083D-04
182	-5.28780D-03	1.36265D-03	1.59661D-02	-3.85240D-04	-1.13070D-04	-2.10718D-04
183	-5.05816D-03	1.99793D-03	1.51707D-02	-3.81928D-04	-1.18502D-04	-2.15915D-04
184	-2.99805D-03	2.82028D-03	1.12164D-02	-4.02781D-04	-7.76754D-05	-2.44651D-04
185	-4.45930D-03	3.74046D-03	1.31017D-02	-3.66105D-04	-1.30437D-04	-2.25080D-04
186	3.29321D-03	1.42151D-03	4.24960D-03	-2.25574D-04	-8.06776D-05	-2.36352D-04
187	3.87291D-03	1.34428D-03	3.69965D-03	-2.10352D-04	-6.86721D-05	-2.37016D-04
188	4.34225D-03	1.39130D-03	3.27793D-03	-1.95218D-04	-5.71111D-05	-2.38396D-04
189	2.68436D-03	2.07029D-03	1.56113D-03	-1.65557D-05	1.43984D-04	-1.97903D-04
190	-6.37789D-03	-2.00530D-07	2.53376D-07	3.60194D-04	-3.56044D-04	-3.04457D-04
191	-6.59889D-03	-1.52628D-08	6.62958D-03	3.59872D-04	1.92180D-04	1.52363D-04
192	-6.60286D-03	-1.02655D-03	7.87397D-03	3.59859D-04	1.85881D-04	1.52342D-04
193	-8.00036D-03	-2.78101D-03	1.33973D-02	3.67143D-04	1.59889D-04	1.38202D-04
194	-1.45469D-03	-6.17425D-03	-3.67834D-04	-9.12840D-05	3.52910D-05	-4.63137D-05
195	-3.24690D-04	-1.72978D-03	-6.56122D-05	-7.62462D-05	1.83012D-05	-3.13573D-05
196	-2.35385D-03	-3.20601D-03	9.33625D-03	-8.10667D-04	2.81805D-06	-3.41311D-04
197	3.58546D-03	-3.55481D-03	-4.81208D-03	-8.37934D-04	1.05603D-06	-3.51448D-04
198	5.64351D-05	-1.07834D-02	3.57878D-03	-8.58903D-04	-1.04118D-06	-3.56168D-04
199	2.84281D-03	-4.79411D-02	8.69174D-04	-9.95384D-04	-2.73547D-04	-5.02668D-04
200	4.54758D-03	-4.37005D-02	-4.68412D-03	-9.28735D-04	-3.43884D-04	-5.90023D-04
201	2.45911D-03	-4.37047D-02	-1.66202D-03	-9.03610D-04	-3.50723D-04	-6.49317D-04
202	1.10001D-03	-4.37071D-02	1.92290D-04	-8.99156D-04	-3.54982D-04	-6.53082D-04
203	-9.96651D-04	-4.24739D-02	2.42067D-03	-9.16178D-04	-3.64777D-04	-5.75685D-04
204	-1.75124D-04	-4.01144D-02	-2.96213D-04	-8.80184D-04	-3.64825D-04	-6.69288D-04
205	5.29706D-04	-3.72148D-02	-2.62652D-03	-8.71228D-04	-3.55021D-04	-6.77645D-04
206	6.45150D-03	-3.71981D-02	-1.08844D-02	-8.59249D-04	-3.30786D-04	-6.83633D-04
207	9.10883D-03	-2.03530D-02	-1.95425D-02	-7.87347D-04	-8.83892D-05	-6.40403D-04
208	2.93711D-03	2.51419D-08	6.58855D-04	-6.39461D-04	2.65462D-04	-3.64772D-04
209	1.04371D-02	-5.31078D-03	-6.98646D-03	-3.98542D-04	-2.11354D-04	1.06993D-03
210	1.22269D-02	-4.99715D-03	-6.27709D-03	-3.95325D-04	-2.23658D-04	1.07269D-03
211	-1.11994D-02	-4.07546D-03	-1.50117D-02	-4.13313D-04	-2.23223D-04	1.08599D-03
212	1.41807D-02	-4.59576D-03	-5.49318D-03	-3.77406D-04	-2.36149D-04	1.05901D-03
213	2.60198D-02	-1.40262D-07	-7.91787D-04	-1.73549D-04	-3.13705D-04	6.91104D-04
214	-5.01744D-03	3.53296D-08	-1.61040D-02	-1.69982D-05	-8.69498D-05	4.04357D-04
215	4.70800D-03	-1.31498D-03	-6.63113D-03	-2.23348D-04	1.15830D-04	-1.22251D-04
216	3.65255D-03	-1.89759D-03	-5.81901D-03	-1.98023D-04	8.18084D-05	-1.39594D-04
217	3.68261D-03	-5.08706D-03	-6.92776D-03	-2.18016D-04	3.32151D-05	-1.60042D-04
218	1.41417D-03	-8.02643D-03	-1.74668D-07	-6.36438D-05	-1.22821D-04	-2.63415D-05
219	1.36498D-03	-8.13903D-03	-3.62779D-03	9.60547D-05	-9.37473D-05	1.20463D-05
220	1.38946D-03	-8.13957D-03	-3.82189D-03	9.61137D-05	-9.35649D-05	1.20764D-05
221	1.41171D-03	-8.05758D-03	-3.34017D-03	9.61122D-05	-9.35326D-05	1.19977D-05
222	1.41386D-03	-8.13988D-03	-4.01561D-03	9.61409D-05	-9.34135D-05	1.21594D-05
223	1.63135D-03	-8.14827D-03	-5.58086D-03	9.32413D-05	-8.85858D-05	1.44461D-05
224	1.66039D-03	-8.14850D-03	-5.76834D-03	9.30346D-05	-8.84344D-05	1.45074D-05
225	1.68221D-03	-8.05394D-03	-5.31449D-03	9.30341D-05	-8.83826D-05	1.44288D-05
226	1.68936D-03	-8.14852D-03	-5.95464D-03	9.28124D-05	-8.83324D-05	1.46272D-05
227	1.03195D-03	-3.89846D-03	-2.93546D-03	-1.39595D-06	-7.83830D-05	9.70402D-05
228	3.61531D-03	-7.51185D-08	-4.55604D-03	-1.77123D-04	9.55788D-05	-1.13390D-04
229	3.04542D-03	8.25894D-04	-2.77814D-03	-1.40427D-04	9.89095D-05	-8.04913D-05
230	2.74106D-03	8.26368D-04	-2.24811D-03	-1.26806D-04	9.69863D-05	-7.37215D-05
231	1.26167D-07	5.60713D-04	-1.91957D-08	-2.94727D-05	1.46974D-04	1.39448D-04
232	-1.12439D-03	4.45548D-04	2.66530D-04	1.68934D-06	2.83490D-06	-5.46104D-05
233	-1.01442D-03	4.45274D-04	2.69832D-04	1.57596D-06	2.54845D-06	-5.45438D-05
234	-1.01518D-03	4.50543D-04	2.70071D-04	1.57139D-06	2.53857D-06	-5.45445D-05
235	-9.04460D-04	4.44987D-04	2.72873D-04	1.46559D-06	2.27144D-06	-5.44596D-05

236	-1.22433D-10	8.34727D-04	9.16881D-10	1.55029D-05	4.52409D-05	-1.23594D-05
237	-1.24191D-05	8.34765D-04	-1.50935D-05	1.49154D-05	4.47601D-05	-1.27630D-05
238	-9.04407D-05	8.34826D-04	-1.02217D-04	1.42010D-05	4.41398D-05	-1.33377D-05
239	-9.04609D-05	9.20825D-04	1.76241D-04	1.42010D-05	4.41816D-05	-1.35563D-05
240	-1.70878D-04	8.34689D-04	-1.85392D-04	1.35235D-05	4.34158D-05	-1.36082D-05
241	-4.28505D-05	3.25036D-05	-2.94233D-05	-8.69275D-06	1.30396D-06	7.66139D-06
242	-1.50016D-05	4.63084D-05	1.52891D-06	-4.01320D-06	2.67257D-07	3.53541D-06
243	-1.50351D-05	1.39004D-05	3.55299D-06	-5.08008D-06	2.41753D-07	4.32161D-06
244	-9.63095D-06	3.47579D-05	-1.98982D-07	2.77953D-06	7.98341D-07	-8.77894D-07
245	-4.76405D-06	1.74410D-05	-1.34337D-07	2.49958D-06	6.98801D-07	-6.30274D-07
246	-7.95027D-07	1.74449D-05	1.56465D-05	2.50330D-06	6.98801D-07	-6.30085D-07
247	-8.65599D-07	3.27834D-06	-7.30223D-08	1.72040D-06	4.75148D-07	-3.83122D-07
248	-8.44411D-06	-7.15564D-06	2.71305D-08	4.63514D-07	-7.23801D-07	7.55065D-08
249	-4.12533D-06	-3.84273D-06	1.90814D-08	4.87880D-07	-6.18468D-07	5.61337D-08
250	-4.48859D-06	-3.84359D-06	3.09936D-06	4.88616D-07	-6.18468D-07	5.71996D-08
251	-7.24651D-07	-8.39468D-07	1.03722D-08	3.58602D-07	-4.15791D-07	3.41218D-08
252	1.38769D-04	-2.05576D-02	3.62203D-03	-9.73512D-04	-2.50409D-05	-3.86124D-04

M O D A L A N A L Y S I S

MODE NUMBER 29
FREQUENCY= 24.0776 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-8.61193D-03	2.29783D-03	2.19440D-03	1.66665D-06	1.49474D-04	-1.36616D-04
3	-9.00375D-03	3.14086D-03	3.55711D-03	9.45880D-05	2.21935D-04	-2.24787D-04
4	-4.77475D-03	3.13885D-03	5.29591D-03	1.13731D-04	2.46685D-04	-2.43344D-04
5	-1.14184D-03	2.18183D-03	7.00578D-03	3.00919D-04	2.07915D-04	-3.19683D-04
6	-1.33363D-03	2.39707D-04	5.11440D-03	4.62276D-04	1.58468D-04	-2.93950D-04
7	-5.18565D-03	-2.83405D-03	-2.11400D-03	3.65601D-04	1.37433D-04	-3.23422D-04
8	-8.42826D-03	-1.08399D-02	-7.65558D-03	2.64274D-04	-3.55318D-05	-2.02205D-04
9	-6.16671D-03	-5.18944D-04	-5.63469D-03	1.46996D-04	-3.99563D-05	-8.09836D-05
10	-5.48781D-03	-1.12747D-07	-4.99314D-03	1.00648D-04	-6.65387D-05	-1.06842D-04
11	3.38394D-03	-5.66452D-03	-6.65858D-04	5.27939D-05	4.02576D-05	-1.70309D-04
12	-3.62888D-03	-1.95870D-07	-6.94488D-04	7.67438D-05	1.27011D-04	-8.02273D-05
13	-6.10421D-03	1.07615D-03	1.29080D-03	1.34952D-05	6.65009D-05	4.19990D-05
14	-6.19985D-03	-5.00477D-03	3.00072D-03	-1.23103D-04	-2.17852D-05	-9.04000D-05
15	-2.74893D-05	-7.36484D-03	3.05219D-03	3.05395D-05	-1.20628D-04	-1.53315D-04
16	2.80798D-03	-2.61074D-03	9.97618D-05	6.28116D-05	-1.42308D-04	-1.72926D-04
17	2.82743D-03	9.26895D-03	-1.09964D-02	7.89296D-05	-6.26894D-05	-5.88239D-05
18	2.70845D-03	9.17368D-03	-1.14668D-02	8.98907D-05	2.08664D-06	-1.04131D-07
19	2.90666D-03	7.93987D-03	-1.12661D-02	8.60826D-05	2.99747D-05	3.01776D-05
20	3.21763D-03	6.56061D-03	-1.03567D-02	8.92876D-05	8.45557D-05	7.57822D-05
21	3.21239D-03	1.16731D-03	-4.32279D-03	7.58200D-05	1.15293D-04	1.03206D-04
22	1.14865D-03	-3.11516D-04	-9.44793D-04	4.48516D-05	5.52297D-05	4.43448D-05
23	3.72778D-11	9.29137D-11	-1.27415D-10	5.41264D-09	4.30517D-09	4.69319D-09
25	3.85204D-03	-1.53795D-02	6.80259D-04	-3.11404D-04	-1.87330D-05	-7.61236D-05
26	3.47661D-03	-2.80284D-02	-1.60634D-02	-8.41426D-04	2.74536D-04	-1.19858D-05
27	3.64674D-03	-2.80118D-02	-2.54895D-02	-8.21714D-04	3.06424D-04	5.01345D-06
28	-1.22849D-03	-1.90940D-02	-4.11469D-02	-2.15837D-04	2.41804D-05	6.36574D-04
29	-1.20587D-03	-1.18474D-02	-4.14620D-02	-1.25762D-04	4.21908D-06	6.48504D-04
30	-4.03118D-04	-4.92455D-02	1.07009D-02	2.79030D-04	-2.39667D-06	-3.54941D-04
31	1.09453D-04	5.67077D-06	-6.74049D-03	1.44616D-04	-1.14317D-04	-1.50471D-04
32	3.88262D-03	-8.83536D-04	-2.96016D-03	2.21780D-05	5.78174D-06	-1.66106D-04
33	2.48541D-03	-2.20508D-03	-2.66479D-03	-6.36225D-05	7.17644D-05	-2.11877D-04
34	-2.90589D-03	1.56814D-02	2.70694D-03	-1.17228D-04	5.56493D-05	-2.99692D-04
35	-3.64378D-03	1.51253D-02	3.02257D-03	-1.97884D-04	4.43847D-05	-2.61091D-04
36	-6.49451D-04	-1.43949D-02	4.70388D-03	8.33393D-04	-6.17802D-05	-6.75135D-04
37	4.66839D-04	-2.36948D-02	1.14702D-02	4.55740D-05	-7.21901D-04	-3.10036D-04
38	6.09546D-02	-2.53070D-02	4.82071D-02	1.72888D-03	-2.95368D-03	-1.01194D-03
39	4.73420D-02	3.54981D-02	-9.74031D-03	2.78034D-03	1.84221D-03	-2.55822D-03
40	7.84972D-03	6.74756D-02	5.06500D-03	1.70083D-03	4.80642D-03	-6.01079D-03
41	-3.53925D-02	6.74561D-02	-7.69607D-03	1.82646D-03	5.32776D-03	-6.03275D-03
42	-1.37950D-01	7.68822D-02	-2.23217D-02	1.09648D-04	5.81255D-03	-4.61321D-03
43	-2.32435D-01	7.49759D-02	-2.26990D-02	-2.51600D-04	5.15482D-03	-3.13801D-03
44	-2.50292D-01	7.54472D-02	-2.87915D-02	-2.32980D-03	-3.89429D-03	5.98596D-04
45	-2.49849D-01	3.85772D-02	7.88889D-01	-3.35575D-03	3.83983D-03	-1.01448D-03
46	-2.49381D-01	3.96991D-02	7.89586D-01	-3.39221D-03	-3.52607D-03	-8.32934D-04
47	5.75765D-02	2.24181D-02	-1.65935D-01	-3.13805D-03	1.24011D-03	-1.59692D-03
48	5.09763D-02	2.21364D-02	-1.55417D-01	-2.65640D-03	1.69599D-03	-2.06906D-03
49	-6.56518D-02	3.90588D-02	-4.61327D-02	-6.95412D-04	-4.67123D-04	-1.03025D-03
50	-2.72132D-02	1.43145D-02	-3.76085D-02	-1.33363D-03	-2.32057D-03	-1.72146D-04
51	-1.76662D-02	8.41940D-03	-2.68287D-02	-1.39133D-03	-2.27398D-03	-6.55097D-05

52	-3.19120D-04	-6.40890D-06	-3.69374D-04	-3.84692D-05	-1.73968D-04	1.55295D-05
53	-4.54155D-10	-5.34975D-11	-4.61044D-10	-5.25586D-09	-1.50765D-08	2.65774D-09
54	-5.41893D-03	-1.44243D-02	-7.26255D-02	-4.88646D-03	-1.61263D-03	-1.41126D-03
55	-4.16975D-02	-2.23968D-01	-5.69226D-02	-6.30299D-03	-6.57665D-04	-1.94535D-03
56	1.96469D-02	-2.83514D-01	-3.39923D-02	-6.13264D-03	4.10578D-03	-2.55573D-03
57	1.02399D-01	3.69504D-03	-2.97240D-01	-4.53495D-03	-1.89892D-03	-2.08372D-03
58	8.80020D-02	7.88046D-03	-2.57902D-01	-4.56697D-03	1.59182D-04	-1.54976D-03
59	6.41049D-02	1.07246D-02	-1.89583D-01	-3.59960D-03	7.95676D-04	-1.54178D-03
60	-4.58871D-03	-5.20896D-04	-2.65722D-03	1.26954D-04	-4.79832D-05	-6.66675D-05
61	-3.21361D-03	1.95079D-05	-1.14460D-03	2.96232D-05	-5.80309D-05	-5.11858D-05
62	2.17925D-03	-3.26459D-05	1.02556D-03	9.77635D-06	-6.30018D-05	-3.42472D-05
63	2.48924D-03	-2.80429D-04	1.19492D-03	1.75893D-05	2.81639D-05	-1.69855D-05
64	2.49644D-03	-9.54932D-04	-2.05426D-03	2.01591D-05	4.76168D-05	5.58552D-07
65	2.00599D-03	-6.61236D-04	-2.24997D-03	3.18673D-05	3.08407D-05	4.84439D-05
66	4.76114D-04	-6.59685D-04	-1.27663D-03	3.21405D-05	2.50219D-05	5.14229D-05
67	-4.04246D-04	-7.23055D-05	-9.63304D-04	1.22599D-05	2.97933D-06	2.69959D-05
68	4.20230D-04	6.87899D-04	-4.50569D-04	-1.27928D-05	-3.79148D-06	-1.40849D-06
69	4.10364D-04	5.54399D-04	-4.47810D-04	-1.96224D-05	5.28697D-06	-4.44250D-06
70	1.69052D-04	-2.34943D-04	-4.38383D-04	-1.72796D-05	3.22475D-06	-1.05139D-05
71	1.02677D-04	-5.18167D-04	-2.64698D-04	-1.88107D-05	-9.40437D-06	-1.09917D-05
72	1.68348D-05	-5.65174D-04	-3.33321D-05	-5.18357D-06	-6.19649D-06	-2.07757D-06
73	9.82116D-05	-5.75019D-04	-4.23272D-04	5.88000D-06	-4.74834D-06	2.04448D-06
74	1.34844D-04	-4.95493D-04	-3.86418D-04	5.80147D-07	-5.93805D-06	7.11901D-06
76	1.65102D-04	5.56385D-05	-2.72765D-04	-1.32543D-05	6.52856D-06	-6.41378D-06
77	1.61704D-04	1.70686D-04	-7.90054D-05	-1.02896D-05	7.72001D-06	-3.04577D-06
78	2.10664D-05	8.46649D-05	3.69811D-06	-1.54112D-06	1.22074D-05	6.40879D-06
79	1.38553D-05	7.02910D-05	5.50075D-05	-1.20106D-06	2.42071D-06	-1.89000D-06
80	1.20901D-06	1.15192D-05	1.18630D-07	-9.23551D-07	2.65940D-07	-4.38556D-07
82	-2.45360D-06	5.61384D-05	-2.18124D-05	1.45752D-06	2.56433D-06	-2.54480D-07
83	-1.13911D-05	4.89193D-05	-3.65663D-05	-4.09432D-07	1.42764D-06	-1.87339D-06
84	-1.87517D-05	1.18487D-05	-5.73851D-05	-1.05680D-06	1.09515D-06	-1.75169D-06
85	-2.42927D-05	2.83775D-06	-5.47965D-05	-1.34402D-06	4.73053D-07	9.62062D-08
86	-8.20608D-07	2.47568D-06	5.90504D-08	-4.86835D-07	2.30755D-08	2.22068D-07
87	-7.86781D-07	3.12015D-06	4.03079D-08	-6.91743D-08	2.30136D-08	-8.93317D-08
88	-5.92043D-07	2.39635D-06	-1.42918D-08	1.67646D-07	4.52353D-08	-9.50525D-08
90	-7.62599D-07	5.41061D-07	8.71668D-08	-2.63742D-07	-3.82785D-08	6.48448D-08
91	-5.31045D-07	-4.53363D-08	-1.70135D-09	-1.74446D-08	-4.24975D-08	-5.53928D-09
93	-1.14929D-03	3.18243D-04	2.71130D-04	5.62173D-06	6.50525D-05	-4.56552D-05
94	-5.89857D-03	1.59354D-03	1.48956D-03	4.57242D-06	1.30029D-04	-1.10330D-04
95	-4.68685D-04	7.32791D-04	6.73511D-03	4.22474D-04	1.61369D-04	-2.83872D-04
96	-5.61839D-04	-7.81535D-03	4.67201D-03	7.70474D-04	2.62385D-05	-5.71044D-04
97	-2.17844D-03	1.33923D-04	3.53211D-03	4.50920D-04	1.60503D-04	-2.83303D-04
98	-2.84334D-03	-2.87265D-07	2.28645D-03	4.33690D-04	1.59719D-04	-2.90335D-04
99	-6.81919D-03	-7.35850D-03	-6.14138D-03	2.58476D-04	-2.93332D-05	-1.16127D-04
100	-6.62427D-03	-4.32810D-03	-6.00655D-03	2.33456D-04	-7.47081D-06	-8.37973D-05
101	-6.40309D-03	-1.23285D-03	-5.84884D-03	1.75229D-04	-2.52800D-05	-7.57736D-05
102	-5.79375D-03	-9.13514D-05	-5.28453D-03	1.20096D-04	-5.58434D-05	-9.53610D-05
103	-5.40353D-03	-5.19883D-04	-4.21131D-03	1.36880D-04	-4.36505D-05	-7.32507D-05
104	2.94745D-03	-5.16080D-03	-6.71225D-04	7.30702D-05	7.61266D-05	-1.67988D-04
105	1.13798D-03	-3.50612D-03	-6.74666D-04	8.60258D-05	9.98614D-05	-1.66666D-04
106	6.06026D-03	-3.93772D-03	1.51284D-03	8.99771D-05	9.95291D-05	-1.83351D-04
107	-1.28214D-03	-1.58606D-03	-6.84123D-04	8.83004D-05	1.19044D-04	-1.31408D-04
108	-6.11513D-03	6.67915D-04	1.76871D-03	7.62693D-06	5.93006D-05	5.50609D-05
109	-6.08060D-03	1.28509D-03	1.72479D-03	7.42981D-05	-6.20000D-05	-2.46938D-05
110	-5.81694D-03	1.54227D-03	1.70594D-03	3.36042D-05	-1.08621D-04	-5.88743D-05
111	-5.12759D-03	1.52279D-03	1.67607D-03	-1.15708D-04	-1.75354D-04	-1.12994D-04
112	-3.95326D-03	4.59551D-04	1.65251D-03	-2.87694D-04	-2.11782D-04	-1.47861D-04
113	1.53288D-03	-7.36094D-04	-2.48892D-02	-1.27722D-03	-2.75665D-04	-2.06914D-04
114	-2.66894D-03	-5.73901D-04	1.65265D-03	-1.07437D-04	-2.15417D-04	-1.48729D-04
115	-2.09909D-03	-6.39851D-04	1.65273D-03	-6.72565D-06	-2.17555D-04	-1.49474D-04

116	-1.35951D-03	-4.11511D-04	1.65282D-03	7.45304D-05	-2.19366D-04	-1.50431D-04
117	-6.15070D-04	-6.50003D-08	1.65287D-03	1.01739D-04	-2.20118D-04	-1.50431D-04
118	-1.78386D-03	-4.11539D-04	1.46661D-03	6.79988D-05	-2.13208D-04	-1.70834D-04
119	1.06394D-03	7.76144D-04	1.65291D-03	1.01806D-04	-2.20209D-04	-1.50431D-04
120	-2.78352D-03	-4.11592D-04	1.12751D-03	5.95833D-05	-2.00600D-04	-1.96447D-04
121	-3.04945D-03	-2.59954D-04	8.94522D-04	5.90819D-05	-1.99666D-04	-1.97882D-04
122	-6.12863D-03	1.05546D-08	2.32144D-03	-1.21559D-06	5.26031D-05	6.86624D-05
123	-6.15284D-03	-1.54374D-03	3.21033D-03	-1.80164D-05	3.93934D-05	8.29963D-05
124	-6.20567D-03	-5.43568D-03	4.21765D-03	-6.04605D-05	1.77485D-06	5.64726D-05
125	-6.21516D-03	-5.95430D-03	4.19130D-03	-6.93031D-05	-6.19960D-06	4.01423D-05
126	-6.22990D-03	-6.58692D-03	3.95577D-03	-8.02680D-05	-1.51831D-05	1.40387D-05
127	-7.09137D-03	-6.79475D-03	1.90898D-03	-7.67765D-05	-1.36258D-05	3.25530D-05
128	-6.21572D-03	-6.22011D-03	3.50131D-03	-9.83345D-05	-2.20804D-05	-3.77031D-05
129	-6.21029D-03	-5.89596D-03	3.34660D-03	-1.07076D-04	-2.30061D-05	-5.82248D-05
130	-6.26890D-03	-3.36333D-03	3.05358D-03	-1.64987D-04	-5.63590D-07	-1.18480D-04
131	-5.83863D-03	-6.16567D-03	3.06041D-03	-9.18113D-05	-4.19680D-05	-9.95061D-05
132	2.81250D-03	-1.01043D-07	-2.04665D-03	6.54029D-05	-1.40781D-04	-1.64266D-04
133	3.21696D-03	5.23403D-03	-8.87935D-03	8.54925D-05	1.02592D-04	9.17974D-05
134	-5.98993D-03	2.00210D-07	3.04192D-03	-2.18585D-04	2.14413D-05	-1.61877D-04
135	-5.55125D-03	3.70089D-03	3.03103D-03	-2.47015D-04	3.30526D-05	-2.00168D-04
136	-4.75790D-03	9.11013D-03	3.01881D-03	-2.45328D-04	3.86912D-05	-2.31823D-04
137	1.66585D-03	9.94707D-03	-3.79961D-03	-2.56793D-04	3.83598D-05	-2.37716D-04
138	-3.90686D-03	1.38930D-02	3.02161D-03	-2.12718D-04	4.24931D-05	-2.51492D-04
139	-1.04493D-03	8.58581D-03	8.53364D-04	-5.05876D-05	6.76266D-05	-3.12275D-04
140	1.41320D-03	3.83749D-07	-1.59604D-03	-5.31696D-05	7.43999D-05	-2.48355D-04
141	2.05015D-03	-1.40544D-03	-2.23086D-03	-6.22251D-05	7.38588D-05	-2.24127D-04
142	1.70394D-03	-2.99144D-03	-2.51346D-03	-5.11234D-05	5.65296D-05	-1.73594D-04
143	1.57807D-03	-3.43165D-03	-2.61202D-03	1.19679D-06	5.15769D-05	-1.04378D-04
144	1.39568D-03	-3.42960D-03	-2.75107D-03	1.42244D-04	4.68212D-05	6.34269D-05
145	1.18435D-03	-2.05683D-03	-2.92821D-03	2.85021D-04	4.65541D-05	2.23442D-04
146	-1.85611D-02	-1.21538D-03	1.78151D-02	9.88178D-04	7.99842D-05	9.58326D-04
147	1.01668D-03	-5.07476D-04	-3.09635D-03	1.73851D-04	3.56333D-05	1.11212D-04
148	9.59950D-04	-1.67776D-04	-3.15335D-03	1.12078D-04	2.95041D-05	4.85311D-05
149	9.00535D-04	-4.07877D-06	-3.21307D-03	6.26873D-05	2.45589D-05	-2.02761D-06
150	8.49235D-04	5.72491D-08	-3.26449D-03	4.58033D-05	2.29224D-05	-1.89116D-05
151	9.04725D-04	-4.05469D-06	-3.42309D-03	9.41719D-05	2.98819D-05	4.57017D-06
152	7.24927D-04	1.45141D-04	-3.38891D-03	4.58121D-05	2.30843D-05	-1.89028D-05
153	9.55953D-04	-4.00532D-06	-4.05522D-03	1.33895D-04	4.07813D-05	1.30462D-05
154	9.33873D-04	2.66133D-04	-4.66460D-03	1.36147D-04	4.15886D-05	1.35441D-05
155	3.89068D-03	-4.94654D-07	-2.95962D-03	5.04581D-05	-5.62451D-06	-1.55402D-04
156	3.01926D-03	6.70017D-04	-3.85824D-03	1.45784D-04	-6.24921D-05	-1.36237D-04
157	1.97446D-03	4.30714D-04	-4.93383D-03	1.57212D-04	-8.35693D-05	-1.48950D-04
158	6.28591D-03	-7.95712D-05	-6.43695D-04	1.55544D-04	-8.24932D-05	-1.65374D-04
159	4.92813D-04	1.02804D-04	-6.30715D-03	1.54600D-04	-1.02631D-04	-1.45883D-04
160	-7.80311D-04	3.45861D-07	-7.61693D-03	1.15679D-04	-1.32364D-04	-1.68282D-04
161	-6.76706D-03	9.31193D-03	-1.46189D-02	2.67811D-05	-5.30138D-05	-1.35526D-04
162	-4.53429D-03	-3.55189D-07	-9.12444D-03	2.46375D-04	1.60470D-04	3.54724D-04
163	-3.55741D-03	-8.42249D-03	-6.39545D-03	3.03470D-04	1.71965D-04	4.63605D-04
164	-2.95567D-03	-1.51893D-02	-4.51168D-03	3.31453D-04	1.73046D-04	5.04573D-04
165	-6.90323D-04	-4.99319D-02	5.81663D-03	3.57774D-04	1.36095D-04	2.71393D-04
166	5.39896D-02	-2.52840D-02	3.63803D-02	1.66643D-03	-2.92947D-03	-9.90898D-04
167	7.13124D-02	-2.50756D-02	6.48448D-02	1.75884D-03	-2.95232D-03	-1.04436D-03
168	5.59415D-02	-2.04254D-02	2.48021D-02	1.76310D-03	-2.94685D-03	-9.96055D-04
169	4.82377D-02	-1.34911D-02	-1.02527D-02	2.05366D-03	-2.12704D-03	-9.99032D-04
170	4.39558D-02	1.61504D-02	-2.68965D-02	2.65732D-03	1.01188D-03	-1.95211D-03
171	3.80339D-02	1.61538D-02	-3.71380D-02	3.43762D-03	1.01188D-03	-1.65932D-03
172	3.38278D-02	1.61566D-02	-4.70639D-02	3.87486D-03	1.01188D-03	-1.49821D-03
173	2.62251D-02	1.61579D-02	-6.71320D-02	3.92971D-03	1.01188D-03	-1.47887D-03
174	1.62674D-02	1.61582D-02	-9.37998D-02	3.95954D-03	1.01188D-03	-1.47370D-03
175	4.53899D-02	2.49066D-02	-1.95370D-02	2.72158D-03	1.44128D-03	-2.24221D-03

176	-1.05741D-02	6.74676D-02	-4.97644D-07	1.76626D-03	5.02985D-03	-6.05101D-03
177	-2.51114D-01	1.34892D-07	-2.56491D-01	-2.60747D-03	-2.47781D-03	1.39570D-03
178	-2.51108D-01	-2.99863D-02	8.03226D-07	-2.98645D-03	1.06216D-02	-5.09307D-04
179	1.42203D-01	3.23962D-08	-4.79888D-01	-3.49081D-03	-7.41093D-03	-9.40784D-04
180	1.87215D-02	2.16450D-02	-6.23145D-02	-3.61249D-03	2.81048D-03	-1.05378D-03
181	1.36202D-02	2.05738D-02	-4.45438D-02	-3.65568D-03	1.10902D-03	-9.53128D-04
182	6.64437D-02	4.78059D-03	-1.98617D-01	-3.61545D-03	4.13744D-04	-1.47898D-03
183	6.56127D-02	7.34121D-03	-1.95274D-01	-3.60888D-03	5.85136D-04	-1.50541D-03
184	7.53973D-02	1.06701D-02	-2.19675D-01	-4.17634D-03	5.00400D-04	-1.52015D-03
185	6.19420D-02	1.47748D-02	-1.81616D-01	-3.41765D-03	1.02086D-03	-1.57220D-03
186	-4.42863D-02	7.87675D-03	-6.70489D-02	-1.39404D-03	1.16742D-03	-1.86212D-03
187	-5.25076D-02	1.03514D-02	-5.91756D-02	-1.24714D-03	9.65340D-04	-1.81632D-03
188	-5.89574D-02	1.34221D-02	-5.33257D-02	-1.11144D-03	7.74834D-04	-1.77150D-03
189	-2.24258D-02	1.13439D-02	-3.22637D-02	-1.36184D-03	-2.30374D-03	-1.18749D-04
190	-6.64095D-04	-2.18540D-07	-4.25591D-08	1.51020D-04	-2.41192D-04	-5.38796D-04
191	-1.15589D-03	-5.08495D-07	-4.14732D-02	-9.90933D-05	-5.37031D-05	5.81524D-04
192	-1.17451D-03	-4.25360D-03	-4.16029D-02	-1.08999D-04	-2.59434D-05	6.21664D-04
193	-7.67110D-03	-1.20583D-02	-3.90363D-02	5.40171D-04	-1.24038D-04	6.96325D-04
194	3.28162D-03	-1.03519D-02	5.79240D-04	-2.56744D-04	-3.99187D-05	-6.35515D-05
195	1.05071D-03	-2.10816D-03	1.35679D-04	-1.19801D-04	-4.60885D-05	-3.00944D-05
196	-1.51148D-02	-1.43877D-02	-3.92580D-02	-4.68509D-03	-1.59643D-03	-1.36195D-03
197	9.33554D-03	-1.63720D-02	-1.22128D-01	-4.94299D-03	-1.61217D-03	-1.41564D-03
198	7.41304D-03	-5.71867D-02	-6.86022D-02	-5.02545D-03	-1.61626D-03	-1.45885D-03
199	8.56297D-03	-2.73980D-01	2.61748D-03	-6.00435D-03	3.77641D-03	-2.76832D-03
200	-7.32123D-03	-2.55283D-01	5.53097D-02	-5.68604D-03	2.30245D-03	-3.39526D-03
201	-1.98259D-02	-2.55309D-01	7.50003D-02	-6.16183D-03	2.38819D-03	-3.98789D-03
202	-2.82907D-02	-2.55324D-01	8.79813D-02	-6.39523D-03	2.44159D-03	-4.10255D-03
203	-4.72526D-02	-2.48412D-01	1.23811D-01	-6.84196D-03	2.34471D-03	-3.72695D-03
204	-5.16377D-02	-2.35358D-01	1.37966D-01	-6.77932D-03	1.26221D-03	-4.32324D-03
205	-5.32011D-02	-2.18879D-01	1.42926D-01	-6.84997D-03	5.87762D-04	-4.43344D-03
206	-1.52949D-02	-2.18780D-01	8.21688D-02	-5.33731D-03	7.19541D-04	-4.05145D-03
207	-5.66494D-03	-1.19046D-01	5.21807D-02	-5.00325D-03	-2.20104D-03	-3.95534D-03
208	9.93007D-02	1.46995D-07	-2.87289D-01	-4.58040D-03	-2.21349D-03	-2.09637D-03
209	-2.15309D-03	1.04609D-04	-7.16318D-04	1.90214D-05	-6.69318D-05	-4.14355D-05
210	-1.59064D-03	1.20542D-04	-4.89276D-04	1.80847D-05	-6.79086D-05	-4.04018D-05
211	-7.63397D-04	8.60001D-05	-5.14967D-05	1.80200D-05	-6.79196D-05	-3.94579D-05
212	-1.01749D-03	1.31143D-04	-2.58115D-04	1.73912D-05	-6.87369D-05	-4.03248D-05
213	1.69529D-03	2.41188D-09	8.31290D-04	9.94690D-06	-6.69510D-05	-3.56443D-05
214	-4.11963D-04	-2.72062D-09	-9.67296D-04	1.16869D-05	2.32160D-06	2.64138D-05
215	2.14720D-04	-5.91493D-05	-4.40693D-04	-1.87553D-05	4.98523D-06	-9.07127D-06
216	1.67840D-04	-1.29008D-04	-3.98642D-04	-1.60217D-05	4.43096D-06	-9.68087D-06
217	1.69240D-04	-3.53098D-04	-4.49916D-04	-1.71527D-05	1.10636D-06	-1.13888D-05
218	6.14682D-06	-5.65971D-04	-1.01723D-08	-3.87817D-06	-6.10897D-06	-1.63905D-06
219	4.52729D-05	-5.74280D-04	-2.48354D-04	6.26899D-06	-4.94201D-06	1.69411D-06
220	4.86987D-05	-5.74320D-04	-2.61019D-04	6.27090D-06	-4.93469D-06	1.70007D-06
221	5.01440D-05	-5.64040D-04	-2.35952D-04	6.27080D-06	-4.93234D-06	1.69440D-06
222	5.21323D-05	-5.74345D-04	-2.73651D-04	6.27081D-06	-4.92962D-06	1.70967D-06
223	8.22676D-05	-5.74988D-04	-3.75190D-04	6.03610D-06	-4.76787D-06	1.95374D-06
224	8.62008D-05	-5.75006D-04	-3.87321D-04	6.02164D-06	-4.76279D-06	1.95949D-06
225	8.76794D-05	-5.63367D-04	-3.63175D-04	6.02160D-06	-4.75917D-06	1.95384D-06
226	9.01364D-05	-5.75008D-04	-3.99369D-04	6.00631D-06	-4.76118D-06	1.96913D-06
227	7.04395D-05	-2.68390D-04	-2.01892D-04	-3.12795D-07	-5.30346D-06	6.65218D-06
228	1.66117D-04	-4.99420D-09	-3.24278D-04	-1.42684D-05	5.85726D-06	-7.74345D-06
229	1.27783D-04	5.56843D-05	-1.95254D-04	-1.12661D-05	6.32271D-06	-5.42164D-06
230	1.07378D-04	5.57119D-05	-1.52744D-04	-1.01540D-05	6.19354D-06	-4.88378D-06
231	5.90114D-09	8.45387D-05	-1.72188D-09	-1.42155D-06	1.20949D-05	6.19734D-06
232	-2.98028D-06	7.06766D-05	6.45437D-05	-1.03546D-06	2.62875D-06	-1.99166D-06
233	1.01596D-06	7.06421D-05	6.24441D-05	-1.05195D-06	2.60994D-06	-1.98326D-06
234	1.46795D-05	7.68834D-05	6.33765D-05	-1.05276D-06	2.61012D-06	-1.98329D-06
235	4.99288D-06	7.06055D-05	6.03033D-05	-1.06752D-06	2.59095D-06	-1.97444D-06

236	-8.85395D-12	5.61522D-05	6.43917D-11	1.66187D-06	2.71817D-06	-9.40230D-08
237	-1.00141D-07	5.61535D-05	-1.63557D-06	1.61611D-06	2.68588D-06	-1.32191D-07
238	-1.03022D-06	5.61556D-05	-1.11523D-05	1.55835D-06	2.64422D-06	-1.86355D-07
239	-1.03054D-06	5.74567D-05	5.51844D-06	1.55835D-06	2.64557D-06	-2.00447D-07
240	-2.22911D-06	5.61449D-05	-2.03327D-05	1.50159D-06	2.59921D-06	-2.22425D-07
241	-2.10612D-06	2.50699D-06	-2.37169D-06	-6.61580D-07	6.17454D-08	3.57816D-07
242	-8.12095D-07	2.99179D-06	4.75458D-08	-3.25820D-07	9.48771D-09	1.37982D-07
243	-8.13701D-07	1.65216D-06	1.43180D-07	-4.08100D-07	1.45781D-08	1.98615D-07
244	-5.36472D-07	2.17766D-06	-1.19705D-08	1.70657D-07	4.42512D-08	-7.80404D-08
245	-2.65761D-07	1.10083D-06	-8.07224D-09	1.55752D-07	3.88738D-08	-5.60915D-08
246	8.77843D-08	1.10108D-06	9.75316D-07	1.55990D-07	3.88738D-08	-5.61102D-08
247	-4.84896D-08	2.10677D-07	-4.38788D-09	1.07931D-07	2.64707D-08	-3.40961D-08
248	-4.80644D-07	-4.84747D-08	-1.43248D-09	-7.99177D-09	-4.07176D-08	-4.48481D-09
249	-2.35909D-07	-5.18660D-08	-9.80938D-10	5.71351D-10	-3.50859D-08	-3.12432D-09
250	-2.16718D-07	-5.18813D-08	2.65698D-09	5.75609D-10	-3.50859D-08	-3.06967D-09
251	-4.19641D-08	-2.25410D-08	-5.33215D-10	2.88334D-09	-2.36856D-08	-1.89917D-09
252	2.22854D-02	-1.12803D-01	-6.35878D-02	-5.71994D-03	-1.46316D-03	-1.70611D-03

M O D A L A N A L Y S I S

MODE NUMBER 30
FREQUENCY= 24.4434 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	9.14370D-02	-3.70830D-02	-2.46702D-02	-4.16505D-04	-1.39096D-03	9.75955D-04
3	9.04397D-02	-5.31028D-02	-4.64636D-02	-1.52800D-03	-1.33635D-03	2.01292D-03
4	5.28512D-02	-5.30553D-02	-7.44675D-02	-1.57953D-03	-1.40287D-03	2.12863D-03
5	2.14081D-02	-4.48640D-02	-9.24429D-02	-1.84958D-03	-1.36243D-03	2.51204D-03
6	2.38473D-02	-1.61801D-02	-7.09853D-02	-2.20077D-03	-1.51667D-03	2.21004D-03
7	6.05531D-02	2.28558D-02	-2.08896D-03	-2.28805D-03	-1.33676D-03	1.93382D-03
8	9.83540D-02	1.63092D-02	5.99725D-02	-2.29442D-03	1.83958D-04	1.52300D-03
9	9.78731D-02	-8.90199D-03	6.23625D-02	-1.46432D-03	8.94353D-05	2.01997D-03
10	9.48602D-02	2.40152D-07	5.97132D-02	-1.18888D-03	4.34026D-04	2.05237D-03
11	-1.20184D-02	3.28246D-02	1.54407D-02	-4.25432D-04	5.26444D-05	1.73352D-03
12	2.51546D-02	1.60039D-06	1.55732D-02	-3.77233D-04	-8.61947D-04	8.76169D-04
13	4.43269D-02	-6.66429D-03	-1.58963D-03	1.36410D-04	-6.54089D-04	-2.18962D-04
14	4.50452D-02	3.94423D-02	-2.67004D-02	1.00206D-03	1.94158D-04	6.80807D-04
15	-1.00813D-02	6.26477D-02	-2.65757D-02	-1.78435D-04	1.11092D-03	1.29784D-03
16	-3.70753D-02	2.32971D-02	2.41335D-03	-4.79230D-04	1.44968D-03	1.53400D-03
17	-3.70878D-02	-8.88655D-02	1.21484D-01	-6.87881D-04	7.27754D-04	6.06622D-04
18	-3.53099D-02	-8.90255D-02	1.27568D-01	-8.05732D-04	5.13827D-05	4.14352D-05
19	-3.64915D-02	-7.82703D-02	1.26315D-01	-7.83490D-04	-2.59410D-04	-2.54108D-04
20	-3.95030D-02	-6.55876D-02	1.17018D-01	-8.43019D-04	-9.12892D-04	-7.20756D-04
21	-3.92923D-02	-1.24181D-02	4.94148D-02	-7.92744D-04	-1.31828D-03	-1.06170D-03
22	-1.52490D-02	3.62809D-03	1.08502D-02	-5.03652D-04	-6.80117D-04	-5.52802D-04
23	-8.76378D-10	-8.43696D-10	1.47916D-09	-6.27705D-08	-5.55560D-08	-6.52209D-08
25	1.39625D-02	-2.06904D-02	4.24330D-03	-3.79156D-04	-2.21835D-04	4.18853D-05
26	1.55107D-02	-3.03753D-02	-6.49180D-03	-5.92266D-04	-1.01606D-04	2.29780D-04
27	1.29008D-02	-3.03666D-02	-1.30754D-02	-5.86353D-04	-9.59121D-05	2.50668D-04
28	3.88657D-03	-1.88993D-02	-2.00902D-02	-3.65922D-04	-2.38716D-04	6.47406D-04
29	3.88681D-03	-1.16338D-02	-1.74503D-02	-3.36430D-04	-2.48500D-04	6.48098D-04
30	3.66534D-03	-1.07510D-01	-4.93565D-02	1.01568D-04	4.17765D-04	-8.18356D-04
31	2.24685D-02	-3.80713D-03	1.08267D-02	-8.67875D-04	2.76281D-04	4.13957D-04
32	6.90347D-03	6.85188D-03	-4.25217D-03	3.56115D-05	1.74174D-04	1.06833D-03
33	2.67813D-03	1.56529D-02	-4.60118D-03	3.40323D-04	1.52547D-05	1.39996D-03
34	2.25004D-02	-1.17292D-01	-2.43360D-02	8.10363D-04	-3.46777D-04	2.18570D-03
35	2.74067D-02	-1.13554D-01	-2.64064D-02	1.45012D-05	-3.05919D-04	1.90471D-03
36	4.55746D-03	3.87613D-02	-6.05896D-02	-2.93702D-03	-1.39489D-03	2.28231D-03
37	-1.77199D-02	6.84102D-02	-7.38613D-02	-9.13384D-04	-1.04779D-03	4.32498D-04
38	5.28435D-02	7.07384D-02	1.40307D-02	1.76799D-03	-1.24339D-03	-8.51959D-04
39	4.60897D-02	7.94654D-02	-1.21738D-02	3.27307D-04	3.93787D-04	-6.88597D-04
40	2.85697D-02	9.38770D-02	-2.56109D-03	-7.99899D-04	8.80794D-04	-2.14687D-03
41	1.36340D-02	9.38890D-02	3.30610D-03	-8.31817D-04	8.66473D-04	-2.02070D-03
42	-3.50401D-03	8.46382D-02	1.17964D-02	-1.15541D-03	2.55374D-04	-8.06537D-04
43	-7.36883D-03	6.51324D-02	1.17977D-02	-1.20585D-03	2.08055D-04	-3.50038D-04
44	-8.15529D-03	5.04339D-02	1.17334D-02	-1.72412D-03	-1.32875D-04	7.60553D-04
45	-8.03084D-03	2.14189D-02	2.47682D-02	-1.49668D-03	1.55189D-04	-5.18877D-04
46	-8.02700D-03	2.20426D-02	2.48770D-02	-1.50800D-03	-8.13787D-05	-3.97345D-04
47	5.09052D-04	1.29356D-03	-1.46183D-03	-1.99888D-04	2.01573D-06	-9.10333D-05
48	4.72833D-04	1.22043D-03	-1.40665D-03	-1.68554D-04	1.25333D-05	-1.25496D-04
49	-3.26522D-04	2.49030D-03	-6.28766D-04	-5.20474D-05	-8.06606D-06	-9.97239D-05
50	1.24321D-04	1.23943D-03	-5.43024D-04	-4.60653D-05	-2.42425D-05	-6.71153D-05
51	2.24279D-04	7.62259D-04	-4.29960D-04	-4.66520D-05	-2.34348D-05	-6.34007D-05

52	-3.04569D-07	-1.15216D-08	-5.94797D-06	-9.08299D-07	-2.38955D-06	-1.41493D-06
53	-4.94229D-12	-9.61750D-14	-6.51325D-12	-1.15353D-10	-2.07085D-10	-1.49521D-10
54	1.20116D-03	-1.22668D-02	-1.15465D-03	1.91877D-04	-1.00775D-05	-3.36700D-04
55	1.32531D-03	-1.09686D-02	-1.08577D-03	7.50800D-05	6.14642D-06	-2.65443D-04
56	7.46588D-04	-9.76157D-03	-5.84435D-04	-7.39172D-05	8.43292D-05	-1.54937D-04
57	2.81536D-03	2.35257D-04	-7.17868D-03	-2.15772D-04	-4.62318D-05	-1.11078D-04
58	1.91069D-03	6.36791D-04	-5.26845D-03	-2.40408D-04	-9.31638D-06	-9.19099D-05
59	5.00459D-04	7.95421D-04	-1.45783D-03	-2.26286D-04	-5.28684D-06	-8.46498D-05
60	4.95229D-02	-8.92311D-03	2.88103D-02	-1.54523D-03	8.94076D-06	2.31524D-03
61	8.88280D-03	-1.18048D-02	6.37104D-03	-1.11431D-03	-4.15157D-04	2.98477D-03
62	7.27880D-02	1.80257D-04	3.19527D-02	-6.45422D-04	-8.54584D-04	1.67500D-03
63	7.49568D-02	4.64832D-03	2.89121D-02	-1.08585D-03	1.08833D-03	1.31101D-05
64	7.51170D-02	-2.15810D-02	-7.52903D-02	-2.78335D-04	1.42376D-03	-3.56843D-04
65	6.43627D-02	-1.81920D-02	-8.60684D-02	8.05836D-04	5.24031D-04	1.35413D-03
66	2.04976D-02	-1.82732D-02	-5.92013D-02	9.10794D-04	3.70359D-04	1.48364D-03
67	-6.17640D-04	-2.01394D-03	-4.79514D-02	3.36704D-04	-2.06869D-04	7.97996D-04
68	3.99352D-02	2.96318D-02	-2.23557D-02	-4.31746D-04	6.59214D-05	-2.25844D-05
69	3.70932D-02	2.45826D-02	-2.28027D-02	-8.05636D-04	5.89261D-04	-1.66705D-04
70	1.38175D-02	-9.36422D-03	-2.22713D-02	-7.96123D-04	2.91855D-04	-4.16315D-04
71	1.12762D-02	-2.04493D-02	-1.48533D-02	-9.68909D-04	-5.16102D-04	-4.20349D-04
72	8.00523D-03	-2.22413D-02	-2.08453D-03	-3.19996D-04	-3.75313D-04	-8.90617D-05
73	6.54638D-03	-2.26316D-02	-1.97319D-02	3.08553D-04	-2.65484D-04	7.15756D-06
74	6.45309D-03	-2.04121D-02	-1.82582D-02	5.67207D-05	-2.86636D-04	2.89832D-04
76	1.35008D-02	2.25086D-03	-1.13539D-02	-6.33930D-04	3.74140D-04	-2.53025D-04
77	1.32279D-02	6.57552D-03	-1.08657D-03	-5.16799D-04	3.95718D-04	-8.42052D-05
78	1.77326D-03	-9.13050D-04	5.16164D-04	-1.82813D-04	4.89643D-04	5.41063D-04
79	-3.24416D-03	-9.84814D-04	-1.43362D-03	9.39410D-05	-4.09028D-05	-2.11334D-04
80	-1.74765D-04	-4.20874D-05	-8.00956D-06	6.73857D-06	-7.60579D-06	-4.06102D-05
82	-1.02809D-03	2.29406D-03	-1.25295D-03	8.44169D-05	1.40986D-04	-7.39462D-05
83	-1.69317D-03	1.87349D-03	-2.09335D-03	-3.55518D-06	7.20121D-05	-8.65226D-05
84	-2.05773D-03	3.86227D-04	-3.12412D-03	-4.22789D-05	5.36978D-05	-6.53171D-05
85	-2.17431D-03	9.46959D-05	-3.00690D-03	-6.89544D-05	1.84342D-05	3.08215D-05
86	-4.86740D-05	8.26225D-05	2.42096D-06	-2.69273D-05	8.99508D-07	1.79459D-05
87	-4.66394D-05	1.60095D-04	2.66106D-06	-4.27205D-06	1.41477D-06	-2.19030D-06
88	-3.48966D-05	1.26095D-04	-7.62334D-07	8.84313D-06	2.67443D-06	-3.87634D-06
90	-4.56969D-05	-3.78876D-05	4.49059D-06	-1.07673D-05	-2.00981D-06	2.95530D-06
91	-3.25162D-05	-4.76144D-05	-2.69868D-07	2.66488D-06	-2.56788D-06	-8.89438D-07
93	1.36698D-02	-4.68727D-03	-3.71738D-03	-1.84599D-04	-7.45016D-04	3.29704D-04
94	6.50140D-02	-2.50043D-02	-1.75546D-02	-3.62471D-04	-1.30735D-03	7.89682D-04
95	1.59563D-02	-2.67480D-02	-8.57137D-02	-2.10732D-03	-1.49624D-03	2.23818D-03
96	1.18890D-02	1.61830D-02	-6.45597D-02	-2.78279D-03	-1.42438D-03	2.32634D-03
97	3.18715D-02	-6.84684D-03	-5.59660D-02	-2.22228D-03	-1.52875D-03	2.14591D-03
98	3.81747D-02	1.79799D-07	-4.41592D-02	-2.23490D-03	-1.52095D-03	2.10347D-03
99	8.88162D-02	-5.55414D-03	5.16681D-02	-2.10912D-03	2.25704D-05	1.57997D-03
100	9.27080D-02	-1.31972D-02	5.63799D-02	-1.90228D-03	-2.41894D-04	1.70670D-03
101	9.77921D-02	-1.22551D-02	6.20621D-02	-1.58924D-03	-6.44075D-05	1.92720D-03
102	9.65817D-02	-3.92940D-03	6.12914D-02	-1.29731D-03	2.89736D-04	2.03845D-03
103	7.64693D-02	-8.91243D-03	4.71678D-02	-1.51260D-03	5.23895D-05	2.17222D-03
104	-1.17120D-02	2.91382D-02	1.54994D-02	-4.61349D-04	-2.80009D-04	1.69120D-03
105	-3.89349D-03	1.92322D-02	1.55364D-02	-4.82742D-04	-5.12157D-04	1.66710D-03
106	-5.25739D-02	2.34273D-02	4.08420D-03	-4.71751D-04	-5.13081D-04	1.81386D-03
107	9.93790D-03	8.45502D-03	1.55553D-02	-4.82815D-04	-7.16711D-04	1.34448D-03
108	4.44083D-02	-4.25177D-03	-6.58635D-03	1.76476D-04	-6.02461D-04	-3.33693D-04
109	4.53018D-02	-4.03614D-03	-6.53082D-03	2.05042D-05	2.63975D-04	2.93678D-04
110	4.39578D-02	-4.06247D-03	-6.50693D-03	5.29369D-05	5.73418D-04	5.62551D-04
111	4.00929D-02	-3.65166D-03	-6.46898D-03	2.25761D-04	9.83560D-04	9.88267D-04
112	3.34749D-02	-1.84802D-03	-6.43901D-03	4.45491D-04	1.17462D-03	1.26254D-03
113	-1.10553D-02	-2.40797D-03	3.12401D-02	1.71765D-03	1.27884D-03	1.72077D-03
114	2.61070D-02	-5.12029D-05	-6.43965D-03	2.17841D-04	1.25871D-03	1.27300D-03
115	2.27018D-02	2.47655D-04	-6.44006D-03	9.11032D-05	1.30660D-03	1.28196D-03

116	1.81725D-02	2.38819D-04	-6.44053D-03	-1.05476D-05	1.34584D-03	1.29349D-03
117	1.35464D-02	8.26327D-08	-6.44072D-03	-4.50786D-05	1.35990D-03	1.29349D-03
118	2.19227D-02	2.38871D-04	-6.48750D-03	4.11330D-05	1.27163D-03	1.53914D-03
119	3.17903D-03	-3.43846D-04	-6.44090D-03	-4.51091D-05	1.35962D-03	1.29349D-03
120	3.11759D-02	2.38973D-04	-6.91549D-03	1.06473D-04	1.11965D-03	1.84759D-03
121	3.56591D-02	5.19196D-04	-7.34659D-03	1.10200D-04	1.10840D-03	1.86488D-03
122	4.45102D-02	2.29964D-07	-1.23205D-02	2.29225D-04	-5.45838D-04	-4.57772D-04
123	4.46931D-02	1.09795D-02	-2.17219D-02	3.29447D-04	-4.28662D-04	-6.07216D-04
124	4.50928D-02	4.11149D-02	-3.42357D-02	5.82642D-04	-7.79108D-05	-4.57173D-04
125	4.51647D-02	4.53782D-02	-3.46038D-02	6.35391D-04	2.91659D-07	-3.34657D-04
126	4.52764D-02	5.08312D-02	-3.35684D-02	7.00801D-04	9.23073D-05	-1.32454D-04
127	5.25869D-02	5.26199D-02	-1.56913D-02	6.70488D-04	8.04054D-05	-2.73954D-04
128	4.51672D-02	4.84885D-02	-3.03265D-02	8.27865D-04	1.68263D-04	2.69419D-04
129	4.51254D-02	4.61137D-02	-2.91084D-02	8.89347D-04	1.85696D-04	4.29352D-04
130	4.58506D-02	2.62783D-02	-2.66496D-02	1.30651D-03	2.83672D-05	8.82796D-04
131	4.18690D-02	4.90448D-02	-2.66907D-02	7.68203D-04	3.69571D-04	7.70115D-04
132	-3.70962D-02	6.11506D-07	2.45122D-02	-5.12774D-04	1.46212D-03	1.48782D-03
133	-3.94539D-02	-5.28725D-02	1.00823D-01	-8.28852D-04	-1.13545D-03	-8.90822D-04
134	4.40798D-02	-1.48454D-06	-2.65656D-02	1.68583D-03	-1.44131D-04	1.19496D-03
135	4.09849D-02	-2.82986D-02	-2.64859D-02	1.87179D-03	-2.34394D-04	1.47040D-03
136	3.52940D-02	-6.90281D-02	-2.63959D-02	1.83063D-03	-2.75495D-04	1.69810D-03
137	-1.17609D-02	-7.52267D-02	2.42733D-02	1.90798D-03	-2.73492D-04	1.74179D-03
138	2.92468D-02	-1.04502D-01	-2.64042D-02	1.56890D-03	-2.96968D-04	1.83695D-03
139	1.19306D-02	-6.37508D-02	-1.38012D-02	2.67501D-04	-3.26048D-04	2.23306D-03
140	3.31651D-03	-3.61037D-06	-5.22326D-03	2.65653D-04	-1.21172D-04	1.67267D-03
141	2.57846D-03	9.75586D-03	-4.49349D-03	3.21073D-04	-3.67160D-05	1.47817D-03
142	2.34618D-03	6.81673D-03	-3.82698D-03	-8.03175D-04	-6.33754D-07	-1.90172D-04
143	2.13536D-03	3.56732D-03	-3.65259D-03	-5.53458D-04	5.18086D-05	-1.73593D-04
144	1.50696D-03	2.22244D-03	-3.67085D-03	7.40084D-04	1.80342D-04	7.50732D-04
145	2.95225D-04	1.27832D-02	-4.40183D-03	2.37623D-03	3.03861D-04	2.14900D-03
146	-2.40106D-01	2.32217D-02	2.48957D-01	1.25743D-02	7.51339D-04	1.19427D-02
147	-8.79529D-04	2.11649D-02	-5.57599D-03	3.86210D-04	2.61592D-04	1.54806D-04
148	-1.32948D-03	1.87928D-02	-6.02530D-03	-7.27355D-04	2.37914D-04	-9.62334D-04
149	-1.85574D-03	1.08329D-02	-6.55069D-03	-1.62798D-03	2.18851D-04	-1.86755D-03
150	-2.34991D-03	1.01217D-06	-7.04501D-03	-1.92816D-03	2.12602D-04	-2.16773D-03
151	-7.03241D-03	1.08334D-02	-2.14437D-03	-1.72010D-03	2.39827D-04	-2.05760D-03
152	-3.49966D-03	-2.20971D-02	-8.19489D-03	-1.92954D-03	2.13335D-04	-2.16912D-03
153	-1.88486D-02	1.08341D-02	7.46680D-03	-1.83416D-03	2.82778D-04	-2.29471D-03
154	-2.84417D-02	3.32589D-03	1.41908D-02	-1.84030D-03	2.85959D-04	-2.30776D-03
155	8.04218D-03	1.51292D-06	-3.17065D-03	-8.15542D-05	1.81345D-04	9.90612D-04
156	1.37761D-02	-1.21936D-02	2.28183D-03	-6.16900D-04	2.33617D-04	6.26207D-04
157	1.73657D-02	-1.05183D-02	5.83551D-03	-7.71350D-04	2.58987D-04	5.26491D-04
158	4.03748D-03	-8.45094D-03	-1.64126D-02	-8.14161D-04	2.62260D-04	5.14275D-04
159	2.15323D-02	-5.31611D-03	9.89532D-03	-8.31033D-04	2.73827D-04	4.58358D-04
160	2.43893D-02	-2.55657D-07	1.27514D-02	-9.24265D-04	2.70087D-04	3.42301D-04
161	3.10563D-02	2.94739D-02	2.01508D-02	-8.76560D-04	-9.68374D-05	3.52895D-04
162	1.70547D-02	-7.06629D-07	-8.11049D-03	-2.05584D-04	-5.74807D-04	1.19559D-03
163	1.35475D-02	-2.00076D-02	-1.73657D-02	-5.80421D-05	-6.11073D-04	1.35968D-03
164	1.11810D-02	-3.56402D-02	-2.43096D-02	1.91896D-05	-6.16299D-04	1.39938D-03
165	3.61130D-03	-1.12328D-01	-5.55302D-02	1.71731D-04	-2.39649D-04	6.56325D-04
166	4.68608D-02	7.07094D-02	1.67845D-03	1.75753D-03	-1.24127D-03	-8.61245D-04
167	6.17049D-02	7.09770D-02	3.14069D-02	1.78267D-03	-1.24261D-03	-8.82491D-04
168	5.07214D-02	7.42169D-02	4.21124D-03	1.74716D-03	-1.23417D-03	-7.96551D-04
169	4.74536D-02	7.68568D-02	-1.00863D-02	1.52555D-03	-8.39520D-04	-3.91244D-04
170	4.54225D-02	7.49290D-02	-1.64465D-02	6.84491D-04	2.62679D-04	-3.39131D-04
171	4.53821D-02	7.49457D-02	-1.93463D-02	1.02701D-03	2.62679D-04	2.46096D-04
172	4.65553D-02	7.49587D-02	-2.24074D-02	1.21850D-03	2.62679D-04	5.71705D-04
173	4.96400D-02	7.49651D-02	-2.87437D-02	1.24239D-03	2.62679D-04	6.11869D-04
174	5.38543D-02	7.49664D-02	-3.71879D-02	1.25458D-03	2.62679D-04	6.29518D-04
175	4.57158D-02	7.63615D-02	-1.45029D-02	5.07779D-04	3.43143D-04	-5.04935D-04

176	2.18871D-02	9.38827D-02	-1.26238D-07	-8.18046D-04	8.74656D-04	-2.10279D-03
177	-8.15307D-03	5.70190D-08	1.85691D-03	-1.66256D-03	-1.88228D-04	7.96817D-04
178	-8.11229D-03	-1.62567D-02	3.64799D-08	-1.57855D-03	2.51050D-04	-2.98451D-04
179	4.04716D-03	1.43401D-08	-1.40173D-02	-1.13754D-03	-2.45911D-04	-2.11633D-04
180	4.36512D-04	5.06909D-03	-1.48507D-03	-6.26820D-04	1.30322D-04	-2.22779D-04
181	1.38181D-04	5.21919D-03	-4.51988D-04	-5.98509D-04	8.81208D-05	-1.83416D-04
182	4.56951D-04	6.57632D-04	-1.32787D-03	-2.39059D-04	-1.11470D-05	-7.85162D-05
183	4.79959D-04	7.01567D-04	-1.39754D-03	-2.33397D-04	-8.70586D-06	-8.09392D-05
184	1.14494D-03	7.90426D-04	-3.21954D-03	-2.36187D-04	-7.16116D-06	-8.77723D-05
185	5.09689D-04	9.52830D-04	-1.47866D-03	-2.15879D-04	-1.75709D-06	-8.76459D-05
186	-3.22527D-04	1.20254D-04	-6.58946D-04	-9.71591D-05	9.24445D-06	-1.27167D-04
187	-3.83540D-04	2.75217D-04	-5.98597D-04	-8.89090D-05	6.94213D-06	-1.26301D-04
188	-4.26219D-04	4.73084D-04	-5.58580D-04	-8.13917D-05	4.84866D-06	-1.25293D-04
189	1.74607D-04	1.00115D-03	-4.86785D-04	-4.63531D-05	-2.39224D-05	-6.52665D-05
190	3.77520D-03	-6.70245D-07	-3.49071D-07	-3.69425D-05	4.26749D-04	-1.05313D-03
191	3.88376D-03	-1.14744D-07	-1.29294D-02	-3.07573D-04	-2.69475D-04	6.27097D-04
192	3.88509D-03	-4.27443D-03	-1.46555D-02	-3.18291D-04	-2.61526D-04	6.41595D-04
193	-1.56885D-03	-1.16913D-02	-2.00846D-02	-2.17643D-04	-2.29587D-04	5.20826D-04
194	1.02876D-02	-1.48758D-02	2.98577D-03	-3.43587D-04	-2.15756D-04	2.24604D-05
195	2.56495D-03	-3.51015D-03	7.14379D-04	-1.93371D-04	-1.36277D-04	-3.37894D-06
196	-1.15216D-03	-1.22590D-02	-2.53413D-03	1.99227D-04	-1.24660D-05	-3.34020D-04
197	4.60419D-03	-1.22440D-02	7.67797D-04	1.92032D-04	-1.01600D-05	-3.38950D-04
198	1.26765D-03	-1.16097D-02	-1.13210D-03	1.82565D-04	-8.29578D-06	-3.34157D-04
199	5.21969D-04	-8.70917D-03	1.59581D-04	-8.40528D-05	7.47050D-05	-1.42440D-04
200	2.28747D-04	-6.89974D-03	1.13750D-03	-1.00826D-04	3.89142D-05	-1.28896D-04
201	-2.07262D-04	-6.90043D-03	1.49728D-03	-1.15114D-04	4.17885D-05	-1.32046D-04
202	-4.79700D-04	-6.90083D-03	1.74281D-03	-1.22046D-04	4.35789D-05	-1.30449D-04
203	-1.03570D-03	-6.58940D-03	2.42787D-03	-1.34778D-04	4.30809D-05	-1.19075D-04
204	-1.11446D-03	-5.97014D-03	2.68312D-03	-1.33904D-04	2.10427D-05	-1.39745D-04
205	-1.13535D-03	-5.26679D-03	2.74978D-03	-1.36319D-04	5.58973D-06	-1.47369D-04
206	1.21182D-04	-5.26423D-03	1.50837D-03	-1.15086D-04	3.61616D-06	-1.23370D-04
207	4.44783D-04	-2.51831D-03	4.86624D-04	-1.47625D-04	-5.40927D-05	-9.89971D-05
208	2.74230D-03	1.24683D-08	-6.94334D-03	-2.13761D-04	-5.17016D-05	-1.06519D-04
209	1.74085D-02	-9.42572D-03	9.79868D-03	-1.06007D-03	-6.78475D-04	3.08523D-03
210	2.31536D-02	-7.83188D-03	1.21162D-02	-1.05409D-03	-7.17574D-04	3.09555D-03
211	-4.48808D-02	-5.18453D-03	-1.03035D-02	-1.06708D-03	-7.17918D-04	3.15232D-03
212	2.94099D-02	-6.16791D-03	1.46337D-02	-1.03269D-03	-7.54914D-04	3.04466D-03
213	6.60019D-02	-2.01617D-07	2.92443D-02	-6.98208D-04	-9.31162D-04	1.89808D-03
214	-8.35838D-05	7.79401D-08	-4.76170D-02	3.25583D-04	-2.23676D-04	7.84783D-04
215	1.79382D-02	-1.45405D-03	-2.24013D-02	-8.32678D-04	4.63627D-04	-3.57004D-04
216	1.37204D-02	-5.14942D-03	-1.91669D-02	-7.45437D-04	3.22240D-04	-3.84842D-04
217	1.38329D-02	-1.40404D-02	-2.39379D-02	-8.09673D-04	1.64691D-04	-4.49698D-04
218	7.54844D-03	-2.22732D-02	-5.95503D-07	-2.50674D-04	-3.68904D-04	-7.42461D-05
219	6.43616D-03	-2.26039D-02	-1.06526D-02	3.19538D-04	-2.83452D-04	4.59772D-06
220	6.44603D-03	-2.26055D-02	-1.12988D-02	3.19920D-04	-2.82916D-04	4.42059D-06
221	6.50517D-03	-2.25255D-02	-9.84990D-03	3.19916D-04	-2.82816D-04	4.18953D-06
222	6.45473D-03	-2.26064D-02	-1.19441D-02	3.20190D-04	-2.82475D-04	4.40629D-06
223	6.51658D-03	-2.26310D-02	-1.72083D-02	3.15226D-04	-2.68429D-04	4.73286D-06
224	6.52560D-03	-2.26316D-02	-1.78425D-02	3.14653D-04	-2.67989D-04	4.77119D-06
225	6.58168D-03	-2.25509D-02	-1.64762D-02	3.14652D-04	-2.67820D-04	4.53991D-06
226	6.53389D-03	-2.26317D-02	-1.84731D-02	3.14020D-04	-2.67710D-04	4.99845D-06
227	3.35576D-03	-1.12641D-02	-9.46453D-03	5.87246D-06	-2.51188D-04	2.79688D-04
228	1.35822D-02	-1.58127D-07	-1.43525D-02	-6.74792D-04	3.57921D-04	-3.08278D-04
229	1.20260D-02	2.26152D-03	-7.64899D-03	-5.37214D-04	3.62031D-04	-2.19284D-04
230	1.11938D-02	2.26314D-03	-5.62413D-03	-4.82406D-04	3.54433D-04	-2.04472D-04
231	4.69987D-07	-9.14315D-04	-5.61792D-08	-1.76947D-04	4.83539D-04	5.25405D-04
232	-5.10557D-03	-9.84530D-04	-2.24568D-03	9.32530D-05	-3.02003D-05	-2.14834D-04
233	-4.67258D-03	-9.84596D-04	-2.05777D-03	9.33920D-05	-3.12212D-05	-2.14691D-04
234	-4.90009D-03	-1.43870D-03	-2.09013D-03	9.34080D-05	-3.12732D-05	-2.14693D-04
235	-4.23922D-03	-9.84620D-04	-1.86930D-03	9.34919D-05	-3.21925D-05	-2.14473D-04

236	-3.16445D-10	2.29415D-03	3.39997D-09	9.49606D-05	1.49994D-04	-7.22977D-05
237	-7.24024D-05	2.29433D-03	-9.34773D-05	9.25455D-05	1.48094D-04	-7.29728D-05
238	-5.12657D-04	2.29461D-03	-6.39175D-04	8.95330D-05	1.45644D-04	-7.39323D-05
239	-5.12778D-04	2.76664D-03	2.79010D-04	8.95330D-05	1.45713D-04	-7.46258D-05
240	-9.54800D-04	2.29426D-03	-1.16752D-03	8.66367D-05	1.43020D-04	-7.38410D-05
241	-1.48633D-04	8.36671D-05	-1.33652D-04	-3.70963D-05	2.40640D-06	2.78956D-05
242	-4.81767D-05	1.34397D-04	3.00348D-06	-1.85374D-05	2.58006D-07	1.29139D-05
243	-4.82390D-05	2.05937D-05	6.73299D-06	-2.12828D-05	6.80311D-07	1.49365D-05
244	-3.16206D-05	1.14581D-04	-6.38470D-07	8.99167D-06	2.61230D-06	-3.18135D-06
245	-1.56608D-05	5.78946D-05	-4.30461D-07	8.19835D-06	2.29218D-06	-2.28466D-06
246	-1.27027D-06	5.79083D-05	5.13352D-05	8.21122D-06	2.29218D-06	-2.28434D-06
247	-2.85474D-06	1.10667D-05	-2.33989D-07	5.67861D-06	1.56033D-06	-1.38877D-06
248	-2.94413D-05	-4.35043D-05	-2.25963D-07	3.02831D-06	-2.47467D-06	-7.26857D-07
249	-1.44933D-05	-2.28761D-05	-1.52232D-07	3.01798D-06	-2.14441D-06	-5.17095D-07
250	-1.12610D-05	-2.28815D-05	1.89038D-05	3.02272D-06	-2.14441D-06	-5.14272D-07
251	-2.59883D-06	-4.78571D-06	-8.27496D-08	2.17175D-06	-1.45153D-06	-3.14325D-07
252	1.29305D-03	-1.11149D-02	-1.11401D-03	1.32465D-04	-3.91496D-06	-3.12474D-04

M O D A L A N A L Y S I S

MODE NUMBER 31
FREQUENCY= 24.7306 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
2	-3.72666D-02	2.56173D-02	1.00697D-02	2.84878D-04	5.55774D-04	-4.48444D-04
3	-3.56344D-02	3.28429D-02	1.84284D-02	5.02859D-04	4.64297D-04	-8.64321D-04
4	-1.95388D-02	3.28234D-02	2.75258D-02	5.04320D-04	4.81523D-04	-9.10378D-04
5	-5.81965D-03	2.85609D-02	3.22801D-02	4.90299D-04	4.85779D-04	-1.07814D-03
6	-5.61889D-03	1.12428D-02	2.32280D-02	5.60791D-04	5.51698D-04	-9.78806D-04
7	-1.87983D-02	-1.46555D-02	-1.47387D-03	6.80880D-04	4.72977D-04	-7.88746D-04
8	-3.16048D-02	-1.23678D-02	-2.25877D-02	8.60608D-04	-7.81049D-05	-4.33845D-04
9	-3.00974D-02	4.75025D-03	-2.19770D-02	4.13826D-04	-2.36956D-05	-7.35900D-04
10	-2.91938D-02	-1.59234D-07	-2.11084D-02	3.02043D-04	-1.33174D-04	-7.42318D-04
11	9.46728D-04	-1.97118D-02	-7.98567D-03	2.15509D-04	-3.50483D-05	-4.18544D-04
12	-6.19098D-03	-8.88537D-07	-7.95183D-03	2.51728D-04	1.85968D-04	-1.52813D-04
13	-1.06764D-02	2.50386D-03	-3.66295D-03	5.59916D-05	1.69251D-04	1.10671D-04
14	-1.07953D-02	-7.36351D-03	4.87994D-03	-1.91409D-04	-4.53490D-06	-1.55321D-04
15	1.45048D-03	-1.24747D-02	4.82110D-03	2.61223D-05	-2.88387D-04	-2.63521D-04
16	8.95080D-03	-4.69393D-03	-3.57598D-03	1.00394D-04	-4.38025D-04	-3.09368D-04
17	8.94733D-03	1.84456D-02	-4.11153D-02	1.83696D-04	-2.31626D-04	-1.29824D-04
18	8.41544D-03	1.82580D-02	-4.29970D-02	2.16078D-04	-7.82219D-06	-1.19642D-05
19	8.91769D-03	1.54641D-02	-4.24738D-02	2.18098D-04	9.48495D-05	4.82958D-05
20	9.97017D-03	1.25215D-02	-3.92756D-02	2.39224D-04	3.09075D-04	1.47172D-04
21	9.91355D-03	1.53323D-03	-1.66322D-02	2.54613D-04	4.38394D-04	2.23110D-04
22	3.88000D-03	-1.30222D-03	-3.79467D-03	1.72793D-04	2.28657D-04	1.19029D-04
23	2.32582D-10	1.58235D-10	-4.98809D-10	2.21783D-08	1.78786D-08	1.52914D-08
25	4.21111D-02	-8.97404D-02	1.29636D-02	-1.38752D-03	-6.16104D-04	-9.46483D-05
26	4.16555D-02	-1.15476D-01	-9.05817D-03	-7.93355D-04	4.68624D-05	8.74974D-04
27	3.17407D-02	-1.15465D-01	-1.76327D-02	-7.30098D-04	1.01372D-04	9.47373D-04
28	-1.52541D-03	-7.29135D-02	-2.24161D-02	2.13763D-04	-6.33464D-05	2.47647D-03
29	-1.51637D-03	-4.51346D-02	-2.18971D-02	3.40904D-04	-5.27347D-05	2.49792D-03
30	-1.16633D-03	-4.33000D-01	7.58768D-03	2.61870D-03	-2.34142D-05	-3.35235D-03
31	-9.86602D-04	-3.95690D-03	-2.08310D-03	-1.57639D-04	-7.46720D-05	-2.80344D-04
32	2.16850D-03	2.30781D-04	1.03228D-03	4.02176D-05	-2.19028D-05	-1.43169D-05
33	2.37956D-03	-1.07561D-03	1.15263D-03	-6.65368D-05	1.03256D-05	-1.22441D-04
34	-8.60308D-04	1.89413D-02	4.36425D-03	-1.22657D-04	7.44839D-05	-3.96001D-04
35	-2.16552D-03	1.87712D-02	4.86806D-03	-2.29616D-04	9.97499D-05	-3.66538D-04
36	1.80584D-03	-4.35377D-03	1.92321D-02	6.77052D-04	5.60266D-04	-8.54439D-04
37	1.08240D-02	-1.18595D-02	2.07331D-02	1.97379D-04	5.01339D-04	-1.81355D-04
38	-2.03975D-02	-1.21605D-02	-1.40607D-02	-8.10974D-04	8.99195D-04	4.68600D-04
39	-1.61893D-02	-2.63167D-02	3.66547D-03	-5.03778D-04	-4.01308D-04	5.25012D-04
40	-7.69771D-03	-3.35044D-02	-3.39466D-04	-1.31123D-04	-8.58927D-04	1.15346D-03
41	4.49173D-04	-3.35066D-02	6.32175D-04	-1.47332D-04	-9.04647D-04	1.11625D-03
42	1.57540D-02	-3.42123D-02	1.88381D-03	3.19933D-05	-7.32773D-04	5.76336D-04
43	2.74929D-02	-3.32274D-02	1.92953D-03	7.60185D-05	-6.36615D-04	2.77847D-04
44	2.96381D-02	-3.03594D-02	2.73151D-03	4.29772D-04	4.82229D-04	-4.51209D-04
45	2.95107D-02	-1.27995D-02	-9.28247D-02	3.37789D-04	-3.93700D-04	2.41887D-04
46	2.94194D-02	-1.31796D-02	-9.26946D-02	3.48031D-04	5.17721D-04	1.45203D-04
47	-2.61652D-02	1.46957D-02	7.53990D-02	-4.28175D-04	-6.29152D-04	-4.25935D-04
48	-2.30191D-02	1.54029D-02	7.03752D-02	-4.76851D-04	-7.86418D-04	-3.56312D-04
49	3.25395D-02	5.82077D-03	1.86840D-02	-2.45097D-04	1.69397D-04	-5.21109D-04
50	1.62556D-02	5.33983D-03	1.49189D-02	2.38986D-04	1.01550D-03	-6.28986D-04
51	1.20800D-02	3.45905D-03	1.02064D-02	2.65335D-04	9.98637D-04	-6.46505D-04

52	1.72333D-04	2.27691D-06	1.39693D-04	1.17179D-05	6.99782D-05	-2.35406D-05
53	1.97466D-10	1.90062D-11	1.83289D-10	1.68666D-09	6.06450D-09	-3.04693D-09
54	3.10410D-03	-4.86096D-02	2.52780D-02	-1.52392D-03	2.98904D-04	-1.92509D-03
55	-3.23062D-03	-1.38157D-01	2.33413D-02	-2.50174D-03	-5.47918D-05	-1.76895D-03
56	4.43155D-03	-1.58836D-01	1.63482D-02	-2.70715D-03	-1.52191D-03	-1.56865D-03
57	-1.21123D-02	2.70074D-03	6.95251D-02	-1.19889D-03	1.39861D-03	-9.06593D-04
58	-2.11189D-02	7.93570D-03	8.16865D-02	-4.00736D-04	-1.01941D-05	-5.88430D-04
59	-2.96424D-02	8.25601D-03	8.77497D-02	-4.08188D-04	-4.66364D-04	-4.36361D-04
60	-1.03401D-02	4.77705D-03	-1.41485D-02	3.52437D-04	5.98986D-05	-9.87811D-04
61	7.58125D-03	2.65559D-03	-9.33716D-03	4.37945D-04	3.54252D-04	-1.34896D-03
62	-3.85310D-02	7.74044D-04	-2.79656D-02	3.87958D-04	5.78350D-04	-7.14217D-04
63	-3.99293D-02	-1.88671D-04	-2.57784D-02	5.39191D-04	-7.54898D-04	1.27733D-05
64	-4.00461D-02	1.29368D-02	4.64189D-02	8.83443D-05	-9.85396D-04	1.72074D-04
65	-3.49392D-02	1.13249D-02	5.32111D-02	-5.67458D-04	-3.94761D-04	-6.47203D-04
66	-1.39137D-02	1.13544D-02	3.46179D-02	-6.29504D-04	-2.75599D-04	-7.15244D-04
67	-3.05478D-03	1.29595D-03	2.67474D-02	-3.08759D-04	9.30556D-05	-3.45872D-04
68	-2.44647D-02	-1.90529D-02	1.31337D-02	2.56491D-04	-5.24806D-05	3.04859D-05
69	-2.26787D-02	-1.59438D-02	1.34273D-02	4.98227D-04	-3.62140D-04	1.14162D-04
70	-8.40680D-03	5.18731D-03	1.31183D-02	4.94519D-04	-1.82646D-04	2.34203D-04
71	-6.97635D-03	1.14384D-02	8.89176D-03	5.90210D-04	2.91067D-04	2.36604D-04
72	-5.14127D-03	1.24461D-02	1.27165D-03	1.96270D-04	2.05356D-04	5.02012D-05
73	-3.94289D-03	1.26705D-02	1.13358D-02	-1.82284D-04	1.47244D-04	3.01221D-06
74	-3.75913D-03	1.15328D-02	1.06147D-02	-3.38286D-05	1.65307D-04	-1.62539D-04
76	-8.21581D-03	-1.24548D-03	6.41425D-03	3.97007D-04	-2.27195D-04	1.38573D-04
77	-8.05098D-03	-3.55644D-03	2.23619D-04	3.26961D-04	-2.37763D-04	4.06422D-05
78	-1.07861D-03	1.04866D-03	-3.57065D-04	1.25246D-04	-2.89398D-04	-3.29270D-04
79	2.11933D-03	1.03958D-03	1.30020D-03	-7.40794D-05	3.17061D-05	1.30656D-04
80	1.16734D-04	8.25049D-05	6.52983D-06	-9.09738D-06	5.61108D-06	2.51163D-05
82	6.81788D-04	-1.26690D-03	9.00133D-04	-6.09740D-05	-8.15498D-05	4.86857D-05
83	1.08411D-03	-1.02830D-03	1.43240D-03	-5.21737D-06	-3.83991D-05	5.06131D-05
84	1.27494D-03	-2.08210D-04	1.97222D-03	2.11677D-05	-2.78580D-05	3.65068D-05
85	1.32702D-03	-5.14374D-05	1.88970D-03	4.15612D-05	-6.75146D-06	-1.95143D-05
86	2.82118D-05	-4.48823D-05	-2.48716D-07	1.74193D-05	-3.29009D-07	-1.06966D-05
87	2.71615D-05	-9.27815D-05	-1.52069D-06	3.37269D-06	-7.72484D-07	1.32056D-06
88	2.03863D-05	-7.43986D-05	4.35374D-07	-5.14305D-06	-1.55952D-06	2.41753D-06
90	2.68179D-05	2.63901D-05	-2.18643D-06	6.90124D-06	9.89545D-07	-1.47456D-06
91	1.95209D-05	3.17601D-05	2.57871D-07	-1.78653D-06	1.52036D-06	7.94837D-07
93	-5.65930D-03	3.71780D-03	1.54351D-03	1.60870D-04	3.06629D-04	-1.63751D-04
94	-2.66357D-02	1.80330D-02	7.20366D-03	2.72555D-04	5.28436D-04	-3.71183D-04
95	-2.74962D-03	1.81016D-02	2.85813D-02	5.38083D-04	5.45405D-04	-9.97323D-04
96	-1.10289D-03	1.79756D-03	2.08052D-02	6.49988D-04	5.52563D-04	-9.12829D-04
97	-8.52978D-03	4.77646D-03	1.77857D-02	5.79743D-04	5.52627D-04	-9.50535D-04
98	-1.08043D-02	6.29644D-08	1.35306D-02	5.98086D-04	5.47274D-04	-9.21931D-04
99	-2.77526D-02	6.46789D-04	-1.91100D-02	7.92342D-04	-3.03726D-05	-4.46359D-04
100	-2.86365D-02	6.22830D-03	-2.02395D-02	6.81594D-04	6.30572D-05	-5.22304D-04
101	-3.00643D-02	6.58146D-03	-2.18706D-02	4.93220D-04	1.96481D-05	-6.70476D-04
102	-2.97197D-02	2.02741D-03	-2.16203D-02	3.46550D-04	-8.82964D-05	-7.38783D-04
103	-2.17093D-02	4.76298D-03	-1.82110D-02	3.70713D-04	1.47767D-05	-8.71527D-04
104	1.04603D-03	-1.77258D-02	-7.97738D-03	2.63136D-04	4.29928D-05	-3.81041D-04
105	-3.12803D-04	-1.19134D-02	-7.97139D-03	2.90941D-04	9.62446D-05	-3.59683D-04
106	1.01677D-02	-1.28599D-02	-4.39305D-04	2.89729D-04	9.63465D-05	-3.90670D-04
107	-3.02182D-03	-5.35938D-03	-7.96284D-03	2.99142D-04	1.44724D-04	-2.75301D-04
108	-1.06926D-02	1.44055D-03	-2.32843D-03	3.95819D-05	1.55066D-04	1.27798D-04
109	-1.10219D-02	4.63615D-04	-2.24511D-03	-1.42597D-04	-3.03611D-05	-6.10198D-05
110	-1.08138D-02	-6.54418D-05	-2.20937D-03	-9.14153D-05	-8.71583D-05	-1.41942D-04
111	-1.01945D-02	-2.58603D-04	-2.15275D-03	1.48255D-04	-1.48299D-04	-2.70068D-04
112	-9.21392D-03	1.24445D-03	-2.10811D-03	4.44424D-04	-1.61487D-04	-3.52616D-04
113	2.98255D-03	4.69478D-03	4.45568D-02	2.32143D-03	-5.46912D-05	-4.89511D-04
114	-8.10360D-03	2.50074D-03	-2.10821D-03	7.72308D-05	-1.98501D-04	-3.56347D-04
115	-7.53804D-03	2.26336D-03	-2.10826D-03	-1.28213D-04	-2.19430D-04	-3.59548D-04

116	-6.74520D-03	1.31876D-03	-2.10832D-03	-2.94333D-04	-2.36448D-04	-3.63663D-04
117	-5.91128D-03	1.32098D-07	-2.10838D-03	-3.49744D-04	-2.42314D-04	-3.63663D-04
118	-7.82647D-03	1.31882D-03	-1.32120D-03	-3.04393D-04	-2.09940D-04	-4.51344D-04
119	-4.06611D-03	-2.66828D-03	-2.10844D-03	-3.49986D-04	-2.41945D-04	-3.63663D-04
120	-1.06024D-02	1.31894D-03	3.54613D-04	-3.16667D-04	-1.55662D-04	-5.61452D-04
121	-1.24418D-02	5.06420D-04	1.60338D-03	-3.17299D-04	-1.51642D-04	-5.67630D-04
122	-1.07134D-02	9.81786D-08	-8.68845D-04	2.23658D-05	1.37112D-04	1.40747D-04
123	-1.07502D-02	-2.87421D-03	1.40867D-03	-1.03449D-05	1.04125D-04	1.47144D-04
124	-1.08278D-02	-9.04266D-03	4.57173D-03	-9.29824D-05	3.22208D-05	7.99531D-05
125	-1.08412D-02	-9.74532D-03	4.81649D-03	-1.10199D-04	1.97680D-05	5.18551D-05
126	-1.08617D-02	-1.04705D-02	5.06660D-03	-1.31547D-04	7.15223D-06	9.95446D-06
127	-1.20787D-02	-1.08208D-02	1.60615D-03	-1.29630D-04	9.95060D-06	4.32240D-05
128	-1.08302D-02	-9.56157D-03	5.03046D-03	-1.56795D-04	-2.99321D-06	-7.46386D-05
129	-1.08182D-02	-8.94692D-03	4.98222D-03	-1.69012D-04	-4.85286D-06	-1.06816D-04
130	-1.04601D-02	-4.83864D-03	4.87717D-03	-2.43383D-04	4.21433D-05	-1.93802D-04
131	-1.04618D-02	-9.23145D-03	4.87297D-03	-1.50919D-04	-5.41289D-05	-1.70982D-04
132	8.95492D-03	-8.30192D-08	-1.03279D-02	1.13786D-04	-4.50881D-04	-3.01922D-04
133	9.95686D-03	9.91917D-03	-3.38170D-02	2.43561D-04	3.81719D-04	1.83062D-04
134	-9.10939D-03	9.81704D-08	4.87186D-03	-2.97846D-04	8.88992D-05	-2.53273D-04
135	-7.50829D-03	4.86410D-03	4.86613D-03	-3.15885D-04	1.09118D-04	-3.05748D-04
136	-5.05180D-03	1.16230D-02	4.85921D-03	-2.99320D-04	1.11273D-04	-3.49127D-04
137	4.89538D-03	1.27650D-02	-3.27625D-03	-3.10435D-04	1.11538D-04	-3.64703D-04
138	-2.78462D-03	1.73387D-02	4.86577D-03	-2.50849D-04	1.03775D-04	-3.60827D-04
139	9.66123D-04	9.26662D-03	2.55308D-03	-3.29460D-05	4.83866D-05	-3.58505D-04
140	2.15648D-03	6.72335D-07	1.37326D-03	-4.91405D-05	2.15921D-05	-1.97969D-04
141	2.31246D-03	-7.90639D-04	1.21875D-03	-6.35975D-05	1.48787D-05	-1.47806D-04
142	2.17268D-03	-1.26432D-03	1.05417D-03	-1.05325D-05	4.18887D-05	-2.86091D-05
143	2.07707D-03	-1.27275D-03	9.47953D-04	-9.51608D-06	4.99573D-05	7.43649D-07
144	1.89710D-03	-1.23297D-03	7.51200D-04	-3.46454D-05	5.82369D-05	2.04903D-05
145	1.64832D-03	-1.33624D-03	4.89213D-04	-7.47742D-05	5.94600D-05	9.27422D-06
146	5.92288D-03	-1.65681D-03	-7.01888D-03	-3.70894D-04	4.80738D-05	-2.37919D-04
147	1.38753D-03	-1.25734D-03	2.28168D-04	-9.31851D-06	6.26820D-05	7.53881D-05
148	1.26852D-03	-1.02325D-03	1.09023D-04	2.73429D-05	6.45245D-05	1.12614D-04
149	1.11139D-03	-5.59326D-04	-4.82616D-05	5.70309D-05	6.60405D-05	1.43028D-04
150	9.51519D-04	-3.32464D-08	-2.08167D-04	6.69238D-05	6.65956D-05	1.52920D-04
151	1.51871D-03	-5.59341D-04	-2.07503D-04	6.36420D-05	6.27349D-05	1.65105D-04
152	5.92459D-04	1.18609D-03	-5.67260D-04	6.69999D-05	6.65941D-05	1.52997D-04
153	2.49428D-03	-5.59362D-04	-5.75979D-04	7.19320D-05	5.59664D-05	1.92818D-04
154	3.15767D-03	-7.68167D-05	-9.61361D-04	7.23926D-05	5.54651D-05	1.94368D-04
155	2.01630D-03	-1.16699D-06	8.82407D-04	7.67350D-05	-2.55541D-05	1.03712D-05
156	1.04843D-03	-4.99477D-03	-7.44009D-05	1.12506D-04	-4.86461D-05	-5.11706D-06
157	2.73588D-04	-6.15793D-03	-8.60301D-04	5.75448D-05	-5.93530D-05	-7.64297D-05
158	2.43882D-03	-6.42312D-03	8.66994D-04	6.09849D-05	-5.90954D-05	-8.41995D-05
159	-7.37773D-04	-4.75749D-03	-1.84002D-03	-4.50078D-05	-6.89830D-05	-1.73839D-04
160	-1.54728D-03	1.69638D-06	-2.63054D-03	-4.10535D-04	-8.31112D-05	-5.20284D-04
161	-5.06832D-03	9.33102D-02	-6.75418D-03	-8.23696D-04	-2.92136D-05	-4.89747D-04
162	-3.66244D-03	-3.16640D-06	-3.39979D-03	1.59485D-03	9.71194D-05	3.57842D-03
163	-3.06552D-03	-7.76517D-02	-1.75469D-03	2.18490D-03	1.05612D-04	4.46739D-03
164	-2.68319D-03	-1.39496D-01	-5.79030D-04	2.48916D-03	1.07322D-04	4.77153D-03
165	-1.29027D-03	-4.50496D-01	5.67199D-03	3.01949D-03	7.45046D-05	2.34906D-03
166	-1.71247D-02	-1.21572D-02	-8.43861D-03	-7.97526D-04	8.94881D-04	4.68333D-04
167	-2.51929D-02	-1.22831D-02	-2.19944D-02	-8.21616D-04	8.98707D-04	4.81062D-04
168	-1.88720D-02	-1.43919D-02	-6.94484D-03	-8.08220D-04	8.94419D-04	4.51100D-04
169	-1.65622D-02	-1.70519D-02	3.52019D-03	-7.72167D-04	6.15946D-04	3.33261D-04
170	-1.54126D-02	-2.24399D-02	7.73903D-03	-5.92290D-04	-2.52148D-04	3.83583D-04
171	-1.44376D-02	-2.24450D-02	1.00898D-02	-8.03028D-04	-2.52148D-04	2.24046D-04
172	-1.39746D-02	-2.24490D-02	1.24334D-02	-9.21039D-04	-2.52148D-04	1.35587D-04
173	-1.33216D-02	-2.24510D-02	1.72102D-02	-9.35822D-04	-2.52148D-04	1.24765D-04
174	-1.24994D-02	-2.24514D-02	2.35647D-02	-9.43727D-04	-2.52148D-04	1.20573D-04
175	-1.57545D-02	-2.40769D-02	5.92123D-03	-5.48746D-04	-3.35592D-04	4.50922D-04

176	-4.14213D-03	-3.35055D-02	1.06622D-07	-1.37948D-04	-8.78521D-04	1.14328D-03
177	2.97212D-02	-3.93227D-08	3.07941D-02	4.04877D-04	3.04574D-04	-4.67994D-04
178	2.96937D-02	7.98079D-03	-9.70638D-08	3.70899D-04	-1.27308D-03	1.91985D-04
179	-1.91459D-02	-5.44101D-09	6.46212D-02	1.38330D-04	7.60549D-04	-1.16569D-04
180	-4.25288D-03	4.39821D-03	1.40558D-02	-2.44462D-04	2.85847D-04	1.01872D-05
181	-5.75335D-03	3.48432D-03	1.88153D-02	-2.73904D-04	6.35974D-04	1.69979D-05
182	-3.13357D-02	3.88558D-03	9.39221D-02	-4.09302D-04	-3.41366D-04	-4.08544D-04
183	-3.06467D-02	5.80874D-03	9.13825D-02	-4.09043D-04	-4.00739D-04	-4.20310D-04
184	-2.59934D-02	8.23866D-03	8.49040D-02	-3.88458D-04	-2.53968D-04	-5.16852D-04
185	-2.84311D-02	1.07998D-02	8.34075D-02	-4.15329D-04	-5.49189D-04	-4.34336D-04
186	2.07282D-02	4.38075D-03	2.99357D-02	-4.55942D-04	-5.44825D-04	-3.55603D-04
187	2.46122D-02	3.32212D-03	2.62418D-02	-4.38175D-04	-4.58266D-04	-3.68772D-04
188	2.77164D-02	2.57034D-03	2.34437D-02	-4.17031D-04	-3.75824D-04	-3.85087D-04
189	1.41636D-02	4.41425D-03	1.25844D-02	2.51924D-04	1.00972D-03	-6.37815D-04
190	-1.29109D-03	-2.69101D-06	4.22470D-09	1.89838D-03	-1.33913D-04	-4.21159D-03
191	-1.49770D-03	-4.47177D-07	-2.11514D-02	4.90971D-04	-6.30554D-05	2.44168D-03
192	-1.50471D-03	-1.66341D-02	-2.14582D-02	4.35232D-04	-5.54620D-05	2.48950D-03
193	-2.29188D-02	-4.54388D-02	-1.70925D-02	6.40917D-04	-2.48408D-05	2.05852D-03
194	3.15716D-02	-6.61157D-02	9.32672D-03	-1.34156D-03	-6.28886D-04	-1.44755D-04
195	8.13768D-03	-1.64883D-02	2.34535D-03	-8.37825D-04	-4.23968D-04	-1.40127D-04
196	-1.02866D-02	-4.85643D-02	3.56392D-02	-1.44214D-03	2.95381D-04	-1.89580D-03
197	2.24085D-02	-4.94044D-02	1.00655D-02	-1.51989D-03	2.98459D-04	-1.93625D-03
198	6.94616D-04	-6.57921D-02	2.45423D-02	-1.61833D-03	2.97281D-04	-1.93102D-03
199	8.61988D-03	-1.52564D-01	2.63555D-03	-2.62018D-03	-1.65530D-03	-1.58185D-03
200	1.78183D-02	-1.37516D-01	-2.74993D-02	-2.40090D-03	-1.72054D-03	-1.75647D-03
201	1.16724D-02	-1.37530D-01	-1.99496D-02	-2.19941D-03	-1.77485D-03	-1.89029D-03
202	7.74159D-03	-1.37538D-01	-1.55064D-02	-2.13611D-03	-1.80868D-03	-1.87546D-03
203	2.79336D-03	-1.33627D-01	-1.41243D-02	-2.12980D-03	-1.84543D-03	-1.58308D-03
204	6.78520D-03	-1.26117D-01	-2.72764D-02	-1.97418D-03	-1.64635D-03	-1.90016D-03
205	9.79633D-03	-1.16632D-01	-3.72033D-02	-1.91315D-03	-1.48053D-03	-1.93289D-03
206	2.65921D-02	-1.16575D-01	-5.62330D-02	-2.16223D-03	-1.41390D-03	-1.99373D-03
207	3.51865D-02	-6.39492D-02	-8.44909D-02	-1.87940D-03	7.01663D-05	-1.82176D-03
208	-9.87517D-03	5.85956D-08	6.22491D-02	-1.24800D-03	1.52047D-03	-8.94829D-04
209	5.63697D-04	9.47593D-04	-1.22617D-02	4.69472D-04	5.19071D-04	-1.42380D-03
210	-3.82037D-03	7.02385D-05	-1.40423D-02	4.70922D-04	5.41901D-04	-1.43203D-03
211	2.79410D-02	-1.16029D-03	-4.44841D-03	4.65161D-04	5.42608D-04	-1.46840D-03
212	-8.49573D-03	-7.52564D-04	-1.59272D-02	4.72861D-04	5.62817D-04	-1.40304D-03
213	-3.39467D-02	2.34000D-08	-2.61311D-02	4.17978D-04	6.32398D-04	-8.17894D-04
214	-3.30061D-03	-2.42149D-08	2.65910D-02	-3.00235D-04	1.03731D-04	-3.40050D-04
215	-1.09497D-02	2.60064D-04	1.31940D-02	5.18293D-04	-2.85686D-04	2.05679D-04
216	-8.34827D-03	2.83923D-03	1.11907D-02	4.64047D-04	-1.99182D-04	2.14270D-04
217	-8.41633D-03	7.82362D-03	1.42099D-02	5.00666D-04	-1.07744D-04	2.53319D-04
218	-4.88504D-03	1.24644D-02	3.49752D-07	1.54818D-04	2.01949D-04	4.20176D-05
219	-4.06651D-03	1.26545D-02	5.98501D-03	-1.87642D-04	1.56528D-04	3.03661D-06
220	-4.06073D-03	1.26554D-02	6.36454D-03	-1.87899D-04	1.56243D-04	3.18636D-06
221	-4.09197D-03	1.26397D-02	5.56741D-03	-1.87897D-04	1.56185D-04	3.31886D-06
222	-4.05413D-03	1.26560D-02	6.74366D-03	-1.88090D-04	1.56013D-04	3.24132D-06
223	-3.98353D-03	1.26701D-02	9.84533D-03	-1.86025D-04	1.48685D-04	4.21459D-06
224	-3.97469D-03	1.26705D-02	1.02197D-02	-1.85709D-04	1.48455D-04	4.21843D-06
225	-4.00399D-03	1.26609D-02	9.46603D-03	-1.85708D-04	1.48356D-04	4.35120D-06
226	-3.96533D-03	1.26705D-02	1.05920D-02	-1.85356D-04	1.48320D-04	4.11084D-06
227	-1.96311D-03	6.39197D-03	5.52311D-03	-4.15394D-06	1.45957D-04	-1.58177D-04
228	-8.26493D-03	7.66429D-08	8.23789D-03	4.21574D-04	-2.18510D-04	1.69928D-04
229	-7.40881D-03	-1.24706D-03	4.09409D-03	3.35982D-04	-2.19625D-04	1.20540D-04
230	-6.95086D-03	-1.24803D-03	2.82828D-03	3.01095D-04	-2.14875D-04	1.13144D-04
231	-2.84137D-07	1.04907D-03	3.17467D-08	1.21571D-04	-2.85704D-04	-3.19816D-04
232	3.26993D-03	1.04109D-03	1.93684D-03	-7.27913D-05	2.52592D-05	1.32611D-04
233	3.00258D-03	1.04098D-03	1.79007D-03	-7.29723D-05	2.58772D-05	1.32545D-04
234	3.17900D-03	1.40474D-03	1.81574D-03	-7.29881D-05	2.59119D-05	1.32546D-04
235	2.73492D-03	1.04084D-03	1.64270D-03	-7.31196D-05	2.64619D-05	1.32431D-04

236	1.80628D-10	-1.26691D-03	-2.06047D-09	-6.78078D-05	-8.70715D-05	4.82866D-05
237	4.83410D-05	-1.26702D-03	6.69214D-05	-6.62634D-05	-8.58840D-05	4.85762D-05
238	3.40843D-04	-1.26720D-03	4.58430D-04	-6.43135D-05	-8.43519D-05	4.89843D-05
239	3.40926D-04	-1.57946D-03	-7.31560D-05	-6.43135D-05	-8.43707D-05	4.93896D-05
240	6.33409D-04	-1.26701D-03	8.38507D-04	-6.24213D-05	-8.27733D-05	4.87599D-05
241	8.81043D-05	-4.54495D-05	8.76413D-05	2.38869D-05	-8.80939D-07	-1.67661D-05
242	2.79202D-05	-7.57103D-05	-1.30071D-06	1.21969D-05	1.52418D-08	-7.71540D-06
243	2.79434D-05	-8.48582D-06	-2.66251D-06	1.36881D-05	-3.58119D-07	-8.81382D-06
244	1.84733D-05	-6.76319D-05	3.64508D-07	-5.26466D-06	-1.52457D-06	1.98426D-06
245	9.15238D-06	-3.42724D-05	2.45498D-07	-4.82874D-06	-1.33875D-06	1.42525D-06
246	1.73716D-07	-3.42807D-05	-3.02456D-05	-4.83651D-06	-1.33875D-06	1.42520D-06
247	1.66990D-06	-6.59696D-06	1.33447D-07	-3.35364D-06	-9.11607D-07	8.66361D-07
248	1.76820D-05	2.90156D-05	2.16320D-07	-2.02484D-06	1.47415D-06	6.50713D-07
249	8.73169D-06	1.52460D-05	1.46541D-07	-2.01416D-06	1.28495D-06	4.64764D-07
250	5.81715D-06	1.52497D-05	-1.25718D-05	-2.01739D-06	1.28495D-06	4.63270D-07
251	1.57873D-06	3.18425D-06	7.96564D-08	-1.44829D-06	8.72221D-07	2.82514D-07
252	-1.94050D-03	-8.92487D-02	2.37384D-02	-2.09087D-03	2.02444D-04	-1.91808D-03

M O D A L A N A L Y S I S

MODE NUMBER 32
FREQUENCY= 24.9319 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.27752D-01	-1.18195D-01	-3.44814D-02	-1.29779D-03	-1.86919D-03	1.66374D-03
3	1.19048D-01	-1.44024D-01	-6.02396D-02	-1.25458D-03	-1.34174D-03	3.03677D-03
4	6.26200D-02	-1.43959D-01	-8.24647D-02	-1.20526D-03	-1.36815D-03	3.19101D-03
5	1.35663D-02	-1.26681D-01	-9.01514D-02	-8.68566D-04	-1.41048D-03	3.81892D-03
6	8.20430D-03	-5.14405D-02	-6.06267D-02	-9.60826D-04	-1.55370D-03	3.56692D-03
7	4.48728D-02	6.59318D-02	8.06024D-03	-1.57183D-03	-1.30268D-03	2.70818D-03
8	7.94174D-02	6.30267D-02	6.50285D-02	-2.66227D-03	2.28788D-04	8.85669D-04
9	7.36945D-02	-1.90099D-02	6.15359D-02	-7.89533D-04	4.09266D-05	2.12422D-03
10	7.15638D-02	7.81520D-07	5.91758D-02	-4.09207D-04	3.25045D-04	2.14999D-03
11	6.87978D-03	8.90432D-02	2.86721D-02	-8.91435D-04	2.08024D-04	5.85856D-04
12	3.01189D-03	4.37955D-06	2.83560D-02	-1.15461D-03	-4.22467D-05	-9.82810D-05
13	5.19145D-03	-6.85335D-03	2.58029D-02	-5.41812D-04	-7.28245D-05	-4.00077D-04
14	5.32256D-03	-1.34486D-02	1.16160D-02	-4.06436D-04	-3.57760D-04	-1.79389D-04
15	4.97115D-02	-3.75809D-02	1.14064D-02	-1.95517D-04	-8.38698D-04	-7.96972D-04
16	7.15949D-02	-1.80196D-02	-1.41720D-02	3.95190D-05	-1.40875D-03	-1.15837D-03
17	7.09606D-02	8.95916D-02	-1.46146D-01	3.54533D-04	-9.69708D-04	-7.48724D-04
18	6.73987D-02	9.40238D-02	-1.56105D-01	5.00605D-04	-2.93464D-04	-1.76714D-04
19	6.56255D-02	8.82903D-02	-1.57643D-01	5.14669D-04	8.52580D-05	1.39625D-04
20	6.78876D-02	7.81871D-02	-1.48841D-01	6.57958D-04	1.03181D-03	7.07198D-04
21	6.71013D-02	1.94557D-02	-6.43627D-02	8.33404D-04	1.73489D-03	1.32440D-03
22	2.95183D-02	-4.73223D-03	-1.39042D-02	6.18691D-04	1.04108D-03	1.02280D-03
23	2.71575D-09	6.94706D-10	-1.97656D-09	8.17764D-08	9.43976D-08	1.37274D-07
25	3.70785D-03	-9.06377D-03	1.14737D-03	-1.32063D-04	-5.16162D-05	-1.87188D-05
26	3.43665D-03	-1.11691D-02	-3.34260D-04	-2.57893D-05	2.13337D-05	8.42001D-05
27	2.48361D-03	-1.11687D-02	-5.89002D-04	-1.81462D-05	2.79699D-05	9.09623D-05
28	-6.94574D-04	-7.08927D-03	-3.04643D-04	7.88472D-05	2.51383D-05	2.40082D-04
29	-6.93347D-04	-4.39624D-03	-6.07307D-04	9.20238D-05	2.78235D-05	2.42749D-04
30	-6.16572D-04	-4.24527D-02	7.75648D-03	3.44735D-04	-5.66528D-05	-3.29811D-04
31	-3.56109D-03	3.75570D-04	-4.34598D-03	1.41375D-04	-6.59604D-05	-9.81816D-05
32	-8.69847D-04	-1.73079D-03	-1.68563D-03	-2.55979D-05	1.38418D-05	-2.55137D-04
33	-3.08022D-03	-4.46614D-03	-1.16270D-03	-9.28046D-05	1.43830D-04	-3.82399D-04
34	-1.57344D-02	3.53851D-02	1.15486D-02	-2.15545D-04	4.45707D-05	-6.18177D-04
35	-1.52490D-02	3.43262D-02	1.15325D-02	-4.20952D-04	-1.03726D-04	-5.21378D-04
36	-1.25925D-02	-1.53619D-02	-4.94174D-02	-9.00992D-04	-1.53808D-03	2.92535D-03
37	-3.90377D-02	-1.66567D-03	-4.56165D-02	9.56728D-05	-9.69245D-04	7.80066D-04
38	6.76959D-03	-1.82970D-03	2.18750D-02	1.01263D-03	-1.14948D-03	-7.94319D-04
39	1.37382D-03	2.12964D-02	-3.37430D-03	1.21550D-04	2.59411D-04	-2.29587D-04
40	1.62949D-03	2.24253D-02	-4.56651D-04	-1.25341D-04	2.54584D-04	1.31970D-04
41	2.73002D-03	2.24328D-02	5.41775D-04	-1.29192D-04	1.79570D-04	1.65140D-04
42	5.75281D-03	2.19672D-02	1.37819D-03	-6.27463D-06	-1.91281D-04	4.15650D-04
43	9.35937D-03	2.19820D-02	1.39530D-03	-7.76656D-07	-2.07426D-04	4.06356D-04
44	1.02340D-02	1.82540D-02	1.52858D-03	-1.98104D-05	1.58754D-04	3.99829D-04
45	1.03853D-02	7.08594D-03	-3.34645D-02	-1.70360D-04	-1.64678D-04	-1.14781D-04
46	1.03692D-02	7.25197D-03	-3.35020D-02	-1.78877D-04	1.45242D-04	-6.14350D-05
47	-4.36540D-03	1.72615D-03	1.25879D-02	-4.09012D-05	-9.58548D-05	-3.85231D-05
48	-3.86394D-03	1.77335D-03	1.17907D-02	-4.74934D-05	-1.28622D-04	-3.10173D-05
49	5.39665D-03	5.16710D-04	3.17209D-03	-2.86882D-05	2.87430D-05	-6.87455D-05
50	2.65295D-03	6.75660D-04	2.53900D-03	4.71030D-05	1.70710D-05	-9.22814D-05
51	1.95092D-03	4.45786D-04	1.74668D-03	5.14773D-05	1.67819D-04	-9.58056D-05

52	2.84307D-05	4.13723D-07	2.39125D-05	2.07127D-06	1.18819D-05	-3.65428D-06
53	3.33001D-11	3.45350D-12	3.11689D-11	2.95677D-10	1.02972D-09	-4.78278D-10
54	1.74285D-04	-4.77041D-03	4.00670D-03	-2.11724D-04	4.97596D-05	-2.04474D-04
55	-9.53114D-04	-1.62080D-02	3.64984D-03	-3.26263D-04	-4.07606D-06	-1.91209D-04
56	2.95311D-04	-1.90181D-02	2.49273D-03	-3.38322D-04	-2.44263D-04	-1.76212D-04
57	-2.88081D-03	3.90976D-04	1.26732D-02	-1.26710D-04	2.10738D-04	-1.16668D-04
58	-4.02214D-03	1.13103D-03	1.40517D-02	-2.30531D-05	3.17164D-07	-6.27600D-05
59	-4.88023D-03	1.15640D-03	1.44347D-02	-3.63081D-05	-6.64484D-05	-3.85576D-05
60	9.55696D-03	-1.91503D-02	5.44280D-02	-2.66178D-04	-3.53765D-04	3.32727D-03
61	-5.32674D-02	-1.67819D-03	5.25084D-02	-1.34325D-03	-1.57801D-03	4.74217D-03
62	1.44262D-01	-5.20957D-03	1.32648D-01	-1.65420D-03	-2.42815D-03	2.40702D-03
63	1.49862D-01	-4.65666D-03	1.22832D-01	-2.06135D-03	3.26057D-03	-5.76495D-05
64	1.50377D-01	-5.14398D-02	-1.88416D-01	-2.87255D-04	4.24318D-03	-6.13456D-04
65	1.32897D-01	-4.60765D-02	-2.17503D-01	2.40086D-03	1.73662D-03	2.24370D-03
66	5.97838D-02	-4.61601D-02	-1.39123D-01	2.65673D-03	1.19801D-03	2.49933D-03
67	2.03322D-02	-5.38876D-03	-1.05434D-01	1.45925D-03	-3.38078D-04	1.11962D-03
68	1.02503D-01	8.06217D-02	-5.29949D-02	-1.03551D-03	2.53224D-04	-1.53965D-04
69	9.48989D-02	6.77852D-02	-5.42808D-02	-2.06756D-03	1.51930D-03	-4.92418D-04
70	3.51356D-02	-2.02758D-02	-5.30382D-02	-2.06098D-03	7.73509D-04	-9.23718D-04
71	2.94869D-02	-4.49844D-02	-3.63936D-02	-2.43748D-03	-1.14597D-03	-9.34787D-04
72	2.22425D-02	-4.89661D-02	-5.27245D-03	-8.16133D-04	-7.93290D-04	-2.00411D-04
73	1.61805D-02	-4.98657D-02	-4.50750D-02	7.39129D-04	-5.73287D-04	-3.38603D-05
74	1.50851D-02	-4.56845D-02	-4.25346D-02	1.37075D-04	-6.59144D-04	6.39795D-04
76	3.43435D-02	4.84791D-03	-2.50801D-02	-1.66365D-03	9.38683D-04	-5.36511D-04
77	3.36590D-02	1.36265D-02	3.43117D-04	-1.37931D-03	9.73450D-04	-1.40315D-04
78	4.51027D-03	-5.75467D-03	1.59712D-03	-5.56998D-04	1.16366D-03	1.37756D-03
79	-9.50321D-03	-5.57062D-03	-6.61619D-03	3.55269D-04	-1.63817D-04	-5.55263D-04
80	-5.32621D-04	-5.04443D-04	-3.19704D-05	5.20032D-05	-2.77913D-05	-1.06557D-04
82	-3.00786D-03	4.93759D-03	-4.06566D-03	2.76096D-04	3.26780D-04	-2.13877D-04
83	-4.68068D-03	3.98355D-03	-6.31903D-03	4.02037D-05	1.45214D-04	-2.05364D-04
84	-5.39213D-03	7.92332D-04	-8.33239D-03	-7.61183D-05	1.03137D-04	-1.43266D-04
85	-5.55646D-03	1.96886D-04	-7.96344D-03	-1.70816D-04	1.65860D-05	8.37567D-05
86	-1.14250D-04	1.71804D-04	-1.73781D-06	-7.45373D-05	8.06442D-07	4.42096D-05
87	-1.10267D-04	3.74436D-04	6.17706D-06	-1.56938D-05	3.03803D-06	-5.31102D-06
88	-8.28484D-05	3.03436D-04	-1.72840D-06	2.08105D-05	6.33394D-06	-1.00893D-05
90	-1.09430D-04	-1.20281D-04	7.79443D-06	-2.92013D-05	-3.56758D-06	5.38821D-06
91	-8.07492D-05	-1.40203D-04	-1.30437D-06	7.96111D-06	-6.23712D-06	-3.87744D-06
93	1.96833D-02	-1.81066D-02	-5.35468D-03	-8.04704D-04	-1.06047D-03	6.42291D-04
94	9.17504D-02	-8.47094D-02	-2.47825D-02	-1.29242D-03	-1.79719D-03	1.40074D-03
95	1.00020D-04	-8.21310D-02	-7.57538D-02	-9.15966D-04	-1.54618D-03	3.64472D-03
96	-4.51396D-03	-2.88075D-02	-5.37928D-02	-9.14379D-04	-1.53924D-03	3.16994D-03
97	1.63720D-02	-2.18960D-02	-4.53609D-02	-1.04957D-03	-1.54726D-03	3.46023D-03
98	2.27242D-02	-4.85350D-07	-3.34825D-02	-1.14259D-03	-1.52614D-03	3.33328D-03
99	6.83164D-02	4.66989D-03	5.48305D-02	-2.45501D-03	1.13232D-04	8.48632D-04
100	7.00555D-02	-2.14282D-02	5.71521D-02	-1.99406D-03	-1.42425D-04	1.15708D-03
101	7.35212D-02	-2.62059D-02	6.11674D-02	-1.15409D-03	-5.80163D-05	1.82089D-03
102	7.28433D-02	-8.01369D-03	6.05438D-02	-5.62877D-04	2.12862D-04	2.13420D-03
103	4.75179D-02	-1.90761D-02	5.68303D-02	-4.37202D-04	-1.40721D-04	2.78106D-03
104	5.45482D-03	8.05050D-02	2.85496D-02	-1.16910D-03	1.20826D-04	4.01831D-04
105	3.43398D-03	5.42864D-02	2.84677D-02	-1.33077D-03	6.78054D-05	2.97030D-04
106	-5.26050D-03	5.53194D-02	-7.90458D-03	-1.35290D-03	6.96667D-05	3.24782D-04
107	2.66132D-03	2.44247D-02	2.84174D-02	-1.36446D-03	1.58938D-05	1.35783D-04
108	5.20066D-03	-3.27803D-03	2.51406D-02	-5.04737D-04	-4.34909D-05	-3.39015D-04
109	5.47292D-03	1.43806D-03	2.46202D-02	7.25217D-04	-9.95885D-05	-5.26411D-05
110	5.81331D-03	4.30273D-03	2.43968D-02	4.25265D-04	-1.71651D-04	7.00908D-05
111	6.91757D-03	4.88376D-03	2.40426D-02	-1.06432D-03	-3.45180D-04	2.64416D-04
112	9.38040D-03	-5.34244D-03	2.37633D-02	-2.93056D-03	-5.10389D-04	3.89615D-04
113	-3.38308D-03	-2.34500D-02	-2.75553D-01	-1.47145D-02	-1.21868D-03	5.94568D-04
114	1.20760D-02	-1.41216D-02	2.37651D-02	-6.38964D-04	-4.14745D-04	3.96812D-04
115	1.30499D-02	-1.30520D-02	2.37662D-02	6.42113D-04	-3.61079D-04	4.02986D-04

116	1.41344D-02	-7.69199D-03	2.37674D-02	1.67655D-03	-3.17807D-04	4.10924D-04
117	1.51170D-02	-8.25699D-07	2.37682D-02	2.02281D-03	-3.03531D-04	4.10924D-04
118	1.54574D-02	-7.69244D-03	1.94272D-02	1.63466D-03	-3.68991D-04	5.80040D-04
119	1.74422D-02	1.54326D-02	2.37688D-02	2.02423D-03	-3.05139D-04	4.10924D-04
120	1.92500D-02	-7.69326D-03	1.08115D-02	1.57936D-03	-4.73795D-04	7.92461D-04
121	2.36375D-02	-3.65421D-03	4.60468D-03	1.57584D-03	-4.81557D-04	8.04389D-04
122	5.21463D-03	-2.16914D-06	2.49715D-02	-4.80022D-04	-9.94327D-08	-2.12515D-04
123	5.23987D-03	1.12474D-03	2.58544D-02	-4.33065D-04	4.73068D-05	2.59522D-05
124	5.29602D-03	-8.35114D-03	2.73783D-02	-3.14437D-04	-6.31390D-05	2.17594D-04
125	5.30633D-03	-1.06324D-02	2.65270D-02	-2.89722D-04	-1.22671D-04	1.83838D-04
126	5.32246D-03	-1.40795D-02	2.31800D-02	-2.59076D-04	-2.13805D-04	9.53662D-05
127	3.53008D-03	-1.46434D-02	1.75298D-02	-2.13451D-04	-2.14636D-04	8.54840D-05
128	5.32296D-03	-1.50199D-02	1.75123D-02	-3.21229D-04	-2.95416D-04	-1.48489D-05
129	5.32298D-03	-1.47861D-02	1.55592D-02	-3.51302D-04	-3.22655D-04	-7.17059D-05
130	1.58508D-03	-8.62635D-03	1.16052D-02	-4.63108D-04	-3.22501D-04	-2.32731D-04
131	9.58425D-03	-1.78824D-02	1.15894D-02	-3.86819D-04	-4.19136D-04	-2.68776D-04
132	7.15309D-02	5.41635D-07	-3.61994D-02	9.01632D-05	-1.49152D-03	-1.22564D-03
133	6.76843D-02	6.53761D-02	-1.29736D-01	7.07398D-04	1.37425D-03	9.35868D-04
134	-3.43474D-03	7.18143D-07	1.15860D-02	-5.42326D-04	-2.68620D-04	-3.15169D-04
135	-7.12452D-03	8.89639D-03	1.15665D-02	-5.76551D-04	-2.19651D-04	-3.87908D-04
136	-1.13065D-02	2.12409D-02	1.15437D-02	-5.44036D-04	-1.76224D-04	-4.48041D-04
137	-5.38781D-04	2.29756D-02	-3.67692D-03	-5.58155D-04	-1.76746D-04	-4.53374D-04
138	-1.45388D-02	3.16929D-02	1.15358D-02	-4.59129D-04	-1.28343D-04	-4.97325D-04
139	-1.21713D-02	1.92624D-02	7.95811D-03	-4.83818D-05	1.71437D-04	-6.44745D-04
140	-5.42192D-03	1.05297D-06	1.18597D-03	-6.00713D-05	1.82758D-04	-4.73522D-04
141	-3.93091D-03	-2.83871D-03	-3.09492D-04	-8.32437D-05	1.60434D-04	-4.10886D-04
142	-4.36507D-03	-2.65784D-03	-9.25778D-04	2.08569D-04	5.09329D-05	-5.05707D-05
143	-4.38409D-03	-2.05228D-03	-1.02289D-03	1.83439D-04	3.46294D-06	-4.63483D-05
144	-4.20739D-03	-1.72724D-03	-9.69921D-04	-4.08212D-05	-7.20504D-05	-2.24123D-04
145	-3.74951D-03	-3.64817D-03	-6.09556D-04	-3.50233D-04	-1.20829D-04	-5.03585D-04
146	4.72614D-02	-5.60430D-03	-4.82785D-02	-2.40972D-03	-2.12392D-04	-2.50905D-03
147	-3.21916D-03	-5.01394D-03	-7.90807D-05	6.60215D-05	-1.27453D-04	-8.86246D-05
148	-2.97696D-03	-4.35151D-03	1.63100D-04	2.99262D-04	-1.31241D-04	1.43505D-04
149	-2.65711D-03	-2.47551D-03	4.82894D-04	4.88321D-04	-1.34357D-04	3.31136D-04
150	-2.33184D-03	-2.11207D-07	8.08259D-04	5.51005D-04	-1.35493D-04	3.93820D-04
151	-1.77227D-03	-2.47561D-03	-8.58517D-04	5.29604D-04	-1.27857D-04	3.41988D-04
152	-1.60133D-03	5.09743D-03	1.53886D-03	5.51338D-04	-1.35489D-04	3.94153D-04
153	1.08873D-04	-2.47580D-03	-3.86952D-03	5.81096D-04	-1.14548D-04	3.55276D-04
154	1.71600D-03	-7.74215D-04	-5.96021D-03	5.83924D-04	-1.13562D-04	3.55962D-04
155	-8.32367D-04	-6.31439D-07	-1.64473D-03	6.39315D-06	-6.38695D-08	-2.25183D-04
156	-1.59538D-03	2.23935D-03	-2.39227D-03	1.26508D-04	-4.78858D-05	-1.13896D-04
157	-2.38558D-03	1.66783D-03	-3.19201D-03	1.46834D-04	-5.78826D-05	-9.66288D-05
158	1.09994D-04	1.28387D-03	8.92270D-04	1.49118D-04	-5.80129D-05	-9.67230D-05
159	-3.33916D-03	6.46727D-04	-4.12339D-03	1.48769D-04	-6.36383D-05	-9.27533D-05
160	-4.03276D-03	3.85854D-07	-4.82247D-03	1.16052D-04	-6.77461D-05	-1.19520D-04
161	-6.11007D-03	7.50197D-03	-7.22686D-03	3.67082D-05	9.24743D-06	-1.32874D-04
162	-3.32679D-03	-3.30697D-07	-1.53096D-03	2.55976D-04	1.18488D-04	2.93253D-04
163	-2.60502D-03	-7.41211D-03	3.84843D-04	3.13707D-04	1.22602D-04	3.92257D-04
164	-2.14545D-03	-1.33939D-02	1.74261D-03	3.43226D-04	1.21030D-04	4.29497D-04
165	-6.68862D-04	-4.39822D-02	7.87748D-03	3.90705D-04	5.44650D-05	2.19935D-04
166	1.16643D-03	-1.82728D-03	1.48323D-02	1.00252D-03	-1.14752D-03	-8.01566D-04
167	1.47278D-02	-1.61652D-03	3.18065D-02	1.02834D-03	-1.14884D-03	-8.01564D-04
168	4.83796D-03	2.62157D-03	1.27897D-02	9.94882D-04	-1.14060D-03	-7.72691D-04
169	2.02262D-03	8.74873D-03	-4.29680D-04	8.22437D-04	-7.66915D-04	-5.91813D-04
170	7.26450D-04	1.88729D-02	-6.44848D-03	3.05854D-04	1.95691D-04	-2.75010D-04
171	-2.50545D-04	1.88773D-02	-7.73341D-03	4.53078D-04	1.95691D-04	-3.10949D-04
172	-1.11814D-03	1.88807D-02	-9.08047D-03	5.35418D-04	1.95691D-04	-3.31264D-04
173	-2.82569D-03	1.88824D-02	-1.18638D-02	5.45702D-04	1.95691D-04	-3.33865D-04
174	-5.08755D-03	1.88827D-02	-1.55727D-02	5.51011D-04	1.95691D-04	-3.35600D-04
175	1.03007D-03	2.00385D-02	-5.00526D-03	2.13733D-04	2.43704D-04	-2.52121D-04

176	2.05598D-03	2.24286D-02	-5.50473D-08	-1.30057D-04	2.22435D-04	1.47893D-04
177	1.03165D-02	1.16475D-08	1.11068D-02	-6.05560D-05	1.03846D-04	2.33004D-04
178	1.03795D-02	-3.37961D-03	-3.34766D-08	-1.16168D-04	-4.52123D-04	-1.04217D-04
179	-5.85051D-03	5.93911D-09	1.93702D-02	-1.52231D-04	3.00362D-04	3.15095D-06
180	-9.78044D-04	2.10387D-03	3.21578D-03	-8.50582D-05	-4.90524D-05	-3.63721D-05
181	-9.81719D-04	2.14263D-03	3.21053D-03	-8.45053D-05	3.41873D-05	-2.38498D-05
182	-5.10423D-03	7.99826D-04	1.52726D-02	-3.89213D-05	-4.34077D-05	-3.38814D-05
183	-5.01692D-03	9.51030D-04	1.49395D-02	-3.78024D-05	-5.41369D-05	-3.57931D-05
184	-4.53230D-03	1.15353D-03	1.42308D-02	-2.63690D-05	-3.53958D-05	-5.12898D-05
185	-4.70522D-03	1.38154D-03	1.37989D-02	-3.80226D-05	-8.11536D-05	-3.87691D-05
186	3.42520D-03	3.65759D-04	5.05150D-03	-5.18036D-05	-9.14905D-05	-3.72694D-05
187	4.07706D-03	2.23790D-04	4.43159D-03	-5.05363D-05	-7.68889D-05	-3.97270D-05
188	4.59758D-03	1.18790D-04	3.96237D-03	-4.88485D-05	-6.30029D-05	-4.24739D-05
189	2.30119D-03	5.63152D-04	2.14647D-03	4.92486D-05	1.69714D-04	-9.40557D-05
190	-6.47980D-04	-2.63592D-07	4.99910D-08	2.64819D-04	-7.75349D-05	-4.12350D-04
191	-6.90400D-04	-4.49633D-08	-1.13975D-03	1.08673D-04	2.90470D-05	2.37908D-04
192	-6.91530D-04	-1.62147D-03	-9.40114D-04	1.02489D-04	2.90826D-05	2.42387D-04
193	-2.78446D-03	-4.42874D-03	3.93124D-04	1.14867D-04	2.95636D-05	2.01513D-04
194	2.80699D-03	-6.72639D-03	8.35362D-04	-1.30762D-04	-5.42779D-05	-2.25971D-05
195	7.36645D-04	-1.70421D-03	2.15223D-04	-8.45179D-05	-3.79686D-05	-1.82417D-05
196	-1.24692D-03	-4.76548D-03	5.45528D-03	-2.02347D-04	4.95398D-05	-2.01111D-04
197	2.21734D-03	-4.87231D-03	1.89639D-03	-2.10874D-04	4.97100D-05	-2.05596D-04
198	-2.23716D-04	-6.99594D-03	3.88427D-03	-2.22954D-04	4.93351D-05	-2.05475D-04
199	9.65328D-04	-1.83968D-02	2.95155D-04	-3.26105D-04	-2.59629D-04	-1.79195D-04
200	2.36247D-03	-1.67990D-02	-4.28989D-03	-2.96078D-04	-2.55333D-04	-2.03440D-04
201	1.64912D-03	-1.68008D-02	-3.37389D-03	-2.63301D-04	-2.63574D-04	-2.19328D-04
202	1.19323D-03	-1.68019D-02	-2.84644D-03	-2.52274D-04	-2.68707D-04	-2.17046D-04
203	6.96578D-04	-1.63615D-02	-2.90705D-03	-2.47602D-04	-2.72932D-04	-1.79320D-04
204	1.28056D-03	-1.55208D-02	-4.82941D-03	-2.26548D-04	-2.36031D-04	-2.17789D-04
205	1.70521D-03	-1.44242D-02	-6.22837D-03	-2.17503D-04	-2.07141D-04	-2.20931D-04
206	3.62900D-03	-1.44171D-02	-8.44608D-03	-2.63807D-04	-1.98637D-04	-2.35452D-04
207	4.69287D-03	-8.16075D-03	-1.19628D-02	-2.24117D-04	3.26225D-05	-2.18447D-04
208	-2.54350D-03	8.86780D-09	1.15773D-02	-1.33381D-04	2.30502D-04	-1.14772D-04
209	-2.22394D-02	6.24932D-03	6.56414D-02	-1.61302D-03	-2.25988D-03	5.07146D-03
210	-3.16659D-03	9.80221D-03	7.34130D-02	-1.63010D-03	-2.35187D-03	5.10867D-03
211	-1.17171D-01	1.42063D-02	4.13242D-02	-1.57577D-03	-2.35591D-03	5.26411D-03
212	1.70687D-02	1.29083D-02	8.15774D-02	-1.67124D-03	-2.43445D-03	4.99097D-03
213	1.25013D-01	1.20347D-07	1.24935D-01	-1.77376D-03	-2.66032D-03	2.77362D-03
214	2.12401D-02	5.88362D-08	-1.04854D-01	1.42202D-03	-3.82329D-04	1.10113D-03
215	4.58201D-02	2.80779D-04	-5.33426D-02	-2.16102D-03	1.19951D-03	-8.21235D-04
216	3.48929D-02	-1.10648D-02	-4.49257D-02	-1.93681D-03	8.35140D-04	-8.39886D-04
217	3.51759D-02	-3.06912D-02	-5.77968D-02	-2.08219D-03	4.69484D-04	-1.00022D-03
218	2.12213D-02	-4.90394D-02	-1.41655D-06	-6.46703D-04	-7.80355D-04	-1.68621D-04
219	1.72550D-02	-4.98013D-02	-2.34124D-02	7.57807D-04	-6.07896D-04	-3.01981D-05
220	1.71956D-02	-4.98049D-02	-2.49454D-02	7.58941D-04	-6.06814D-04	-3.09263D-05
221	1.73121D-02	-4.98395D-02	-2.18573D-02	7.58932D-04	-6.06584D-04	-3.14567D-05
222	1.71323D-02	-4.98071D-02	-2.64770D-02	7.59803D-04	-6.05951D-04	-3.12709D-05
223	1.65200D-02	-4.98640D-02	-3.90324D-02	7.53773D-04	-5.78453D-04	-3.82084D-05
224	1.64415D-02	-4.98656D-02	-4.05496D-02	7.52552D-04	-5.77590D-04	-3.82893D-05
225	1.65499D-02	-4.99415D-02	-3.76257D-02	7.52551D-04	-5.77190D-04	-3.88212D-05
226	1.63607D-02	-4.98657D-02	-4.20583D-02	7.51178D-04	-5.77110D-04	-3.79158D-05
227	7.89881D-03	-2.53982D-02	-2.21836D-02	1.75391D-05	-5.84687D-04	6.26575D-04
228	3.45474D-02	-2.74305D-07	-3.26244D-02	-1.76375D-03	9.06852D-04	-6.61430D-04
229	3.12215D-02	4.85442D-03	-1.53577D-02	-1.40675D-03	9.06864D-04	-4.68017D-04
230	2.94420D-02	4.85841D-03	-1.00593D-02	-1.25910D-03	8.86899D-04	-4.41582D-04
231	1.18059D-06	-5.75542D-03	-1.23159D-07	-5.41563D-04	1.14839D-03	1.33833D-03
232	-1.43918D-02	-5.58165D-03	-9.66122D-03	3.47394D-04	-1.37298D-04	-5.62679D-04
233	-1.32571D-02	-5.58081D-03	-8.96058D-03	3.48425D-04	-1.39853D-04	-5.62493D-04
234	-1.41693D-02	-7.33560D-03	-9.08724D-03	3.48510D-04	-1.40011D-04	-5.62497D-04
235	-1.21208D-02	-5.57975D-03	-8.25662D-03	3.49289D-04	-1.42257D-04	-5.62100D-04

236	-7.42942D-10	4.93747D-03	8.50141D-09	3.05383D-04	3.49713D-04	-2.13892D-04
237	-2.14108D-04	4.93794D-03	-3.01772D-04	2.98817D-04	3.44722D-04	-2.14770D-04
238	-1.50594D-03	4.93873D-03	-2.06900D-03	2.90469D-04	3.38282D-04	-2.15988D-04
239	-1.50631D-03	6.31430D-03	6.23268D-05	2.90469D-04	3.38298D-04	-2.17634D-04
240	-2.79499D-03	4.93802D-03	-3.78678D-03	2.82322D-04	3.31802D-04	-2.14577D-04
241	-3.62334D-04	1.73975D-04	-3.77645D-04	-1.02009D-04	2.16250D-06	6.95592D-05
242	-1.13064D-04	2.99507D-04	4.36347D-06	-5.26346D-05	-4.89352D-07	3.19906D-05
243	-1.13122D-04	2.27902D-05	7.69154D-06	-5.83419D-05	1.32841D-06	3.61944D-05
244	-7.50750D-05	2.75898D-04	-1.44665D-06	2.13819D-05	6.19372D-06	-8.28141D-06
245	-3.71988D-05	1.40033D-04	-9.73501D-07	1.96754D-05	5.44015D-06	-5.94884D-06
246	2.79580D-07	1.40067D-04	1.23272D-04	1.97076D-05	5.44015D-06	-5.94892D-06
247	-6.78909D-06	2.70555D-05	-5.29173D-07	1.36849D-05	3.70478D-06	-3.61610D-06
248	-7.31603D-05	-1.28062D-04	-1.09477D-06	8.97911D-06	-6.06977D-06	-3.17614D-06
249	-3.61945D-05	-6.71921D-05	-7.42782D-07	8.90016D-06	-5.30931D-06	-2.27131D-06
250	-2.19368D-05	-6.72086D-05	5.54587D-05	8.91462D-06	-5.30931D-06	-2.26559D-06
251	-6.57590D-06	-1.39901D-05	-4.03759D-07	6.39051D-06	-3.60997D-06	-1.38065D-06
252	-6.58209D-04	-1.00037D-02	3.74761D-03	-2.78887D-04	3.57868D-05	-2.05874D-04

M O D A L A N A L Y S I S

MODE NUMBER 33
FREQUENCY= 25.2743 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.41407D-02	5.74063D-02	3.78381D-03	6.30398D-04	1.24379D-04	-2.24314D-04
3	-9.90866D-03	6.05160D-02	5.25100D-04	-7.33310D-04	-3.55511D-04	-2.06219D-04
4	-6.30387D-03	6.05172D-02	-1.35660D-02	-8.34788D-04	-4.33814D-04	-2.02887D-04
5	-1.52605D-03	5.54386D-02	-2.81274D-02	-1.39773D-03	-3.96271D-04	-3.21547D-04
6	7.05623D-03	2.49729D-02	-2.60059D-02	-1.69645D-03	-5.72425D-04	-4.84084D-04
7	2.16890D-02	-2.81765D-02	1.31429D-03	-1.13866D-03	-5.43230D-04	-9.85376D-05
8	3.41971D-02	-2.57679D-02	2.30734D-02	-3.50939D-05	2.22815D-04	6.82701D-04
9	6.69684D-03	7.10839D-03	-3.50953D-03	-4.95976D-04	4.11659D-04	-1.03171D-04
10	1.14477D-03	-3.67405D-07	-8.53082D-03	-5.77712D-04	4.36878D-04	1.09697D-05
11	-3.52780D-02	-3.26951D-02	-2.76776D-02	1.77702D-04	-5.97844D-04	1.66048D-03
12	3.96082D-02	1.20812D-07	-2.70331D-02	6.67798D-04	-1.15587D-03	1.19588D-03
13	5.66927D-02	3.31683D-03	-3.48442D-02	8.32872D-04	9.78892D-05	3.16286D-04
14	5.79542D-02	1.79013D-02	-8.15321D-03	4.06991D-04	-4.36368D-04	1.75467D-05
15	8.60998D-02	-5.14307D-03	-8.46488D-03	-6.57799D-04	-5.02539D-04	-2.88463D-04
16	1.01608D-01	-1.02770D-02	-2.94023D-02	-5.38150D-04	-1.31203D-03	-6.34293D-04
17	1.00354D-01	7.98608D-02	-1.69942D-01	-7.62740D-05	-1.17431D-03	-8.11321D-04
18	9.52231D-02	8.84545D-02	-1.83261D-01	9.68812D-05	-5.05378D-04	-2.96309D-04
19	9.08366D-02	8.88763D-02	-1.87256D-01	1.59413D-04	-6.52076D-05	4.07723D-06
20	9.24654D-02	8.26437D-02	-1.78757D-01	3.90586D-04	1.15294D-03	6.17617D-04
21	9.11374D-02	2.42700D-02	-7.80503D-02	8.30779D-04	2.13049D-03	1.46555D-03
22	4.22345D-02	-5.77513D-03	-1.67171D-02	7.18421D-04	1.38882D-03	1.41982D-03
23	4.44009D-09	4.42004D-10	-2.44532D-09	9.96100D-08	1.31174D-07	2.01218D-07
25	2.76424D-04	7.62577D-03	1.04682D-04	8.09832D-05	-2.16241D-05	6.48767D-05
26	1.58605D-03	7.92343D-03	-8.11603D-04	-1.61974D-04	-1.21119D-04	-3.02146D-05
27	1.91943D-03	7.92538D-03	-2.66224D-03	-1.74980D-04	-1.33457D-04	-3.36577D-05
28	3.56277D-03	5.41390D-03	-5.04987D-03	-3.06103D-04	-1.67342D-04	-1.77794D-04
29	3.55766D-03	3.40804D-03	-3.15020D-03	-3.24812D-04	-1.74799D-04	-1.84093D-04
30	3.18584D-03	2.94841D-02	-3.86884D-02	-6.07891D-04	2.87850D-04	2.38114D-04
31	1.43861D-02	-1.62739D-03	1.66427D-02	-6.42253D-04	4.00466D-04	4.52169D-04
32	-8.09782D-03	4.34969D-03	-5.70141D-03	-3.23351D-05	2.76006D-04	7.34900D-04
33	-1.54929D-02	1.00768D-02	-5.93182D-03	2.49192D-04	2.01990D-04	9.29964D-04
34	-1.58730D-02	-6.96927D-02	-5.38471D-03	5.21999D-04	-3.26682D-04	1.30754D-03
35	-8.73369D-03	-6.69244D-02	-7.96390D-03	8.93052D-04	-6.15558D-04	1.13034D-03
36	-3.92793D-04	6.05424D-02	-2.19979D-02	-2.85387D-03	-5.54288D-04	2.77615D-04
37	-8.35140D-03	8.67616D-02	-4.17683D-02	-1.33179D-03	-8.10970D-04	-5.58859D-05
38	4.44417D-02	9.02478D-02	1.57106D-02	1.65028D-03	-1.23462D-03	-4.94728D-04
39	3.81556D-02	8.11228D-02	-8.89079D-03	4.78107D-04	4.44066D-04	-4.39664D-04
40	2.45255D-02	9.20308D-02	-1.40022D-03	-4.20502D-04	8.83404D-04	-1.68242D-03
41	1.28535D-02	9.20477D-02	1.71356D-03	-4.29533D-04	8.74663D-04	-1.56286D-03
42	-8.49067D-04	8.77339D-02	5.76534D-03	-5.54557D-04	3.16511D-04	-4.20760D-04
43	-5.76528D-03	7.82262D-02	5.76191D-03	-6.00135D-04	2.71902D-04	1.52724D-05
44	-7.08318D-03	6.56935D-02	6.18168D-03	-1.14028D-03	-8.27160D-05	1.10318D-03
45	-7.00425D-03	2.68394D-02	2.17343D-02	-1.15381D-03	1.14015D-04	-5.61667D-04
46	-6.98972D-03	2.76210D-02	2.17573D-02	-1.17674D-03	-1.03727D-04	-3.71609D-04
47	6.25461D-03	-5.54593D-03	-1.80046D-02	1.45897D-04	1.40467D-04	1.65473D-04
48	5.53050D-03	-5.88552D-03	-1.68534D-02	1.66929D-04	1.84747D-04	1.32562D-04
49	-7.86530D-03	-2.12942D-03	-4.40891D-03	8.09825D-05	-3.88756D-05	1.52443D-04
50	-4.00003D-03	-1.61351D-03	-3.50889D-03	-4.59548D-05	-2.42185D-04	1.70217D-04
51	-3.00416D-03	-1.03314D-03	-2.38510D-03	-5.24013D-05	-2.38261D-04	1.73560D-04

52	-4.22231D-05	-4.70759D-07	-3.26376D-05	-2.62306D-06	-1.65537D-05	6.09136D-06
53	-4.73599D-11	-3.92960D-12	-4.31848D-11	-3.81870D-10	-1.43459D-09	7.80953D-10
54	-4.54577D-04	4.04952D-03	-5.22508D-03	8.84543D-04	-3.08482D-05	3.66585D-04
55	-5.48884D-04	4.40259D-02	-5.31095D-03	1.19588D-03	5.44003D-05	3.98363D-04
56	-2.23014D-03	5.52473D-02	-3.93831D-03	1.14653D-03	3.29352D-04	4.49875D-04
57	7.72900D-04	-9.92728D-04	-1.37938D-02	4.46054D-04	-3.97246D-04	3.33937D-04
58	3.88016D-03	-2.75889D-03	-1.82597D-02	1.74218D-04	-1.72115D-05	2.13864D-04
59	7.01823D-03	-2.88609D-03	-2.07304D-02	1.39912D-04	1.01164D-04	1.72318D-04
60	2.24153D-02	7.16962D-03	-2.10389D-02	-8.09122D-04	6.24301D-04	-1.03672D-03
61	4.78553D-02	-8.20040D-03	-3.24785D-02	5.47056D-04	1.06607D-03	-2.33670D-03
62	-8.35205D-02	4.88477D-03	-8.58583D-02	1.11742D-03	1.64024D-03	-1.16174D-03
63	-8.81642D-02	7.42076D-03	-8.13291D-02	1.26484D-03	-1.94400D-03	3.71959D-05
64	-8.85195D-02	3.07452D-02	1.07354D-01	2.70571D-04	-2.58761D-03	2.89134D-04
65	-7.85131D-02	2.72148D-02	1.27214D-01	-1.30962D-03	-1.08017D-03	-1.25167D-03
66	-3.77306D-02	2.72444D-02	8.41418D-02	-1.47049D-03	-7.35925D-04	-1.40025D-03
67	-1.51206D-02	3.31594D-03	6.48760D-02	-9.11014D-04	2.21236D-04	-6.56405D-04
68	-6.61257D-02	-5.24556D-02	3.24293D-02	6.51402D-04	-1.76376D-04	7.56602D-05
69	-6.11912D-02	-4.43066D-02	3.32830D-02	1.32711D-03	-9.76667D-04	2.94268D-04
70	-2.27627D-02	1.23021D-02	3.25274D-02	1.32221D-03	-5.05532D-04	5.63671D-04
71	-1.92695D-02	2.75217D-02	2.27092D-02	1.54238D-03	6.74170D-04	5.79909D-04
72	-1.47553D-02	3.00000D-02	3.34556D-03	5.19967D-04	4.51617D-04	1.28253D-04
73	-9.96921D-03	3.05714D-02	2.70503D-02	-4.54950D-04	3.30615D-04	3.47252D-05
74	-9.16189D-03	2.81654D-02	2.57965D-02	-8.03009D-05	3.96400D-04	-3.89924D-04
76	-2.22570D-02	-2.91678D-03	1.46195D-02	1.07437D-03	-5.93639D-04	3.20780D-04
77	-2.18187D-02	-8.02516D-03	-1.32299D-03	8.97865D-04	-6.07624D-04	7.12273D-05
78	-2.92641D-03	4.62943D-03	-1.10979D-03	3.84624D-04	-7.07053D-04	-8.94715D-04
79	6.88921D-03	4.42724D-03	5.09465D-03	-2.62214D-04	1.40895D-04	3.70552D-04
80	3.96364D-04	4.29275D-04	2.42812D-05	-4.28229D-05	2.29072D-05	7.10113D-05
82	2.06516D-03	-2.97609D-03	2.88140D-03	-1.96175D-04	-1.98232D-04	1.46298D-04
83	3.14151D-03	-2.38531D-03	4.35547D-03	-4.06158D-05	-8.05737D-05	1.30280D-04
84	3.52703D-03	-4.65168D-04	5.44740D-03	3.96143D-05	-5.52438D-05	8.77431D-05
85	3.59817D-03	-1.16362D-04	5.18632D-03	1.07858D-04	-8.43150D-07	-5.51941D-05
86	7.17495D-05	-1.01546D-04	3.02883D-06	4.94009D-05	-3.82370D-08	-2.83142D-05
87	6.93877D-05	-2.34260D-04	-3.99223D-06	1.11809D-05	-1.87632D-06	3.31885D-06
88	5.21039D-05	-1.91922D-04	1.03326D-06	-1.30548D-05	-3.98498D-06	6.53365D-06
90	6.93556D-05	8.40234D-05	-4.04707D-06	1.91647D-05	1.89770D-06	-3.00462D-06
91	5.20379D-05	9.54242D-05	1.02987D-06	-5.45911D-06	3.97915D-06	2.86162D-06
93	-2.80334D-03	9.98128D-03	7.49416D-04	4.75504D-04	1.38350D-04	-1.45371D-04
94	-1.11431D-02	4.30204D-02	2.98140D-03	6.88035D-04	1.66893D-04	-2.28746D-04
95	4.10173D-03	3.87326D-02	-3.14946D-02	-1.62670D-03	-5.45732D-04	-5.16009D-04
96	2.48480D-03	4.43057D-02	-2.35538D-02	-2.59898D-03	-5.53563D-04	8.75661D-05
97	1.01536D-02	1.06415D-02	-2.02355D-02	-1.61911D-03	-5.91798D-04	-4.77984D-04
98	1.26357D-02	7.60744D-07	-1.56089D-02	-1.53022D-03	-5.98019D-04	-4.21000D-04
99	2.33859D-02	-2.65484D-03	1.20508D-02	3.44589D-05	3.38522D-04	6.27060D-04
100	1.72636D-02	8.33760D-03	6.78648D-03	-8.07688D-05	3.18027D-04	4.33685D-04
101	9.73053D-03	1.03185D-02	-5.48308D-04	-3.62554D-04	3.75412D-04	6.16235D-05
102	3.34276D-03	2.71879D-03	-6.53979D-03	-5.42726D-04	4.24740D-04	-3.02132D-05
103	1.13628D-02	7.13719D-03	-1.07039D-02	-7.18600D-04	5.09523D-04	-6.11479D-04
104	-2.95226D-02	-3.05992D-02	-2.75152D-02	3.37160D-04	-8.89611D-04	1.81070D-03
105	-9.12942D-03	-2.25646D-02	-2.74074D-02	4.31008D-04	-1.08640D-03	1.89624D-03
106	-6.49561D-02	-1.80015D-02	-1.46146D-02	3.88966D-04	-1.08287D-03	2.07876D-03
107	1.65886D-02	-1.16359D-02	-2.72325D-02	5.61807D-04	-1.21690D-03	1.61057D-03
108	5.68270D-02	1.37130D-03	-3.30846D-02	8.09741D-04	2.07699D-04	2.30895D-04
109	5.26403D-02	-1.43158D-03	-3.25955D-02	-5.25613D-04	9.77216D-04	5.53710D-04
110	4.92119D-02	-3.76897D-03	-3.23853D-02	-3.01677D-04	1.29771D-03	6.92060D-04
111	4.18450D-02	-4.06042D-03	-3.20520D-02	1.02971D-03	1.78902D-03	9.11113D-04
112	3.01772D-02	5.61656D-03	-3.17890D-02	2.76025D-03	2.08899D-03	1.05224D-03
113	-6.62954D-03	1.98797D-02	2.53541D-01	1.38984D-02	2.78333D-03	1.28904D-03
114	1.76970D-02	1.37803D-02	-3.17917D-02	5.74949D-04	2.07575D-03	1.05704D-03
115	1.22639D-02	1.26698D-02	-3.17934D-02	-6.45988D-04	2.06927D-03	1.06115D-03

116	5.29645D-03	7.44592D-03	-3.17953D-02	-1.63086D-03	2.06488D-03	1.06644D-03
117	-1.66652D-03	7.88340D-07	-3.17963D-02	-1.96151D-03	2.06490D-03	1.06644D-03
118	8.25865D-03	7.44641D-03	-2.76853D-02	-1.51268D-03	2.03093D-03	1.17917D-03
119	-1.74224D-02	-1.49652D-02	-3.17973D-02	-1.96293D-03	2.06655D-03	1.06644D-03
120	1.50465D-02	7.44732D-03	-2.00300D-02	-1.36130D-03	1.96142D-03	1.32062D-03
121	1.52562D-02	3.97779D-03	-1.46991D-02	-1.35233D-03	1.95627D-03	1.32853D-03
122	5.69904D-02	-1.68855D-06	-3.01508D-02	8.02918D-04	2.96865D-04	1.59636D-04
123	5.72863D-02	-2.24948D-03	-2.30561D-02	7.89954D-04	3.92720D-04	6.61931D-05
124	5.79482D-02	1.17652D-03	-4.10157D-03	7.57203D-04	2.49351D-04	-2.30725D-04
125	5.80705D-02	3.80390D-03	-1.83545D-03	7.50379D-04	1.46737D-04	-3.03350D-04
126	5.82622D-02	1.11142D-02	-5.93782D-05	7.41918D-04	-2.96826D-05	-4.00972D-04
127	7.51263D-02	1.29995D-02	2.16030D-02	8.07212D-04	-4.78614D-05	-6.17097D-04
128	5.81168D-02	1.68951D-02	-2.61505D-03	6.00655D-04	-2.06176D-04	-1.94155D-04
129	5.80612D-02	1.76704D-02	-4.12256D-03	5.32303D-04	-2.88585D-04	-1.11910D-04
130	5.16426D-02	1.24483D-02	-8.11167D-03	5.90407D-04	-6.06407D-04	2.11999D-04
131	6.24048D-02	2.06000D-02	-8.20105D-03	1.45125D-04	-3.88200D-04	-2.67443D-05
132	1.01462D-01	1.89749D-06	-5.05265D-02	-4.63895D-04	-1.46774D-03	-8.05573D-04
133	9.21167D-02	7.11070D-02	-1.56786D-01	5.14630D-04	1.60661D-03	8.83476D-04
134	3.90010D-02	-1.76695D-06	-8.04568D-03	8.78938D-04	-7.54590D-04	5.12516D-04
135	2.68783D-02	-1.56735D-02	-7.98566D-03	1.07212D-03	-7.88620D-04	7.77678D-04
136	1.00741D-02	-3.97415D-02	-7.91947D-03	1.10637D-03	-7.48328D-04	9.96883D-04
137	-1.95448D-02	-4.35434D-02	2.24847D-02	1.17851D-03	-7.47825D-04	1.06056D-03
138	-4.83746D-03	-6.13535D-02	-7.95202D-03	9.60493D-04	-6.61799D-04	1.08657D-03
139	-2.09867D-02	-3.85346D-02	-3.62844D-04	2.07077D-04	-3.51958D-05	1.37017D-03
140	-1.81083D-02	-1.83556D-06	-3.30235D-03	2.04183D-04	1.61650D-04	1.08679D-03
141	-1.66213D-02	6.34180D-03	-4.79757D-03	2.40823D-04	1.86533D-04	9.79340D-04
142	-1.67163D-02	9.97123D-03	-4.84427D-03	8.36196D-05	-1.18599D-04	2.92768D-04
143	-1.63382D-02	1.03938D-02	-4.44569D-03	6.41328D-05	-2.20197D-04	4.64550D-05
144	-1.53520D-02	1.00835D-02	-3.42724D-03	9.26915D-05	-3.43936D-04	-2.84208D-04
145	-1.37611D-02	8.93776D-03	-1.81120D-03	1.64542D-04	-3.89783D-04	-4.43796D-04
146	-6.89838D-03	9.74228D-03	1.54321D-02	8.56046D-04	-3.75182D-04	-1.43900D-04
147	-1.20359D-02	6.72960D-03	-8.38165D-05	-2.20026D-05	-4.16802D-04	-6.35683D-04
148	-1.12399D-02	5.18850D-03	7.13320D-04	-1.26697D-04	-4.32217D-04	-7.44959D-04
149	-1.01821D-02	2.73312D-03	1.77245D-03	-2.11709D-04	-4.44867D-04	-8.35861D-04
150	-9.10151D-03	9.44567D-08	2.85338D-03	-2.40014D-04	-4.49441D-04	-8.64166D-04
151	-1.26187D-02	2.73315D-03	2.38933D-03	-2.54106D-04	-4.18028D-04	-1.00381D-03
152	-6.67875D-03	-5.95742D-03	5.27650D-03	-2.40413D-04	-4.49347D-04	-8.64565D-04
153	-1.86851D-02	2.73318D-03	3.92499D-03	-3.07612D-04	-3.63071D-04	-1.21499D-03
154	-2.28543D-02	-4.66775D-05	5.79789D-03	-3.10631D-04	-3.59000D-04	-1.22685D-03
155	-6.31404D-03	1.37724D-06	-3.93314D-03	-1.29617D-04	2.82484D-04	6.89213D-04
156	2.04717D-03	-6.45038D-03	4.35878D-03	-5.27662D-04	3.37612D-04	5.14743D-04
157	7.13922D-03	-5.29790D-03	9.52639D-03	-6.21378D-04	3.68572D-04	4.92058D-04
158	-5.89403D-03	-3.48478D-03	-8.33635D-03	-6.44764D-04	3.68990D-04	5.08418D-04
159	1.30571D-02	-2.42806D-03	1.53084D-02	-6.41910D-04	3.92333D-04	4.61714D-04
160	1.71679D-02	-6.27791D-07	1.94552D-02	-6.22662D-04	4.03209D-04	4.52937D-04
161	2.96280D-02	-2.19665D-03	3.39992D-02	-4.91507D-04	-1.31473D-05	4.15269D-04
162	1.65907D-02	2.66681D-07	7.10995D-03	-5.98130D-04	-5.80454D-04	-3.01380D-06
163	1.30413D-02	4.79474D-03	-2.31484D-03	-6.34977D-04	-6.04710D-04	-1.06015D-04
164	1.07682D-02	8.81361D-03	-9.03223D-03	-6.52740D-04	-5.99087D-04	-1.53865D-04
165	3.42966D-03	3.03245D-02	-3.95430D-02	-6.64783D-04	-2.69732D-04	-9.99874D-05
166	4.09835D-02	9.02033D-02	4.19740D-03	1.63614D-03	-1.23003D-03	-4.99559D-04
167	4.96785D-02	9.03811D-02	3.19905D-02	1.66616D-03	-1.23383D-03	-5.21628D-04
168	4.23349D-02	9.11809D-02	5.94565D-03	1.63369D-03	-1.22692D-03	-4.49827D-04
169	3.91002D-02	9.01975D-02	-8.31069D-03	1.45895D-03	-8.29310D-04	-1.11001D-04
170	3.73477D-02	7.96519D-02	-1.37038D-02	7.76317D-04	3.04878D-04	-1.08131D-04
171	3.80099D-02	7.96708D-02	-1.69131D-02	1.12189D-03	3.04878D-04	4.43506D-04
172	3.96846D-02	7.96857D-02	-2.02321D-02	1.31526D-03	3.04878D-04	7.50699D-04
173	4.36781D-02	7.96929D-02	-2.70653D-02	1.33944D-03	3.04878D-04	7.88674D-04
174	4.90837D-02	7.96944D-02	-3.61669D-02	1.35211D-03	3.04878D-04	8.05871D-04
175	3.77087D-02	7.95879D-02	-1.15018D-02	6.28656D-04	3.89497D-04	-2.67030D-04

176	1.92681D-02	9.20386D-02	-1.25334D-07	-4.28344D-04	8.79657D-04	-1.64015D-03
177	-7.09109D-03	6.72932D-08	-9.54646D-04	-1.14394D-03	-1.32105D-04	9.83952D-04
178	-7.06678D-03	-1.83397D-02	3.06104D-08	-1.14894D-03	2.43951D-04	-3.90872D-04
179	4.23547D-03	1.82693D-08	-1.44789D-02	-8.21891D-04	-1.81272D-04	-2.76622D-05
180	9.89350D-04	2.74009D-03	-3.28164D-03	-2.38719D-04	-6.91089D-05	-1.48513D-04
181	1.34829D-03	3.36510D-03	-4.40934D-03	-2.05403D-04	-1.49801D-04	-1.15398D-04
182	7.38076D-03	-9.92428D-04	-2.20694D-02	1.30139D-04	7.29505D-05	1.65905D-04
183	7.23426D-03	-1.84164D-03	-2.15210D-02	1.34559D-04	8.64778D-05	1.68778D-04
184	5.63563D-03	-2.88126D-03	-1.96448D-02	1.54341D-04	4.59646D-05	1.93161D-04
185	6.75522D-03	-3.94121D-03	-1.97814D-02	1.41970D-04	1.20764D-04	1.70528D-04
186	-4.92749D-03	-2.12161D-03	-7.19456D-03	1.55043D-04	1.31804D-04	1.16276D-04
187	-5.86931D-03	-1.72410D-03	-6.30053D-03	1.47861D-04	1.11190D-04	1.19071D-04
188	-6.62439D-03	-1.43248D-03	-5.62093D-03	1.39276D-04	9.15279D-05	1.23328D-04
189	-3.50113D-03	-1.32694D-03	-2.95224D-03	-4.91257D-05	-2.40852D-04	1.71902D-04
190	3.34118D-03	1.71931D-07	-2.60977D-07	-5.18371D-04	3.73144D-04	2.86477D-04
191	3.54432D-03	7.58386D-08	6.02327D-05	-3.43461D-04	-1.80343D-04	-1.80058D-04
192	3.54946D-03	1.25567D-03	-1.14278D-03	-3.36534D-04	-1.79733D-04	-1.84677D-04
193	5.28649D-03	3.46106D-03	-6.56467D-03	-3.77756D-04	-1.63380D-04	-1.75100D-04
194	2.67034D-05	5.78345D-03	1.48940D-05	9.06879D-05	-1.16049D-05	6.04129D-05
195	-8.15537D-05	1.53926D-03	-2.19890D-05	6.81135D-05	1.27085D-06	3.51141D-05
196	2.07532D-03	4.04052D-03	-1.12986D-02	8.52447D-04	-3.22903D-05	3.56690D-04
197	-4.14003D-03	4.41198D-03	3.65152D-03	8.86477D-04	-3.07931D-05	3.68711D-04
198	-2.08485D-04	1.20901D-02	-5.15423D-03	9.15892D-04	-2.86478D-05	3.72975D-04
199	-3.14411D-03	5.43239D-02	-9.61291D-04	1.10384D-03	3.84914D-04	4.76247D-04
200	-5.48469D-03	5.09193D-02	6.67569D-03	1.00196D-03	4.62910D-04	5.82938D-04
201	-3.38215D-03	5.09249D-02	3.46225D-03	9.50762D-04	4.78278D-04	6.58095D-04
202	-2.00053D-03	5.09282D-02	1.52330D-03	9.37361D-04	4.87851D-04	6.61374D-04
203	-7.07827D-05	4.97785D-02	-3.06175D-04	9.49843D-04	5.04942D-04	5.55024D-04
204	-1.18911D-03	4.75946D-02	3.39185D-03	8.95875D-04	4.82152D-04	6.77482D-04
205	-2.09724D-03	4.45709D-02	6.39650D-03	8.79084D-04	4.53016D-04	6.85414D-04
206	-7.98730D-03	4.45485D-02	1.48366D-02	8.92575D-04	4.22872D-04	7.10335D-04
207	-1.10252D-02	2.57591D-02	2.47922D-02	7.51016D-04	4.72839D-05	6.97869D-04
208	1.42028D-04	-1.70282D-08	-1.17357D-02	4.65632D-04	-4.25215D-04	3.34419D-04
209	2.71274D-02	-1.30444D-02	-4.12854D-02	8.48585D-04	1.50105D-03	-2.61854D-03
210	1.44667D-02	-1.46974D-02	-4.64485D-02	8.73907D-04	1.56056D-03	-2.64893D-03
211	7.41461D-02	-1.70217D-02	-2.97111D-02	8.33894D-04	1.56335D-03	-2.75039D-03
212	1.05534D-03	-1.59098D-02	-5.18617D-02	9.17995D-04	1.61424D-03	-2.57897D-03
213	-7.05852D-02	-1.86240D-07	-8.06696D-02	1.18341D-03	1.78387D-03	-1.34914D-03
214	-1.57176D-02	-1.62745D-08	6.44992D-02	-8.89640D-04	2.48581D-04	-6.47128D-04
215	-2.96745D-02	-9.05072D-04	3.27127D-02	1.38835D-03	-7.74659D-04	4.99658D-04
216	-2.26080D-02	6.69618D-03	2.72681D-02	1.24476D-03	-5.38758D-04	5.10213D-04
217	-2.27893D-02	1.86873D-02	3.57535D-02	1.33160D-03	-3.18091D-04	6.12667D-04
218	-1.40998D-02	3.00464D-02	8.71157D-07	4.14298D-04	4.44462D-04	1.08908D-04
219	-1.10090D-02	3.05299D-02	1.37377D-02	-4.64376D-04	3.49051D-04	3.09093D-05
220	-1.09477D-02	3.05323D-02	1.46774D-02	-4.65138D-04	3.48452D-04	3.14213D-05
221	-1.10111D-02	3.06215D-02	1.29120D-02	-4.65132D-04	3.48313D-04	3.17560D-05
222	-1.08838D-02	3.05336D-02	1.56163D-02	-4.65731D-04	3.47987D-04	3.16893D-05
223	-1.02910D-02	3.05701D-02	2.33313D-02	-4.63631D-04	3.33140D-04	3.72819D-05
224	-1.02149D-02	3.05712D-02	2.42647D-02	-4.62918D-04	3.32675D-04	3.73585D-05
225	-1.02734D-02	3.06931D-02	2.25890D-02	-4.62917D-04	3.32428D-04	3.76943D-05
226	-1.01373D-02	3.05712D-02	2.51930D-02	-4.62108D-04	3.32445D-04	3.71451D-05
227	-4.81767D-03	1.57084D-02	1.35073D-02	-7.51694D-06	3.54376D-04	-3.84869D-04
228	-2.23873D-02	1.60132D-07	1.93995D-02	1.13681D-03	-5.77053D-04	3.98610D-04
229	-2.03937D-02	-2.92101D-03	8.34089D-03	9.07458D-04	-5.73065D-04	2.80408D-04
230	-1.93271D-02	-2.92361D-03	4.92423D-03	8.10814D-04	-5.60155D-04	2.66030D-04
231	-7.56539D-07	4.62947D-03	7.08849D-08	3.74571D-04	-6.97294D-04	-8.69599D-04
232	1.01503D-02	4.43732D-03	7.33798D-03	-2.55412D-04	1.24104D-04	3.74507D-04
233	9.39476D-03	4.43653D-03	6.82268D-03	-2.56272D-04	1.25737D-04	3.74489D-04
234	1.01797D-02	5.73724D-03	6.92161D-03	-2.56340D-04	1.25853D-04	3.74491D-04
235	8.63772D-03	4.43556D-03	6.30469D-03	-2.57002D-04	1.27257D-04	3.74327D-04

236	5.25210D-10	-2.97589D-03	-5.31685D-09	-2.15730D-04	-2.12813D-04	1.47320D-04
237	1.47494D-04	-2.97622D-03	2.13508D-04	-2.11403D-04	-2.09585D-04	1.47710D-04
238	1.03525D-03	-2.97675D-03	1.46513D-03	-2.05841D-04	-2.05421D-04	1.48222D-04
239	1.03551D-03	-3.92003D-03	1.71392D-04	-2.05841D-04	-2.05375D-04	1.49273D-04
240	1.91933D-03	-2.97634D-03	2.68335D-03	-2.00362D-04	-2.01371D-04	1.47004D-04
241	2.31005D-04	-1.02829D-04	2.52088D-04	6.74723D-05	-1.07409D-07	-4.47173D-05
242	7.10036D-05	-1.83497D-04	-2.30396D-06	3.51575D-05	6.59834D-07	-2.05503D-05
243	7.10089D-05	-7.00439D-06	-2.44680D-06	3.85302D-05	-6.97524D-07	-2.30342D-05
244	4.72143D-05	-1.74543D-04	8.64311D-07	-1.34652D-05	-3.89615D-06	5.36310D-06
245	2.33912D-05	-8.87358D-05	5.80591D-07	-1.24326D-05	-3.42153D-06	3.85285D-06
246	-8.83977D-07	-8.87582D-05	-7.79334D-05	-1.24535D-05	-3.42153D-06	3.85309D-06
247	4.26781D-06	-1.72102D-05	3.15596D-07	-8.66037D-06	-2.32985D-06	2.34202D-06
248	4.71610D-05	8.71473D-05	8.64791D-07	-6.13340D-06	3.88974D-06	2.34493D-06
249	2.33842D-05	4.56725D-05	5.87561D-07	-6.06245D-06	3.41689D-06	1.67830D-06
250	1.28419D-05	4.56840D-05	-3.76970D-05	-6.07255D-06	3.41689D-06	1.67486D-06
251	4.27329D-06	9.48569D-06	3.19385D-07	-4.34797D-06	2.32797D-06	1.02018D-06
252	-2.13181D-05	2.26867D-02	-5.11665D-03	1.07104D-03	1.31579D-06	3.98475D-04

M O D A L A N A L Y S I S

MODE NUMBER 34
FREQUENCY= 25.7375 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	3.62032D-02	-1.01035D-02	-9.85383D-03	-1.08718D-04	-5.86057D-04	5.35853D-04
3	3.42169D-02	-1.85823D-02	-2.21850D-02	-9.88461D-04	-7.02223D-04	1.09338D-03
4	1.37569D-02	-1.85519D-02	-4.04164D-02	-1.02987D-03	-7.68798D-04	1.15479D-03
5	-2.83062D-03	-1.48836D-02	-5.28458D-02	-1.19482D-03	-7.93754D-04	1.29656D-03
6	1.07431D-03	-4.37355D-03	-3.86720D-02	-1.38124D-03	-1.04023D-03	1.05841D-03
7	2.61710D-02	7.86283D-03	8.14639D-03	-1.20850D-03	-8.93811D-04	9.17662D-04
8	4.57719D-02	8.06420D-03	4.21468D-02	-8.13184D-04	3.42040D-04	5.53059D-04
9	9.42080D-03	-2.53031D-03	6.95955D-03	-2.57527D-04	4.35718D-04	4.00976D-04
10	3.39121D-03	5.55821D-09	1.07816D-03	-2.39472D-04	4.80336D-04	4.89538D-04
11	-2.45977D-02	9.32449D-03	-1.77215D-02	-2.08767D-04	-4.65784D-04	1.10129D-03
12	2.64346D-02	2.83683D-06	-1.73628D-02	1.31917D-04	-6.99568D-04	6.15007D-04
13	3.41674D-02	3.87739D-03	-1.71550D-02	3.60265D-04	4.17436D-04	2.27354D-04
14	3.51626D-02	-3.01965D-02	1.48606D-02	-7.53331D-04	-8.12367D-04	-7.22686D-04
15	6.28215D-02	-6.53731D-02	1.55164D-02	-3.08751D-04	3.44069D-04	-1.64291D-03
16	4.25975D-02	-3.09664D-02	4.53467D-02	-3.58582D-04	1.90564D-03	-2.01741D-03
17	4.24837D-02	1.32630D-01	2.34400D-01	-9.04126D-04	1.17963D-03	-9.54545D-04
18	4.43656D-02	1.45968D-01	2.42773D-01	-8.84293D-04	-1.27391D-04	-7.78688D-05
19	3.92505D-02	1.54962D-01	2.37687D-01	-1.04289D-03	-6.85911D-04	4.33722D-04
20	3.24525D-02	1.48563D-01	2.18480D-01	-1.07771D-03	-1.73131D-03	1.21720D-03
21	3.21319D-02	5.72205D-02	9.79312D-02	-1.55737D-03	-2.24220D-03	1.82829D-03
22	1.37345D-02	9.96812D-03	2.68714D-02	-1.19114D-03	-1.13240D-03	1.07934D-03
23	1.16024D-09	1.83457D-09	2.82486D-09	-1.60302D-07	-6.40151D-08	1.02526D-07
25	4.76981D-03	-5.21240D-03	1.44764D-03	-1.03579D-04	-7.62721D-05	2.14592D-05
26	5.39977D-03	-8.12861D-03	-1.97153D-03	-2.02239D-04	-4.39657D-05	6.99855D-05
27	4.60423D-03	-8.12494D-03	-4.22830D-03	-2.01416D-04	-4.29668D-05	7.60683D-05
28	1.98569D-03	-4.90902D-03	-6.52436D-03	-1.34388D-04	-9.78080D-05	1.70530D-04
29	1.98466D-03	-2.99631D-03	-5.43892D-03	-1.25404D-04	-1.02189D-04	1.68610D-04
30	1.82297D-03	-2.66410D-02	-2.16597D-02	1.03660D-04	1.65603D-04	-1.96644D-04
31	2.14532D-03	1.75613D-03	1.02393D-03	1.27840D-04	3.70327D-04	6.32495D-05
32	-2.46362D-02	-4.47697D-03	-2.57273D-02	-1.79172D-04	5.11572D-04	-5.44904D-04
33	-4.34346D-02	-1.21221D-02	-2.48236D-02	-1.93332D-04	7.37023D-04	-9.48885D-04
34	-8.45641D-02	9.54209D-02	1.67047D-02	-5.14094D-04	-2.03334D-04	-1.49792D-03
35	-7.57073D-02	9.19136D-02	1.39931D-02	-1.13444D-03	-9.29394D-04	-1.17491D-03
36	-1.41538D-02	3.18090D-02	-3.04723D-02	-2.16065D-03	-1.21432D-03	1.29355D-03
37	-3.44194D-02	5.39283D-02	-3.89149D-02	-7.27267D-04	-1.65730D-03	3.13745D-04
38	3.03752D-02	5.62232D-02	6.15323D-02	2.18548D-03	-3.31249D-03	-8.38015D-04
39	1.29217D-02	6.09627D-02	-1.84858D-02	-9.10861D-05	6.96141D-04	-1.75248D-04
40	1.00826D-02	6.57552D-02	-3.26336D-03	-1.01298D-03	1.04031D-03	-3.91573D-04
41	7.55331D-03	6.57730D-02	4.09232D-03	-1.01018D-03	9.12356D-04	-3.22974D-04
42	3.52014D-03	5.86479D-02	1.21328D-02	-6.85758D-04	1.10764D-04	3.54713D-04
43	2.84660D-03	4.76597D-02	1.21534D-02	-6.65516D-04	1.82844D-05	4.51481D-04
44	2.85239D-03	3.62048D-02	1.23611D-02	-7.66220D-04	5.41777D-05	6.96465D-04
45	3.25040D-03	1.36318D-02	-1.20386D-02	-7.19307D-04	-4.35949D-05	-3.16552D-04
46	3.24867D-03	1.40618D-02	-1.20359D-02	-7.29967D-04	4.68688D-05	-2.21899D-04
47	5.56362D-04	-1.29789D-03	-1.57527D-03	2.69882D-05	1.58573D-05	3.90126D-05
48	4.84054D-04	-1.39926D-03	-1.45910D-03	3.32466D-05	1.71989D-05	2.87934D-05
49	-7.04889D-04	-4.34446D-04	-3.58360D-04	1.52086D-05	-3.15060D-06	2.24472D-05
50	-3.78761D-04	-2.48328D-04	-2.81858D-04	-1.70992D-07	-2.06046D-05	2.11354D-05
51	-2.94063D-04	-1.55303D-04	-1.86313D-04	-7.84730D-07	-2.02959D-05	2.11263D-05

52	-3.89886D-06	-3.58173D-09	-2.54088D-06	-1.66618D-07	-1.35887D-06	6.64911D-07
53	-4.05014D-12	-2.98981D-14	-3.48053D-12	-2.57312D-11	-1.17763D-10	8.30072D-11
54	-8.86260D-05	-3.03984D-03	-3.77561D-04	3.19229D-04	4.51962D-06	-2.77784D-06
55	-4.92402D-04	9.15361D-03	-5.31050D-04	3.81535D-04	1.69400D-05	3.08249D-05
56	-6.07405D-04	1.30038D-02	-4.81757D-04	3.32241D-04	2.90979D-05	7.99716D-05
57	-7.47500D-04	-2.27335D-04	-1.38410D-04	1.16775D-04	-7.58927D-05	8.06818D-05
58	-6.03645D-05	-5.81647D-04	-1.28853D-03	4.73031D-05	-7.28617D-06	4.77914D-05
59	6.49229D-04	-6.12668D-04	-1.89825D-03	2.55334D-05	1.36536D-05	4.15591D-05
60	2.82815D-03	-2.56349D-03	3.99264D-03	-8.17591D-05	3.88445D-04	2.25496D-04
61	2.59696D-03	-1.97067D-03	4.85691D-03	1.80607D-04	1.18493D-04	-4.18744D-04
62	-1.62281D-02	5.19716D-04	-2.61374D-03	1.87574D-04	2.93695D-04	-2.89142D-04
63	-1.78750D-02	6.09361D-04	-3.75930D-03	2.80281D-04	-9.95322D-05	-3.79604D-06
64	-1.79345D-02	4.27481D-03	8.94282D-03	1.70897D-04	-1.89913D-04	3.77218D-05
65	-1.50348D-02	2.93883D-03	1.23951D-02	1.29673D-05	-6.96838D-05	-3.29996D-04
66	-4.42148D-03	2.95193D-03	1.23084D-02	-1.11750D-05	-4.66021D-05	-3.59783D-04
67	5.36336D-04	3.98148D-04	1.18506D-02	-5.22069D-06	7.33099D-05	-2.61294D-04
68	-1.05336D-02	-8.20522D-03	5.00690D-03	1.13276D-04	-2.00212D-05	-2.92794D-05
69	-9.78780D-03	-6.92208D-03	5.13138D-03	2.16107D-04	-1.52555D-04	1.33420D-05
70	-3.72384D-03	2.13849D-03	5.01576D-03	2.09857D-04	-8.07323D-05	9.47932D-05
71	-3.10182D-03	4.78360D-03	3.53612D-03	2.42564D-04	1.01014D-04	1.04408D-04
72	-2.27101D-03	5.23600D-03	5.25358D-04	8.18353D-05	6.59067D-05	2.46981D-05
73	-1.43182D-03	5.34187D-03	4.11202D-03	-6.97315D-05	4.82431D-05	3.64858D-06
74	-1.39455D-03	4.87079D-03	3.93402D-03	-9.99017D-06	5.99648D-05	-6.66750D-05
76	-3.64257D-03	-5.04966D-04	2.13847D-03	1.70605D-04	-9.29982D-05	5.57605D-05
77	-3.57187D-03	-1.39931D-03	-2.95532D-04	1.42671D-04	-9.43020D-05	1.35554D-05
78	-4.81077D-04	6.63788D-04	-1.77482D-04	6.14253D-05	-1.07503D-04	-1.47297D-04
79	1.29110D-03	6.45917D-04	7.66114D-04	-4.06582D-05	3.04948D-05	6.32515D-05
80	7.65414D-05	5.82786D-05	3.86073D-06	-6.02591D-06	4.83247D-06	1.21433D-05
82	3.36749D-04	-5.15591D-04	4.77172D-04	-3.24909D-05	-3.08861D-05	2.39160D-05
83	5.12892D-04	-4.15314D-04	7.13349D-04	-6.85933D-06	-1.22300D-05	2.24133D-05
84	5.71094D-04	-8.23043D-05	8.78345D-04	6.35993D-06	-8.33038D-06	1.54894D-05
85	5.85699D-04	-2.04941D-05	8.34050D-04	1.72887D-05	3.54161D-07	-8.66347D-06
86	1.20817D-05	-1.78867D-05	3.48904D-07	7.93988D-06	1.78779D-08	-4.68397D-06
87	1.16392D-05	-3.94662D-05	-7.27997D-07	1.69619D-06	-3.39539D-07	5.56337D-07
88	8.68312D-06	-3.20533D-05	1.60213D-07	-2.19486D-06	-6.66715D-07	1.06856D-06
90	1.16595D-05	1.30000D-05	-6.86946D-07	3.10212D-06	3.26939D-07	-5.57093D-07
91	8.73760D-06	1.50517D-05	1.73590D-07	-8.56710D-07	6.68565D-07	4.21783D-07
93	5.16413D-03	-7.72118D-04	-1.43327D-03	-1.23608D-05	-2.86722D-04	1.67602D-04
94	2.53433D-02	-6.01045D-03	-6.91276D-03	-6.86788D-05	-5.30915D-04	4.24411D-04
95	-4.31596D-03	-7.77343D-03	-4.87031D-02	-1.32673D-03	-1.01418D-03	1.07601D-03
96	-7.94324D-03	1.63342D-02	-3.38335D-02	-1.98466D-03	-1.14556D-03	1.27146D-03
97	6.59879D-03	-1.84371D-03	-2.83831D-02	-1.35438D-03	-1.04587D-03	1.01050D-03
98	1.09287D-02	3.01703D-07	-2.03168D-02	-1.32449D-03	-1.03760D-03	9.89229D-04
99	2.96970D-02	3.86977D-04	2.65293D-02	-6.46520D-04	4.77598D-04	4.47085D-04
100	2.15576D-02	-2.73805D-03	1.86803D-02	-5.11631D-04	3.99081D-04	4.11790D-04
101	1.27102D-02	-3.31489D-03	1.01409D-02	-3.27816D-04	4.12428D-04	3.99007D-04
102	5.80368D-03	-1.14528D-03	3.43285D-03	-2.46222D-04	4.65591D-04	4.55370D-04
103	5.90815D-03	-2.54581D-03	5.11098D-03	-1.57701D-04	4.13962D-04	3.12827D-04
104	-2.01100D-02	7.53974D-03	-1.76820D-02	-2.10689D-04	-6.39278D-04	1.14143D-03
105	-5.65533D-03	3.10001D-03	-1.76549D-02	-2.09651D-04	-7.46747D-04	1.16429D-03
106	-4.01849D-02	6.01984D-03	-2.35570D-02	-2.79926D-04	-7.40836D-04	1.28568D-03
107	1.17156D-02	-1.95817D-04	-1.75181D-02	-8.43286D-05	-8.01643D-04	9.40236D-04
108	3.42638D-02	2.56005D-03	-1.30154D-02	3.10756D-04	5.15566D-04	2.84174D-04
109	2.98021D-02	1.68916D-03	-1.28496D-02	-1.89556D-04	7.59225D-04	3.93296D-04
110	2.73659D-02	8.32113D-04	-1.27784D-02	-1.32376D-04	8.63061D-04	4.40062D-04
111	2.28756D-02	5.20440D-04	-1.26653D-02	2.91564D-04	1.02398D-03	5.14109D-04
112	1.64243D-02	3.40509D-03	-1.25761D-02	8.62680D-04	1.12332D-03	5.61815D-04
113	-2.19943D-03	7.81370D-03	8.31577D-02	4.65434D-03	1.35955D-03	6.39905D-04
114	9.70924D-03	5.66830D-03	-1.25772D-02	1.04684D-04	1.11728D-03	5.64562D-04
115	6.78351D-03	5.03440D-03	-1.25779D-02	-3.18806D-04	1.11442D-03	5.66918D-04

116	3.02959D-03	2.90267D-03	-1.25786D-02	-6.60379D-04	1.11258D-03	5.69947D-04
117	-7.23264D-04	2.73495D-07	-1.25790D-02	-7.75188D-04	1.11280D-03	5.69947D-04
118	4.61894D-03	2.90286D-03	-1.09132D-02	-6.13386D-04	1.09314D-03	6.34509D-04
119	-9.21439D-03	-5.91443D-03	-1.25794D-02	-7.75769D-04	1.11370D-03	5.69947D-04
120	8.28703D-03	2.90321D-03	-7.80505D-03	-5.53274D-04	1.05332D-03	7.15516D-04
121	8.42577D-03	1.49291D-03	-5.63811D-03	-5.49721D-04	1.05038D-03	7.20047D-04
122	3.43813D-02	-4.65481D-06	-7.01399D-03	2.56780D-04	5.98713D-04	4.34002D-04
123	3.45953D-02	-1.22957D-02	5.80288D-03	1.54226D-04	6.57179D-04	6.93488D-04
124	3.50824D-02	-4.63923D-02	3.25006D-02	-1.04859D-04	2.54481D-04	3.71034D-04
125	3.51741D-02	-4.95109D-02	3.44741D-02	-1.58836D-04	7.43514D-05	1.32331D-04
126	3.53186D-02	-4.92311D-02	3.37150D-02	-2.25767D-04	-2.03920D-04	-2.64666D-04
127	4.67773D-02	-4.98644D-02	2.98350D-02	-1.49275D-04	-2.15658D-04	-4.04214D-04
128	3.52456D-02	-4.09368D-02	2.62055D-02	-4.48280D-04	-4.81299D-04	-4.85540D-04
129	3.52174D-02	-3.76189D-02	2.28524D-02	-5.55945D-04	-6.03448D-04	-5.76387D-04
130	2.42329D-02	-2.03066D-02	1.47217D-02	-1.00089D-03	-1.04477D-03	-7.62220D-04
131	4.39961D-02	-3.78441D-02	1.49606D-02	-6.49088D-04	-7.26397D-04	-8.55876D-04
132	4.26033D-02	3.81747D-08	7.61496D-02	-4.46288D-04	2.11893D-03	-2.03540D-03
133	3.23715D-02	1.26979D-01	1.88500D-01	-1.21288D-03	-2.06997D-03	1.52257D-03
134	3.31961D-03	1.64965D-06	1.45037D-02	-1.33547D-03	-1.26535D-03	-8.23318D-04
135	-1.71239D-02	2.27954D-02	1.43080D-02	-1.51962D-03	-1.32052D-03	-8.77229D-04
136	-4.52087D-02	5.61409D-02	1.40939D-02	-1.50529D-03	-1.23952D-03	-9.21796D-04
137	-2.42813D-02	6.04206D-02	-3.10207D-02	-1.60856D-03	-1.24933D-03	-8.60078D-04
138	-6.96177D-02	8.47964D-02	1.40209D-02	-1.24898D-03	-1.04242D-03	-1.09189D-03
139	-7.90443D-02	5.29779D-02	1.09390D-02	-2.67092D-05	4.98765D-04	-1.64365D-03
140	-5.43107D-02	2.82007D-06	-1.39315D-02	-7.56685D-05	7.85452D-04	-1.20702D-03
141	-4.76637D-02	-7.77511D-03	-2.05898D-02	-1.53544D-04	7.58451D-04	-1.03324D-03
142	-4.86979D-02	-6.78973D-03	-2.21056D-02	9.04106D-04	-1.80609D-04	-4.11245D-04
143	-4.77865D-02	-5.05019D-03	-2.14010D-02	9.56539D-04	-5.35990D-04	-5.45483D-04
144	-4.48887D-02	-4.10010D-03	-1.88311D-02	5.47295D-04	-1.03637D-03	-1.25035D-03
145	-3.97202D-02	-9.26586D-03	-1.39215D-02	-1.56509D-04	-1.30065D-03	-2.14462D-03
146	1.23495D-01	-1.33469D-02	-1.16315D-01	-5.44386D-03	-1.55456D-03	-7.72920D-03
147	-3.39449D-02	-1.30417D-02	-8.14286D-03	9.55240D-04	-1.39693D-03	-1.05191D-03
148	-3.12709D-02	-1.13528D-02	-5.46764D-03	1.57979D-03	-1.45185D-03	-4.43688D-04
149	-2.77105D-02	-6.47008D-03	-1.90595D-03	2.08822D-03	-1.49691D-03	4.37468D-05
150	-2.40706D-02	-5.61454D-07	1.73483D-03	2.25489D-03	-1.51316D-03	2.10424D-04
151	-2.79303D-02	-6.47045D-03	-7.69920D-03	2.30417D-03	-1.40127D-03	-1.87746D-04
152	-1.59140D-02	1.33012D-02	9.89219D-03	2.25582D-03	-1.51274D-03	2.11348D-04
153	-2.98647D-02	-6.47110D-03	-2.09446D-02	2.57405D-03	-1.20543D-03	-4.79758D-04
154	-2.96427D-02	-2.67883D-03	-2.89627D-02	2.58897D-03	-1.19093D-03	-4.96362D-04
155	-2.14451D-02	-1.38216D-06	-2.25400D-02	-1.28577D-04	4.76986D-04	-4.49081D-04
156	-1.01655D-02	6.73927D-03	-1.12756D-02	6.71868D-05	3.77826D-04	-5.73325D-05
157	-4.78701D-03	5.45187D-03	-5.79178D-03	9.69672D-05	3.74278D-04	3.34569D-05
158	-5.57614D-03	5.43046D-03	-4.16474D-03	8.35793D-05	3.74028D-04	5.10553D-05
159	9.47258D-04	2.63309D-03	-1.83222D-04	1.24344D-04	3.74884D-04	6.01560D-05
160	4.56086D-03	7.15245D-07	3.47391D-03	1.11338D-04	3.55356D-04	4.56181D-05
161	1.52460D-02	1.39165D-03	1.61201D-02	-1.98364D-05	4.44600D-05	-6.64203D-05
162	9.18858D-03	-2.46060D-07	3.32673D-03	7.73458D-05	-3.09660D-04	1.79833D-04
163	7.27312D-03	-4.19489D-03	-1.75638D-03	1.12468D-04	-3.28312D-04	2.51914D-04
164	6.02856D-03	-7.74101D-03	-5.43056D-03	1.29835D-04	-3.28179D-04	2.80996D-04
165	1.95446D-03	-2.69309D-02	-2.23534D-02	1.48199D-04	-1.49072D-04	1.61452D-04
166	2.44967D-02	5.61937D-02	4.63694D-02	2.15605D-03	-3.29454D-03	-8.42933D-04
167	3.88060D-02	5.64109D-02	8.27982D-02	2.22883D-03	-3.31073D-03	-8.59531D-04
168	2.47888D-02	5.90080D-02	3.53085D-02	2.14073D-03	-3.29723D-03	-7.97393D-04
169	1.64542D-02	6.15955D-02	-3.49675D-03	1.70854D-03	-2.30736D-03	-4.59993D-04
170	1.13700D-02	5.98291D-02	-2.62129D-02	3.91262D-04	4.39236D-04	-9.32475D-05
171	1.13654D-02	5.98438D-02	-2.84153D-02	8.81708D-04	4.39236D-04	7.12297D-05
172	1.17007D-02	5.98553D-02	-3.12150D-02	1.15541D-03	4.39236D-04	1.62763D-04
173	1.25784D-02	5.98610D-02	-3.72671D-02	1.18942D-03	4.39236D-04	1.74060D-04
174	1.37772D-02	5.98621D-02	-4.53743D-02	1.20591D-03	4.39236D-04	1.79065D-04
175	1.20653D-02	5.99594D-02	-2.27283D-02	1.50620D-04	6.09689D-04	-1.31652D-04

176	8.86905D-03	6.57633D-02	-1.85657D-07	-1.01962D-03	9.85472D-04	-3.63020D-04
177	2.97308D-03	2.53629D-08	1.36310D-02	-7.53523D-04	-6.51415D-05	5.20328D-04
178	3.12255D-03	-1.06789D-02	9.29518D-10	-7.36194D-04	-2.39599D-04	-1.96528D-04
179	-1.63240D-03	9.51414D-09	4.54087D-03	-5.22469D-04	1.10825D-04	-5.23404D-05
180	-1.22437D-04	1.94063D-03	3.41469D-04	-2.01824D-04	-7.26830D-05	-9.38738D-05
181	9.15795D-05	2.18303D-03	-2.99571D-04	-1.83465D-04	-6.19487D-05	-7.38186D-05
182	7.08384D-04	-9.76958D-05	-2.10724D-03	1.90817D-05	1.31250D-05	4.10241D-05
183	6.82109D-04	-3.32934D-04	-2.01431D-03	2.19704D-05	1.35682D-05	4.13473D-05
184	3.28628D-04	-6.12137D-04	-1.65657D-03	3.68673D-05	3.83940D-06	4.42476D-05
185	6.15161D-04	-8.86324D-04	-1.77933D-03	2.60302D-05	1.48132D-05	4.07929D-05
186	-4.41632D-04	-6.27660D-04	-6.06314D-04	3.05875D-05	1.14306D-05	2.05006D-05
187	-5.23633D-04	-5.30166D-04	-5.28665D-04	2.89024D-05	9.68340D-06	2.05781D-05
188	-5.89646D-04	-4.54317D-04	-4.69396D-04	2.68367D-05	8.00516D-06	2.10798D-05
189	-3.36343D-04	-2.02131D-04	-2.34546D-04	-4.75335D-07	-2.05022D-05	2.11304D-05
190	1.89631D-03	-1.68180D-07	-1.57513D-07	3.12220D-05	1.97567D-04	-2.63644D-04
191	1.98050D-03	-2.60358D-08	-3.56630D-03	-1.10313D-04	-1.10125D-04	1.61151D-04
192	1.98215D-03	-1.09685D-03	-4.27917D-03	-1.15918D-04	-1.07388D-04	1.65483D-04
193	6.20156D-04	-3.00188D-03	-6.65586D-03	-1.23242D-04	-9.37244D-05	1.26805D-04
194	3.51158D-03	-3.70848D-03	1.01742D-03	-9.14148D-05	-7.38470D-05	1.50194D-05
195	8.74843D-04	-8.52988D-04	2.42874D-04	-4.91817D-05	-4.64824D-05	3.74755D-06
196	-1.18825D-04	-3.03964D-03	-2.58177D-03	3.10791D-04	3.45060D-06	-5.03230D-06
197	-6.27201D-05	-2.92720D-03	2.83505D-03	3.20665D-04	4.50439D-06	-2.76181D-06
198	-1.27538D-04	-4.87870D-04	-3.91680D-04	3.25946D-04	5.52162D-06	9.39980D-09
199	-6.92337D-04	1.31419D-02	-2.11667D-04	3.18447D-04	4.64209D-05	9.26703D-05
200	-1.06003D-03	1.28491D-02	9.76627D-04	2.86856D-04	8.26492D-05	1.31149D-04
201	-5.68839D-04	1.28506D-02	4.34084D-05	2.79110D-04	8.57623D-05	1.56956D-04
202	-2.35687D-04	1.28515D-02	-5.29485D-04	2.77971D-04	8.77015D-05	1.60104D-04
203	2.69406D-04	1.26359D-02	-1.29918D-03	2.84608D-04	9.34132D-05	1.33569D-04
204	5.33156D-05	1.22365D-02	-5.80920D-04	2.71886D-04	1.00078D-04	1.65306D-04
205	-1.43951D-04	1.15993D-02	7.42964D-05	2.68952D-04	1.00485D-04	1.66330D-04
206	-1.56007D-03	1.15933D-02	2.59581D-03	2.53392D-04	9.17002D-05	1.73925D-04
207	-2.38678D-03	6.99967D-03	5.27376D-03	2.07458D-04	3.54524D-05	1.84365D-04
208	-8.66663D-04	-2.41169D-09	2.52935D-04	1.22031D-04	-7.89095D-05	8.24619D-05
209	3.42292D-04	-1.85767D-03	4.00565D-03	2.32494D-04	1.84422D-04	-5.15683D-04
210	-1.21631D-03	-1.65591D-03	3.38355D-03	2.40068D-04	1.96375D-04	-5.24486D-04
211	1.04488D-02	-2.13587D-03	8.67225D-03	2.52319D-04	1.96159D-04	-5.39300D-04
212	-2.93571D-03	-1.42659D-03	2.69239D-03	2.36695D-04	2.08781D-04	-5.16216D-04
213	-1.39602D-02	4.17736D-08	-1.70688D-03	1.93206D-04	3.05806D-04	-3.26410D-04
214	3.48232D-04	-1.59498D-08	1.17374D-02	-5.26496D-06	7.67408D-05	-2.58372D-04
215	-4.82327D-03	4.22294D-05	5.04416D-03	2.21053D-04	-1.22820D-04	7.54393D-05
216	-3.69900D-03	1.17366D-03	4.17968D-03	1.97591D-04	-8.54065D-05	8.75768D-05
217	-3.72819D-03	3.22628D-03	5.54095D-03	2.10925D-04	-5.17673D-05	1.04292D-04
218	-2.14249D-03	5.24454D-03	1.34788D-07	6.53540D-05	6.48570D-05	2.11684D-05
219	-1.55398D-03	5.33387D-03	2.06891D-03	-7.12983D-05	5.08611D-05	3.94826D-06
220	-1.54622D-03	5.33430D-03	2.21320D-03	-7.14144D-05	5.07733D-05	4.00711D-06
221	-1.55559D-03	5.34396D-03	1.95698D-03	-7.14132D-05	5.07514D-05	4.06787D-06
222	-1.53813D-03	5.33456D-03	2.35737D-03	-7.15043D-05	5.07065D-05	4.02257D-06
223	-1.46806D-03	5.34153D-03	3.54181D-03	-7.11011D-05	4.85748D-05	4.22739D-06
224	-1.45945D-03	5.34173D-03	3.68497D-03	-7.09877D-05	4.85080D-05	4.22386D-06
225	-1.46827D-03	5.35266D-03	3.44166D-03	-7.09873D-05	4.84689D-05	4.28477D-06
226	-1.45066D-03	5.34175D-03	3.82730D-03	-7.08597D-05	4.84784D-05	4.17021D-06
227	-7.35793D-04	2.71030D-03	2.06799D-03	1.13449D-06	5.39861D-05	-6.57170D-05
228	-3.66353D-03	3.81600D-08	2.93831D-03	1.80494D-04	-9.07435D-05	6.92311D-05
229	-3.31951D-03	-5.05724D-04	1.19156D-03	1.43994D-04	-8.97653D-05	4.84208D-05
230	-3.13579D-03	-5.06189D-04	6.49548D-04	1.28532D-04	-8.77369D-05	4.56823D-05
231	-1.22184D-07	6.63934D-04	1.04325D-08	5.97846D-05	-1.05914D-04	-1.43242D-04
232	1.84757D-03	6.47175D-04	1.11465D-03	-3.96902D-05	2.77933D-05	6.37128D-05
233	1.71894D-03	6.47081D-04	1.03456D-03	-3.98164D-05	2.80590D-05	6.37330D-05
234	1.88880D-03	8.47777D-04	1.05207D-03	-3.98267D-05	2.80814D-05	6.37336D-05
235	1.58999D-03	6.46960D-04	9.54073D-04	-3.99222D-05	2.83034D-05	6.37270D-05

236	1.18222D-10	-5.15553D-04	-8.18399D-10	-3.56900D-05	-3.31586D-05	2.39260D-05
237	2.39815D-05	-5.15611D-04	3.53514D-05	-3.49912D-05	-3.26515D-05	2.40360D-05
238	1.68623D-04	-5.15707D-04	2.42603D-04	-3.40852D-05	-3.19973D-05	2.41779D-05
239	1.68667D-04	-6.69705D-04	4.11234D-05	-3.40852D-05	-3.19858D-05	2.43639D-05
240	3.12922D-04	-5.15635D-04	4.44362D-04	-3.31831D-05	-3.13713D-05	2.40084D-05
241	3.83814D-05	-1.81124D-05	4.04143D-05	1.08566D-05	4.67772D-08	-7.37095D-06
242	1.19583D-05	-3.14298D-05	-5.55830D-07	5.61567D-06	1.14858D-07	-3.39273D-06
243	1.19576D-05	-2.12675D-06	-4.78481D-07	6.20965D-06	-9.57580D-08	-3.83006D-06
244	7.86738D-06	-2.91462D-05	1.33899D-07	-2.25676D-06	-6.50714D-07	8.77103D-07
245	3.89431D-06	-1.47990D-05	8.97073D-08	-2.07819D-06	-5.70500D-07	6.30084D-07
246	-7.54349D-08	-1.48028D-05	-1.30355D-05	-2.08181D-06	-5.70500D-07	6.30108D-07
247	7.08926D-07	-2.86142D-06	4.87629D-08	-1.44588D-06	-3.88168D-07	3.83007D-07
248	7.91872D-06	1.37479D-05	1.45782D-07	-9.65057D-07	6.53332D-07	3.45455D-07
249	3.92623D-06	7.21113D-06	9.90826D-08	-9.55798D-07	5.73770D-07	2.46977D-07
250	2.37622D-06	7.21301D-06	-5.93729D-06	-9.57444D-07	5.73770D-07	2.46318D-07
251	7.17359D-07	1.50027D-06	5.38591D-08	-6.86039D-07	3.90892D-07	1.50129D-07
252	-2.08314D-04	2.77801D-03	-4.26548D-04	3.58619D-04	1.25321D-05	1.50326D-05

M O D A L A N A L Y S I S

MODE NUMBER 35
FREQUENCY= 26.0274 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.54290D-02	-1.31493D-02	-3.84809D-03	-1.01036D-04	-1.80849D-04	3.34834D-05
3	1.63792D-02	-1.11380D-02	6.34437D-04	5.32215D-04	4.15761D-05	1.06497D-05
4	1.62320D-02	-1.11478D-02	1.05950D-02	5.42797D-04	7.97266D-05	1.42165D-05
5	1.50693D-02	-9.46114D-03	1.70957D-02	3.68314D-04	2.05893D-04	1.02135D-04
6	8.56069D-03	-3.60903D-03	8.37931D-03	1.60220D-04	6.06347D-04	1.45246D-04
7	-2.75478D-03	4.12746D-03	-1.22509D-02	3.73190D-05	2.91201D-04	8.46136D-05
8	-9.75508D-04	2.14937D-03	-1.17634D-02	-1.69848D-04	-2.32933D-04	4.99131D-05
9	1.90365D-02	-1.76559D-03	8.82738D-03	-1.39068D-04	-7.58201D-05	2.52675D-04
10	1.93733D-02	4.32809D-08	9.22720D-03	-1.12249D-04	2.85219D-05	2.80533D-04
11	-2.54115D-03	7.60113D-03	6.75032D-04	-1.03597D-04	1.84723D-05	3.93502D-04
12	4.91138D-03	8.24254D-07	7.30704D-04	-5.17422D-05	-1.56625D-04	2.03013D-04
13	7.58878D-03	-2.73999D-04	-7.54195D-04	6.16823D-05	-4.04618D-07	3.10913D-06
14	7.85335D-03	-1.61487D-03	4.79781D-04	-4.51627D-05	-1.13934D-04	-6.24926D-05
15	1.21967D-02	-6.89074D-03	5.44036D-04	-8.34756D-05	2.37078D-05	-1.86566D-04
16	1.03223D-02	-3.91881D-03	3.34639D-03	-8.82513D-05	1.77881D-04	-2.52285D-04
17	1.02437D-02	1.93916D-02	2.02872D-02	-1.30913D-04	9.14985D-05	-1.55320D-04
18	1.02392D-02	2.15658D-02	2.07094D-02	-1.20084D-04	-3.81887D-05	-2.68470D-05
19	9.41569D-03	2.29239D-02	1.99099D-02	-1.35264D-04	-8.56147D-05	4.88139D-05
20	8.66989D-03	2.20068D-02	1.79947D-02	-1.26469D-04	-1.54004D-04	1.73773D-04
21	8.56027D-03	8.23756D-03	8.25685D-03	-1.57406D-04	-1.68374D-04	2.92641D-04
22	3.85797D-03	9.52732D-04	2.51626D-03	-1.13430D-04	-6.78941D-05	2.04448D-04
23	3.78887D-10	2.41349D-10	2.27367D-10	-1.49795D-08	-1.09174D-09	2.29758D-08
25	7.86503D-04	-4.96751D-05	2.51148D-04	-5.80534D-06	-1.45579D-05	9.70095D-06
26	9.92255D-04	-2.72037D-04	-5.87673D-05	-2.90669D-05	-2.13424D-05	1.03375D-05
27	8.73333D-04	-2.71682D-04	-3.85295D-04	-3.02851D-05	-2.26187D-05	1.07839D-05
28	6.37710D-04	-7.87012D-05	-6.67513D-04	-4.17663D-05	-2.71857D-05	3.89952D-06
29	6.36658D-04	-3.82721D-05	-3.62082D-04	-4.34956D-05	-2.79615D-05	2.95463D-06
30	5.55561D-04	-2.04089D-03	-5.93365D-03	-3.46344D-05	4.25437D-05	-1.43679D-05
31	1.38905D-03	4.07434D-05	1.65933D-03	-4.62675D-05	7.48047D-05	4.98179D-05
32	-3.10489D-03	-1.27259D-04	-2.81751D-03	-2.42593D-05	6.82727D-05	3.20021D-06
33	-5.35474D-03	-5.13154D-04	-2.76069D-03	-1.68048D-06	8.07841D-05	-2.85817D-05
34	-8.91497D-03	4.75235D-03	8.57687D-04	-1.74565D-05	-4.67256D-05	-6.37116D-05
35	-7.51326D-03	4.59263D-03	3.94185D-04	-5.36055D-05	-1.34492D-04	-4.50669D-05
36	3.14874D-02	-2.72816D-03	-4.01699D-03	1.58338D-04	2.71257D-03	6.65503D-04
37	7.99347D-02	3.57951D-03	-4.15759D-02	-1.93607D-03	9.10920D-03	9.40500D-05
38	-5.80283D-02	3.59633D-03	-5.42305D-01	-8.42516D-03	2.68043D-02	1.39976D-03
39	9.87957D-02	5.81387D-02	2.04213D-01	9.17147D-03	-2.91527D-03	-3.48112D-03
40	4.60812D-02	7.64467D-02	4.69137D-02	1.51194D-02	-4.58012D-03	-4.56701D-03
41	1.40347D-02	7.64691D-02	-6.13824D-02	1.52363D-02	-3.42031D-03	-4.17216D-03
42	5.71280D-03	2.00694D-01	-1.93271D-01	1.23862D-02	5.26414D-05	-1.49887D-03
43	-5.33424D-03	3.98119D-01	-1.93546D-01	1.16610D-02	8.40775D-04	1.00981D-03
44	-1.28352D-02	4.43072D-01	-1.89178D-01	7.05509D-03	1.09635D-04	7.89843D-03
45	-1.70465D-02	1.84791D-01	7.30761D-02	1.78760D-04	2.54967D-05	-2.55604D-03
46	-1.69890D-02	1.89423D-01	7.25236D-02	-1.18025D-04	-4.35190D-04	-8.91167D-04
47	3.20257D-03	-1.06876D-02	-9.34513D-03	2.01750D-04	5.60950D-05	4.36995D-04
48	2.87227D-03	-1.21604D-02	-8.82800D-03	2.86273D-04	9.06483D-05	3.03529D-04
49	-4.49076D-03	-4.49973D-03	-2.02335D-03	1.47046D-04	-1.44095D-05	1.99756D-04
50	-2.57411D-03	-2.35473D-03	-1.55233D-03	2.93737D-05	-1.24356D-04	1.75115D-04
51	-2.06269D-03	-1.46413D-03	-9.75530D-04	2.51022D-05	-1.22682D-04	1.73347D-04

52	-2.59334D-05	2.99250D-09	-1.38996D-05	-4.81196D-07	-7.98769D-06	5.10359D-06
53	-2.47924D-11	2.49795D-14	-2.03967D-11	-9.49997D-11	-6.92234D-10	6.24542D-10
54	-3.67734D-03	5.58384D-05	-2.69067D-03	1.38213D-04	1.21068D-05	1.47161D-04
55	-6.08786D-03	7.79736D-03	-3.43325D-03	2.27111D-04	1.42977D-04	1.32900D-04
56	-7.65605D-03	1.00592D-02	-2.81932D-03	2.81124D-04	5.96221D-05	1.06673D-04
57	-6.82024D-03	-4.69689D-04	-6.03057D-03	2.52116D-04	-2.98770D-06	1.80479D-04
58	-3.84203D-03	-2.14727D-03	-7.67486D-03	1.71558D-04	2.66353D-05	4.34053D-04
59	3.48211D-03	-2.28293D-03	-1.03717D-02	1.74539D-04	3.34236D-05	4.74436D-04
60	1.27664D-02	-1.76978D-03	5.74603D-03	-1.43368D-04	-4.49765D-05	3.06546D-04
61	6.25251D-03	-1.58033D-03	3.16690D-03	-1.66823D-04	5.49856D-05	4.76912D-04
62	5.08399D-03	-7.00944D-05	2.69066D-03	-1.29816D-04	-1.39261D-05	2.95914D-04
63	5.01369D-03	8.12946D-04	2.32106D-03	-2.12920D-04	6.52385D-05	4.39932D-05
64	5.02810D-03	-5.47438D-04	-3.52597D-03	-1.33753D-04	7.66707D-05	-3.91333D-05
65	4.59498D-03	-6.35886D-04	-5.39535D-03	-3.08950D-05	1.05758D-06	7.82914D-05
66	1.97382D-03	-6.49676D-04	-6.02118D-03	-1.58337D-05	-1.01555D-05	9.03113D-05
67	1.08388D-03	-1.07639D-04	-5.86362D-03	3.26239D-06	-5.33606D-05	7.01963D-05
68	6.74236D-03	3.60506D-03	-2.35655D-03	-3.97317D-05	2.43953D-05	9.12606D-06
69	6.21906D-03	3.08409D-03	-2.45536D-03	-9.23890D-05	9.85611D-05	-1.01696D-05
70	2.38849D-03	-9.33258D-04	-2.39550D-03	-9.74387D-05	5.04028D-05	-4.17117D-05
71	2.12576D-03	-2.07918D-03	-1.81656D-03	-1.19724D-04	-4.99610D-05	-4.41325D-05
72	1.77313D-03	-2.27037D-03	-2.84086D-04	-4.40014D-05	-3.44358D-05	-1.20756D-05
73	8.20130D-04	-2.31657D-03	-1.88107D-03	3.47921D-05	-2.44001D-05	-1.01914D-05
74	6.55357D-04	-2.20604D-03	-1.82677D-03	5.67300D-06	-2.81123D-05	2.91428D-05
76	2.33809D-03	2.15914D-04	-7.94121D-04	-8.16204D-05	4.92038D-05	-2.29362D-05
77	2.29408D-03	5.34282D-04	4.57346D-04	-7.06565D-05	4.62517D-05	-2.76745D-07
78	3.12026D-04	-8.18589D-04	1.20947D-04	-4.10200D-05	3.91545D-05	9.58259D-05
79	-1.17312D-03	-7.58155D-04	-7.99734D-04	3.60912D-05	-3.69821D-05	-4.54412D-05
80	-7.20972D-05	-8.62627D-05	-3.60202D-06	8.00194D-06	-5.40641D-06	-8.48383D-06
82	-2.57875D-04	2.22351D-04	-2.62696D-04	1.79422D-05	1.54947D-05	-1.80434D-05
83	-3.67046D-04	1.64495D-04	-3.87526D-04	5.43449D-06	5.22710D-06	-1.11597D-05
84	-3.90620D-04	2.41181D-05	-4.54445D-04	-1.91284D-06	3.27472D-06	-6.21168D-06
85	-3.83411D-04	6.29226D-06	-4.31534D-04	-8.49138D-06	-1.25980D-06	6.62535D-06
86	-6.96135D-06	5.49240D-06	-1.49642D-07	-4.11988D-06	-6.18078D-08	3.03135D-06
87	-6.66933D-06	2.06140D-05	4.81514D-07	-8.49908D-07	2.17520D-07	-5.80222D-08
88	-4.91740D-06	1.68861D-05	-7.58294D-08	1.16716D-06	3.80156D-07	-4.43340D-07
90	-6.73516D-06	-1.24856D-05	3.53295D-07	-1.28196D-06	-1.76152D-07	2.84114D-07
91	-5.08511D-06	-1.16644D-05	-1.11668D-07	7.56184D-07	-3.87336D-07	-2.44651D-07
93	2.72829D-03	-2.65447D-03	-6.38004D-04	-1.20984D-04	-1.38751D-04	3.44954D-05
94	1.16188D-02	-1.04349D-02	-2.88349D-03	-1.41351D-04	-1.98806D-04	4.30112D-05
95	1.16156D-02	-5.89337D-03	1.39977D-02	1.91723D-04	5.68922D-04	1.34996D-04
96	1.91948D-02	-3.53300D-03	2.66179D-03	1.57051D-04	1.91429D-03	4.63882D-04
97	5.52164D-03	-1.48684D-03	2.82048D-03	1.34508D-04	5.42682D-04	1.33047D-04
98	3.37175D-03	-1.33992D-09	-1.10532D-03	1.14206D-04	4.91705D-04	1.23217D-04
99	7.67142D-03	-1.48636D-03	-2.36008D-03	-1.87679D-04	-2.98151D-04	9.81328D-05
100	1.33862D-02	-2.78285D-03	3.03085D-03	-1.78659D-04	-2.62990D-04	1.48708D-04
101	1.81751D-02	-2.45911D-03	7.92549D-03	-1.51855D-04	-1.36920D-04	2.23286D-04
102	1.94058D-02	-7.69751D-04	9.23459D-03	-1.22969D-04	-1.34364D-05	2.69409D-04
103	1.63078D-02	-1.76768D-03	7.42486D-03	-1.40414D-04	-6.16250D-05	2.80396D-04
104	-2.53630D-03	6.67314D-03	6.85219D-04	-1.15956D-04	-5.34055D-05	3.97150D-04
105	-9.96069D-04	4.16212D-03	6.91784D-04	-1.22197D-04	-1.03685D-04	3.99227D-04
106	-1.27995D-02	5.17951D-03	-2.56355D-03	-1.30024D-04	-1.03027D-04	4.39599D-04
107	1.89250D-03	1.60368D-03	7.10309D-04	-1.05063D-04	-1.44293D-04	3.19191D-04
108	7.61234D-03	-1.26249D-04	-6.33069D-04	5.83877D-05	1.84300D-05	1.61833D-06
109	7.14289D-03	9.10356D-05	-6.28144D-04	1.75447D-05	1.07545D-04	6.84768D-05
110	6.76325D-03	1.18656D-04	-6.26023D-04	1.02078D-05	1.39606D-04	9.71304D-05
111	5.98172D-03	1.43372D-04	-6.22653D-04	1.10772D-05	1.82161D-04	1.42499D-04
112	4.81436D-03	2.23346D-04	-6.19988D-04	2.28024D-05	2.01924D-04	1.71728D-04
113	-1.03998D-03	4.27957D-05	2.45026D-03	1.36591D-04	2.11657D-04	2.19838D-04
114	3.56853D-03	2.59838D-04	-6.20046D-04	-3.29885D-06	2.10975D-04	1.73258D-04
115	3.00381D-03	2.19884D-04	-6.20083D-04	-1.78743D-05	2.16181D-04	1.74571D-04

116	2.26121D-03	1.23213D-04	-6.20122D-04	-2.96186D-05	2.20489D-04	1.76259D-04
117	1.50763D-03	9.42968D-09	-6.20144D-04	-3.35832D-05	2.22103D-04	1.76259D-04
118	2.77583D-03	1.23221D-04	-5.46313D-04	-2.68973D-05	2.09625D-04	2.12222D-04
119	-1.86030D-04	-2.56235D-04	-6.20163D-04	-3.36090D-05	2.22121D-04	1.76259D-04
120	4.06005D-03	1.23237D-04	-4.12647D-04	-2.34350D-05	1.87380D-04	2.57379D-04
121	4.60467D-03	6.36031D-05	-3.21028D-04	-2.32328D-05	1.85732D-04	2.59911D-04
122	7.64145D-03	-8.03682D-07	-2.98658D-04	5.47509D-05	3.63875D-05	1.68027D-05
123	7.69469D-03	-8.28446D-04	7.11354D-04	4.78410D-05	5.59209D-05	5.12485D-05
124	7.81699D-03	-3.65349D-03	3.31608D-03	3.03844D-05	2.23132D-05	2.50885D-05
125	7.84023D-03	-3.84941D-03	3.48311D-03	2.67476D-05	6.82696D-07	-4.01417D-07
126	7.87698D-03	-3.51561D-03	3.22029D-03	2.22379D-05	-3.49113D-05	-4.42727D-05
127	9.99654D-03	-3.46065D-03	4.14508D-03	3.39973D-05	-3.74764D-05	-7.47697D-05
128	7.86617D-03	-2.54934D-03	2.08196D-03	-6.18992D-06	-7.03823D-05	-5.03121D-05
129	7.86190D-03	-2.24326D-03	1.60176D-03	-1.99450D-05	-8.62931D-05	-5.42400D-05
130	6.32434D-03	-1.06113D-03	4.66560D-04	-5.48638D-05	-1.45578D-04	-5.61216D-05
131	9.08530D-03	-2.17549D-03	4.89253D-04	-5.39305D-05	-1.01808D-04	-8.04506D-05
132	1.03156D-02	1.40650D-07	6.21930D-03	-9.51100D-05	1.96190D-04	-2.67121D-04
133	8.64154D-03	1.88882D-02	1.54239D-02	-1.35187D-04	-1.73170D-04	2.24208D-04
134	3.41783D-03	9.72732D-08	4.46018D-04	-6.90667D-05	-1.74487D-04	-4.62754D-05
135	6.23122D-04	1.16208D-03	4.27787D-04	-7.71135D-05	-1.81332D-04	-3.75877D-05
136	-3.23025D-03	2.84343D-03	4.07991D-04	-7.58554D-05	-1.71608D-04	-3.04056D-05
137	-2.92615D-03	3.02839D-03	-2.08755D-03	-8.27731D-05	-1.72517D-04	-2.20305D-05
138	-6.64262D-03	4.25439D-03	3.97945D-04	-6.03843D-05	-1.48076D-04	-4.02583D-05
139	-8.90036D-03	2.62775D-03	8.09490D-04	1.02925D-05	3.97991D-05	-7.13791D-05
140	-6.51654D-03	1.39278D-07	-1.59516D-03	6.73301D-06	8.17279D-05	-4.50334D-05
141	-5.81534D-03	-3.40709D-04	-2.29876D-03	1.71465D-06	8.13903D-05	-3.43785D-05
142	-5.90622D-03	-3.13584D-05	-2.42971D-03	9.03522D-05	-2.79648D-05	-2.27671D-05
143	-5.78889D-03	1.51815D-04	-2.32961D-03	9.52869D-05	-6.83839D-05	-5.08369D-05
144	-5.43963D-03	2.22006D-04	-2.00770D-03	6.25468D-05	-1.23922D-04	-1.35846D-04
145	-4.83285D-03	-3.04302D-04	-1.42251D-03	5.21337D-06	-1.51853D-04	-2.26855D-04
146	1.04674D-02	-6.08115D-04	-9.26369D-03	-4.24527D-04	-1.73798D-04	-7.10993D-04
147	-4.15884D-03	-7.70143D-04	-7.48018D-04	9.36523D-05	-1.63016D-04	-1.40701D-04
148	-3.84689D-03	-7.09468D-04	-4.35857D-04	1.43358D-04	-1.69387D-04	-9.29555D-05
149	-3.43160D-03	-4.17398D-04	-2.03365D-05	1.83860D-04	-1.74617D-04	-5.49745D-05
150	-3.00702D-03	-4.46209D-08	4.04359D-04	1.97091D-04	-1.76508D-04	-4.17430D-05
151	-3.62806D-03	-4.17431D-04	-5.28402D-04	2.01480D-04	-1.63134D-04	-9.10710D-05
152	-2.05558D-03	8.38156D-04	1.35591D-03	1.97151D-04	-1.76458D-04	-4.16834D-05
153	-4.26183D-03	-4.17493D-04	-1.68150D-03	2.23460D-04	-1.39620D-04	-1.36553D-04
154	-4.55713D-03	-2.61958D-04	-2.31460D-03	2.24669D-04	-1.37878D-04	-1.39128D-04
155	-2.67339D-03	-3.20093D-08	-2.38759D-03	-2.73339D-05	6.61565D-05	1.06653D-05
156	-9.31772D-04	1.92184D-04	-6.53106D-04	-4.15642D-05	6.54954D-05	4.21067D-05
157	3.62971D-05	1.36583D-04	3.31909D-04	-4.69402D-05	6.96012D-05	5.10861D-05
158	-1.33467D-03	3.06172D-04	-1.13226D-03	-5.04497D-05	6.95644D-05	5.52141D-05
159	1.14337D-03	6.73752D-05	1.41308D-03	-4.61488D-05	7.33955D-05	5.08585D-05
160	1.90410D-03	3.10213D-08	2.17922D-03	-4.74382D-05	7.55420D-05	4.67265D-05
161	4.40341D-03	3.21309D-04	5.12230D-03	-5.22969D-05	8.22245D-06	2.95484D-05
162	2.63301D-03	-1.66549D-08	1.37766D-03	-4.11146D-05	-8.79828D-05	3.51459D-05
163	2.09167D-03	-3.50442D-04	-6.67216D-05	-3.80617D-05	-9.28061D-05	3.74462D-05
164	1.74357D-03	-6.34788D-04	-1.10054D-03	-3.64578D-05	-9.25033D-05	3.75402D-05
165	5.98610D-04	-2.09277D-03	-5.90667D-03	-3.32450D-05	-4.40896D-05	1.85819D-05
166	-4.82045D-02	3.59655D-03	-4.84357D-01	-8.25634D-03	2.66124D-02	1.41174D-03
167	-7.04829D-02	3.75860D-03	-6.21554D-01	-8.75975D-03	2.67917D-02	1.43762D-03
168	-1.29631D-02	6.67800D-03	-3.29993D-01	-8.03334D-03	2.67294D-02	1.30632D-03
169	5.43636D-02	1.24869D-02	-1.15604D-02	-4.34272D-03	1.94338D-02	3.87917D-04
170	1.05888D-01	4.19812D-02	2.35832D-01	5.81442D-03	-1.09972D-03	-2.44447D-03
171	1.00158D-01	4.19917D-02	2.21715D-01	3.03851D-03	-1.09972D-03	-1.16661D-03
172	9.81379D-02	4.20000D-02	2.15969D-01	1.49858D-03	-1.09972D-03	-4.57447D-04
173	9.61296D-02	4.20041D-02	2.09019D-01	1.30997D-03	-1.09972D-03	-3.70508D-04
174	9.37949D-02	4.20049D-02	2.00532D-01	1.23546D-03	-1.09972D-03	-3.35653D-04
175	1.02917D-01	4.94546D-02	2.22713D-01	7.49241D-03	-2.33414D-03	-2.96584D-03

176	3.17615D-02	7.64568D-02	1.03285D-06	1.52279D-02	-4.08306D-03	-4.43927D-03
177	-1.40390D-02	4.91136D-07	-1.66668D-01	5.19404D-03	1.35511D-03	6.20191D-03
178	-1.56083D-02	-8.30148D-02	-1.03711D-07	2.65397D-03	2.13365D-03	-2.85029D-03
179	1.08272D-02	1.58084D-07	-2.58108D-02	-6.26662D-04	-5.75811D-04	1.49285D-03
180	1.41814D-03	2.86067D-02	-3.92888D-03	2.30009D-04	1.99226D-04	-4.53719D-04
181	8.08310D-04	3.26609D-02	-2.64234D-03	1.89378D-04	9.55074D-05	-2.52775D-04
182	3.56700D-03	4.22378D-03	-1.07193D-02	1.62496D-04	1.26254D-05	4.95443D-04
183	3.54104D-03	1.24082D-03	-1.06028D-02	1.67423D-04	2.20245D-05	4.87629D-04
184	-2.38319D-05	-2.28841D-03	-9.10072D-03	1.70243D-04	3.01256D-05	4.57186D-04
185	3.39265D-03	-5.66093D-03	-1.00354D-02	1.84637D-04	4.41845D-05	4.61425D-04
186	-2.58917D-03	-6.50084D-03	-3.79407D-03	2.84819D-04	7.27643D-05	1.96501D-04
187	-3.11621D-03	-5.61391D-03	-3.29714D-03	2.70093D-04	6.26151D-05	1.95148D-04
188	-3.54758D-03	-4.91118D-03	-2.91064D-03	2.51047D-04	5.27986D-05	1.98508D-04
189	-2.31808D-03	-1.91158D-03	-1.26681D-03	2.72527D-05	-1.23829D-04	1.74230D-04
190	5.88267D-04	-1.62874D-08	-4.01921D-08	-3.74366D-05	5.82306D-05	-1.89136D-05
191	6.33420D-04	1.33722D-08	1.47558D-04	-4.29118D-05	-2.83134D-05	3.83496D-06
192	6.34658D-04	-1.62333D-05	-4.22868D-05	-4.31286D-05	-2.84253D-05	3.21062D-06
193	6.63842D-04	-3.08649D-05	-8.76400D-04	-6.11239D-05	-2.47831D-05	-5.47138D-06
194	5.58577D-04	-2.17687D-05	1.70799D-04	-4.14473D-06	-1.30535D-05	8.04031D-06
195	1.28704D-04	4.39483D-06	3.93581D-05	-1.23400D-06	-7.23907D-06	3.69163D-06
196	-2.66662D-03	5.44421D-05	-3.63666D-03	1.32138D-04	1.17054D-05	1.42776D-04
197	-5.19372D-03	1.21814D-04	-1.32008D-03	1.37507D-04	1.22150D-05	1.49958D-04
198	-3.75803D-03	1.54107D-03	-2.71581D-03	1.45879D-04	1.47120D-05	1.47416D-04
199	-7.80410D-03	9.89566D-03	-2.38619D-03	2.80675D-04	4.38461D-05	1.08278D-04
200	-7.98604D-03	9.40240D-03	-1.88504D-03	2.75936D-04	1.68637D-05	1.24050D-04
201	-7.59264D-03	9.40305D-03	-2.82963D-03	2.91995D-04	8.74156D-06	1.15511D-04
202	-7.35809D-03	9.40341D-03	-3.44022D-03	2.98319D-04	3.68240D-06	1.13018D-04
203	-6.90317D-03	9.32018D-03	-4.66357D-03	3.02292D-04	-5.34174D-06	1.20626D-04
204	-6.89861D-03	8.96954D-03	-4.67937D-03	2.92334D-04	5.54722D-06	1.61717D-04
205	-6.91692D-03	8.47893D-03	-4.60703D-03	3.01063D-04	1.06669D-05	1.40613D-04
206	-8.03540D-03	8.47314D-03	-1.80850D-03	2.68481D-04	-5.71858D-06	1.47517D-04
207	-7.81687D-03	5.60154D-03	-2.65659D-03	2.65677D-04	-3.46804D-05	1.51357D-04
208	-6.82770D-03	8.52730D-09	-6.00977D-03	2.55249D-04	-7.43863D-06	1.70951D-04
209	5.30666D-03	-1.10178D-03	2.79055D-03	-1.68618D-04	3.66221D-05	4.92696D-04
210	5.00246D-03	-8.46222D-04	2.66846D-03	-1.68673D-04	3.22656D-05	4.94335D-04
211	-5.80170D-03	-4.23398D-04	-1.01427D-03	-1.70126D-04	3.21994D-05	5.02668D-04
212	4.76319D-03	-5.90158D-04	2.57137D-03	-1.66773D-04	2.76539D-05	4.87063D-04
213	4.95438D-03	-2.02259D-08	2.64007D-03	-1.35307D-04	-1.53872D-05	3.26698D-04
214	1.22234D-03	1.80259D-08	-5.78142D-03	3.97669D-06	-5.45269D-05	6.99556D-05
215	3.07500D-03	2.57733D-05	-2.41017D-03	-1.00204D-04	7.70851D-05	-3.42169D-05
216	2.37310D-03	-5.09103D-04	-1.89283D-03	-9.24955D-05	5.01518D-05	-3.82036D-05
217	2.39132D-03	-1.41089D-03	-2.74838D-03	-9.92302D-05	3.49131D-05	-4.56911D-05
218	1.71006D-03	-2.27412D-03	-7.09575D-08	-3.57387D-05	-3.38492D-05	-1.08438D-05
219	1.10716D-03	-2.31323D-03	-8.68580D-04	3.49072D-05	-2.60270D-05	-9.19541D-06
220	1.08873D-03	-2.31342D-03	-9.39268D-04	3.49852D-05	-2.59780D-05	-9.26418D-06
221	1.09169D-03	-2.35769D-03	-8.07684D-04	3.49846D-05	-2.59689D-05	-9.29135D-06
222	1.07001D-03	-2.31353D-03	-1.00996D-03	3.50497D-05	-2.59376D-05	-9.31189D-06
223	9.06042D-04	-2.31648D-03	-1.59649D-03	3.53701D-05	-2.46498D-05	-1.03426D-05
224	8.85130D-04	-2.31656D-03	-1.66776D-03	3.53266D-05	-2.46094D-05	-1.03589D-05
225	8.87491D-04	-2.36671D-03	-1.54406D-03	3.53264D-05	-2.45915D-05	-1.03863D-05
226	8.64061D-04	-2.31657D-03	-1.73867D-03	3.52747D-05	-2.45861D-05	-1.03496D-05
227	3.45741D-04	-1.24788D-03	-9.57289D-04	-3.04585D-08	-2.51091D-05	2.98440D-05
228	2.35110D-03	-1.38613D-08	-1.19475D-03	-8.56056D-05	4.96579D-05	-2.94712D-05
229	2.20574D-03	2.16339D-04	-3.17148D-04	-6.87164D-05	4.74486D-05	-2.04068D-05
230	2.12776D-03	2.16601D-04	-5.87030D-05	-6.10900D-05	4.63473D-05	-2.00197D-05
231	7.59026D-08	-8.18337D-04	-2.63895D-09	-4.02292D-05	3.82772D-05	9.33553D-05
232	-1.57207D-03	-7.60477D-04	-1.10651D-03	3.47026D-05	-3.55676D-05	-4.53486D-05
233	-1.48039D-03	-7.60286D-04	-1.03643D-03	3.48655D-05	-3.57143D-05	-4.54072D-05
234	-1.68697D-03	-9.38735D-04	-1.05457D-03	3.48772D-05	-3.57348D-05	-4.54077D-05
235	-1.38833D-03	-7.60064D-04	-9.65861D-04	3.50082D-05	-3.58415D-05	-4.54450D-05

236	-7.53127D-11	2.22277D-04	4.06576D-10	1.95997D-05	1.67154D-05	-1.85903D-05
237	-1.86198D-05	2.22317D-04	-1.94252D-05	1.92366D-05	1.64401D-05	-1.85493D-05
238	-1.29798D-04	2.22384D-04	-1.33446D-04	1.87654D-05	1.60849D-05	-1.84776D-05
239	-1.29833D-04	3.39660D-04	-3.21939D-05	1.87654D-05	1.60757D-05	-1.85737D-05
240	-2.39797D-04	2.22363D-04	-2.44598D-04	1.82983D-05	1.57524D-05	-1.82240D-05
241	-2.36877D-05	5.56168D-06	-2.11084D-05	-5.68739D-06	-1.64760D-07	4.67994D-06
242	-6.89255D-06	1.48620D-05	4.64247D-07	-2.93581D-06	-9.01706D-08	2.29678D-06
243	-6.88856D-06	-4.55751D-06	2.06173D-07	-3.11814D-06	2.54422D-08	2.43101D-06
244	-4.45480D-06	1.53508D-05	-6.33013D-08	1.19481D-06	3.69870D-07	-3.63723D-07
245	-2.20249D-06	7.78013D-06	-4.22624D-08	1.09610D-06	3.23372D-07	-2.61002D-07
246	-5.59538D-07	7.78221D-06	6.88078D-06	1.09805D-06	3.23372D-07	-2.60851D-07
247	-3.99610D-07	1.49769D-06	-2.29729D-08	7.61285D-07	2.19768D-07	-1.58654D-07
248	-4.60917D-06	-1.06215D-05	-9.36988D-08	7.98093D-07	-3.79269D-07	-2.00370D-07
249	-2.28766D-06	-5.44957D-06	-6.35228D-08	7.51365D-07	-3.33721D-07	-1.43239D-07
250	-1.38876D-06	-5.45102D-06	4.68197D-06	7.52684D-07	-3.33721D-07	-1.42851D-07
251	-4.19083D-07	-1.07962D-06	-3.45296D-08	5.27904D-07	-2.27565D-07	-8.70702D-08
252	-4.01483D-03	3.55497D-03	-2.79636D-03	1.86373D-04	6.91872D-05	1.45463D-04

M O D A L A N A L Y S I S

MODE NUMBER 36
FREQUENCY= 26.4637 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-8.44930D-04	-4.57782D-03	1.71710D-04	-6.41873D-05	3.89833D-05	-6.12052D-05
3	-1.19105D-03	-4.36413D-03	1.26817D-03	1.34086D-04	1.52413D-04	-1.03053D-04
4	7.78695D-04	-4.36512D-03	3.79386D-03	1.54484D-04	1.79359D-04	-1.13283D-04
5	2.22548D-03	-4.35170D-03	6.21172D-03	3.01151D-04	1.66244D-04	-1.35834D-04
6	7.87752D-04	-2.31350D-03	4.14509D-03	4.06872D-04	1.87960D-04	-1.03802D-04
7	-3.79650D-03	-1.10514D-03	-4.38676D-03	2.95898D-04	1.58480D-04	-1.63460D-04
8	-6.39192D-03	-3.91884D-03	-9.23314D-03	1.38999D-04	-8.09007D-05	-1.63010D-04
9	1.46922D-03	-8.33539D-04	-1.48042D-03	1.07278D-04	-6.94553D-05	-2.54164D-05
10	2.33299D-03	-3.77671D-08	-6.66554D-04	8.53188D-05	-6.23372D-05	-4.41207D-05
11	3.88309D-03	-8.47982D-04	9.82830D-04	1.22590D-05	9.66780D-05	-1.54595D-04
12	-5.96586D-03	-1.05931D-07	9.34424D-04	8.91044D-07	1.49786D-04	-9.23189D-05
13	-8.45618D-03	2.85132D-04	2.52599D-03	-3.45451D-05	2.56767D-05	2.48296D-06
14	-8.51009D-03	-2.92137D-03	3.40441D-03	-6.45413D-05	8.49230D-05	-6.95362D-05
15	-9.26691D-03	-1.42335D-03	3.38811D-03	7.22250D-05	-5.24030D-05	-2.00326D-05
16	-7.50306D-03	4.25754D-04	1.33622D-03	8.70628D-05	-1.06306D-04	2.17545D-05
17	-7.39232D-03	-5.87027D-03	-6.67004D-03	9.93455D-05	-2.78062D-05	6.62055D-05
18	-7.24812D-03	-7.21543D-03	-6.58372D-03	9.49942D-05	3.72002D-05	2.74424D-05
19	-6.61204D-03	-8.53311D-03	-5.97653D-03	9.65804D-05	5.39490D-05	1.49666D-06
20	-6.20388D-03	-8.74280D-03	-5.06749D-03	8.47046D-05	5.82892D-05	-4.99788D-05
21	-6.09216D-03	-3.82846D-03	-2.25451D-03	6.97145D-05	3.66208D-05	-1.24692D-04
22	-3.02136D-03	-3.03518D-04	-8.10936D-04	3.93887D-05	-6.75323D-06	-1.28219D-04
23	-3.66374D-10	-5.70896D-11	-5.81063D-11	4.69894D-09	-3.47842D-09	-1.68424D-08
25	7.75237D-03	1.70892D-02	3.97050D-03	3.98048D-04	-2.58939D-04	3.28672D-04
26	1.02650D-02	4.23075D-02	4.01937D-02	1.71786D-03	-1.00682D-03	4.17977D-04
27	5.40805D-03	4.22620D-02	5.95184D-02	1.65752D-03	-1.10144D-03	3.94657D-04
28	6.89187D-03	3.15094D-02	9.51879D-02	-4.11431D-05	-3.79911D-04	-1.01842D-03
29	6.81836D-03	1.97231D-02	9.95301D-02	-2.94330D-04	-3.32543D-04	-1.04882D-03
30	3.87022D-03	-9.83938D-02	-5.37680D-02	1.27099D-04	1.66776D-04	-8.56563D-04
31	3.07407D-03	-1.42275D-03	1.91902D-02	-6.97214D-04	4.10364D-04	5.54104D-04
32	-6.12247D-03	8.11940D-04	1.01207D-02	-2.00007D-04	-8.68573D-05	3.15676D-04
33	-1.58348D-03	-1.78823D-04	9.88657D-03	3.41156D-05	-1.56661D-04	8.76751D-05
34	5.40331D-03	8.85103D-03	3.15290D-03	-6.40131D-05	5.20984D-06	-2.39718D-04
35	4.78276D-03	9.10529D-03	3.34333D-03	-1.12253D-04	8.41352D-05	-2.65677D-04
36	2.81058D-03	-1.35085D-02	3.04325D-03	7.51957D-04	1.10291D-04	-3.39420D-04
37	4.95923D-03	-2.14139D-02	8.91454D-03	3.04917D-04	-1.28241D-04	-8.75516D-05
38	1.14359D-02	-2.25422D-02	1.57762D-02	2.47569D-04	-8.82826D-04	-2.24850D-04
39	7.57602D-03	-6.09897D-03	-1.07385D-03	3.97473D-04	4.16886D-04	-4.30342D-04
40	3.12449D-03	-1.91170D-03	1.34919D-03	4.55955D-04	7.21561D-04	-6.37039D-04
41	-1.38829D-03	-1.91803D-03	-2.05554D-03	5.11867D-04	7.64661D-04	-6.10595D-04
42	-1.17071D-02	4.86808D-03	-8.19262D-03	8.36763D-04	6.46624D-04	-1.95036D-04
43	-2.20702D-02	1.90049D-02	-8.24322D-03	9.02096D-04	5.59832D-04	4.94529D-05
44	-2.38529D-02	2.57400D-02	-9.11273D-03	1.02314D-03	-4.39376D-04	4.51589D-04
45	-2.37370D-02	7.41478D-03	7.45930D-02	3.03424D-03	1.70162D-04	2.94958D-04
46	-2.35813D-02	7.57164D-03	7.39840D-02	3.03940D-03	-6.50894D-04	4.93435D-04
47	7.43174D-02	-1.37975D-01	-2.14099D-01	6.52183D-03	1.52740D-03	4.86384D-03
48	6.61494D-02	-1.43249D-01	-2.01224D-01	6.32338D-03	2.14670D-03	4.88752D-03
49	-1.02536D-01	-9.44780D-02	-4.56175D-02	2.51705D-03	-3.28006D-04	4.54300D-03
50	-5.94133D-02	-5.45018D-02	-3.50471D-02	5.80984D-04	-2.80263D-03	4.04115D-03
51	-4.78910D-02	-3.42215D-02	-2.20541D-02	5.01217D-04	-2.76668D-03	4.00285D-03

52	-5.97256D-04	-8.68941D-06	-3.03497D-04	-1.06160D-05	-1.76094D-04	1.21512D-04
53	-5.58443D-10	-7.25338D-11	-4.45019D-10	-2.08592D-09	-1.52608D-08	1.48061D-08
54	-3.35626D-02	2.94897D-02	-2.52947D-02	1.37419D-02	3.62483D-04	5.24826D-03
55	-6.16182D-02	5.74173D-01	-3.59888D-02	2.02561D-02	1.24030D-03	5.60899D-03
56	-6.77523D-02	8.83119D-01	-3.50539D-02	2.09854D-02	1.40219D-03	5.97378D-03
57	-7.66077D-02	-2.71110D-02	-1.44356D-02	1.11537D-02	-4.53416D-03	8.73779D-03
58	-2.36420D-03	-7.23701D-02	-1.22982D-01	7.90940D-03	-3.33286D-04	5.74540D-03
59	8.25085D-02	-7.79274D-02	-2.43382D-01	6.93689D-03	1.10238D-03	4.84650D-03
60	1.02007D-03	-8.35663D-04	1.23942D-03	1.21037D-04	-6.53964D-05	4.57825D-05
61	-9.39266D-04	6.25501D-04	2.55613D-03	-3.46520D-05	-2.01287D-05	1.77206D-04
62	3.61009D-03	-4.07018D-04	4.42231D-03	-9.75123D-05	-7.01383D-05	1.04529D-04
63	3.85064D-03	-5.48115D-04	4.30614D-03	-1.20867D-04	7.72035D-05	1.63653D-05
64	3.87145D-03	-9.35690D-04	-3.34963D-03	-7.74706D-05	1.05107D-04	-1.08031D-05
65	3.53964D-03	-8.45507D-04	-5.02699D-03	-2.17310D-06	3.42173D-05	4.63079D-05
66	2.00173D-03	-8.48733D-04	-4.88564D-03	8.94301D-06	1.64465D-05	5.40175D-05
67	1.30426D-03	-1.38121D-04	-4.49093D-03	3.04051D-05	-3.39538D-05	4.02521D-05
68	5.59193D-03	3.42658D-03	-1.83850D-03	-3.68870D-05	1.91618D-05	2.73690D-06
69	5.16866D-03	2.93416D-03	-1.91868D-03	-8.53394D-05	8.03393D-05	-1.33867D-05
70	2.02064D-03	-7.60771D-04	-1.87315D-03	-8.77324D-05	4.30192D-05	-3.50130D-05
71	1.79644D-03	-1.73368D-03	-1.46337D-03	-1.01773D-04	-3.39060D-05	-3.77431D-05
72	1.49489D-03	-1.89746D-03	-2.32258D-04	-3.63648D-05	-2.02433D-05	-1.03109D-05
73	6.62286D-04	-1.93810D-03	-1.48314D-03	2.80904D-05	-1.58323D-05	-9.09287D-06
74	5.30555D-04	-1.85190D-03	-1.47610D-03	3.33025D-06	-2.20452D-05	2.37905D-05
76	1.97931D-03	1.69849D-04	-5.20446D-04	-7.39979D-05	4.11213D-05	-1.78359D-05
77	1.94303D-03	3.94248D-04	5.16424D-04	-6.45438D-05	3.80618D-05	1.40674D-06
78	2.64147D-04	-7.63477D-04	1.13424D-04	-3.83625D-05	3.10622D-05	8.12857D-05
79	-1.07988D-03	-7.11059D-04	-7.54715D-04	3.41659D-05	-3.49583D-05	-3.98549D-05
80	-6.76252D-05	-7.98502D-05	-3.51189D-06	7.45392D-06	-5.15820D-06	-7.52194D-06
82	-2.29592D-04	1.75478D-04	-2.73191D-04	1.87148D-05	1.12187D-05	-1.60475D-05
83	-3.21003D-04	1.29331D-04	-3.84224D-04	6.90200D-06	2.24708D-06	-9.75861D-06
84	-3.28582D-04	1.86346D-05	-4.06041D-04	-3.25195D-07	8.58491D-07	-5.29770D-06
85	-3.19951D-04	4.89819D-06	-3.81037D-04	-7.01877D-06	-2.77008D-06	5.44884D-06
86	-5.69795D-06	4.27554D-06	-4.15305D-07	-3.77568D-06	-1.35655D-07	2.50234D-06
87	-5.47252D-06	1.69868D-05	4.25882D-07	-8.91021D-07	1.78017D-07	-8.09296D-08
88	-4.01718D-06	1.41774D-05	-5.01459D-08	9.63563D-07	3.11416D-07	-4.12007D-07
90	-5.61615D-06	-1.06592D-05	1.46264D-07	-1.22743D-06	-8.76042D-08	1.85572D-07
91	-4.38215D-06	-1.01130D-05	-1.27305D-07	6.43653D-07	-3.27274D-07	-2.57173D-07
93	6.93554D-05	-8.53557D-04	-3.63719D-05	-4.64232D-05	7.41051D-08	-1.29813D-05
94	-2.88000D-04	-3.52060D-03	3.32625D-05	-6.87619D-05	2.20509D-05	-4.43961D-05
95	1.78265D-03	-3.42621D-03	5.99557D-03	3.79172D-04	1.84344D-04	-9.49808D-05
96	2.14797D-03	-8.42792D-03	3.40635D-03	6.78600D-04	1.41059D-04	-2.80871D-04
97	-2.23939D-04	-9.59424D-04	2.26364D-03	3.91902D-04	1.90547D-04	-1.00632D-04
98	-1.01999D-03	-2.28953D-07	7.83446D-04	3.73057D-04	1.89297D-04	-1.11273D-04
99	-2.85635D-03	-3.92179D-03	-5.73018D-03	1.31553D-04	-1.08916D-04	-1.05232D-04
100	-9.51911D-04	-3.08247D-03	-3.84154D-03	1.26472D-04	-9.03780D-05	-6.95994D-05
101	9.03620D-04	-1.48014D-03	-2.03137D-03	1.13911D-04	-7.44544D-05	-3.51277D-05
102	2.00814D-03	-2.62257D-04	-9.72184D-04	9.43778D-05	-6.51081D-05	-3.63272D-05
103	1.45951D-03	-8.34595D-04	-2.67936D-04	1.18765D-04	-6.75873D-05	1.29196D-05
104	2.98591D-03	-7.46681D-04	9.71013D-04	1.42507D-05	1.25085D-04	-1.60607D-04
105	1.91236D-04	-4.36150D-04	9.63246D-04	1.60065D-05	1.43255D-04	-1.64032D-04
106	5.02700D-03	-8.45500D-04	1.17337D-03	1.97184D-05	1.42943D-04	-1.80097D-04
107	-3.07696D-03	-1.30805D-04	9.49680D-04	1.11794D-05	1.54968D-04	-1.34780D-04
108	-8.46903D-03	2.05164D-04	2.63956D-03	-3.57667D-05	1.27466D-05	1.18602D-05
109	-8.11177D-03	2.96197D-04	2.62067D-03	1.76925D-05	-1.05595D-04	-6.89736D-05
110	-7.71921D-03	3.79648D-04	2.61253D-03	8.25613D-06	-1.49372D-04	-1.03617D-04
111	-6.84752D-03	3.71211D-04	2.59958D-03	-4.63443D-05	-2.09364D-04	-1.58468D-04
112	-5.48431D-03	-4.99552D-05	2.58934D-03	-1.16944D-04	-2.39305D-04	-1.93807D-04
113	1.23600D-03	-3.17564D-04	-9.16261D-03	-5.57207D-04	-2.69581D-04	-2.52137D-04
114	-4.01271D-03	-4.28010D-04	2.58962D-03	-3.28433D-05	-2.48764D-04	-1.95563D-04
115	-3.34830D-03	-4.13370D-04	2.58980D-03	1.39947D-05	-2.54225D-04	-1.97070D-04

116	-2.47667D-03	-2.49239D-04	2.59001D-03	5.15724D-05	-2.58759D-04	-1.99006D-04
117	-1.59335D-03	-3.05273D-08	2.59010D-03	6.43723D-05	-2.60486D-04	-1.99006D-04
118	-3.05868D-03	-2.49268D-04	2.48329D-03	3.17437D-05	-2.46291D-04	-2.40279D-04
119	3.93126D-04	4.91150D-04	2.59018D-03	6.44233D-05	-2.60526D-04	-1.99006D-04
120	-4.51490D-03	-2.49325D-04	2.39209D-03	6.62971D-06	-2.20762D-04	-2.92103D-04
121	-5.11238D-03	-2.35221D-04	2.37059D-03	5.18899D-06	-2.18871D-04	-2.95009D-04
122	-8.48470D-03	6.50500D-08	2.66735D-03	-3.81845D-05	1.11739D-06	2.11560D-05
123	-8.51209D-03	-5.49145D-04	2.49262D-03	-4.27784D-05	-1.31651D-05	3.28457D-05
124	-8.56734D-03	-2.49909D-03	1.63139D-03	-5.43840D-05	-6.17721D-06	4.05269D-05
125	-8.57632D-03	-2.90475D-03	1.58408D-03	-5.68019D-05	3.51551D-06	3.84472D-05
126	-8.58979D-03	-3.68532D-03	1.78004D-03	-5.98000D-05	2.14580D-05	3.41643D-05
127	-1.04805D-02	-3.84477D-03	1.68693D-04	-6.02909D-05	2.42382D-05	6.72180D-05
128	-8.55168D-03	-3.76490D-03	2.38962D-03	-6.17998D-05	4.35190D-05	-1.64602D-05
129	-8.53729D-03	-3.57230D-03	2.66887D-03	-6.27674D-05	5.69617D-05	-3.69046D-05
130	-7.15933D-03	-2.00458D-03	3.39698D-03	-9.44475D-05	1.29719D-04	-1.15000D-04
131	-9.32368D-03	-3.44384D-03	3.40329D-03	-3.52180D-05	6.16602D-05	-6.23712D-05
132	-7.48974D-03	-1.93961D-07	-3.02760D-04	8.90375D-05	-1.06923D-04	4.25307D-05
133	-6.17428D-03	-7.79613D-03	-4.17969D-03	8.04805D-05	5.57908D-05	-7.35415D-05
134	-4.34092D-03	1.82868D-07	3.38467D-03	-1.32394D-04	1.65797D-04	-1.85262D-04
135	-1.63166D-03	2.29833D-03	3.37298D-03	-1.50596D-04	1.66132D-04	-2.47259D-04
136	1.83582D-03	5.59805D-03	3.35976D-03	-1.44416D-04	1.39550D-04	-2.98510D-04
137	1.10497D-02	6.40154D-03	-3.39302D-04	-1.46688D-04	1.41559D-04	-3.34556D-04
138	4.25528D-03	8.39750D-03	3.34788D-03	-1.22649D-04	9.98642D-05	-2.76445D-04
139	4.30882D-03	3.70535D-03	4.16220D-03	6.16431D-06	-7.11939D-05	-1.45673D-04
140	5.96030D-04	-1.77917D-07	7.75962D-03	4.34673D-05	-1.38954D-04	3.36511D-06
141	-6.66557D-04	-2.53303D-04	8.99078D-03	4.18192D-05	-1.51057D-04	5.11111D-05
142	-2.32916D-04	9.29134D-04	9.34139D-03	3.98001D-05	-2.39763D-05	1.63811D-04
143	-2.21179D-04	1.39970D-03	9.31738D-03	-2.75344D-05	1.81596D-05	1.45632D-04
144	-3.62677D-04	1.53354D-03	9.11908D-03	-2.15672D-04	6.91201D-05	3.53404D-05
145	-6.92549D-04	2.51268D-04	8.74433D-03	-4.09673D-04	8.75301D-05	-1.08506D-04
146	1.91785D-02	-9.79583D-04	-2.08078D-02	-1.40674D-03	4.55311D-05	-1.02552D-03
147	-1.12757D-03	-1.00458D-03	8.31023D-03	-2.38435D-04	1.10950D-04	6.66506D-05
148	-1.35374D-03	-1.02973D-03	8.08473D-03	-1.43636D-04	1.24210D-04	1.64810D-04
149	-1.67390D-03	-6.38778D-04	7.76531D-03	-6.83536D-05	1.34996D-04	2.44412D-04
150	-2.01245D-03	-8.88570D-08	7.42709D-03	-4.20351D-05	1.38726D-04	2.70730D-04
151	-1.01884D-03	-6.38856D-04	8.06425D-03	-1.51080D-04	1.15300D-04	2.53755D-04
152	-2.75924D-03	1.23389D-03	6.68060D-03	-4.19445D-05	1.38437D-04	2.70821D-04
153	3.81825D-04	-6.39006D-04	9.20707D-03	-2.55396D-04	7.49695D-05	2.65086D-04
154	1.29569D-03	-6.28997D-04	1.00998D-02	-2.61310D-04	7.19823D-05	2.65663D-04
155	-6.66226D-03	4.21401D-07	9.59054D-03	-2.63632D-04	-5.87333D-05	3.65790D-04
156	-5.98376D-03	-1.71884D-03	1.02953D-02	-5.43331D-04	1.51621D-04	5.78956D-04
157	-3.18974D-03	-2.29870D-03	1.31523D-02	-6.26197D-04	2.52306D-04	6.51303D-04
158	-2.21663D-02	-1.37971D-04	-4.37951D-03	-6.39982D-04	2.48969D-04	7.21190D-04
159	1.68532D-03	-1.75340D-03	1.73487D-02	-6.64440D-04	3.48573D-04	5.99227D-04
160	6.47221D-03	2.32234D-07	2.25225D-02	-7.62348D-04	5.10056D-04	4.63560D-04
161	3.20366D-02	2.40874D-02	5.25793D-02	-8.26695D-04	2.47238D-04	2.99580D-04
162	2.26249D-02	-7.78389D-07	2.93677D-02	-1.81824D-04	-7.16159D-04	1.11559D-03
163	1.82034D-02	-1.90885D-02	1.71196D-02	-3.03514D-05	-7.87302D-04	1.29231D-03
164	1.53616D-02	-3.41580D-02	8.33238D-03	4.83059D-05	-8.04081D-04	1.33695D-03
165	4.81740D-03	-1.07519D-01	-3.89648D-02	1.98418D-04	-5.66589D-04	5.84277D-04
166	9.90806D-03	-2.25272D-02	1.41193D-02	2.32377D-04	-8.74643D-04	-2.15568D-04
167	1.37198D-02	-2.24955D-02	1.80745D-02	2.57724D-04	-8.82397D-04	-2.32023D-04
168	9.93834D-03	-2.12021D-02	8.76934D-03	2.51594D-04	-8.80602D-04	-2.26371D-04
169	7.67303D-03	-1.89032D-02	-1.63076D-03	2.85585D-04	-6.07331D-04	-2.59543D-04
170	6.72527D-03	-9.89553D-03	-5.33730D-03	3.72369D-04	2.69131D-04	-3.85880D-04
171	5.51994D-03	-9.89810D-03	-6.87419D-03	5.36803D-04	2.69131D-04	-3.46822D-04
172	4.62137D-03	-9.90012D-03	-8.46153D-03	6.28886D-04	2.69131D-04	-3.25525D-04
173	2.96295D-03	-9.90111D-03	-1.17286D-02	6.40422D-04	2.69131D-04	-3.23027D-04
174	7.83928D-04	-9.90131D-03	-1.60810D-02	6.46597D-04	2.69131D-04	-3.22731D-04
175	7.10450D-03	-8.03209D-03	-3.42242D-03	3.85191D-04	3.52100D-04	-4.06842D-04

176	1.15920D-03	-1.91443D-03	-1.04766D-07	4.80371D-04	7.40033D-04	-6.29848D-04
177	-2.39299D-02	5.61593D-08	-3.30826D-02	1.56743D-03	-2.02461D-04	2.78331D-04
178	-2.39052D-02	5.77802D-03	7.45399D-08	2.31032D-03	1.13255D-03	-2.12579D-04
179	2.02430D-02	-1.86514D-08	-6.79924D-02	4.24644D-03	-3.21962D-04	1.85021D-03
180	8.71020D-03	-4.66686D-02	-2.86165D-02	6.30056D-03	-1.81231D-03	1.43064D-03
181	1.52693D-02	-4.06503D-02	-4.99349D-02	6.50331D-03	-2.45948D-03	1.26840D-03
182	8.65530D-02	-3.99175D-02	-2.58433D-01	6.97356D-03	8.25901D-04	4.59126D-03
183	8.48998D-02	-5.66056D-02	-2.52202D-01	6.95960D-03	9.64169D-04	4.69804D-03
184	4.45491D-02	-7.76959D-02	-1.88980D-01	7.46232D-03	4.33072D-04	5.26841D-03
185	7.96934D-02	-1.00899D-01	-2.33204D-01	6.76560D-03	1.30510D-03	4.88643D-03
186	-5.95844D-02	-5.19564D-02	-8.55244D-02	4.71742D-03	1.65037D-03	4.53671D-03
187	-7.15408D-02	-4.72565D-02	-7.42646D-02	4.41954D-03	1.41887D-03	4.56502D-03
188	-8.13168D-02	-4.53926D-02	-6.55185D-02	4.10435D-03	1.19483D-03	4.62323D-03
189	-5.36459D-02	-4.44221D-02	-2.86166D-02	5.41825D-04	-2.79150D-03	4.02250D-03
190	4.86400D-03	-1.01623D-06	-4.24385D-08	-6.17169D-06	9.05807D-04	-6.96769D-04
191	6.64550D-03	1.99939D-06	1.05140D-01	-2.66565D-04	-1.45699D-04	-7.98505D-04
192	6.71010D-03	6.78020D-03	1.03485D-01	-2.76878D-04	-2.35132D-04	-9.41554D-04
193	1.90235D-02	2.05096D-02	8.34622D-02	-2.75212D-03	-2.77410D-04	-1.42053D-03
194	4.29601D-03	1.00682D-02	2.47795D-03	2.81068D-04	-1.82586D-04	2.54733D-04
195	3.26751D-04	1.33239D-03	6.09539D-04	8.17215D-05	-4.87010D-05	9.87788D-05
196	2.44327D-03	2.93485D-02	-1.18953D-01	1.30930D-02	3.55520D-04	5.06299D-03
197	-8.68763D-02	3.50662D-02	1.13001D-01	1.38055D-02	3.63527D-04	5.29682D-03
198	-3.62724D-02	1.53970D-01	-2.62794D-02	1.43583D-02	3.86601D-04	5.35455D-03
199	-7.19440D-02	8.86063D-01	-2.19962D-02	2.04245D-02	2.53668D-03	6.47077D-03
200	-9.36747D-02	8.63779D-01	4.78714D-02	1.89585D-02	5.00211D-03	8.58980D-03
201	-6.17582D-02	8.63883D-01	-1.42261D-02	1.86740D-02	5.11955D-03	1.01399D-02
202	-4.03055D-02	8.63944D-01	-5.26815D-02	1.87005D-02	5.19270D-03	1.02786D-02
203	-7.54714D-03	8.51637D-01	-1.07803D-01	1.92898D-02	5.47722D-03	8.48371D-03
204	-2.03485D-02	8.27888D-01	-6.51973D-02	1.84623D-02	6.05154D-03	1.09306D-02
205	-3.24408D-02	7.86087D-01	-2.49511D-02	1.83652D-02	6.21572D-03	1.10236D-02
206	-1.24564D-01	7.85654D-01	1.47605D-01	1.72914D-02	5.70919D-03	1.12750D-02
207	-1.76846D-01	5.00566D-01	3.16591D-01	1.52445D-02	2.26835D-03	1.21165D-02
208	-8.37699D-02	-6.20112D-07	9.05377D-03	1.14243D-02	-4.74708D-03	8.64695D-03
209	-5.05763D-04	1.07310D-03	2.76026D-03	-6.39963D-05	-4.31262D-05	1.99193D-04
210	-1.40520D-04	1.20137D-03	2.91121D-03	-6.67838D-05	-4.69092D-05	2.01472D-04
211	-4.64157D-03	1.37842D-03	1.56151D-03	-6.44861D-05	-4.70858D-05	2.08449D-04
212	2.75193D-04	1.29091D-03	3.07918D-03	-7.05006D-05	-5.05541D-05	1.96796D-04
213	3.05619D-03	1.60130D-08	4.19981D-03	-1.00273D-04	-7.50776D-05	1.16442D-04
214	1.39385D-03	5.05359D-09	-4.43773D-03	3.03553D-05	-3.53206D-05	4.02475D-05
215	2.59436D-03	1.11355D-04	-1.88433D-03	-9.13534D-05	6.40796D-05	-2.98743D-05
216	2.00804D-03	-4.10470D-04	-1.44539D-03	-8.34403D-05	4.25317D-05	-3.13970D-05
217	2.02313D-03	-1.16398D-03	-2.18677D-03	-8.81390D-05	3.09460D-05	-3.85335D-05
218	1.44116D-03	-1.90074D-03	-5.49737D-08	-2.95908D-05	-1.99745D-05	-9.26195D-06
219	9.17530D-04	-1.93508D-03	-6.67402D-04	2.80513D-05	-1.63916D-05	-8.15419D-06
220	9.01189D-04	-1.93525D-03	-7.24217D-04	2.81177D-05	-1.63691D-05	-8.21611D-06
221	9.02444D-04	-1.97508D-03	-6.42952D-04	2.81171D-05	-1.63618D-05	-8.23969D-06
222	8.84581D-04	-1.93535D-03	-7.81041D-04	2.81731D-05	-1.63536D-05	-8.25971D-06
223	7.38799D-04	-1.93799D-03	-1.25351D-03	2.85297D-05	-1.58609D-05	-9.21163D-06
224	7.20173D-04	-1.93807D-03	-1.31100D-03	2.84973D-05	-1.58455D-05	-9.22721D-06
225	7.21030D-04	-1.98332D-03	-1.23298D-03	2.84971D-05	-1.58308D-05	-9.25101D-06
226	7.01410D-04	-1.93807D-03	-1.36821D-03	2.84582D-05	-1.58440D-05	-9.22045D-06
227	2.83407D-04	-1.05090D-03	-7.83195D-04	-9.93132D-07	-2.02489D-05	2.46934D-05
228	1.99000D-03	-1.05418D-08	-8.56102D-04	-7.74581D-05	4.17258D-05	-2.34994D-05
229	1.87699D-03	1.70216D-04	-8.77434D-05	-6.22247D-05	3.95618D-05	-1.58641D-05
230	1.81642D-03	1.70442D-04	1.46216D-04	-5.51583D-05	3.85833D-05	-1.56808D-05
231	6.26943D-08	-7.63302D-04	-1.75132D-09	-3.76385D-05	3.03013D-05	7.92335D-05
232	-1.42980D-03	-7.13181D-04	-1.04532D-03	3.28466D-05	-3.37469D-05	-3.96712D-05
233	-1.34955D-03	-7.13008D-04	-9.78966D-04	3.30023D-05	-3.38742D-05	-3.97341D-05
234	-1.54462D-03	-8.82745D-04	-9.96154D-04	3.30136D-05	-3.38936D-05	-3.97345D-05
235	-1.26892D-03	-7.12806D-04	-9.12148D-04	3.31382D-05	-3.39830D-05	-3.97779D-05

236	-8.20751D-11	1.75409D-04	3.27891D-10	2.02938D-05	1.22553D-05	-1.65521D-05
237	-1.65916D-05	1.75444D-04	-2.01623D-05	1.99585D-05	1.20107D-05	-1.65159D-05
238	-1.15594D-04	1.75504D-04	-1.38645D-04	1.95120D-05	1.16951D-05	-1.64474D-05
239	-1.15627D-04	2.79871D-04	-6.51380D-05	1.95120D-05	1.16760D-05	-1.65304D-05
240	-2.13503D-04	1.75488D-04	-2.54324D-04	1.90598D-05	1.14267D-05	-1.62153D-05
241	-1.96009D-05	4.32947D-06	-1.95769D-05	-5.17993D-06	-3.62051D-07	3.89843D-06
242	-5.64201D-06	1.19433D-05	3.43788D-07	-2.72205D-06	-1.34556D-07	1.88952D-06
243	-5.63305D-06	-3.92185D-06	-2.21299D-07	-2.86395D-06	-7.32002D-09	1.99402D-06
244	-3.63892D-06	1.28944D-05	-4.17327D-08	9.94232D-07	3.02630D-07	-3.38066D-07
245	-1.79785D-06	6.55721D-06	-2.76041D-08	9.18448D-07	2.64273D-07	-2.42668D-07
246	-2.69922D-07	6.55903D-06	5.77400D-06	9.20153D-07	2.64273D-07	-2.42571D-07
247	-3.25616D-07	1.27227D-06	-1.50050D-08	6.39877D-07	1.79493D-07	-1.47509D-07
248	-3.97427D-06	-9.21322D-06	-1.06911D-07	6.85427D-07	-3.23299D-07	-2.10729D-07
249	-1.98111D-06	-4.74320D-06	-7.26616D-08	6.50104D-07	-2.86838D-07	-1.50807D-07
250	-1.03388D-06	-4.74453D-06	4.03391D-06	6.51314D-07	-2.86838D-07	-1.50490D-07
251	-3.66957D-07	-9.46890D-07	-3.94972D-08	4.58219D-07	-1.96366D-07	-9.16706D-08
252	-4.07443D-02	3.22573D-01	-2.83625D-02	1.74916D-02	8.48085D-04	5.74835D-03

O D A L A N A L Y S I S

MODE NUMBER 37
FREQUENCY= 27.1235 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
2	1.74009D+02	-3.85038D-02	-5.38710D-03	-6.11643D-04	1.11001D-04	-7.42771D-04
3	1.40349D+02	-3.72855D-02	3.23629D-03	1.11423D-03	1.67965D-03	-9.15594D-04
4	3.16669D+02	-3.72878D-02	2.42134D-02	1.31604D-03	2.03551D-03	-1.02310D-03
5	4.38310D+02	-3.73489D-02	4.33586D-02	2.76967D-03	2.00180D-03	-1.28541D-03
6	2.26913D+02	-1.99633D-02	9.31663D-03	3.78482D-03	2.47688D-03	-1.05838D-03
7	-3.38396D+02	1.06956D-03	-9.51211D-02	2.36406D-03	1.72964D-03	-1.68522D-03
8	-3.24475D+02	-7.90412D-02	-1.08654D-01	6.45584D-04	-1.47919D-03	-7.88428D-04
9	1.01492D+01	-1.17434D-02	2.62915D-02	-2.46928D-04	-7.38755D-04	1.12354D-03
10	1.08218D+01	-7.44893D-07	3.33339D-02	-3.52422D-04	-2.41687D-04	1.13169D-03
11	7.91495D+03	-2.67663D-03	2.24401D-03	-1.61663D-04	4.94709D-04	1.55740D-03
12	9.71816D+03	1.53542D-06	2.45951D-03	2.31872D-04	-3.10650D-04	9.52487D-04
13	1.66894D+02	8.36088D-04	-2.45038D-03	5.02225D-04	-9.74896D-05	1.44125D-04
14	1.76364D+02	5.14974D-03	-5.60389D-03	1.33557D-04	-1.57108D-04	-6.59805D-05
15	2.36880D+02	-3.03389D-03	-5.53717D-03	-2.49458D-04	3.43965D-05	-1.77049D-04
16	2.10603D+02	-4.36561D-03	-1.73260D-03	-2.81672D-04	2.33014D-04	-2.75145D-04
17	2.08649D+02	2.86896D-02	1.90071D-02	-2.99482D-04	9.86557D-05	-2.62209D-04
18	2.07123D+02	3.30257D-02	1.92601D-02	-2.72346D-04	-6.33922D-05	-6.70193D-05
19	1.94739D+02	3.64055D-02	1.80839D-02	-2.83294D-04	-1.10853D-04	5.09290D-05
20	1.85718D+02	3.56572D-02	1.60063D-02	-2.46705D-04	-1.44169D-04	2.62000D-04
21	1.83147D+02	1.36323D-02	8.25175D-03	-2.29400D-04	-1.12551D-04	4.93764D-04
22	8.47420D+03	1.16844D-03	3.03093D-03	-1.43187D-04	-6.10591D-06	3.88944D-04
23	8.88042D+10	3.54438D-10	2.02571D-10	-1.78186D-08	7.38632D-09	4.72476D-08
25	3.61369D+03	-5.05949D-04	1.08086D-03	-3.73019D-05	-5.90235D-05	2.87292D-05
26	4.46863D+03	-2.58473D-03	-1.93647D-03	-2.10813D-04	-4.87303D-05	2.65767D-05
27	4.16509D+03	-2.58096D-03	-4.30812D-03	-2.13626D-04	-4.93611D-05	2.94282D-0
28	3.12828D+03	-1.38485D-03	-7.35679D-03	-1.88904D-04	-9.78619D-05	5.11959D-05
29	3.12612D+03	-8.10327D-04	-6.26134D-03	-1.84738D-04	-1.03235D-04	4.77509D-05
30	2.88160D+03	4.36309D-03	-2.16665D-02	-2.64938D-04	1.55473D-04	4.63635D-05
31	6.48053D+03	-5.27060D-04	9.43459D-03	-3.15007D-04	2.52491D-04	2.54820D-0
32	-5.39214D+03	1.28308D-03	-2.39460D-03	-5.38539D-05	1.06947D-04	2.56688D-04
33	-7.50092D+03	2.55111D-03	-2.65426D-03	6.74500D-05	3.85096D-05	2.53178D-04
34	-5.27222D+03	-1.63825D-02	-4.76372D-03	1.02097D-04	-1.25544D-04	2.54825D-04
35	-2.75679D+03	-1.56056D-02	-5.68951D-03	1.96032D-04	-2.03111D-04	1.91460D-04
36	6.03884D+02	-1.38332D-01	-1.09770D-02	8.31012D-03	2.93674D-03	-3.64741D-03
37	1.23128D+01	-2.35859D-01	5.20897D-02	5.53216D-03	3.51870D-03	-2.29492D-03
38	-5.69845D+02	-2.48355D-01	-6.60129D-02	-6.98279D-03	3.98547D-03	4.92203D-03
39	-5.86872D+02	-4.58938D-01	-8.28730D-02	-8.56945D-03	-4.00059D-03	5.49360D-0
40	-3.44966D+02	-4.85938D-01	-3.44644D-02	-1.14915D-02	-3.88091D-03	6.84023D-04
41	-3.21311D+02	-4.86174D-01	4.79565D-02	-1.20663D-02	-3.83106D-03	-1.35753D-04
42	-4.77811D+02	-6.23906D-01	1.75912D-01	-1.58683D-02	-7.46403D-04	-6.88894D-03
43	-3.60294D+02	-8.83785D-01	1.76111D-01	-1.54599D-02	-6.83564D-04	-9.41357D-03
44	-3.07291D+02	-8.81516D-01	1.70915D-01	-1.00014D-02	-7.80208D-04	-1.70358D-02
45	-2.98032D+02	-3.36903D-01	8.83864D-02	1.75337D-03	8.93356D-04	5.62335D-03
46	-2.98980D+02	-3.46936D-01	8.95999D-02	2.29748D-03	-2.43176D-05	2.47194D-03
47	2.00818D+03	2.05582D-02	-5.48926D-03	-3.57154D-04	-1.41393D-05	-8.06299D-04
48	1.93254D+03	2.33525D-02	-5.39089D-03	-5.10518D-04	4.01207D-05	-5.58305D-04
49	-1.40094D+03	8.67543D-03	-2.22936D-03	-2.56004D-04	-2.33109D-05	-2.81120D-04
50	5.92691D+05	3.70381D-03	-1.93289D-03	-1.64390D-04	-8.31065D-05	-1.83592D-04

52	-3.15505D-06	-6.53970D-07	-1.97869D-05	-3.45291D-06	-7.14822D-06	-3.35328D-06
53	-1.55491D-11	-5.45894D-12	-2.03073D-11	-4.29610D-10	-6.19484D-10	-3.46681D-10
54	6.92886D-03	-9.44731D-04	-7.81834D-05	-1.79579D-05	-1.32521D-04	-2.15609D-04
55	1.46011D-02	-5.65740D-03	2.32461D-03	-1.40625D-04	-3.14868D-04	-1.74068D-04
56	1.61484D-02	-7.40220D-03	2.70030D-03	-2.92351D-04	2.05780D-04	-9.60270D-05
57	2.12229D-02	1.11367D-03	-1.27481D-02	-4.33243D-04	-2.61480D-04	-3.70395D-04
58	1.56334D-02	4.65960D-03	-1.05460D-02	-3.66127D-04	-9.00460D-05	-8.28382D-04
59	1.83006D-03	4.95411D-03	-4.97947D-03	-3.15984D-04	-4.19795D-05	-8.73654D-04
60	7.82136D-02	-1.17479D-02	1.04476D-02	-8.82422D-04	-4.25985D-04	1.08238D-03
61	5.46576D-02	-2.02977D-02	-1.11149D-02	-9.13279D-04	5.98184D-04	2.04955D-03
62	1.53008D-02	3.28925D-03	-2.75471D-02	-1.76051D-04	2.62401D-04	1.50722D-03
63	1.52368D-02	1.11687D-02	-2.55113D-02	-7.67139D-04	-4.55713D-04	2.09029D-04
64	1.52219D-02	5.24699D-03	1.68463D-02	-7.34155D-04	-5.76798D-04	-1.72605D-04
65	1.24403D-02	5.28488D-03	1.23275D-02	-7.94983D-04	-3.90016D-04	4.31420D-04
66	-1.72950D-03	5.19492D-03	-1.13323D-02	-7.73821D-04	-3.17288D-04	4.76374D-04
67	-4.73755D-03	4.80945D-04	-1.95418D-02	-4.69715D-04	-3.01374D-04	5.15385D-04
68	2.15235D-02	4.40197D-03	-3.84225D-03	-5.95934D-05	5.91057D-05	1.28500D-04
69	2.00008D-02	3.79650D-03	-4.13229D-03	-1.43937D-04	2.93560D-04	7.04629D-05
70	8.48150D-03	-2.46693D-03	-4.00371D-03	-1.66419D-04	1.54064D-04	-1.00731D-04
71	7.80119D-03	-5.38230D-03	-3.76253D-03	-2.34064D-04	-8.70978D-05	-1.17672D-04
72	6.79796D-03	-5.91000D-03	-6.45311D-04	-9.90429D-05	-6.43980D-05	-4.44853D-05
73	1.84270D-03	-6.04444D-03	-3.18827D-03	6.87455D-05	-4.47211D-05	-5.37680D-05
74	1.16635D-03	-5.93558D-03	-3.17592D-03	2.00259D-06	-4.88238D-05	7.07286D-05
76	8.32036D-03	5.28404D-04	2.29972D-04	-1.50540D-04	1.13457D-04	-5.30087D-05
77	8.17749D-03	1.02974D-03	2.78681D-03	-1.41083D-04	8.63884D-05	2.00884D-05
78	1.14036D-03	-3.84794D-03	4.15474D-04	-1.37931D-04	-1.43673D-05	3.53130D-04
79	-6.87273D-03	-3.54446D-03	-3.61936D-03	1.52347D-04	-2.56928D-04	-2.03299D-04
80	-4.47119D-04	-4.22433D-04	-1.66783D-05	3.84468D-05	-3.71854D-05	-3.81434D-05
82	-1.05703D-03	5.53478D-04	-7.10638D-04	4.87045D-05	2.98587D-05	-7.34525D-05
83	-1.42773D-03	3.46652D-04	-9.96562D-04	2.09131D-05	3.66396D-06	-3.30033D-05
84	-1.43346D-03	1.16877D-05	-1.01426D-03	8.40450D-07	-2.28808D-08	-1.41980D-05
85	-1.36222D-03	4.11264D-06	-9.48609D-04	-1.66917D-05	-1.01906D-05	2.53415D-05
86	-2.39123D-05	3.59219D-06	1.37873D-06	-8.82924D-06	-4.98699D-07	1.12105D-05
87	-2.23833D-05	6.11885D-05	2.30489D-06	-7.38855D-07	1.02377D-06	1.01771D-06
88	-1.58351D-05	4.84357D-05	-1.01297D-07	3.52987D-06	1.25484D-06	-4.65300D-07
90	-2.29111D-05	-5.58682D-05	1.28048D-06	-1.02299D-06	-6.91744D-07	1.24312D-06
91	-1.71730D-05	-4.50192D-05	-3.82735D-07	3.26094D-06	-1.31334D-06	-3.34489D-07
93	5.45345D-03	-7.11156D-03	-1.69677D-03	-4.08252D-04	-2.40237D-04	-1.84568D-04
94	1.69067D-02	-2.94980D-02	-5.11127D-03	-6.31395D-04	-1.04170D-04	-5.57274D-04
95	3.57654D-02	-2.94679D-02	3.35529D-02	3.48630D-03	2.41896D-03	-9.47198D-04
96	4.50068D-02	-8.31428D-02	-2.65713D-03	7.22760D-03	2.80634D-03	-3.00932D-03
97	9.42404D-03	-8.01683D-03	-1.52070D-02	3.57121D-03	2.44245D-03	-1.02926D-03
98	-7.43564D-04	-2.68942D-06	-3.39897D-02	3.32509D-03	2.36665D-03	-1.15171D-03
99	2.58158D-02	-6.71833D-02	-4.97755D-02	5.81005D-04	-1.94013D-03	2.27347D-04
100	6.22047D-02	-4.68399D-02	-1.28769D-02	4.07848D-04	-1.68796D-03	7.28562D-04
101	9.43528D-02	-1.98361D-02	1.91607D-02	-2.74244D-05	-1.03845D-03	1.07232D-03
102	1.06388D-01	-4.40960D-03	3.13756D-02	-2.98963D-04	-4.48269D-04	1.14096D-03
103	9.07125D-02	-1.17467D-02	2.07732D-02	-6.24014D-04	-5.94810D-04	1.08014D-03
104	4.15052D-03	-3.73409D-03	2.32810D-03	-4.85902D-05	2.14520D-04	1.61667D-03
105	1.25503D-03	-4.09205D-03	2.38255D-03	2.74724D-05	1.82412D-06	1.65042D-03
106	-4.72632D-02	-3.72142D-05	3.43240D-03	3.88303D-05	8.68784D-07	1.80699D-03
107	4.17666D-03	-2.86343D-03	2.41930D-03	1.02117D-04	-1.89323D-04	1.36574D-03
108	1.67645D-02	2.79271D-04	-2.98196D-03	4.84984D-04	-5.94886D-05	9.23981D-05
109	1.62794D-02	2.18818D-03	-2.94668D-03	1.54535D-04	1.80204D-04	2.15330D-04
110	1.55852D-02	2.44768D-03	-2.93151D-03	8.20362D-05	2.69446D-04	2.68016D-04
111	1.39745D-02	2.59065D-03	-2.90743D-03	5.23102D-05	3.92496D-04	3.51434D-04
112	1.13992D-02	2.92767D-03	-2.88841D-03	1.09315D-04	4.54660D-04	4.05178D-04
113	-1.90694D-03	3.21499D-03	1.59305D-02	9.21128D-04	5.09248D-04	4.91327D-04
114	8.58398D-03	2.77954D-03	-2.88862D-03	-1.00113D-04	4.77688D-04	4.09322D-04
115	7.30230D-03	2.26571D-03	-2.88874D-03	-2.17385D-04	4.90938D-04	4.12877D-04

116	5.61232D-03	1.23986D-03	-2.88887D-03	-3.12299D-04	5.01896D-04	4.17447D-04
117	3.89426D-03	7.52902D-08	-2.88897D-03	-3.44042D-04	5.05999D-04	4.17447D-04
118	6.84880D-03	1.23992D-03	-2.05935D-03	-3.19109D-04	4.72459D-04	5.14851D-04
119	3.60397D-05	-2.62516D-03	-2.88907D-03	-3.44328D-04	5.05995D-04	4.17447D-04
120	1.00049D-02	1.24004D-03	-3.17054D-04	-3.27441D-04	4.12184D-04	6.37177D-04
121	1.14883D-02	4.00339D-04	9.73445D-04	-3.27859D-04	4.07720D-04	6.44037D-04
122	1.68576D-02	-1.58324D-06	-3.28904D-03	4.67148D-04	-2.27489D-05	6.83919D-05
123	1.70294D-02	-1.33596D-03	-3.07894D-03	4.33259D-04	2.43711D-05	5.70842D-05
124	1.74342D-02	-2.05382D-03	-9.98140D-04	3.47645D-04	1.37442D-05	-5.89089D-05
125	1.75131D-02	-1.32335D-03	-8.97667D-04	3.29809D-04	-1.23854D-05	-9.84865D-05
126	1.76388D-02	1.25464D-03	-1.48780D-03	3.07692D-04	-6.09322D-05	-1.57203D-04
127	2.42368D-02	2.01514D-03	7.44614D-03	3.32928D-04	-6.76864D-05	-2.37502D-04
128	1.76394D-02	3.85861D-03	-3.30563D-03	2.34246D-04	-1.05722D-04	-1.07451D-04
129	1.76390D-02	4.39796D-03	-4.01699D-03	1.98709D-04	-1.24836D-04	-9.00306D-05
130	1.55906D-02	3.44679D-03	-5.61672D-03	1.72446D-04	-1.93341D-04	-2.53291D-05
131	1.93637D-02	6.05649D-03	-5.59637D-03	4.80409D-05	-1.41573D-04	-8.20562D-05
132	2.10421D-02	5.77677D-07	2.01204D-03	-2.84535D-04	2.51096D-04	-3.24721D-04
133	1.85053D-02	3.08883D-02	1.37281D-02	-2.41828D-04	-1.47231D-04	3.50179D-04
134	1.18030D-02	-4.13478D-07	-5.63511D-03	2.28382D-04	-2.25117D-04	3.74957D-05
135	8.26966D-03	-3.93239D-03	-5.64989D-03	2.57905D-04	-2.34145D-04	9.29294D-05
136	3.28083D-03	-9.57080D-03	-5.66487D-03	2.47931D-04	-2.30198D-04	1.38756D-04
137	-9.36018D-04	-1.02675D-02	7.20120D-04	2.52342D-04	-2.30240D-04	1.43872D-04
138	-1.46903D-03	-1.43830D-02	-5.68297D-03	2.12439D-04	-2.14156D-04	1.74174D-04
139	-7.73213D-03	-9.46502D-03	-2.36489D-03	3.41417D-05	-4.18654D-05	3.08434D-04
140	-7.91513D-03	-5.68173D-07	-2.22776D-03	5.17295D-05	2.12064D-05	2.74566D-04
141	-7.69652D-03	1.58485D-03	-2.45388D-03	6.49273D-05	3.12361D-05	2.57342D-04
142	-7.53576D-03	2.77768D-03	-2.30132D-03	6.23618D-05	-8.21871D-05	8.26633D-05
143	-7.30855D-03	3.00362D-03	-2.07772D-03	5.59279D-05	-1.21575D-04	2.48140D-06
144	-6.79484D-03	2.96652D-03	-1.56984D-03	3.94069D-05	-1.71919D-04	-1.30833D-04
145	-6.00237D-03	2.36535D-03	-7.82034D-04	2.32194D-05	-1.93258D-04	-2.22268D-04
146	3.46531D-03	2.38875D-03	-1.06525D-03	-2.51316D-05	-2.00910D-04	-3.96659D-04
147	-5.15748D-03	1.48851D-03	6.38093D-05	1.81911D-05	-2.02770D-04	-2.29782D-04
148	-4.77328D-03	1.08528D-03	4.48502D-04	1.53032D-05	-2.08245D-04	-2.34802D-04
149	-4.26704D-03	5.48146D-04	9.55325D-04	1.28947D-05	-2.12777D-04	-2.39952D-04
150	-3.75236D-03	2.45468D-09	1.47019D-03	1.20675D-05	-2.14480D-04	-2.40779D-04
151	-4.99793D-03	5.48131D-04	9.38115D-04	1.35265D-06	-2.00286D-04	-3.09921D-04
152	-2.59597D-03	-1.23411D-03	2.62676D-03	1.19723D-05	-2.14482D-04	-2.40874D-04
153	-6.94349D-03	5.48090D-04	9.77348D-04	-1.33802D-05	-1.74710D-04	-3.98038D-04
154	-8.21256D-03	-2.05593D-04	1.34666D-03	-1.42326D-05	-1.72816D-04	-4.03006D-04
155	-4.68374D-03	4.96142D-07	-1.68807D-03	-9.44403D-05	1.16932D-04	2.56364D-04
156	-7.27650D-04	-1.84137D-03	2.25096D-03	-2.63368D-04	1.82092D-04	2.61901D-04
157	2.10533D-03	-1.59258D-03	5.14272D-03	-3.05795D-04	2.12752D-04	2.74581D-04
158	-5.39764D-03	-6.27032D-04	-3.71570D-03	-3.17984D-04	2.12421D-04	2.92342D-04
159	5.64301D-03	-7.64298D-04	8.59602D-03	-3.13528D-04	2.38864D-04	2.61369D-04
160	8.31263D-03	-1.78127D-07	1.12832D-02	-3.11894D-04	2.69889D-04	2.47509D-04
161	1.83088D-02	1.99017D-04	2.31221D-02	-2.76259D-04	4.10064D-05	2.00747D-04
162	1.12420D-02	5.10621D-08	8.11422D-03	-2.82163D-04	-3.56253D-04	7.97916D-05
163	9.04476D-03	7.15899D-04	2.24953D-03	-2.86728D-04	-3.73662D-04	5.15863D-05
164	7.65320D-03	1.34269D-03	-1.88500D-03	-2.88468D-04	-3.70372D-04	3.64282D-05
165	3.08685D-03	4.78309D-03	-2.10601D-02	-2.82531D-04	-1.78568D-04	1.30131D-05
166	-2.28080D-02	-2.48190D-01	-1.76311D-02	-6.84511D-03	3.98041D-03	4.84724D-03
167	-1.06865D-01	-2.49861D-01	-1.35508D-01	-7.06087D-03	3.98207D-03	4.98986D-03
168	-5.02044D-02	-2.75177D-01	-3.43835D-02	-7.02619D-03	3.93498D-03	4.89787D-03
169	-4.06846D-02	-3.16177D-01	8.64652D-03	-7.44825D-03	1.95415D-03	4.61106D-03
170	-4.94326D-02	-4.17883D-01	-3.75961D-02	-8.38040D-03	-3.40897D-03	4.92943D-03
171	-3.28708D-02	-4.17997D-01	-7.87799D-03	-9.44748D-03	-3.40897D-03	5.06028D-03
172	-1.91475D-02	-4.18086D-01	1.84623D-02	-1.00529D-02	-3.40897D-03	5.13949D-03
173	7.23336D-03	-4.18130D-01	7.02773D-02	-1.01311D-02	-3.40897D-03	5.15116D-03
174	4.20847D-02	-4.18139D-01	1.38929D-01	-1.01871D-02	-3.40897D-03	5.16815D-03
175	-5.38763D-02	-4.36447D-01	-5.93773D-02	-8.46648D-03	-3.77382D-03	5.25120D-03

176	-3.25224D-02	-4.86043D-01	6.19244D-07	-1.17367D-02	-3.85955D-03	3.45494D-04
177	-3.06237D-02	-7.31891D-07	1.08142D-01	-6.82005D-03	-1.74283D-03	-1.22371D-02
178	-3.03053D-02	2.03453D-01	2.52100D-07	-2.47790D-03	4.09568D-05	5.21010D-03
179	1.11285D-02	-2.92804D-07	-4.10422D-02	2.64990D-03	-9.27276D-04	-2.37001D-03
180	1.44146D-03	-4.61923D-02	-5.05668D-03	2.60064D-04	4.32015D-04	1.06582D-03
181	4.87578D-04	-5.39591D-02	-1.59502D-03	2.67311D-04	2.96548D-04	6.93693D-04
182	1.57587D-03	-6.98528D-03	-4.21732D-03	-2.79073D-04	-5.83561D-05	-9.00269D-04
183	1.70017D-03	-1.52515D-03	-4.59252D-03	-2.94868D-04	-5.15049D-05	-8.91107D-04
184	8.37110D-03	4.95774D-03	-7.49470D-03	-3.44408D-04	-6.43940D-05	-8.58580D-04
185	1.92159D-03	1.12131D-02	-5.25049D-03	-3.30783D-04	-2.94119D-05	-8.51382D-04
186	-1.06430D-03	1.36106D-02	-2.60272D-03	-4.96541D-04	3.79401D-05	-3.30913D-04
187	-1.32061D-03	1.19607D-02	-2.35538D-03	-4.68738D-04	2.94595D-05	-3.23677D-04
188	-1.50819D-03	1.06286D-02	-2.18399D-03	-4.32266D-04	2.18810D-05	-3.26083D-04
189	2.31092D-04	2.97973D-03	-1.74077D-03	-1.64189D-04	-8.22837D-05	-1.78268D-04
190	2.99791D-03	3.89813D-08	-1.67472D-07	-2.39576D-04	1.98179D-04	2.88642D-05
191	3.12139D-03	-5.93657D-08	-4.37490D-03	-1.90022D-04	-1.12432D-04	3.39192D-05
192	3.12334D-03	-2.71840D-04	-5.09606D-03	-1.88059D-04	-1.09008D-04	4.04033D-05
193	2.65703D-03	-8.21591D-04	-7.64257D-03	-1.09618D-04	-1.05559D-04	5.19612D-05
194	2.64974D-03	-1.81826D-04	7.54240D-04	-2.43175D-05	-5.63671D-05	2.50815D-05
195	6.55789D-04	5.72055D-05	1.76037D-04	-4.42730D-06	-3.49186D-05	1.28614D-05
196	5.45095D-03	-9.42879D-04	1.32778D-05	-1.00890D-05	-1.32227D-04	-2.08767D-04
197	9.21040D-03	-9.76603D-04	-2.45486D-04	-1.81214D-05	-1.32712D-04	-2.21000D-04
198	7.94693D-03	-1.64970D-03	2.37155D-04	-2.71021D-05	-1.36572D-04	-2.14421D-04
199	1.55551D-02	-7.40022D-03	4.75615D-03	-3.05672D-04	2.44284D-04	-9.26471D-05
200	1.42403D-02	-7.45972D-03	9.27265D-03	-3.28016D-04	2.55884D-04	-9.99508D-05
201	1.39779D-02	-7.45965D-03	1.05225D-02	-4.12878D-04	2.84245D-04	-6.95846D-05
202	1.38443D-02	-7.45958D-03	1.14169D-02	-4.45053D-04	3.01911D-04	-6.70885D-05
203	1.31526D-02	-7.64566D-03	1.45146D-02	-4.68834D-04	3.23228D-04	-1.19447D-04
204	1.24977D-02	-7.55839D-03	1.66698D-02	-4.68808D-04	2.32806D-04	-1.82620D-04
205	1.21221D-02	-7.36551D-03	1.78789D-02	-5.00409D-04	1.73331D-04	-1.34227D-04
206	1.30042D-02	-7.35837D-03	1.35089D-02	-3.45262D-04	2.01345D-04	-1.19436D-04
207	1.20807D-02	-6.52225D-03	1.68416D-02	-3.83473D-04	-5.23008D-05	-1.33892D-04
208	2.08148D-02	-1.55171D-09	-1.14084D-02	-4.34988D-04	-2.81890D-04	-3.45763D-04
209	4.36118D-02	-2.01179D-02	-1.59445D-02	-7.78638D-04	6.12758D-04	2.14286D-03
210	3.84750D-02	-1.93118D-02	-1.80620D-02	-7.66969D-04	6.01243D-04	2.15149D-03
211	-7.85525D-03	-1.75031D-02	-3.62538D-02	-8.23274D-04	6.03028D-04	2.16283D-03
212	3.35491D-02	-1.81279D-02	-2.00603D-02	-7.11300D-04	5.84733D-04	2.14083D-03
213	1.73417D-02	-3.73401D-07	-2.67117D-02	-1.76717D-04	3.04325D-04	1.64305D-03
214	-3.97268D-03	1.24495D-07	-1.90963D-02	-4.55107D-04	-3.00878D-04	5.12580D-04
215	1.05676D-02	-9.02148D-04	-4.03508D-03	-1.62115D-04	2.33198D-04	-6.00533D-05
216	8.43254D-03	-1.36269D-03	-2.54146D-03	-1.61457D-04	1.40489D-04	-9.68786D-05
217	8.49185D-03	-3.65117D-03	-5.20096D-03	-1.74565D-04	1.18800D-04	-1.12736D-04
218	6.55760D-03	-5.92083D-03	-1.56623D-07	-8.22657D-05	-6.32614D-05	-4.21779D-05
219	3.35644D-03	-6.03444D-03	-1.20031D-03	6.73513D-05	-4.81057D-05	-5.01436D-05
220	3.25586D-03	-6.03500D-03	-1.33688D-03	6.75617D-05	-4.80106D-05	-5.03880D-05
221	3.25276D-03	-6.29805D-03	-1.09427D-03	6.75593D-05	-4.79980D-05	-5.04667D-05
222	3.15426D-03	-6.03532D-03	-1.47363D-03	6.77439D-05	-4.79275D-05	-5.05680D-05
223	2.28770D-03	-6.04409D-03	-2.62481D-03	6.96920D-05	-4.52788D-05	-5.42606D-05
224	2.17830D-03	-6.04434D-03	-2.76544D-03	6.96333D-05	-4.51957D-05	-5.43105D-05
225	2.17348D-03	-6.32830D-03	-2.53945D-03	6.96318D-05	-4.51641D-05	-5.43901D-05
226	2.06848D-03	-6.04436D-03	-2.90546D-03	6.95551D-05	-4.51428D-05	-5.42819D-05
227	6.20356D-04	-3.40534D-03	-1.66872D-03	-9.32141D-06	-4.37202D-05	7.68224D-05
228	8.36218D-03	-6.79137D-08	-7.17334D-04	-1.54541D-04	1.22962D-04	-7.34215D-05
229	8.02080D-03	5.29950D-04	1.11087D-03	-1.25729D-04	1.09097D-04	-4.80012D-05
230	7.83689D-03	5.30908D-04	1.58258D-03	-1.10121D-04	1.06362D-04	-4.94871D-05
231	2.46040D-07	-3.84671D-03	7.18624D-09	-1.36320D-04	-1.71692D-05	3.45343D-04
232	-8.65455D-03	-3.55616D-03	-4.91046D-03	1.45247D-04	-2.52996D-04	-1.99883D-04
233	-8.24932D-03	-3.55519D-03	-4.61682D-03	1.46064D-04	-2.53465D-04	-2.00470D-04
234	-9.68302D-03	-4.30059D-03	-4.71891D-03	1.46122D-04	-2.53592D-04	-2.00473D-04
235	-7.84124D-03	-3.55408D-03	-4.32077D-03	1.46785D-04	-2.53813D-04	-2.00943D-04

236	-4.68452D-10	5.53025D-04	7.61717D-10	5.28001D-05	3.27672D-05	-7.65106D-05
237	-7.67527D-05	5.53196D-04	-5.24416D-05	5.19222D-05	3.20834D-05	-7.62044D-05
238	-5.33122D-04	5.53482D-04	-3.60644D-04	5.07588D-05	3.12011D-05	-7.56599D-05
239	-5.33276D-04	1.03300D-03	-1.64535D-04	5.07588D-05	3.11503D-05	-7.59776D-05
240	-9.83179D-04	5.53480D-04	-6.61562D-04	4.95905D-05	3.04449D-05	-7.44047D-05
241	-8.40955D-05	3.63731D-06	-4.47931D-05	-1.26295D-05	-1.33159D-06	1.66950D-05
242	-2.37025D-05	4.07144D-05	3.56495D-06	-6.10593D-06	-3.53717D-07	8.86709D-06
243	-2.36692D-05	-3.39736D-05	1.48946D-06	-6.22489D-06	-1.67592D-07	8.95467D-06
244	-1.43366D-05	4.39693D-05	-8.34688D-08	3.52617D-06	1.20741D-06	-3.80072D-07
245	-7.05316D-06	2.20455D-05	-5.35288D-08	3.16545D-06	1.04479D-06	-2.70111D-07
246	-5.36618D-06	2.20519D-05	1.99442D-05	3.17159D-06	1.04479D-06	-2.68479D-07
247	-1.26247D-06	4.13276D-06	-2.90970D-08	2.17653D-06	7.06780D-07	-1.64191D-07
248	-1.55651D-05	-4.08748D-05	-3.20805D-07	3.26659D-06	-1.28350D-06	-2.72288D-07
249	-7.72185D-06	-2.05204D-05	-2.16802D-07	2.93981D-06	-1.12758D-06	-1.92038D-07
250	-6.53002D-06	-2.05263D-05	1.83548D-05	2.94544D-06	-1.12758D-06	-1.90040D-07
251	-1.41248D-06	-3.85926D-06	-1.17849D-07	2.02380D-06	-7.68496D-07	-1.16733D-07
252	9.40679D-03	-2.78138D-03	7.02645D-04	-7.86061D-05	-2.26477D-04	-2.02826D-04

M O D A L A N A L Y S I S

MODE NUMBER 38
FREQUENCY= 28.0764 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-7.07376D-03	1.55759D-02	1.67226D-03	1.10071D-04	1.30544D-04	-2.49394D-04
3	-6.26841D-03	1.60995D-02	6.87119D-04	-2.06061D-04	1.94256D-04	-2.90271D-04
4	-8.40685D-04	1.60956D-02	-3.25377D-03	-2.04047D-04	2.26044D-04	-3.12079D-04
5	4.03421D-03	1.36232D-02	-6.63069D-03	-5.84432D-05	1.98131D-04	-4.14251D-04
6	4.65541D-03	5.14414D-03	-1.03664D-02	1.21093D-04	1.31674D-04	-3.77203D-04
7	2.46309D-03	-5.55967D-03	-1.43837D-02	4.07117D-04	2.57741D-05	-3.62283D-04
8	4.75918D-03	2.90312D-03	-1.09521D-02	8.77708D-04	1.09485D-05	-6.23110D-04
9	-1.13574D-02	7.07911D-03	-2.65905D-02	1.03290D-03	4.00502D-04	-1.19217D-03
10	-1.71723D-02	-2.21212D-07	-3.28508D-02	5.36338D-04	4.20200D-04	-1.37488D-03
11	-1.15156D-02	-7.32386D-02	-4.11560D-02	6.38687D-04	-3.08493D-04	-5.87958D-04
12	2.35153D-03	-3.85671D-06	-4.12118D-02	1.05198D-03	-4.71514D-05	1.04482D-05
13	1.64943D-04	8.15206D-03	-3.67575D-02	5.25652D-04	2.95279D-04	4.29939D-04
14	1.61086D-04	-5.35807D-05	2.27968D-03	7.74392D-06	7.72852D-05	-1.44528D-04
15	-1.58021D-03	-1.05245D-03	2.27234D-03	-2.12008D-05	-1.86874D-05	-7.25333D-05
16	-7.60873D-04	-4.67447D-04	1.22880D-03	-1.98772D-05	-5.86343D-05	-3.58535D-05
17	-7.26848D-04	1.00334D-03	-3.78595D-03	4.89007D-06	-2.77990D-05	-2.10187D-07
18	-7.52607D-04	8.81530D-04	-3.95996D-03	1.05841D-05	4.85684D-06	8.41984D-06
19	-6.01380D-04	6.18222D-04	-3.81531D-03	1.28325D-05	1.64110D-05	1.10814D-05
20	-4.47712D-04	3.29741D-04	-3.41880D-03	1.51870D-05	3.25723D-05	1.40553D-05
21	-4.23041D-04	-3.30993D-04	-1.31625D-03	1.97530D-05	3.68069D-05	5.47178D-06
22	-3.47242D-04	-1.11378D-04	-3.28765D-04	1.45486D-05	1.26521D-05	-1.50565D-05
23	-7.36569D-11	1.82100D-11	-4.79350D-11	1.93570D-09	3.32779D-10	-2.39537D-09
25	3.78393D-03	-1.54890D-03	1.14712D-03	-4.58063D-05	-5.92794D-05	2.29524D-05
26	4.34123D-03	-3.36726D-03	-1.30981D-03	-1.63975D-04	-3.55469D-05	4.07910D-05
27	3.87728D-03	-3.36401D-03	-3.15037D-03	-1.65202D-04	-3.47786D-05	4.39680D-05
28	2.51307D-03	-1.84027D-03	-5.49420D-03	-1.36716D-04	-6.74813D-05	6.65605D-05
29	2.51069D-03	-1.09638D-03	-4.74206D-03	-1.31939D-04	-7.08950D-05	6.30554D-05
30	2.28017D-03	2.60124D-03	-1.49893D-02	-2.00423D-04	1.04672D-04	3.18295D-05
31	4.24583D-03	-2.96337D-04	6.21717D-03	-2.46636D-04	1.46452D-04	2.12110D-04
32	-1.04358D-03	7.34657D-04	9.73657D-04	-5.59620D-05	2.87678D-05	1.70689D-04
33	-1.75578D-03	1.23708D-03	1.01394D-03	3.99406D-05	2.94098D-05	1.39397D-04
34	-3.18041D-03	-6.97533D-03	2.54070D-03	5.17186D-05	-1.69739D-05	1.00963D-04
35	-2.65027D-03	-6.42464D-03	2.37036D-03	9.56763D-05	-4.77742D-05	6.50227D-05
36	6.76002D-03	1.78478D-03	-1.15316D-02	5.38510D-05	1.58404D-04	-2.73604D-04
37	8.48203D-03	1.34462D-03	-1.25780D-02	-3.05581D-05	2.17495D-05	4.43402D-05
38	6.99575D-04	1.48580D-03	4.83344D-03	3.75514D-04	-2.46934D-04	-1.02072D-04
39	5.92931D-04	9.55643D-03	4.44250D-03	4.16685D-04	2.04727D-04	-2.50791D-04
40	2.13916D-04	1.02217D-02	1.79635D-03	5.98873D-04	1.59491D-04	4.53568D-05
41	6.35512D-04	1.02305D-02	-2.49873D-03	6.28164D-04	1.48369D-04	7.38514D-05
42	1.83052D-03	1.73551D-02	-9.12646D-03	8.26595D-04	4.42245D-06	3.08379D-04
43	1.85548D-03	3.09378D-02	-9.13755D-03	8.11628D-04	-3.73288D-06	3.83891D-04
44	1.89601D-03	3.27695D-02	-9.11935D-03	6.01593D-04	2.50707D-05	6.40427D-04
45	1.87367D-03	1.23002D-02	-5.70394D-03	9.32075D-06	-5.46997D-05	-2.07736D-04
46	1.87908D-03	1.26906D-02	-5.77410D-03	-1.38834D-05	4.66795D-06	-8.42306D-05
47	-9.83605D-04	2.41132D-03	2.84875D-03	-1.07284D-04	-1.39064D-05	-7.08370D-05
48	-8.92513D-04	2.45528D-03	2.70852D-03	-1.01719D-04	-2.65737D-05	-7.49184D-05
49	1.43156D-03	1.62543D-03	5.73015D-04	-4.07733D-05	3.48796D-06	-7.27707D-05
50	8.62486D-04	9.20327D-04	4.29890D-04	-1.42796D-05	3.75401D-05	-6.38203D-05
51	7.08089D-04	5.79424D-04	2.55873D-04	-1.31604D-05	3.70932D-05	-6.30657D-05

52	8.72043D-06	1.93248D-07	3.57758D-06	-1.34317D-08	2.32354D-06	-1.89473D-06
53	7.77356D-12	1.61311D-12	5.68281D-12	9.85114D-12	2.01364D-10	-2.29002D-10
54	8.85376D-04	-1.31256D-03	-5.13166D-05	-1.39941D-04	-8.43813D-06	-7.81065D-05
55	1.32980D-03	-9.12178D-03	1.26868D-04	-2.64166D-04	-1.54706D-05	-6.81877D-05
56	1.20767D-03	-1.21796D-02	2.93420D-04	-3.07849D-04	9.20297D-06	-5.11005D-05
57	1.52749D-03	5.95257D-04	-5.87573D-04	-1.62685D-04	6.33731D-05	-1.65935D-04
58	2.22628D-04	1.53790D-03	1.09364D-03	-1.29630D-04	1.14791D-05	-9.06264D-05
59	-1.04819D-03	1.63368D-03	3.09073D-03	-1.15309D-04	-7.61124D-06	-6.84736D-05
60	8.48729D-03	7.26201D-03	1.39140D-02	2.08065D-03	2.96669D-04	-7.52037D-04
61	5.91712D-03	3.58940D-02	5.00296D-02	9.03295D-04	6.01691D-04	-4.73473D-04
62	-5.03856D-02	-1.26648D-02	2.84540D-02	-1.89871D-03	5.93972D-04	2.58096D-04
63	-5.05760D-02	-2.84661D-02	3.36218D-02	-2.57643D-03	-1.07773D-03	8.44627D-04
64	-5.06954D-02	5.21517D-02	1.36047D-01	-4.62962D-03	-1.54999D-03	9.66095D-04
65	-4.68324D-02	5.60462D-02	7.84000D-02	-5.99242D-03	-1.37364D-03	-8.85090D-04
66	-1.72523D-02	5.59912D-02	-1.04492D-01	-5.94844D-03	-1.82552D-03	-1.00024D-03
67	3.12558D-02	4.95465D-03	-1.54622D-01	-1.84641D-03	-3.42082D-03	-1.44247D-04
68	3.64241D-01	-2.73243D-02	4.00460D-02	5.69001D-04	1.00995D-03	-3.29080D-04
69	3.40808D-01	-2.45766D-02	3.51599D-02	3.02480D-04	4.42415D-03	-4.80500D-04
70	1.64852D-01	-2.00171D-02	3.54722D-02	-2.86327D-04	2.61397D-03	-9.36520D-04
71	1.59601D-01	-4.53575D-02	-7.55530D-03	-7.23155D-04	1.18597D-03	-9.54442D-04
72	1.50187D-01	-4.98948D-02	-3.25289D-03	-5.11480D-04	1.05198D-03	-7.32263D-04
73	1.97327D-02	-5.10945D-02	3.68564D-03	2.01233D-04	4.50150D-04	-1.53841D-03
74	2.03406D-03	-5.85990D-02	-2.46795D-03	-4.61817D-04	4.81472D-05	4.08237D-04
76	1.62312D-01	1.72076D-03	9.02978D-02	-7.78117D-04	9.44369D-04	-5.95287D-06
77	1.59996D-01	-1.27452D-02	9.95949D-02	-1.19075D-03	-2.83839D-05	1.22258D-03
78	2.29492D-02	-1.11676D-01	9.82159D-03	-3.19267D-03	-3.85457D-03	7.20066D-03
79	-2.11895D-01	-1.03084D-01	-1.04036D-01	4.22382D-03	-8.51235D-03	-5.18740D-03
80	-1.43497D-02	-1.24453D-02	-4.98727D-04	1.12753D-03	-1.24360D-03	-9.99202D-04
82	-2.47630D-02	2.16095D-03	-1.70225D-02	1.17922D-03	-3.61464D-04	-1.70679D-03
83	-3.09357D-02	-1.12753D-03	-1.94795D-02	8.22413D-04	-7.03076D-04	-4.95727D-04
84	-2.67560D-02	-1.87573D-03	-7.73924D-03	4.22997D-04	-6.58515D-04	-7.59588D-05
85	-2.38377D-02	-4.36266D-04	-5.71638D-03	5.36055D-05	-6.53893D-04	4.74874D-04
86	-3.76267D-04	-3.80924D-04	2.09553D-05	-6.86987D-05	-3.19778D-05	2.02092D-04
87	-3.39678D-04	7.35342D-04	6.08152D-05	1.24120D-05	2.40286D-05	4.22322D-05
88	-2.17406D-04	5.75397D-04	5.14822D-06	4.46729D-05	1.83348D-05	1.19616D-05
90	-3.73430D-04	-1.29929D-03	-4.73175D-06	4.22771D-05	-2.77451D-06	1.86433D-05
91	-3.02916D-04	-9.38027D-04	-1.27646D-05	7.31979D-05	-2.20935D-05	-1.73921D-06
93	-8.98473D-04	2.80891D-03	1.68154D-04	1.15387D-04	5.13448D-05	-1.02214D-04
94	-4.76223D-03	1.18210D-02	1.09685D-03	1.41302D-04	1.09214D-04	-2.14055D-04
95	5.40055D-03	8.33524D-03	-8.97526D-03	7.50089D-05	1.37905D-04	-3.71775D-04
96	5.90361D-03	2.90396D-03	-1.10563D-02	7.28266D-05	1.55035D-04	-3.10031D-04
97	3.97772D-03	2.14175D-03	-1.16191D-02	1.77868D-04	1.16104D-04	-3.81240D-04
98	3.51311D-03	1.11177D-07	-1.24749D-02	2.25712D-04	1.00487D-04	-3.78248D-04
99	2.64051D-03	8.86739D-03	-1.28431D-02	9.44100D-04	1.48716D-04	-8.35720D-04
100	-1.47218D-03	9.86100D-03	-1.67861D-02	9.73592D-04	2.54965D-04	-9.80385D-04
101	-8.41555D-03	8.23865D-03	-2.36744D-02	1.01456D-03	3.61780D-04	-1.14060D-03
102	-1.48974D-02	3.77423D-03	-3.04038D-02	7.21902D-04	4.29349D-04	-1.31136D-03
103	-1.01111D-03	7.16405D-03	-1.08643D-02	1.66984D-03	3.52716D-04	-9.51473D-04
104	-8.69898D-03	-6.69108D-02	-4.12404D-02	8.91359D-04	-2.66744D-04	-4.59163D-04
105	-3.31157D-03	-4.66725D-02	-4.12912D-02	1.03794D-03	-2.15434D-04	-3.85815D-04
106	8.19228D-03	-4.79698D-02	-1.44864D-02	9.86510D-04	-2.11108D-04	-4.29223D-04
107	5.49356D-04	-2.18564D-02	-4.12584D-02	1.16066D-03	-1.49041D-04	-2.24180D-04
108	1.69026D-04	4.35267D-03	-3.41471D-02	4.84011D-04	3.06801D-04	4.19743D-04
109	-1.57093D-03	3.45967D-03	-3.39214D-02	-2.30336D-04	2.31467D-04	1.82342D-04
110	-2.22049D-03	2.35505D-03	-3.38240D-02	-1.62975D-04	2.29410D-04	8.05994D-05
111	-3.31375D-03	1.97459D-03	-3.36691D-02	4.02354D-04	2.63456D-04	-8.04937D-05
112	-4.99563D-03	5.91596D-03	-3.35465D-02	1.17660D-03	3.18892D-04	-1.84281D-04
113	2.31285D-03	1.40111D-02	9.80014D-02	6.50910D-03	6.34886D-04	-3.55307D-04
114	-6.70566D-03	8.77336D-03	-3.35504D-02	8.42755D-05	2.65830D-04	-1.89602D-04
115	-7.33969D-03	7.68463D-03	-3.35529D-02	-5.24372D-04	2.36032D-04	-1.94166D-04

116	-8.06177D-03	4.39591D-03	-3.35557D-02	-1.01298D-03	2.12027D-04	-2.00034D-04
117	-8.72648D-03	3.96321D-07	-3.35571D-02	-1.17958D-03	2.04144D-04	-2.00034D-04
118	-8.76746D-03	4.39639D-03	-3.12586D-02	-7.62595D-04	2.49896D-04	-3.25069D-04
119	-1.02911D-02	-9.00096D-03	-3.35583D-02	-1.18063D-03	2.05347D-04	-2.00034D-04
120	-1.10139D-02	4.39728D-03	-2.81631D-02	-4.44962D-04	3.27439D-04	-4.82178D-04
121	-1.37908D-02	3.29397D-03	-2.64697D-02	-4.26652D-04	3.33182D-04	-4.91003D-04
122	1.72289D-04	1.06616D-06	-3.09378D-02	4.43057D-04	3.06297D-04	3.72270D-04
123	1.78434D-04	-5.89708D-03	-2.52629D-02	3.65244D-04	2.97445D-04	2.49292D-04
124	1.93629D-04	-1.06231D-02	-1.15896D-02	1.68665D-04	2.57835D-04	-4.41454D-05
125	1.96730D-04	-9.86532D-03	-9.04393D-03	1.27711D-04	2.41536D-04	-1.00361D-04
126	2.01735D-04	-7.01871D-03	-4.17563D-03	7.69270D-05	2.12415D-04	-1.63440D-04
127	4.54952D-03	-6.91704D-03	-2.41022D-03	6.63050D-05	2.11056D-04	-1.79591D-04
128	1.81901D-04	-3.12016D-03	5.18411D-06	4.77474D-05	1.67581D-04	-1.76526D-04
129	1.74561D-04	-1.98041D-03	9.80980D-04	3.36285D-05	1.38650D-04	-1.70368D-04
130	6.80045D-04	7.56242D-05	2.29896D-03	6.71695D-06	3.31881D-05	-1.09089D-04
131	-5.79168D-04	-2.67865D-05	2.27955D-03	-3.67947D-07	5.95228D-05	-1.34108D-04
132	-7.55912D-04	1.52623D-08	3.05285D-04	-1.58954D-05	-6.11817D-05	-2.82789D-05
133	-4.40911D-04	1.04753D-04	-2.87035D-03	1.64737D-05	3.71261D-05	1.36877D-05
134	6.54075D-04	-6.88842D-07	2.32812D-03	4.48752D-05	-1.80013D-05	-5.43207D-05
135	4.59998D-05	-1.14631D-03	2.35321D-03	9.29834D-05	-4.63702D-05	-5.99546D-06
136	-1.15987D-03	-3.50340D-03	2.37991D-03	1.19251D-04	-5.45716D-05	3.39542D-05
137	-2.41386D-03	-3.82299D-03	6.11060D-03	1.41751D-04	-5.37910D-05	4.33307D-05
138	-2.33257D-03	-5.82772D-03	2.37302D-03	1.03114D-04	-5.15096D-05	5.48328D-05
139	-3.15512D-03	-4.25149D-03	2.47513D-03	2.30307D-05	1.71594D-05	1.39687D-04
140	-2.18619D-03	-3.25865D-07	1.46218D-03	3.42011D-05	3.18265D-05	1.39906D-04
141	-1.92439D-03	7.48534D-04	1.18976D-03	4.00541D-05	3.05335D-05	1.36871D+04
142	-2.00345D-03	1.42860D-03	1.10434D-03	1.78421D-05	5.54771D-06	6.76457D-05
143	-2.00262D-03	1.56747D-03	1.10238D-03	3.81418D-06	-3.05035D-06	3.34733D-05
144	-1.96781D-03	1.56208D-03	1.13271D-03	-2.38179D-05	-1.40072D-05	-2.60613D-05
145	-1.89340D-03	1.22406D-03	1.20353D-03	-4.63964D-05	-1.86534D-05	-6.91940D+05
146	1.87911D-03	1.13264D-03	-1.27801D-03	-1.12553D-04	-2.31883D-05	-1.70486D-04
147	-1.81172D-03	7.41095D-04	1.28571D-03	-4.50925D-05	-1.96944D-05	-6.81612D-05
148	-1.77443D-03	5.32947D-04	1.32330D-03	-4.45929D-05	-2.02933D-05	-6.78941D-05
149	-1.72514D-03	2.66224D-04	1.37296D-03	-4.44882D-05	-2.07884D-05	-6.80884D-05
150	-1.67482D-03	-1.04593D-09	1.42339D-03	-4.42336D-05	-2.09731D-05	-6.78338D-05
151	-1.94440D-03	2.66211D-04	1.52107D-03	-6.61953D-05	-1.94263D-05	-9.61680D-05
152	-1.56180D-03	-6.04742D-04	1.53653D-03	-4.42836D-05	-2.09711D-05	-6.78838D-05
153	-2.57370D-03	2.66177D-04	1.96383D-03	-9.36325D-05	-1.66373D-05	-1.31608D-04
154	-3.06841D-03	-1.46980D-04	2.36730D-03	-9.51908D-05	-1.64308D-05	-1.33615D-04
155	-8.67018D-04	3.17170D-07	1.14808D-03	-8.55944D-05	3.32386D-05	1.77062D-04
156	5.22573D-04	-1.01523D-03	2.52628D-03	-2.09749D-04	8.10394D-05	2.08929D-04
157	1.84833D-03	-8.98887D-04	3.87394D-03	-2.42052D-04	1.07539D-04	2.25845D-04
158	-4.46404D-03	-1.14030D-04	-3.07569D-03	-2.52947D-04	1.07246D-04	2.41669D-04
159	3.75485D-03	-4.25985D-04	5.72958D-03	-2.46059D-04	1.32019D-04	2.17078D-04
160	5.37724D-03	-9.86113D-08	7.35147D-03	-2.44423D-04	1.67900D-04	2.05269D-04
161	1.24978D-02	4.22190D-05	1.57989D-02	-2.21470D-04	4.23415D-05	1.57974D-04
162	8.07148D-03	3.19057D-08	6.17655D-03	-2.21817D-04	-2.42406D-04	6.68693D-05
163	6.57046D-03	4.67808D-04	2.14830D-03	-2.23690D-04	-2.57155D-04	4.70017D-05
164	5.61542D-03	8.71150D-04	-7.05233D-04	-2.24045D-04	-2.56449D-04	3.61309D-05
165	2.42750D-03	3.01377D-03	-1.42343D-02	-2.15858D-04	-1.29535D-04	1.56959D-05
166	2.02030D-05	1.48376D-03	2.23210D-03	3.68786D-04	-2.44020D-04	-9.35378D-05
167	1.71702D-03	1.49537D-03	8.57548D-03	3.80879D-04	-2.46728D-04	-1.03182D-04
168	2.79821D-04	1.69803D-03	2.86218D-03	3.75464D-04	-2.45784D-04	-1.10005D-04
169	-3.19227D-04	2.51747D-03	6.79326D-05	3.78143D-04	-1.34239D-04	-1.70053D-04
170	9.74900D-05	7.55360D-03	2.09269D-03	4.03562D-04	1.76729D-04	-2.51617D-04
171	-8.38066D-04	7.55581D-03	6.63278D-04	4.54067D-04	1.76729D-04	-3.07082D-04
172	-1.71243D-03	7.55755D-03	-6.02059D-04	4.82774D-04	1.76729D-04	-3.38347D-04
173	-3.46153D-03	7.55840D-03	-3.09024D-03	4.86496D-04	1.76729D-04	-3.42325D-04
174	-5.78415D-03	7.55857D-03	-6.38726D-03	4.89257D-04	1.76729D-04	-3.44825D-04
175	3.36466D-04	8.53723D-03	3.22707D-03	4.09489D-04	1.95163D-04	-2.54190D-04

176	3.67222D-04	1.02255D-02	-3.26111D-08	6.11428D-04	1.54724D-04	5.76907D-05
177	1.89964D-03	2.52696D-08	-6.10655D-03	4.41297D-04	9.62789D-05	4.56099D-04
178	1.89299D-03	-7.94716D-03	-1.58295D-08	2.22515D-04	-8.34781D-06	-1.92097D-04
179	-7.66038D-04	1.19217D-08	2.71057D-03	-9.55360D-05	5.46390D-05	8.48138D-05
180	-1.77519D-04	2.49167D-03	5.96117D-04	-8.83473D-05	-1.71170D-06	-5.50930D-05
181	-2.01471D-04	2.67270D-03	6.58088D-04	-9.60854D-05	1.24073D-05	-3.90379D-05
182	-1.07029D-03	1.20961D-03	3.18622D-03	-1.16621D-04	-3.99348D-06	-6.16837D-05
183	-1.06259D-03	1.38830D-03	3.15056D-03	-1.16122D-04	-5.79383D-06	-6.44441D-05
184	-4.95298D-04	1.62769D-03	2.18545D-03	-1.23590D-04	1.24341D-06	-7.88693D-05
185	-1.02846D-03	1.92399D-03	3.01423D-03	-1.11974D-04	-1.03988D-05	-7.01077D-05
186	7.85362D-04	9.19520D-04	1.16813D-03	-7.48660D-05	-2.30725D-05	-7.19165D-05
187	9.53846D-04	8.44816D-04	1.01028D-03	-7.01159D-05	-2.00431D-05	-7.25660D-05
188	1.09304D-03	8.16678D-04	8.86174D-04	-6.50542D-05	-1.70831D-05	-7.37113D-05
189	7.85224D-04	7.50838D-04	3.43787D-04	-1.37334D-05	3.74074D-05	-6.34544D-05
190	2.38633D-03	3.01783D-08	-1.19733D-07	-1.78766D-04	1.36571D-04	1.11934D-05
191	2.50526D-03	-7.04770D-08	-3.44823D-03	-1.36451D-04	-7.80640D-05	4.83486D-05
192	2.50744D-03	-3.76079D-04	-3.94494D-03	-1.34775D-04	-7.52676D-05	5.55220D-05
193	1.93193D-03	-1.11439D-03	-5.61681D-03	-5.78441D-05	-6.59406D-05	6.14407D-05
194	2.80171D-03	-1.01192D-03	8.11542D-04	-3.58693D-05	-5.79707D-05	1.89634D-05
195	7.06988D-04	-1.82162D-04	1.96434D-04	-1.47709D-05	-3.72330D-05	8.56829D-06
196	3.50567D-04	-1.30956D-03	8.81899D-04	-1.28711D-04	-9.06383D-06	-7.51046D-05
197	1.68483D-03	-1.37328D-03	-1.46342D-03	-1.40888D-04	-8.46593D-06	-7.91712D-05
198	9.45914D-04	-2.66505D-03	-2.97114D-05	-1.51169D-04	-8.25653D-06	-7.91257D-05
199	1.19000D-03	-1.25545D-02	3.63826D-04	-3.01229D-04	-1.11918D-05	-5.67234D-05
200	1.40864D-03	-1.28993D-02	-3.27588D-04	-2.81183D-04	-6.00762D-05	-9.02226D-05
201	1.05175D-03	-1.29010D-02	5.98214D-04	-2.79677D-04	-6.14955D-05	-1.16216D-04
202	8.03008D-04	-1.29021D-02	1.17575D-03	-2.81494D-04	-6.23795D-05	-1.18593D-04
203	4.39112D-04	-1.28645D-02	2.07116D-03	-2.93255D-04	-6.73482D-05	-8.91927D-05
204	6.02507D-04	-1.27838D-02	1.52449D-03	-2.79945D-04	-8.17369D-05	-1.32780D-04
205	7.70827D-04	-1.23489D-02	9.61474D-04	-2.79764D-04	-8.81456D-05	-1.33447D-04
206	1.82293D-03	-1.23413D-02	-1.65759D-03	-2.56303D-04	-8.12535D-05	-1.38068D-04
207	2.65212D-03	-8.79904D-03	-4.33028D-03	-2.24521D-04	-4.35037D-05	-1.69970D-04
208	1.62712D-03	1.47902D-08	-9.14855D-04	-1.66459D-04	6.52766D-05	-1.63368D-04
209	-4.77513D-03	4.38772D-02	4.63655D-02	3.02913D-04	6.79362D-04	-4.55142D-04
210	-1.04927D-02	4.46406D-02	4.41359D-02	2.31384D-04	6.94202D-04	-4.57812D-04
211	-5.14678D-04	4.43243D-02	5.04589D-02	3.14883D-04	6.91272D-04	-4.54387D-04
212	-1.64239D-02	4.42581D-02	4.17643D-02	9.30467D-05	7.10409D-04	-4.54511D-04
213	-4.55812D-02	6.25104D-07	3.03412D-02	-1.73006D-03	6.71227D-04	8.32396D-05
214	4.02132D-02	2.30292D-07	-1.49471D-01	-1.76206D-03	-3.45403D-03	-1.24005D-04
215	1.98197D-01	-1.87315D-02	3.54057D-02	-7.05918D-05	3.67603D-03	-8.28163D-04
216	1.64087D-01	-1.00008D-02	5.84922D-02	-4.40011D-04	2.05425D-03	-7.81861D-04
217	1.65062D-01	-3.08884D-02	1.07786D-02	-3.22251D-04	2.44457D-03	-1.02678D-03
218	1.46105D-01	-4.99924D-02	-4.93893D-07	-4.58584D-04	1.01828D-03	-7.53238D-04
219	6.27379D-02	-5.10160D-02	8.90507D-03	1.41579D-04	5.68989D-04	-1.43031D-03
220	5.98644D-02	-5.10210D-02	8.61421D-03	1.43795D-04	5.66171D-04	-1.43607D-03
221	5.93798D-02	-5.88217D-02	5.50678D-03	1.43761D-04	5.66065D-04	-1.43684D-03
222	5.69685D-02	-5.10237D-02	8.31792D-03	1.45919D-04	5.63455D-04	-1.44101D-03
223	3.23325D-02	-5.10956D-02	5.33715D-03	1.94734D-04	4.76837D-04	-1.54129D-03
224	2.92264D-02	-5.10976D-02	4.93966D-03	1.95666D-04	4.74121D-04	-1.54261D-03
225	2.87298D-02	-5.94673D-02	2.31620D-03	1.95634D-04	4.74074D-04	-1.54341D-03
226	2.61131D-02	-5.10973D-02	4.53995D-03	1.96481D-04	4.71449D-04	-1.54286D-03
227	1.64405D-03	-3.53424D-02	-2.50325D-03	-4.30235D-04	-3.35120D-05	6.32635D-04
228	1.62978D-01	-7.58279D-07	8.14979D-02	-6.54216D-04	1.32949D-03	-3.45092D-04
229	1.62545D-01	1.74465D-03	9.49949D-02	-6.14133D-04	8.75636D-04	-6.78769D-05
230	1.62233D-01	1.75960D-03	9.72657D-02	-4.57867D-04	8.32509D-04	-2.03256D-04
231	3.97059D-06	-1.11647D-01	5.46108D-07	-3.17893D-03	-3.90856D-03	7.07922D-03
232	-2.57321D-01	-1.03429D-01	-1.39791D-01	4.00620D-03	-8.45263D-03	-5.03041D-03
233	-2.47094D-01	-1.03401D-01	-1.31685D-01	4.03114D-03	-8.46166D-03	-5.05303D-03
234	-2.94526D-01	-1.24101D-01	-1.34872D-01	4.03294D-03	-8.46579D-03	-5.05314D-03
235	-2.36767D-01	-1.03368D-01	-1.23505D-01	4.05319D-03	-8.46675D-03	-5.07224D-03

236	-1.19730D-08	2.14870D-03	-2.54513D-09	1.24698D-03	-3.27875D-04	-1.80558D-03
237	-1.81207D-03	2.15217D-03	-1.24842D-03	1.23446D-03	-3.38656D-04	-1.79221D-03
238	-1.25245D-02	2.15799D-03	-8.61309D-03	1.21538D-03	-3.52567D-04	-1.76998D-03
239	-1.25284D-02	1.33487D-02	-1.08667D-02	1.21538D-03	-3.56161D-04	-1.77440D-03
240	-2.30411D-02	2.15985D-03	-1.58382D-02	1.19460D-03	-3.57579D-04	-1.73461D-03
241	-1.43736D-03	-3.85723D-04	-3.73614D-04	-1.07931D-04	-8.54237D-05	2.92365D-04
242	-3.73786D-04	3.36110D-04	1.05670D-04	-4.64590D-05	-1.82073D-05	1.67666D-04
243	-3.71634D-04	-1.05083D-03	-2.72985D-05	-3.38073D-05	-1.52034D-05	1.58374D-04
244	-1.96485D-04	5.21389D-04	4.36340D-06	4.33803D-05	1.71721D-05	9.87086D-06
245	-9.53149D-05	2.57801D-04	3.04539D-06	3.79259D-05	1.44704D-05	7.17335D-06
246	-1.40927D-04	2.57881D-04	2.42702D-04	3.80061D-05	1.44704D-05	7.21996D-06
247	-1.64059D-05	4.66341D-05	1.65541D-06	2.57482D-05	9.66559D-06	4.36043D-06
248	-2.74945D-04	-8.49848D-04	-1.07180D-05	7.09207D-05	-2.20538D-05	-1.37796D-06
249	-1.37868D-04	-4.19718D-04	-7.28102D-06	6.18671D-05	-1.97654D-05	-9.11864D-07
250	-1.32518D-04	-4.19848D-04	3.83626D-04	6.19939D-05	-1.97654D-05	-8.68038D-07
251	-2.59024D-05	-7.56975D-05	-3.95780D-06	4.19593D-05	-1.36016D-05	-5.54291D-07
252	1.01963D-03	-4.64693D-03	7.07704D-06	-2.09326D-04	-1.35572D-05	-8.03380D-05

M O D A L A N A L Y S I S

MODE NUMBER 39
FREQUENCY= 28.6474 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	6.42317D-02	-5.34459D-02	-1.75910D-02	-5.69993D-04	-8.39952D-04	7.29590D-04
3	5.59432D-02	-6.42935D-02	-2.67453D-02	-3.40871D-04	-1.88241D-04	1.48748D-03
4	2.83975D-02	-6.42388D-02	-3.26160D-02	-2.79456D-04	-1.32395D-04	1.53598D-03
5	4.89883D-03	-5.52446D-02	-3.23978D-02	1.80890D-04	-2.02502D-04	1.59067D-03
6	-1.31145D-03	-2.09438D-02	-2.46410D-02	2.41054D-04	-3.05563D-04	1.13647D-03
7	6.38258D-03	1.72226D-02	-9.97349D-03	-8.80121D-05	-3.12785D-04	3.41570D-04
8	1.31798D-02	-2.21998D-02	3.01376D-03	-4.60192D-05	1.88096D-04	-4.14174D-04
9	-1.56200D-02	-5.77993D-03	-2.46721D-02	8.36092D-04	3.22329D-04	-9.29811D-05
10	-1.97288D-02	-7.49365D-07	-2.91737D-02	4.11235D-04	2.59711D-04	-3.30935D-04
11	-1.48268D-03	-5.39770D-02	-2.87658D-02	3.95647D-04	-1.43029D-04	-5.21621D-04
12	-5.10159D-03	-2.83997D-06	-2.88410D-02	8.31113D-04	2.15650D-04	-5.32441D-05
13	-1.17146D-02	7.64754D-03	-2.13823D-02	5.00127D-04	3.62977D-04	3.83578D-04
14	-1.17780D-02	-5.86140D-03	1.07102D-02	-1.64319D-05	1.80678D-04	-3.84641D-04
15	-2.42004D-02	4.86759D-03	1.06196D-02	2.39781D-04	4.07936D-05	6.61885D-05
16	-2.21767D-02	5.67895D-03	6.46608D-03	2.50211D-04	-3.03061D-04	3.40477D-04
17	-2.20532D-02	-3.87244D-02	-2.48154D-02	3.28906D-04	-2.03034D-04	3.56885D-04
18	-2.23939D-02	-4.41730D-02	-2.63549D-02	3.02690D-04	1.89822D-06	9.13027D-05
19	-2.17596D-02	-4.80134D-02	-2.57747D-02	3.27148D-04	7.38753D-05	-7.06053D-05
20	-2.09675D-02	-4.66777D-02	-2.37749D-02	2.91657D-04	1.66408D-04	-3.51721D-04
21	-2.07218D-02	-1.75208D-02	-1.29524D-02	3.10387D-04	1.82467D-04	-6.35433D-04
22	-9.29061D-03	-1.77508D-03	-4.61209D-03	2.12440D-04	5.14437D-05	-4.53254D-04
23	-9.00708D-10	-5.41862D-10	-3.49469D-10	2.73368D-08	-4.75627D-09	-5.25697D-08
25	7.37252D-02	-3.33680D-02	2.26619D-02	-8.67564D-04	-1.15712D-03	4.61511D-04
26	8.21192D-02	-6.25999D-02	-1.54372D-02	-2.57856D-03	-7.22277D-04	9.47996D-04
27	7.13323D-02	-6.25471D-02	-4.43448D-02	-2.60014D-03	-7.13086D-04	1.00707D-03
28	4.31979D-02	-3.28902D-02	-7.92470D-02	-2.25369D-03	-1.15854D-03	1.20710D-03
29	4.31402D-02	-1.94791D-02	-6.63482D-02	-2.19261D-03	-1.20667D-03	1.13299D-03
30	3.85739D-02	2.23685D-02	-2.49515D-01	-3.00276D-03	1.66718D-03	3.69711D-04
31	5.71935D-02	-1.44462D-03	9.52435D-02	-3.48886D-03	2.40580D-03	3.32266D-03
32	-1.72314D-02	4.06483D-03	2.13080D-02	-1.11296D-03	7.27833D-05	1.70076D-03
33	-1.18856D-02	7.85316D-05	2.07150D-02	2.58425D-04	-1.99305D-04	6.03286D-04
34	-4.73377D-04	2.40348D-02	1.08108D-02	-1.68742D-04	-1.08834D-04	-7.28318D-04
35	1.26222D-03	2.53553D-02	1.02217D-02	-3.10680D-04	-6.19493D-05	-8.75149D-04
36	-5.59590D-03	-2.31358D-02	-2.23763D-02	7.24674D-04	-3.23196D-04	6.92370D-04
37	-1.17901D-02	-2.81473D-02	-1.44025D-02	4.32018D-04	-1.71992D-04	3.54120D-04
38	-8.88315D-03	-2.96166D-02	6.27270D-03	2.95936D-04	-2.30853D-04	-5.19443D-04
39	-7.40034D-03	1.29697D-02	1.21237D-02	7.67553D-04	3.43056D-04	-7.01268D-04
40	-6.18703D-03	1.35355D-02	4.40767D-03	1.45549D-03	1.32692D-04	4.35032D-04
41	-2.89389D-03	1.35559D-02	-6.07795D-03	1.52704D-03	1.13434D-04	4.79047D-04
42	3.02165D-03	3.06806D-02	-2.20856D-02	1.97308D-03	-9.27325D-05	7.98969D-04
43	4.67803D-03	6.30267D-02	-2.21134D-02	1.92303D-03	-9.99950D-05	8.95017D-04
44	5.36990D-03	6.80352D-02	-2.24945D-02	1.41531D-03	3.90625D-05	1.35279D-03
45	5.28464D-03	2.63212D-02	-1.60035D-02	-5.26808D-04	-1.34819D-04	-5.14562D-04
46	5.28929D-03	2.71485D-02	-1.61374D-02	-5.84037D-04	4.19872D-05	-2.67688D-04
47	-8.67985D-03	5.09073D-02	2.60422D-02	-1.68426D-03	-1.52238D-04	-1.55076D-03
48	-7.79132D-03	5.36609D-02	2.46651D-02	-1.73125D-03	-2.48761D-04	-1.41344D-03
49	1.50361D-02	2.95270D-02	3.80816D-03	-7.54211D-04	1.09829D-05	-1.16908D-03
50	1.01703D-02	1.54527D-02	2.49612D-03	-3.78404D-04	3.36411D-04	-9.63169D-04
51	8.78662D-03	9.67638D-03	9.38519D-04	-3.65087D-04	3.33660D-04	-9.43214D-04

52	9.95004D-05	2.51697D-06	1.60220D-05	-5.10857D-06	1.87587D-05	-2.64292D-05
53	7.35269D-11	2.10101D-11	4.13707D-11	-4.92792D-10	1.62568D-09	-3.12452D-09
54	1.66000D-02	-2.22007D-02	-4.05959D-05	-7.08712D-04	-2.78713D-04	-9.84740D-04
55	3.10898D-02	-8.04789D-02	4.81684D-03	-2.10117D-03	-5.57507D-04	-7.32056D-04
56	3.22917D-02	-1.07686D-01	6.56096D-03	-2.94316D-03	3.19825D-04	-3.07418D-04
57	4.09192D-02	9.69467D-03	-1.92848D-02	-2.00169D-03	2.19554D-04	-2.52178D-03
58	1.87515D-02	2.72324D-02	-6.10755D-04	-1.86855D-03	4.54529D-06	-1.91639D-03
59	-9.46245D-03	2.87292D-02	2.88660D-02	-1.76028D-03	-1.08323D-04	-1.55832D-03
60	-2.20785D-02	-5.83621D-03	9.56453D-03	1.73685D-03	1.57771D-04	4.30774D-04
61	-3.29701D-02	1.81991D-02	3.94590D-02	4.60800D-04	-2.97424D-04	1.47787D-04
62	1.06126D-03	-5.90241D-03	5.41336D-02	-6.47724D-04	-3.42752D-04	-3.29043D-04
63	3.54901D-04	-1.17852D-02	4.90202D-02	-2.17007D-04	9.77223D-04	-5.46716D-06
64	4.94645D-04	-1.24072D-02	-4.12182D-02	4.07504D-04	1.23627D-03	-4.56697D-05
65	5.06090D-03	-1.52050D-02	-4.29275D-02	1.21516D-03	5.96658D-04	-4.25218D-04
66	1.80934D-02	-1.51444D-02	-4.40024D-03	1.29906D-03	4.98734D-04	-4.08890D-04
67	1.59500D-02	-2.05903D-03	1.05610D-02	9.58650D-04	5.37127D-04	-3.03442D-04
68	-3.75141D-02	3.66528D-02	-1.99765D-02	-3.54620D-04	1.51409D-06	2.76863D-05
69	-3.59342D-02	3.21420D-02	-1.96487D-02	-7.68823D-04	-3.41638D-04	-6.06486D-05
70	-2.16811D-02	1.37987D-05	-1.94639D-02	-6.67250D-04	-2.24945D-04	-1.58000D-05
71	-2.20392D-02	-8.46318D-04	-8.44145D-03	-6.16645D-04	-3.86596D-04	-4.77076D-05
72	-2.20550D-02	-9.79257D-04	-9.90866D-04	-1.60432D-04	-2.49850D-04	8.65477D-05
73	-4.56894D-05	-1.01442D-03	-9.41093D-03	1.42383D-04	-1.38587D-04	2.62778D-04
74	2.92477D-03	9.37314D-04	-8.79475D-03	1.13155D-04	-1.38631D-04	5.53734D-05
76	-2.14202D-02	4.97294D-04	-2.11525D-02	-4.63008D-04	9.41974D-05	-8.49299D-05
77	-2.11731D-02	4.25181D-03	-1.58350D-02	-3.08645D-04	2.73293D-04	-2.20882D-04
78	-3.19890D-03	1.73283D-02	-1.09737D-03	3.46085D-04	1.06902D-03	-1.01624D-03
79	4.11325D-02	1.59183D-02	1.57020D-02	-6.04870D-04	1.70896D-03	8.96555D-04
80	2.84853D-03	1.98239D-03	7.55631D-05	-1.77347D-04	2.51422D-04	1.76718D-04
82	3.62999D-03	4.39451D-04	7.97024D-04	-5.66052D-05	1.40155D-04	2.48983D-04
83	4.34508D-03	9.10230D-04	3.48198D-04	-8.84162D-05	1.43715D-04	3.74853D-05
84	3.52467D-03	4.99212D-04	-1.95955D-03	-7.37060D-05	1.27438D-04	-1.76815D-05
85	2.99006D-03	1.21537D-04	-2.14334D-03	-6.69868D-05	9.95734D-05	-6.60876D-05
86	4.76238D-05	1.06141D-04	-1.52309D-05	-2.12177D-05	4.86770D-06	-2.80797D-05
87	4.00632D-05	-4.98039D-05	-1.09113D-05	-1.43410D-05	-4.52205D-06	-1.09273D-05
88	2.19271D-05	-2.53383D-05	-1.39971D-06	-3.43310D-06	-2.04551D-06	-6.80715D-06
90	4.51990D-05	2.06983D-04	-9.50872D-07	-2.26684D-05	1.28881D-06	-4.34709D-06
91	3.49233D-05	1.26411D-04	1.31534D-06	-1.13833D-05	2.61864D-06	-2.98226D-06
93	1.07597D-02	-8.45206D-03	-3.00632D-03	-3.72903D-04	-5.62174D-04	2.86948D-04
94	4.74553D-02	-3.86804D-02	-1.30193D-02	-5.77367D-04	-8.62311D-04	6.16911D-04
95	-2.81955D-03	-3.40860D-02	-2.75089D-02	2.04290D-04	-3.02046D-04	1.24101D-03
96	-3.89827D-03	-2.11888D-02	-2.32793D-02	6.19287D-04	-3.16975D-04	8.20205D-04
97	2.69613D-04	-8.54465D-03	-2.16332D-02	1.98712D-04	-3.12534D-04	1.01856D-03
98	1.54052D-03	-7.75417D-07	-1.92145D-02	1.42101D-04	-3.17531D-04	8.82862D-04
99	3.68351D-03	-2.68719D-02	-6.02811D-03	3.22778D-04	3.65838D-04	-2.61455D-04
100	-4.16941D-03	-2.42142D-02	-1.35794D-02	5.57548D-04	3.93778D-04	-1.61565D-04
101	-1.29326D-02	-1.14946D-02	-2.20800D-02	7.77761D-04	3.50426D-04	-9.71653D-05
102	-1.82404D-02	-1.24093D-03	-2.75333D-02	5.82009D-04	2.96459D-04	-2.32840D-04
103	-1.71526D-02	-5.80647D-03	-1.14272D-02	1.39744D-03	2.46595D-04	2.15924D-04
104	-3.09127D-04	-4.98541D-02	-2.88366D-02	6.23523D-04	-4.38814D-05	-4.65769D-04
105	5.16200D-05	-3.53975D-02	-2.88798D-02	7.60938D-04	3.86581D-05	-4.33961D-04
106	1.33320D-02	-3.67733D-02	-9.60951D-03	7.25417D-04	4.16459D-05	-4.94674D-04
107	-1.84220D-03	-1.68662D-02	-2.88649D-02	8.78583D-04	1.23546D-04	-2.78667D-04
108	-1.17299D-02	4.24168D-03	-1.83865D-02	4.81858D-04	3.56365D-04	3.98110D-04
109	-1.31061D-02	4.76815D-03	-1.82596D-02	-4.43207D-05	8.32482D-05	7.53225D-05
110	-1.31834D-02	4.32244D-03	-1.82048D-02	-5.89885D-05	5.88737D-07	-6.30152D-05
111	-1.28880D-02	4.06624D-03	-1.81176D-02	1.77047D-04	-8.65279D-05	-2.82050D-04
112	-1.22420D-02	5.83041D-03	-1.80487D-02	5.61066D-04	-1.02751D-04	-4.23168D-04
113	3.45846D-03	1.09334D-02	5.28579D-02	3.56636D-03	6.75098D-05	-6.55018D-04
114	-1.14118D-02	6.66841D-03	-1.80508D-02	-9.65190D-05	-1.58765D-04	-4.30799D-04
115	-1.09276D-02	5.62652D-03	-1.80521D-02	-4.63392D-04	-1.90497D-04	-4.37345D-04

116	-1.02054D-02	3.14734D-03	-1.80536D-02	-7.58503D-04	-2.16294D-04	-4.45761D-04
117	-9.41958D-03	2.38078D-07	-1.80543D-02	-8.58760D-04	-2.25180D-04	-4.45761D-04
118	-1.16345D-02	3.14764D-03	-1.62253D-02	-6.45949D-04	-1.62017D-04	-6.25114D-04
119	-7.70886D-03	-6.55315D-03	-1.80550D-02	-8.59558D-04	-2.24242D-04	-4.45761D-04
120	-1.57105D-02	3.14818D-03	-1.32046D-02	-5.02859D-04	-5.08772D-05	-8.50443D-04
121	-1.89852D-02	1.87655D-03	-1.12514D-02	-4.94546D-04	-4.26458D-05	-8.63092D-04
122	-1.17498D-02	4.85939D-07	-1.48133D-02	4.66314D-04	3.40901D-04	3.92085D-04
123	-1.17837D-02	-7.18751D-03	-8.68119D-03	4.36782D-04	3.03208D-04	3.38170D-04
124	-1.18467D-02	-1.79344D-02	3.22849D-03	3.62175D-04	1.79750D-04	5.97392D-05
125	-1.18558D-02	-1.81869D-02	4.88511D-03	3.46632D-04	1.47793D-04	-2.11935D-05
126	-1.18687D-02	-1.66879D-02	7.57294D-03	3.27358D-04	1.05213D-04	-1.30730D-04
127	-9.60568D-03	-1.59322D-02	1.80646D-02	3.89173D-04	1.08199D-04	-9.52276D-05
128	-1.18257D-02	-1.19644D-02	9.03337D-03	1.82356D-04	9.54791D-05	-2.70659D-04
129	-1.18093D-02	-1.00406D-02	9.47034D-03	1.12196D-04	1.15352D-04	-3.18994D-04
130	-9.18774D-03	-4.62550D-03	1.06479D-02	-1.59498D-04	2.28268D-04	-5.15775D-04
131	-1.39851D-02	-5.69274D-03	1.07017D-02	3.83486D-05	1.93473D-04	-3.19390D-04
132	-2.21724D-02	-6.00302D-07	1.41339D-03	2.62863D-04	-3.45428D-04	4.23906D-04
133	-2.09057D-02	-4.02696D-02	-2.09518D-02	2.96935D-04	1.91549D-04	-4.67533D-04
134	-4.63490D-03	3.73582D-07	1.05484D-02	-3.28951D-04	2.35756D-04	-7.18436D-04
135	-1.06148D-03	6.18586D-03	1.04577D-02	-4.12119D-04	1.77534D-04	-8.97254D-04
136	2.10826D-03	1.54884D-02	1.03574D-02	-4.05006D-04	7.16647D-05	-1.04508D-03
137	3.37769D-02	1.81350D-02	-5.06911D-04	-4.10866D-04	7.89783D-05	-1.17391D-03
138	1.77320D-03	2.33731D-02	1.02589D-02	-3.42455D-04	-3.63196D-05	-9.30883D-04
139	-4.15515D-03	8.95875D-03	1.39297D-02	9.57858D-05	-1.18694D-04	-3.16894D-04
140	-9.04166D-03	-1.91573D-06	1.81522D-02	2.99638D-04	-1.70183D-04	2.46252D-04
141	-1.06776D-02	-6.23895D-04	1.96202D-02	2.99849D-04	-1.89863D-04	4.35787D-04
142	-1.00409D-02	3.52085D-03	2.01164D-02	2.05453D-04	-5.78961D-05	4.28926D-04
143	-9.94687D-03	4.80071D-03	2.01497D-02	5.33043D-05	-1.53818D-05	3.14284D-04
144	-9.95619D-03	5.26626D-03	2.00434D-02	-3.24410D-04	3.38753D-05	-4.03065D-06
145	-1.01166D-02	2.73808D-03	1.98060D-02	-6.89775D-04	4.90201D-05	-3.31125D-04
146	2.96659D-02	6.61722D-04	-3.06842D-02	-2.40768D-03	-2.69104D-05	-1.99366D-03
147	-1.04129D-02	-1.21454D-04	1.95138D-02	-4.23345D-04	8.09996D-05	-5.84300D-05
148	-1.05918D-02	-5.58170D-04	1.93376D-02	-2.77055D-04	9.91110D-05	9.32326D-05
149	-1.08618D-02	-4.69611D-04	1.90706D-02	-1.62532D-04	1.13830D-04	2.14662D-04
150	-1.11566D-02	-1.40386D-07	1.87771D-02	-1.21038D-04	1.18902D-04	2.56156D-04
151	-1.04452D-02	-4.69857D-04	1.98568D-02	-4.11438D-04	8.23084D-05	1.12989D-04
152	-1.17957D-02	7.29008D-04	1.81392D-02	-1.20976D-04	1.18356D-04	2.56219D-04
153	-1.02462D-02	-4.70350D-04	2.30644D-02	-7.25765D-04	1.77634D-05	-1.63357D-05
154	-1.03598D-02	-1.85080D-03	2.59534D-02	-7.43623D-04	1.29827D-05	-2.38071D-05
155	-1.67503D-02	3.22220D-06	2.18543D-02	-1.49003D-03	1.91649D-04	1.94157D-03
156	-1.07571D-03	-3.49356D-03	3.75080D-02	-3.05395D-03	1.17193D-03	3.05513D-03
157	1.88025D-02	-3.95274D-03	5.77731D-02	-3.46778D-03	1.66625D-03	3.48472D-03
158	-8.00805D-02	7.86741D-03	-4.20059D-02	-3.62476D-03	1.65788D-03	3.78242D-03
159	4.91291D-02	-1.93210D-03	8.72572D-02	-3.48830D-03	2.12493D-03	3.39072D-03
160	7.61880D-02	-5.95016D-07	1.14249D-01	-3.46993D-03	2.83944D-03	3.20197D-03
161	2.04240D-01	-3.31077D-03	2.66640D-01	-3.31281D-03	9.43060D-04	2.29978D-03
162	1.36368D-01	2.72358D-07	1.15952D-01	-3.31216D-03	-4.01883D-03	1.07164D-03
163	1.11374D-01	5.10557D-03	4.86505D-02	-3.31892D-03	-4.29997D-03	8.36423D-04
164	9.54383D-02	9.27502D-03	8.71275D-04	-3.31422D-03	-4.30694D-03	7.02544D-04
165	4.13836D-02	2.94974D-02	-2.29888D-01	-3.19035D-03	-2.27434D-03	3.56883D-04
166	-1.24781D-02	-2.95979D-02	4.25453D-03	2.84562D-04	-2.30214D-04	-5.05412D-04
167	-3.75111D-03	-2.94802D-02	9.23630D-03	3.02109D-04	-2.30651D-04	-5.16293D-04
168	-9.26820D-03	-2.59601D-02	4.42893D-03	3.03067D-04	-2.27024D-04	-5.39189D-04
169	-9.72557D-03	-1.89064D-02	2.06732D-03	3.77461D-04	-7.36002D-05	-6.92282D-04
170	-8.30124D-03	5.75561D-03	8.12580D-03	6.52680D-04	3.15933D-04	-7.90450D-04
171	-1.15904D-02	5.75737D-03	5.98942D-03	6.39514D-04	3.15933D-04	-1.15409D-03
172	-1.50122D-02	5.75874D-03	4.28094D-03	6.33099D-04	3.15933D-04	-1.35797D-03
173	-2.20695D-02	5.75941D-03	1.03888D-03	6.32579D-04	3.15933D-04	-1.38359D-03
174	-3.14763D-02	5.75955D-03	-3.23798D-03	6.34037D-04	3.15933D-04	-1.39775D-03
175	-7.85941D-03	9.50402D-03	1.00864D-02	7.08229D-04	3.35159D-04	-7.54757D-04

176	-4.77572D-03	1.35444D-02	-4.16268D-08	1.48746D-03	1.24438D-04	4.56577D-04
177	5.37532D-03	4.35092D-08	-1.53828D-02	8.89680D-04	2.45187D-04	9.59048D-04
178	5.34853D-03	-1.87377D-02	-4.40072D-08	1.72276D-04	-3.97193D-05	-3.91054D-04
179	-2.73007D-03	3.49230D-08	9.58931D-03	-1.08415D-03	1.19820D-04	-2.25726D-04
180	-1.14986D-03	1.90891D-02	3.80925D-03	-1.61459D-03	1.80831D-04	-3.83297D-04
181	-1.84614D-03	1.74118D-02	6.03759D-03	-1.68898D-03	2.62921D-04	-2.90454D-04
182	-9.87370D-03	1.45826D-02	3.03543D-02	-1.77898D-03	-7.85808D-05	-1.45652D-03
183	-9.70717D-03	2.07795D-02	2.97450D-02	-1.77164D-03	-9.40302D-05	-1.49887D-03
184	3.03636D-03	2.86277D-02	1.52899D-02	-1.83020D-03	-5.76094D-05	-1.74255D-03
185	-9.19699D-03	3.73078D-02	2.78949D-02	-1.72624D-03	-1.27145D-04	-1.57020D-03
186	7.81759D-03	2.52579D-02	1.03759D-02	-1.38218D-03	-2.22659D-04	-1.19309D-03
187	9.47317D-03	2.28070D-02	8.83438D-03	-1.29941D-03	-1.98401D-04	-1.19605D-03
188	1.08750D-02	2.12266D-02	7.58962D-03	-1.20392D-03	-1.73607D-04	-1.21463D-03
189	9.47852D-03	1.25765D-02	1.72613D-03	-3.71903D-04	3.35791D-04	-9.53360D-04
190	4.06075D-02	3.57362D-07	-1.97997D-06	-2.74656D-03	2.33610D-03	-1.09724D-05
191	4.30132D-02	-1.05799D-06	-4.44280D-02	-2.24599D-03	-1.29931D-03	8.83442D-04
192	4.30633D-02	-6.70910D-03	-5.27787D-02	-2.22616D-03	-1.26481D-03	1.00196D-03
193	3.31560D-02	-1.97114D-02	-8.24552D-02	-1.25029D-03	-1.13306D-03	1.02936D-03
194	5.45772D-02	-2.29022D-02	1.60605D-02	-7.14405D-04	-1.13103D-03	3.70274D-04
195	1.37638D-02	-4.76069D-03	3.93413D-03	-3.34374D-04	-7.26223D-04	1.55126D-04
196	9.84668D-03	-2.21641D-02	4.44746D-03	-5.97735D-04	-2.88009D-04	-9.50079D-04
197	2.68020D-02	-2.25906D-02	-7.17126D-03	-7.13915D-04	-2.79289D-04	-1.00238D-03
198	1.86909D-02	-3.07876D-02	6.29810D-04	-8.28445D-04	-2.79115D-04	-9.87160D-04
199	3.14375D-02	-1.13037D-01	9.61211D-03	-2.92685D-03	1.98336D-04	-3.34910D-04
200	3.16890D-02	-1.20712D-01	9.25102D-03	-2.82109D-03	-1.94870D-04	-6.29056D-04
201	2.92085D-02	-1.20728D-01	1.87856D-02	-2.93245D-03	-1.62260D-04	-8.05937D-04
202	2.74855D-02	-1.20737D-01	2.49032D-02	-2.99633D-03	-1.41947D-04	-8.19657D-04
203	2.46068D-02	-1.21774D-01	3.66762D-02	-3.13766D-03	-1.47087D-04	-6.34940D-04
204	2.51349D-02	-1.22979D-01	3.48602D-02	-3.01830D-03	-3.93100D-04	-1.13591D-03
205	2.60849D-02	-1.20519D-01	3.16077D-02	-3.07029D-03	-5.31882D-04	-1.06247D-03
206	3.36663D-02	-1.20438D-01	3.22011D-03	-2.65698D-03	-4.37842D-04	-1.09792D-03
207	3.94864D-02	-9.63180D-02	-1.51604D-02	-2.47912D-03	-4.27366D-04	-1.49337D-03
208	4.12761D-02	2.50649D-07	-2.04347D-02	-2.03748D-03	2.11147D-04	-2.42997D-03
209	-2.70454D-02	2.36665D-02	4.25311D-02	1.19253D-04	-4.29695D-04	1.18707D-04
210	-2.34319D-02	2.48957D-02	4.40712D-02	9.04643D-05	-4.43644D-04	1.18031D-04
211	-2.71912D-02	2.50343D-02	4.82079D-02	1.73935D-04	-4.47207D-04	1.66964D-04
212	-1.96570D-02	2.54173D-02	4.56088D-02	4.44666D-06	-4.52674D-04	7.76882D-05
213	-1.74765D-03	5.32933D-07	5.29874D-02	-6.96638D-04	-3.98088D-04	-3.25866D-04
214	1.45749D-02	-8.26564D-08	9.77365D-03	9.39193D-04	5.37153D-04	-2.95043D-04
215	-2.44999D-02	7.07768D-03	-1.95122D-02	-7.52447D-04	-3.05309D-04	-2.64566D-05
216	-2.16036D-02	-8.06777D-05	-2.11275D-02	-6.03424D-04	-1.18075D-04	-1.42236D-05
217	-2.17088D-02	-2.03161D-04	-1.68075D-02	-6.48561D-04	-2.64780D-04	-2.25849D-05
218	-2.15473D-02	-9.81679D-04	-2.37122D-07	-1.24300D-04	-2.43455D-04	9.80134D-05
219	-7.39891D-03	-1.00829D-03	-5.18367D-03	1.51283D-04	-1.58189D-04	2.47106D-04
220	-6.90219D-03	-1.00843D-03	-5.48957D-03	1.51353D-04	-1.57655D-04	2.47888D-04
221	-6.80623D-03	3.68699D-04	-4.67577D-03	1.51357D-04	-1.57584D-04	2.47889D-04
222	-6.40255D-03	-1.00858D-03	-5.79459D-03	1.51367D-04	-1.57187D-04	2.48623D-04
223	-2.18573D-03	-1.01298D-03	-8.25063D-03	1.46028D-04	-1.42283D-04	2.62805D-04
224	-1.65650D-03	-1.01311D-03	-8.54409D-03	1.45684D-04	-1.41815D-04	2.62956D-04
225	-1.55937D-03	4.44838D-04	-7.81660D-03	1.45690D-04	-1.41703D-04	2.62961D-04
226	-1.12673D-03	-1.01327D-03	-8.83523D-03	1.45318D-04	-1.41456D-04	2.63033D-04
227	1.50280D-03	9.07547D-04	-4.57885D-03	8.08710D-05	-1.19901D-04	1.71609D-05
228	-2.14894D-02	1.34842D-07	-2.16929D-02	-5.14464D-04	2.07688D-05	-4.98331D-05
229	-2.19583D-02	4.94509D-04	-1.84731D-02	-3.97124D-04	9.66894D-05	-6.36256D-05
230	-2.21911D-02	4.92748D-04	-1.69725D-02	-3.68686D-04	9.82531D-05	-3.69526D-05
231	-4.15694D-07	1.73234D-02	-1.12567D-07	3.49445D-04	1.07647D-03	-1.00508D-03
232	4.89798D-02	1.59744D-02	2.08086D-02	-5.69724D-04	1.70315D-03	8.60706D-04
233	4.72262D-02	1.59698D-02	1.96550D-02	-5.73705D-04	1.70440D-03	8.65577D-04
234	5.67404D-02	1.88803D-02	2.02341D-02	-5.73989D-04	1.70522D-03	8.65603D-04
235	4.54519D-02	1.59645D-02	1.84896D-02	-5.77242D-04	1.70486D-03	8.69791D-04

236	2.14303D-09	4.41580D-04	2.45336D-09	-5.69489D-05	1.40324D-04	2.65523D-04
237	2.66728D-04	4.41074D-04	5.77735D-05	-5.70556D-05	1.40715D-04	2.63172D-04
238	1.83864D-03	4.40223D-04	4.01160D-04	-5.69020D-05	1.41219D-04	2.59238D-04
239	1.83923D-03	-1.19669D-03	1.29486D-03	-5.69020D-05	1.41665D-04	2.59650D-04
240	3.37817D-03	4.39740D-04	7.40883D-04	-5.66549D-05	1.40620D-04	2.53556D-04
241	1.87181D-04	1.07476D-04	-1.11240D-04	-2.52629D-05	1.30065D-05	-3.76719D-05
242	4.74483D-05	-3.63544D-06	-2.42195D-05	-1.68126D-05	2.03112D-06	-2.47489D-05
243	4.71190D-05	2.02799D-04	-3.98854D-06	-2.03352D-05	3.05334D-06	-2.21612D-05
244	1.97605D-05	-2.24437D-05	-1.18092D-06	-2.70820D-06	-1.83665D-06	-5.60095D-06
245	9.36126D-06	-9.14651D-06	-8.13475D-07	-1.83963D-06	-1.48163D-06	-4.04470D-06
246	3.49515D-05	-9.14948D-06	-1.24418D-05	-1.84392D-06	-1.48163D-06	-4.05674D-06
247	1.49862D-06	-7.33505D-07	-4.42187D-07	-1.07428D-06	-9.68961D-07	-2.45863D-06
248	3.16808D-05	1.13994D-04	1.10284D-06	-1.03842D-05	2.58024D-06	-2.45842D-06
249	1.58126D-05	5.42798D-05	7.45971D-07	-8.51333D-06	2.28674D-06	-1.78256D-06
250	2.71270D-05	5.42974D-05	-5.30528D-05	-8.53161D-06	2.28674D-06	-1.79190D-06
251	2.93399D-06	8.83434D-06	4.05493D-07	-5.59310D-06	1.56645D-06	-1.08355D-06
252	2.14140D-02	-4.49558D-02	1.60625D-03	-1.46135D-03	-4.30132D-04	-9.45997D-04

M O D A L A N A L Y S I S

MODE NUMBER 40
FREQUENCY= 28.8361 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.61289D-01	1.11595D-01	4.43560D-02	1.20712D-03	2.16954D-03	-1.93630D-03
3	-1.39882D-01	1.41898D-01	7.49423D-02	1.72149D-03	8.04973D-04	-4.07927D-03
4	-6.41795D-02	1.41750D-01	1.05903D-01	1.62378D-03	7.27866D-04	-4.22203D-03
5	-8.10689D-04	1.20356D-01	1.18663D-01	6.77429D-04	9.38851D-04	-4.32770D-03
6	9.23511D-03	4.37967D-02	9.27616D-02	6.33137D-04	1.45049D-03	-3.04613D-03
7	-2.82264D-02	-3.56751D-02	2.21268D-02	1.09452D-03	1.48959D-03	-1.19077D-03
8	-6.52100D-02	5.49903D-02	-4.30428D-02	3.41556D-04	-7.37607D-04	6.28965D-04
9	4.25520D-02	1.00333D-02	6.11749D-02	-1.94415D-03	-1.19825D-03	3.21007D-04
10	5.79257D-02	2.03912D-06	7.74722D-02	-7.60091D-04	-1.02238D-03	9.95216D-04
11	2.03413D-02	1.70661D-01	8.63808D-02	-1.30552D-03	7.66686D-04	1.16434D-03
12	-8.79479D-03	9.31683D-06	8.65007D-02	-2.49731D-03	4.63621D-05	-6.03906D-05
13	-3.26303D-03	-1.91930D-02	7.67728D-02	-1.26648D-03	-6.10084D-04	-1.01563D-03
14	-2.88094D-03	-1.07660D-03	-7.18390D-04	-6.13240D-05	-1.10481D-04	2.21546D-04
15	4.34840D-03	-2.95273D-03	-6.80416D-04	-5.71235D-06	-5.25840D-05	1.06531D-05
16	4.52456D-03	-1.69204D-03	-1.39497D-04	4.71734D-06	6.30898D-05	-9.88389D-05
17	4.51229D-03	1.02397D-02	7.78842D-03	-3.84074D-05	5.71232D-05	-9.08308D-05
18	4.63426D-03	1.13496D-02	8.25789D-03	-3.63375D-05	2.91739D-06	-2.25416D-05
19	4.51050D-03	1.18574D-02	8.14272D-03	-4.70284D-05	-1.86365D-05	1.92612D-05
20	4.29462D-03	1.13068D-02	7.55049D-03	-4.47329D-05	-5.38306D-05	8.79074D-05
21	4.25130D-03	4.14826D-03	3.78522D-03	-6.92094D-05	-6.80696D-05	1.51789D-04
22	1.85082D-03	4.75757D-04	1.24112D-03	-5.48803D-05	-2.96844D-05	9.94048D-05
23	1.65371D-10	1.44169D-10	1.12246D-10	-7.44828D-09	-4.14865D-10	1.08825D-08
25	2.87125D-02	-1.35541D-02	8.84764D-03	-3.40033D-04	-4.49802D-04	1.80345D-04
26	3.16606D-02	-2.44961D-02	-5.26339D-03	-9.54112D-04	-2.77119D-04	3.85710D-04
27	2.72723D-02	-2.44761D-02	-1.59553D-02	-9.61883D-04	-2.73519D-04	4.08687D-04
28	1.60627D-02	-1.27804D-02	-2.87300D-02	-8.37299D-04	-4.31976D-04	4.70110D-04
29	1.60394D-02	-7.56330D-03	-2.39226D-02	-8.15155D-04	-4.49119D-04	4.40550D-04
30	1.42789D-02	7.48347D-03	-9.24619D-02	-1.09983D-03	6.09949D-04	1.32254D-04
31	2.00328D-02	-3.54456D-04	3.51818D-02	-1.26167D-03	8.78841D-04	1.22330D-03
32	-4.90901D-03	1.07632D-03	1.04066D-02	-4.23489D-04	-4.98599D-05	5.72257D-04
33	3.59724D-04	-1.03129D-03	9.90546D-03	7.74402D-05	-2.07964D-04	1.38187D-04
34	1.19479D-02	1.57065D-02	-1.18662D-03	-1.10307D-04	-2.00886D-05	-3.69856D-04
35	1.14495D-02	1.56680D-02	-1.06352D-03	-2.13157D-04	9.84777D-05	-3.93769D-04
36	2.67658D-02	2.14132D-02	8.34063D-02	1.36409D-04	1.17711D-03	-2.22850D-03
37	4.02015D-02	1.79102D-02	7.63618D-02	-6.08899D-04	-6.24146D-05	-1.00107D-04
38	2.04463D-04	1.93092D-02	3.45653D-02	3.05176D-04	-1.68224D-03	-1.65578D-04
39	-6.05056D-03	5.40881D-02	4.74039D-03	5.03997D-04	7.04941D-04	-7.94959D-04
40	-4.58885D-03	5.64310D-02	4.00585D-03	1.33590D-03	6.11752D-04	5.23429D-04
41	-5.30744D-04	5.64755D-02	-5.81346D-03	1.48103D-03	5.73415D-04	6.15684D-04
42	5.87444D-03	7.84165D-02	-2.45529D-02	2.73897D-03	9.28956D-05	1.36835D-03
43	4.73167D-03	1.23957D-01	-2.45861D-02	2.72865D-03	5.59917D-05	1.60947D-03
44	4.52144D-03	1.27281D-01	-2.44130D-02	2.00874D-03	5.69161D-05	2.48855D-03
45	4.46866D-03	4.71100D-02	-1.35541D-02	-2.31293D-04	-1.38157D-04	-8.93990D-04
46	4.48382D-03	4.87498D-02	-1.37387D-02	-3.20854D-04	6.31545D-06	-4.12083D-04
47	-3.03603D-03	1.49763D-02	9.04832D-03	-5.32727D-04	-4.57138D-05	-4.34310D-04
48	-2.74576D-03	1.55847D-02	8.60205D-03	-5.30876D-04	-8.43767D-05	-4.16201D-04
49	5.08755D-03	9.04180D-03	1.43920D-03	-2.26343D-04	5.28251D-06	-3.63880D-04
50	3.36334D-03	4.81536D-03	9.81207D-04	-1.11585D-04	1.17918D-04	-3.03921D-04
51	2.87829D-03	3.02180D-03	4.35069D-04	-1.07258D-04	1.16845D-04	-2.98194D-04

52	3.32644D-05	9.12683D-07	6.84490D-06	-1.41410D-06	6.77084D-06	-8.49595D-06
53	2.56523D-11	7.61851D-12	1.52512D-11	-1.28811D-10	5.86779D-10	-1.00844D-09
54	5.06328D-03	-8.56943D-03	-3.10531D-04	-2.13403D-04	-8.05568D-05	-3.29431D-04
55	9.06061D-03	-2.75669D-02	1.05980D-03	-6.96605D-04	-1.48302D-04	-2.38394D-04
56	9.11601D-03	-3.67172D-02	1.74349D-03	-9.84588D-04	1.03957D-04	-8.88360D-05
57	1.16405D-02	3.19945D-03	-5.79704D-03	-6.37565D-04	1.07491D-04	-8.22781D-04
58	4.72751D-03	8.76396D-03	4.08848D-04	-5.98849D-04	1.56012D-05	-5.55118D-04
59	-3.25640D-03	9.24171D-03	9.86088D-03	-5.63544D-04	-2.86221D-05	-4.29334D-04
60	5.66424D-02	1.01194D-02	-2.46937D-02	-4.42034D-03	-7.07510D-04	-9.75878D-04
61	8.34131D-02	-5.33075D-02	-1.03228D-01	-1.37255D-03	6.59355D-04	-3.46498D-05
62	8.11715D-03	1.68391D-02	-1.36151D-01	1.83919D-03	7.29256D-04	9.99493D-04
63	1.00652D-02	3.47050D-02	-1.24177D-01	7.77000D-04	-2.24165D-03	-7.48700D-05
64	9.74714D-03	2.41150D-02	8.21644D-02	-4.86675D-04	-2.81124D-03	-4.51500D-05
65	-2.68943D-03	3.06185D-02	9.26501D-02	-2.27383D-03	-1.29352D-03	1.25828D-03
66	-4.17526D-02	3.04621D-02	1.97782D-02	-2.48457D-03	-1.00490D-03	1.24078D-03
67	-4.34482D-02	4.52390D-03	-1.11234D-02	-2.18157D-03	-9.55479D-04	8.11381D-04
68	5.41698D-02	-8.88311D-02	4.42843D-02	8.16247D-04	-1.19045D-04	-3.69987D-05
69	5.27769D-02	-7.78808D-02	4.40082D-02	1.89010D-03	3.75362D-04	2.02146D-04
70	3.62125D-02	2.01223D-03	4.35435D-02	1.69767D-03	2.73475D-04	1.37974D-04
71	3.76969D-02	6.92843D-03	2.13031D-02	1.59947D-03	7.91400D-04	2.27533D-04
72	3.88179D-02	7.78106D-03	2.75247D-03	4.45857D-04	4.66144D-04	-1.33032D-04
73	-1.74349D-03	8.00894D-03	2.24205D-02	-3.66785D-04	2.72739D-04	-4.88772D-04
74	-7.33965D-03	3.93640D-03	2.17141D-02	-2.23999D-04	3.29869D-04	-1.78511D-04
76	3.58327D-02	-1.35952D-03	4.19015D-02	1.24712D-03	-3.29219D-04	2.04161D-04
77	3.54644D-02	-8.90103D-03	2.79399D-02	9.11417D-04	-6.65200D-04	4.08812D-04
78	5.50219D-03	-3.06988D-02	1.61530D-03	-4.98998D-04	-2.22668D-03	1.75729D-03
79	-7.97793D-02	-2.81189D-02	-2.74284D-02	1.03006D-03	-3.34271D-03	-1.67810D-03
80	-5.56393D-03	-3.55494D-03	-1.31533D-04	3.16077D-04	-4.93246D-04	-3.33928D-04
82	-6.32489D-03	-1.26289D-03	9.72461D-05	-3.33225D-06	-2.98245D-04	-4.32957D-04
83	-7.45150D-03	-2.09673D-03	1.49732D-03	1.19735D-04	-2.70226D-04	-3.83443D-05
84	-5.92540D-03	-1.03321D-03	5.79197D-03	1.31012D-04	-2.36197D-04	5.26385D-05
85	-4.91991D-03	-2.53972D-04	6.00488D-03	1.59485D-04	-1.68681D-04	1.14663D-04
86	-7.93305D-05	-2.21814D-04	3.71301D-05	6.14525D-05	-8.24446D-06	4.85969D-05
87	-6.43294D-05	4.75293D-05	2.05341D-05	3.51464D-05	8.70787D-06	2.28328D-05
88	-3.21392D-05	2.14759D-06	2.85354D-06	3.88500D-06	3.18734D-06	1.58333D-05
90	-7.30263D-05	-3.76027D-04	3.67969D-06	5.25508D-05	-3.23352D-06	9.07899D-06
91	-5.41329D-05	-2.13390D-04	-1.73460D-06	2.05006D-05	-4.15893D-06	7.83652D-06
93	-2.65729D-02	1.66895D-02	7.48950D-03	7.15309D-04	1.39715D-03	-7.14586D-04
94	-1.18461D-01	7.92459D-02	3.26517D-02	1.16964D-03	2.18867D-03	-1.60570D-03
95	1.65621D-02	7.21800D-02	1.06533D-01	6.91746D-04	1.41625D-03	-3.30278D-03
96	2.03684D-02	2.87070D-02	8.68370D-02	2.55055D-04	1.27121D-03	-2.50630D-03
97	1.55439D-03	1.77584D-02	7.83010D-02	6.83274D-04	1.50132D-03	-2.74069D-03
98	-4.65676D-03	1.45825D-06	6.66061D-02	7.65120D-04	1.53082D-03	-2.42265D-03
99	-2.71876D-02	6.62361D-02	-6.43786D-03	-6.62590D-04	-1.38968D-03	3.86695D-04
100	1.23960D-03	5.30657D-02	2.10656D-02	-1.26323D-03	-1.42080D-03	2.61631D-04
101	3.26887D-02	2.27940D-02	5.16281D-02	-1.80553D-03	-1.28056D-03	2.68708D-04
102	5.22544D-02	1.08137D-03	7.14431D-02	-1.23289D-03	-1.12591D-03	7.20679D-04
103	4.54735D-02	1.00741D-02	2.85557D-02	-3.47606D-03	-9.72401D-04	-4.46247D-04
104	1.35842D-02	1.57104D-01	8.65359D-02	-2.01551D-03	6.12886D-04	9.68265D-04
105	1.54961D-03	1.10524D-01	8.66278D-02	-2.43671D-03	4.59383D-04	8.56600D-04
106	-2.48943D-02	1.13568D-01	2.28121D-02	-2.35128D-03	4.52197D-04	9.85598D-04
107	-6.04877D-03	5.19065D-02	8.65783D-02	-2.74561D-03	2.79739D-04	4.82560D-04
108	-3.25544D-03	-1.02315D-02	7.14344D-02	-1.17053D-03	-6.28185D-04	-9.85129D-04
109	3.95577D-04	-9.79238D-03	7.10114D-02	3.31470D-04	-4.93537D-04	-4.91439D-04
110	1.79668D-03	-7.91859D-03	7.08287D-02	2.67056D-04	-4.93508D-04	-2.79857D-04
111	4.16234D-03	-7.15831D-03	7.05376D-02	-7.04951D-04	-5.64353D-04	5.51473D-05
112	7.75253D-03	-1.40911D-02	7.03072D-02	-2.10916D-03	-6.73541D-04	2.70981D-04
113	-4.49842D-03	-2.91680D-02	-1.75682D-01	-1.22061D-02	-1.26992D-03	6.28533D-04
114	1.14246D-02	-1.86007D-02	7.03159D-02	7.75143D-06	-5.77223D-04	2.80956D-04
115	1.28240D-02	-1.60415D-02	7.03215D-02	1.18675D-03	-5.23173D-04	2.89512D-04

116	1.44545D-02	-9.09323D-03	7.03277D-02	2.13240D-03	-4.79683D-04	3.00512D-04
117	1.59810D-02	-7.68915D-07	7.03307D-02	2.45591D-03	-4.65500D-04	3.00512D-04
118	1.55819D-02	-9.09430D-03	6.55384D-02	1.57326D-03	-5.50698D-04	5.34922D-04
119	1.95465D-02	1.87410D-02	7.03334D-02	2.45822D-03	-4.67910D-04	3.00512D-04
120	1.93930D-02	-9.09629D-03	5.93231D-02	8.63867D-04	-6.96110D-04	8.29489D-04
121	2.45165D-02	-6.96500D-03	5.60527D-02	8.22969D-04	-7.06879D-04	8.46038D-04
122	-3.24209D-03	-2.84319D-06	6.48995D-02	-1.07286D-03	-6.21867D-04	-8.60767D-04
123	-3.21565D-03	1.32619D-02	5.34792D-02	-8.87287D-04	-5.96959D-04	-5.48134D-04
124	-3.14260D-03	2.21295D-02	2.62652D-02	-4.18478D-04	-5.10039D-04	1.34926D-04
125	-3.12628D-03	2.00597D-02	2.12306D-02	-3.20809D-04	-4.76430D-04	2.53843D-04
126	-3.09932D-03	1.31601D-02	1.16447D-02	-1.99698D-04	-4.15883D-04	3.78427D-04
127	-1.37310D-02	1.28728D-02	7.15583D-03	-1.68847D-04	-4.11558D-04	4.29848D-04
128	-2.99300D-03	4.64445D-03	3.43030D-03	-1.41335D-04	-3.18731D-04	3.60595D-04
129	-2.95357D-03	2.36565D-03	1.57245D-03	-1.13096D-04	-2.52934D-04	3.23275D-04
130	-2.94323D-03	-8.80485D-04	-7.75024D-04	-5.77629D-05	2.82593D-05	9.17686D-05
131	-1.64191D-03	-1.66329D-03	-7.13202D-04	-4.79747D-05	-1.10311D-04	1.91022D-04
132	4.52580D-03	4.38208D-08	9.80888D-04	-2.21575D-06	7.96092D-05	-1.20282D-04
133	4.28396D-03	9.70612D-03	6.61344D-03	-5.16303D-05	-6.48101D-05	1.15855D-04
134	-5.92291D-04	1.67709D-06	-8.62325D-04	-1.39541D-04	1.68056D-04	-1.08796D-04
135	2.86159D-03	3.17289D-03	-9.39105D-04	-2.37232D-04	2.16244D-04	-2.85765D-04
136	7.75495D-03	8.96215D-03	-1.02199D-03	-2.76211D-04	1.86745D-04	-4.32062D-04
137	2.19701D-02	1.03519D-02	-9.12230D-03	-3.12678D-04	1.89607D-04	-5.16642D-04
138	1.08341D-02	1.43184D-02	-1.05227D-03	-2.33804D-04	1.22937D-04	-4.06329D-04
139	9.47370D-03	7.35849D-03	1.11502D-03	2.75713D-05	-1.31086D-04	-2.40342D-04
140	3.37782D-03	-5.37467D-07	6.98728D-03	1.01852D-04	-2.02095D-04	-1.12139D-05
141	1.58787D-03	-9.11221D-04	8.71767D-03	9.55296D-05	-2.07262D-04	7.01673D-05
142	2.16094D-03	1.06284D-04	9.25257D-03	2.00527D-05	-3.52623D-05	1.44828D-04
143	2.16657D-03	4.50492D-04	9.24171D-03	-4.18331D-05	2.45210D-05	1.47274D-04
144	1.94189D-03	6.30836D-04	8.99073D-03	-1.76082D-04	1.01148D-04	1.14906D-04
145	1.43057D-03	9.49555D-05	8.45858D-03	-2.94943D-04	1.33896D-04	6.16853D-05
146	7.10042D-03	-6.43630D-04	-8.90127D-03	-8.01933D-04	1.15272D-04	-3.41389D-04
147	7.93040D-04	-4.65887D-04	7.82185D-03	-2.19136D-04	1.59546D-04	1.43131D-04
148	4.74787D-04	-4.73559D-04	7.50421D-03	-1.77947D-04	1.74135D-04	1.89156D-04
149	3.31765D-05	-2.92692D-04	7.06329D-03	-1.46319D-04	1.86043D-04	2.27000D-04
150	-4.29273D-04	-4.06936D-08	6.60113D-03	-1.34258D-04	1.90238D-04	2.39062D-04
151	6.71121D-04	-2.92757D-04	7.59671D-03	-2.49712D-04	1.57677D-04	2.56135D-04
152	-1.45347D-03	5.65527D-04	5.57721D-03	-1.34209D-04	1.89878D-04	2.39111D-04
153	2.16363D-03	-2.92884D-04	9.35225D-03	-3.79994D-04	9.95951D-05	2.92369D-04
154	3.14663D-03	-4.59268D-04	1.06974D-02	-3.87359D-04	9.52931D-05	2.94351D-04
155	-5.19653D-03	1.10487D-06	1.01274D-02	-5.57773D-04	3.05251D-06	6.68034D-04
156	-7.66365D-04	-5.31994D-04	1.45760D-02	-1.11050D-03	4.00219D-04	1.11223D-03
157	6.16882D-03	-8.49754D-04	2.16560D-02	-1.25565D-03	5.91699D-04	1.28105D-03
158	-3.03559D-02	3.47264D-03	-1.43928D-02	-1.31032D-03	5.88143D-04	1.39550D-03
159	1.70847D-02	-4.46759D-04	3.22647D-02	-1.26164D-03	7.69051D-04	1.24809D-03
160	2.70413D-02	-1.79797D-07	4.21912D-02	-1.25571D-03	1.05015D-03	1.17801D-03
161	7.54348D-02	-1.54403D-03	9.98444D-02	-1.20934D-03	3.74030D-04	8.36713D-04
162	5.07830D-02	9.00883D-08	4.47832D-02	-1.21128D-03	-1.49221D-03	3.92501D-04
163	4.14899D-02	1.82302D-03	1.97389D-02	-1.21302D-03	-1.60021D-03	3.09612D-04
164	3.55636D-02	3.28971D-03	1.95442D-03	-1.21098D-03	-1.60457D-03	2.62263D-04
165	1.53683D-02	1.02184D-02	-8.43745D-02	-1.16608D-03	-8.57762D-04	1.36454D-04
166	-8.10863D-04	1.92898D-02	3.25735D-02	2.76544D-04	-1.66468D-03	-1.31501D-04
167	1.75189D-03	1.93637D-02	3.73550D-02	3.29758D-04	-1.68133D-03	-1.67205D-04
168	-2.63599D-03	2.02742D-02	2.11905D-02	3.05057D-04	-1.67816D-03	-2.01251D-04
169	-6.81835D-03	2.39299D-02	1.44968D-03	3.20374D-04	-1.11529D-03	-4.60624D-04
170	-7.72854D-03	4.55378D-02	-3.05661D-03	4.43240D-04	5.27078D-04	-8.00272D-04
171	-1.10438D-02	4.55519D-02	-4.84462D-03	6.16678D-04	5.27078D-04	-1.16048D-03
172	-1.44799D-02	4.55629D-02	-6.65481D-03	7.14029D-04	5.27078D-04	-1.36250D-03
173	-2.15595D-02	4.55683D-02	-1.03609D-02	7.26292D-04	5.27078D-04	-1.38790D-03
174	-3.09953D-02	4.55694D-02	-1.52967D-02	7.33269D-04	5.27078D-04	-1.40203D-03
175	-6.94555D-03	4.97043D-02	5.81186D-04	4.70594D-04	6.38949D-04	-8.11844D-04

176	-2.90587D-03	5.64505D-02	-1.32222D-07	1.39692D-03	5.95322D-04	5.64998D-04
177	4.53151D-03	8.63326D-08	-1.71783D-02	1.40248D-03	2.49234D-04	1.80774D-03
178	4.51604D-03	-3.54010D-02	-4.15511D-08	5.75030D-04	4.26404D-06	-7.28892D-04
179	-1.79627D-03	4.74755D-08	6.40132D-03	-5.98304D-04	1.27162D-04	2.43786D-04
180	-5.05718D-04	1.09149D-02	1.69273D-03	-5.39140D-04	2.04956D-05	-2.48489D-04
181	-6.44811D-04	1.13222D-02	2.10881D-03	-5.68315D-04	5.87874D-05	-1.76814D-04
182	-3.35526D-03	5.80434D-03	1.02385D-02	-5.72928D-04	-1.78601D-05	-3.92229D-04
183	-3.31752D-03	7.28537D-03	1.00905D-02	-5.69166D-04	-2.33531D-05	-4.07431D-04
184	2.34316D-04	9.20683D-03	5.51005D-03	-5.86605D-04	-8.62253D-06	-4.92755D-04
185	-3.18558D-03	1.14345D-02	9.59853D-03	-5.50182D-04	-3.58980D-05	-4.35837D-04
186	2.65339D-03	7.01028D-03	3.65777D-03	-4.12572D-04	-7.70377D-05	-3.67305D-04
187	3.22433D-03	6.36777D-03	3.12578D-03	-3.87449D-04	-6.83184D-05	-3.69143D-04
188	3.70555D-03	5.98577D-03	2.69825D-03	-3.59037D-04	-5.94983D-05	-3.75154D-04
189	3.12079D-03	3.92259D-03	7.11166D-04	-1.09478D-04	1.17652D-04	-3.01116D-04
190	1.50572D-02	1.30680D-07	-7.35391D-07	-1.00981D-03	8.70161D-04	-1.44371D-05
191	1.59889D-02	-4.01286D-07	-1.57715D-02	-8.33910D-04	-4.81967D-04	3.44211D-04
192	1.60088D-02	-2.60630D-03	-1.88732D-02	-8.26944D-04	-4.69829D-04	3.89796D-04
193	1.21863D-02	-7.64957D-03	-2.99718D-02	-4.76198D-04	-4.19882D-04	3.94670D-04
194	2.12657D-02	-9.40363D-03	6.27617D-03	-2.83714D-04	-4.40144D-04	1.43560D-04
195	5.36828D-03	-2.01136D-03	1.54253D-03	-1.36865D-04	-2.83140D-04	5.88354D-05
196	2.80244D-03	-8.55598D-03	1.01776D-03	-1.74814D-04	-8.42491D-05	-3.18023D-04
197	8.46815D-03	-8.69260D-03	-2.46179D-03	-2.15234D-04	-8.07397D-05	-3.35089D-04
198	5.66285D-03	-1.12637D-02	-1.16422D-04	-2.55080D-04	-7.98218D-05	-3.30141D-04
199	8.84456D-03	-3.86331D-02	2.70423D-03	-9.77510D-04	5.40009D-05	-9.76713D-05
200	9.03923D-03	-4.14140D-02	2.20285D-03	-9.37632D-04	-9.28575D-05	-1.99454D-04
201	8.22579D-03	-4.14197D-02	5.35432D-03	-9.65905D-04	-8.55268D-05	-2.67524D-04
202	7.65070D-03	-4.14230D-02	7.36552D-03	-9.84421D-04	-8.09606D-05	-2.72865D-04
203	6.74845D-03	-4.17821D-02	1.10880D-02	-1.03219D-03	-8.65826D-05	-1.98775D-04
204	7.00498D-03	-4.22613D-02	1.02153D-02	-9.90045D-04	-1.63436D-04	-3.67877D-04
205	7.37963D-03	-4.14427D-02	8.94120D-03	-1.00393D-03	-2.05955D-04	-3.49787D-04
206	9.86553D-03	-4.14149D-02	-3.69708D-04	-8.77268D-04	-1.77568D-04	-3.63082D-04
207	1.20615D-02	-3.30821D-02	-7.35726D-03	-8.08090D-04	-1.49665D-04	-5.05383D-04
208	1.18126D-02	8.61377D-08	-6.35583D-03	-6.49473D-04	1.06361D-04	-7.95222D-04
209	6.99618D-02	-6.78669D-02	-1.10457D-01	-4.39713D-04	9.73271D-04	8.12916D-05
210	6.17738D-02	-7.08126D-02	-1.13977D-01	-3.56483D-04	1.00259D-03	8.86775D-05
211	6.27293D-02	-7.08507D-02	-1.27369D-01	-5.79822D-04	1.01190D-03	-2.64990D-05
212	5.32708D-02	-7.17794D-02	-1.17448D-01	-1.17418D-04	1.01893D-03	1.86159D-04
213	1.41107D-02	-1.45295D-06	-1.33691D-01	1.93713D-03	8.54197D-04	1.03541D-03
214	-4.10259D-02	1.89741D-07	-9.73676D-03	-2.14359D-03	-9.52927D-04	7.86824D-04
215	3.96161D-02	-1.57897D-02	4.36640D-02	1.88926D-03	3.62526D-04	1.53222D-04
216	3.61006D-02	1.20129D-03	4.51813D-02	1.55687D-03	7.19389D-05	1.15478D-04
217	3.62588D-02	3.71611D-03	3.96979D-02	1.65080D-03	3.85525D-04	1.65980D-04
218	3.80144D-02	7.79841D-03	6.16961D-07	3.51974D-04	4.54900D-04	-1.59505D-04
219	1.19310D-02	7.98391D-03	1.16106D-02	-3.82200D-04	3.04976D-04	-4.60642D-04
220	1.10048D-02	7.98484D-03	1.23839D-02	-3.82599D-04	3.04035D-04	-4.61991D-04
221	1.08239D-02	5.40131D-03	1.08392D-02	-3.82604D-04	3.03873D-04	-4.61905D-04
222	1.00737D-02	7.98555D-03	1.31556D-02	-3.82854D-04	3.03251D-04	-4.63312D-04
223	2.22956D-03	8.00528D-03	1.94310D-02	-3.74939D-04	2.78228D-04	-4.88399D-04
224	1.24622D-03	8.00587D-03	2.01852D-02	-3.74201D-04	2.77443D-04	-4.88647D-04
225	1.06288D-03	5.27900D-03	1.87873D-02	-3.74211D-04	2.77170D-04	-4.88570D-04
226	2.62217D-04	8.00624D-03	2.09338D-02	-3.73398D-04	2.76919D-04	-4.88828D-04
227	-3.84984D-03	1.52846D-03	1.14817D-02	-1.49855D-04	2.95744D-04	-1.08448D-04
228	3.59343D-02	-2.50007D-07	4.41439D-02	1.36063D-03	-1.90465D-04	1.54547D-04
229	3.70993D-02	-1.35514D-03	3.46599D-02	1.06364D-03	-3.27756D-04	1.58810D-04
230	3.76862D-02	-1.35235D-03	3.06461D-02	9.74208D-04	-3.26838D-04	1.07771D-04
231	6.10685D-07	-3.06896D-02	2.14335D-07	-5.09031D-04	-2.23969D-03	1.74266D-03
232	-9.44658D-02	-2.82204D-02	-3.61121D-02	9.66897D-04	-3.33422D-03	-1.60554D-03
233	-9.11923D-02	-2.82120D-02	-3.41535D-02	9.74014D-04	-3.33639D-03	-1.61526D-03
234	-1.09796D-01	-3.31178D-02	-3.52479D-02	9.74518D-04	-3.33801D-03	-1.61532D-03
235	-8.78778D-02	-2.82024D-02	-3.21741D-02	9.80349D-04	-3.33703D-03	-1.62371D-03

236	-4.01366D-09	-1.26686D-03	-5.53329D-09	-1.04451D-05	-3.02136D-04	-4.63253D-04
237	-4.65527D-04	-1.26598D-03	8.75672D-06	-8.77260D-06	-3.01906D-04	-4.58876D-04
238	-3.20554D-03	-1.26449D-03	5.42142D-05	-6.93580D-06	-3.01610D-04	-4.51539D-04
239	-3.20659D-03	1.58519D-03	-1.85175D-03	-6.93580D-06	-3.02256D-04	-4.52092D-04
240	-5.88654D-03	-1.26349D-03	9.20940D-05	-5.06382D-06	-2.99714D-04	-4.41283D-04
241	-3.14526D-04	-2.24604D-04	3.24690D-04	7.60548D-05	-2.20320D-05	6.28295D-05
242	-7.91461D-05	-2.39605D-05	4.91715D-05	4.78809D-05	-2.79832D-06	4.39423D-05
243	-7.85868D-05	-3.92258D-04	1.49150D-05	5.52411D-05	-5.81204D-06	3.85356D-05
244	-2.89104D-05	6.35303D-07	2.40535D-06	2.18587D-06	2.79274D-06	1.30248D-05
245	-1.34825D-05	-4.63597D-06	1.65268D-06	5.71239D-07	2.19300D-06	9.40123D-06
246	-7.29397D-05	-4.63749D-06	5.26805D-06	5.73075D-07	2.19300D-06	9.42668D-06
247	-2.04821D-06	-3.17491D-06	8.98361D-07	-5.52315D-08	1.41477D-06	5.71469D-06
248	-4.90792D-05	-1.91978D-04	-1.45202D-06	1.82285D-05	-4.05262D-06	6.45353D-06
249	-2.43857D-05	-8.96957D-05	-9.77485D-07	1.45198D-05	-3.55583D-06	4.66920D-06
250	-5.39714D-05	-8.97252D-05	9.07827D-05	1.45514D-05	-3.55583D-06	4.68802D-06
251	-4.47011D-06	-1.37563D-05	-5.31339D-07	9.38942D-06	-2.42526D-06	2.83824D-06
252	6.41376D-03	-1.58448D-02	1.63025D-04	-4.75038D-04	-1.18961D-04	-3.14799D-04

M O D A L A N A L Y S I S

MODE NUMBER 41
FREQUENCY= 29.0987 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-7.73537D-02	1.13062D-01	2.12050D-02	1.25923D-03	6.39136D-04	3.37290D-05
3	-6.81866D-02	1.13890D-01	5.93710D-03	-2.38574D-03	-1.67098D-03	-1.08704D-04
4	-6.69375D-02	1.13852D-01	-3.91877D-02	-2.69437D-03	-2.10057D-03	-3.12520D-05
5	-6.23380D-02	1.02840D-01	-8.18804D-02	-4.50714D-03	-2.07400D-03	1.81649D-04
6	-3.20288D-02	4.48319D-02	-5.38037D-02	-5.38620D-03	-2.75594D-03	4.25591D-04
7	3.60723D-02	-1.69485D-02	7.20908D-02	-3.22726D-03	-2.33781D-03	2.01411D-03
8	7.21981D-02	1.18620D-01	1.39082D-01	-1.06867D-03	1.36537D-03	1.53891D-03
9	-6.63375D-02	1.76716D-02	-4.99323D-05	-4.52041D-04	9.32796D-04	-9.49389D-04
10	-7.61754D-02	1.52277D-06	-1.01445D-02	-1.31076D-04	5.43747D-04	-8.67180D-04
11	-1.57780D-02	2.27983D-02	1.77014D-03	1.01352D-06	-5.18522D-04	-1.06983D-03
12	-3.68879D-03	-4.77820D-08	1.58915D-03	-4.75293D-04	4.76068D-05	-7.54208D-04
13	-5.95116D-03	-2.62579D-03	3.35635D-03	-5.34883D-04	4.35708D-05	-2.19980D-04
14	-6.56417D-03	-5.34496D-03	6.75336D-03	-1.43155D-04	6.37543D-05	2.90293D-05
15	-1.07456D-02	-1.15006D-03	6.72746D-03	1.73887D-04	2.78062D-06	5.58623D-05
16	-9.60489D-03	1.68312D-03	4.71930D-03	2.05032D-04	-1.37788D-04	1.03390D-04
17	-9.54202D-03	-1.43699D-02	-9.02951D-03	2.08495D-04	-9.07280D-05	1.40047D-04
18	-9.72108D-03	-1.70068D-02	-9.76603D-03	1.92707D-04	-6.43814D-06	3.75285D-05
19	-9.54164D-03	-1.93824D-02	-9.61275D-03	1.96495D-04	2.19470D-05	-2.52899D-05
20	-9.27313D-03	-1.92681D-02	-8.95467D-03	1.73433D-04	5.47504D-05	-1.40016D-04
21	-9.15827D-03	-7.47160D-03	-5.39279D-03	1.54169D-04	5.84778D-05	-2.61910D-04
22	-4.16509D-03	-7.68345D-04	-2.00588D-03	9.54936D-05	8.07916D-06	-1.95562D-04
23	-4.18882D-10	-2.13737D-10	-1.35163D-10	1.17491D-08	-3.20404D-09	-2.32698D-08
25	5.34306D-03	1.50907D-04	1.73610D-03	-1.80094D-05	-9.26920D-05	5.60989D-05
26	6.17319D-03	-2.01548D-04	1.25924D-03	-8.77585D-05	-1.15334D-04	7.90859D-05
27	5.26593D-03	-2.01111D-04	2.73408D-04	-9.42449D-05	-1.21159D-04	8.08172D-05
28	3.86204D-03	6.17976D-04	-3.32908D-04	-1.84077D-04	-1.11895D-04	-1.06573D-05
29	3.85286D-03	4.65142D-04	9.21464D-04	-1.96395D-04	-1.13381D-04	-1.73872D-05
30	3.33349D-03	-2.46620D-03	-1.96328D-02	-2.19420D-04	1.15498D-04	-1.12965D-05
31	3.49816D-03	1.93279D-04	6.11816D-03	-2.55420D-04	1.55988D-04	2.75851D-04
32	6.02525D-04	-4.33543D-04	3.29243D-03	-1.20387D-04	-3.11739D-05	4.57669D-05
33	1.30141D-03	-2.03181D-03	3.51294D-03	-7.55218D-06	7.77768D-06	-1.04896D-04
34	-1.55271D-03	1.69316D-02	6.51035D-03	-8.02254D-05	3.98245D-05	-2.58426D-04
35	-2.06042D-03	1.64019D-02	6.73937D-03	-1.93670D-04	3.43992D-05	-2.07985D-04
36	-6.35125D-02	1.90636D-01	-3.66872D-02	-1.05707D-02	-1.94639D-03	3.15441D-03
37	-8.10507D-02	2.93527D-01	-1.15074D-01	-4.25216D-03	6.52021D-04	-1.52791D-03
38	5.83068D-02	3.09068D-01	-1.52317D-01	-1.88790D-03	6.91223D-03	3.82627D-03
39	6.71005D-02	-1.26716D-01	-1.02355D-01	-6.83240D-03	-4.75962D-03	7.79701D-03
40	5.67157D-02	-1.40169D-01	-4.51489D-02	-1.49372D-02	-2.85886D-03	-4.18426D-03
41	2.46619D-02	-1.40401D-01	6.33420D-02	-1.59757D-02	-2.63718D-03	-4.74587D-03
42	-2.97785D-02	-3.39017D-01	2.42480D-01	-2.38375D-02	1.87206D-04	-9.18723D-03
43	-3.51178D-02	-7.33655D-01	2.42837D-01	-2.37268D-02	4.06956D-04	-1.06177D-02
44	-4.02984D-02	-8.09561D-01	2.47558D-01	-1.91628D-02	9.35210D-06	-1.59923D-02
45	-3.95102D-02	-2.93113D-01	1.17823D-01	-4.42834D-03	1.41748D-03	4.84264D-03
46	-3.97239D-02	-3.03359D-01	1.20014D-01	-3.82685D-03	1.62758D-04	1.56713D-03
47	1.83623D-03	7.43298D-02	-2.58276D-03	-1.78612D-03	-1.17682D-04	-2.44954D-03
48	2.07525D-03	8.10965D-02	-3.01422D-03	-2.07225D-03	-1.10073D-05	-1.94918D-03
49	3.97910D-03	3.87392D-02	-4.49874D-03	-1.00933D-03	-5.69300D-05	-1.31180D-03
50	5.41338D-03	1.84328D-02	-4.36502D-03	-6.68693D-04	-5.45414D-05	-9.79651D-04
51	5.63806D-03	1.14572D-02	-4.10694D-03	-6.61196D-04	-5.05671D-05	-9.44554D-04

52	4.46826D-05	1.90224D-06	-4.90613D-05	-1.37040D-05	-9.05966D-06	-2.30033D-05
53	-2.09549D-12	1.58787D-11	-3.41339D-11	-1.61213D-09	-7.85134D-10	-2.58733D-09
54	1.69942D-02	1.06711D-03	6.98176D-03	1.11888D-03	-5.28835D-04	-2.30712D-04
55	4.65306D-02	4.12016D-02	1.58303D-02	1.24750D-03	-1.24507D-03	-5.51876D-05
56	5.68627D-02	5.14466D-02	1.35158D-02	5.89028D-04	2.88209D-04	2.95603D-04
57	7.09463D-02	9.30434D-03	-3.12300D-02	-1.09309D-03	-1.28441D-03	-2.20446D-03
58	4.59364D-02	3.10371D-02	-2.69908D-02	-1.63169D-03	-4.05016D-04	-2.90617D-03
59	9.42591D-04	3.25625D-02	2.88587D-04	-1.77739D-03	-1.66831D-04	-2.54057D-03
60	-4.82374D-02	1.77753D-02	-3.75118D-04	1.55988D-04	6.24551D-04	-7.86269D-04
61	-3.74227D-02	2.41206D-02	1.06431D-02	5.88360D-04	-3.52861D-04	-1.21175D-03
62	-6.46189D-03	-4.64573D-03	2.36041D-02	-2.38278D-04	-2.84522D-04	-9.50733D-04
63	-5.67508D-03	-1.25503D-02	2.29327D-02	1.59924D-04	3.23691D-04	-8.31783D-05
64	-5.62919D-03	-4.15054D-03	-8.94589D-03	1.67472D-04	4.38884D-04	1.74886D-04
65	-4.54257D-03	-3.34945D-03	-1.04869D-02	2.94756D-04	2.33717D-04	-2.36415D-04
66	3.31839D-03	-3.28540D-03	-1.42149D-03	3.08384D-04	1.56819D-04	-2.60659D-04
67	5.57571D-03	-4.58329D-04	2.90675D-03	3.06983D-04	5.78208D-05	-2.45269D-04
68	1.96255D-03	3.38345D-03	7.40978D-04	-2.32199D-05	1.64640D-05	-7.40837D-05
69	1.80434D-03	2.87598D-03	6.97492D-04	-6.79053D-05	2.38703D-05	-7.16472D-05
70	8.10497D-04	-1.06283D-04	6.79365D-04	-6.09118D-05	2.38005D-05	-1.46594D-05
71	7.12644D-04	-5.19700D-04	1.15702D-04	-3.30316D-05	4.97757D-05	-1.69657D-05
72	5.63419D-04	-5.96573D-04	5.64009D-06	-1.65716D-06	5.73684D-05	-6.54659D-06
73	5.83179D-05	-6.13783D-04	-1.47480D-04	1.86842D-06	2.70552D-05	-3.51821D-06
74	1.24460D-04	-5.66129D-04	-3.53680D-04	-1.00162D-05	-1.41616D-07	3.61016D-06
76	8.03671D-04	-2.80715D-05	1.21657D-03	-5.69096D-05	1.02254D-05	4.58361D-06
77	7.96747D-04	-2.83542D-04	1.35116D-03	-5.48106D-05	1.85470D-06	1.31937D-05
78	1.08706D-04	-8.48373D-04	1.33152D-04	-4.38373D-05	-1.67941D-05	3.48603D-05
79	-1.24224D-03	-8.20501D-04	-9.08104D-04	4.20185D-05	-4.93872D-05	-2.87137D-05
80	-8.70149D-05	-8.37736D-05	-5.09465D-06	8.19603D-06	-7.47847D-06	-5.89178D-06
82	-1.43303D-04	-2.75045D-05	-5.08962D-04	3.52575D-05	-1.67938D-05	-9.91748D-06
83	-1.50671D-04	-1.76918D-05	-5.65514D-04	2.14858D-05	-2.13743D-05	-6.40825D-06
84	-2.72209D-05	-1.19018D-06	-2.18602D-04	1.13806D-05	-1.92102D-05	-3.32305D-06
85	-6.11985D-06	4.19214D-09	-1.56346D-04	1.28177D-06	-1.72126D-05	-1.12037D-06
86	2.73673D-07	4.31078D-09	-2.25837D-06	-2.68223D-06	-8.42132D-07	-5.23273D-08
87	2.57025D-07	8.80999D-07	4.18457D-07	-1.29773D-06	5.38844D-08	-3.07224D-07
88	5.07821D-07	2.37898D-06	1.46711D-07	5.36434D-08	-2.38799D-08	-3.69229D-07
90	-6.31791D-07	-8.74617D-07	-1.31154D-06	-1.29814D-06	5.06120D-07	-3.05657D-07
91	-1.74798D-06	-2.37681D-06	-3.27212D-07	5.34015D-08	-7.48857D-08	-3.67243D-07
93	-1.58041D-02	2.07096D-02	4.38987D-03	1.00655D-03	7.72767D-04	-1.49368D-04
94	-6.16347D-02	8.62821D-02	1.68973D-02	1.40589D-03	8.93528D-04	-7.93333D-05
95	-4.66173D-02	6.98352D-02	-8.07643D-02	-5.08009D-03	-2.67739D-03	2.12545D-04
96	-5.25558D-02	1.23728D-01	-4.26765D-02	-9.42341D-03	-2.25052D-03	2.56629D-03
97	-1.70737D-02	1.80179D-02	-2.61544D-02	-5.05614D-03	-2.80606D-03	5.26356D-04
98	-5.26247D-03	3.96703D-06	-4.32660D-03	-4.68203D-03	-2.79430D-03	8.18405D-04
99	1.18767D-02	1.05197D-01	7.83565D-02	-1.29792D-03	1.98788D-03	1.13568D-04
100	-2.45073D-02	7.38900D-02	4.15931D-02	-1.22498D-03	1.70951D-03	-5.60108D-04
101	-5.79540D-02	3.07053D-02	8.30793D-03	-7.38629D-04	1.17277D-03	-9.36251D-04
102	-7.29627D-02	6.24219D-03	-6.82699D-03	-2.80643D-04	7.06782D-04	-9.23904D-04
103	-5.75935D-02	1.77214D-02	-1.88353D-03	-9.96951D-05	7.90933D-04	-8.49735D-04
104	-1.14810D-02	2.22263D-02	1.67863D-03	-2.04269D-04	-3.43666D-04	-1.14551D-03
105	-5.25052D-03	1.67266D-02	1.61896D-03	-3.38863D-04	-1.97825D-04	-1.18861D-03
106	2.95764D-02	1.39201D-02	-7.84013D-03	-3.68751D-04	-1.95311D-04	-1.29692D-03
107	-3.14637D-03	8.43403D-03	1.60503D-03	-4.18046D-04	-5.85037D-05	-1.01142D-03
108	-5.99622D-03	-1.22824D-03	3.61503D-03	-5.12181D-04	3.21299D-05	-1.68642D-04
109	-5.90211D-03	-3.28667D-03	3.58075D-03	-1.64940D-04	-5.65687D-05	-1.61716D-04
110	-5.67514D-03	-3.56602D-03	3.56598D-03	-8.15245D-05	-9.26340D-05	-1.58747D-04
111	-5.10009D-03	-3.66407D-03	3.54252D-03	-3.01209D-05	-1.46634D-04	-1.54047D-04
112	-4.11894D-03	-3.82191D-03	3.52397D-03	-6.93242D-05	-1.78315D-04	-1.51019D-04
113	1.37128D-04	-4.57345D-03	-1.35723D-02	-8.71460D-04	-2.26857D-04	-1.42765D-04
114	-3.02323D-03	-3.38551D-03	3.52426D-03	1.52753D-04	-1.85171D-04	-1.52743D-04
115	-2.52888D-03	-2.71832D-03	3.52443D-03	2.77185D-04	-1.89164D-04	-1.54221D-04

116	-1.88049D-03	-1.47284D-03	3.52461D-03	3.77973D-04	-1.92503D-04	-1.56123D-04
117	-1.22315D-03	-7.97846D-08	3.52476D-03	4.11708D-04	-1.93822D-04	-1.56123D-04
118	-2.34884D-03	-1.47293D-03	2.51864D-03	3.87627D-04	-1.80246D-04	-1.96650D-04
119	2.54955D-04	3.14184D-03	3.52489D-03	4.12103D-04	-1.93854D-04	-1.56123D-04
120	-3.56765D-03	-1.47307D-03	3.96599D-04	3.99518D-04	-1.55148D-04	-2.47569D-04
121	-4.15769D-03	-4.48351D-04	-1.17828D-03	4.00124D-04	-1.53290D-04	-2.50426D-04
122	-6.05197D-03	5.42313D-07	3.84816D-03	-4.87608D-04	2.21587D-05	-1.21672D-04
123	-6.15584D-03	1.62794D-03	4.10732D-03	-4.40918D-04	9.27023D-06	-5.49175D-05
124	-6.40604D-03	7.44265D-04	4.26357D-03	-3.22966D-04	1.14114D-05	7.80717D-05
125	-6.45588D-03	-1.68470D-04	4.38127D-03	-2.98393D-04	1.91900D-05	9.90065D-05
126	-6.53576D-03	-2.52301D-03	4.88020D-03	-2.67921D-04	3.51753D-05	1.20278D-04
127	-1.10119D-02	-3.17337D-03	-2.58863D-03	-2.78812D-04	3.87072D-05	1.62268D-04
128	-6.55039D-03	-4.52325D-03	5.78337D-03	-2.15298D-04	4.85540D-05	7.70537D-05
129	-6.55552D-03	-4.90859D-03	6.09736D-03	-1.89836D-04	5.41540D-05	5.88880D-05
130	-5.83789D-03	-3.57564D-03	6.75396D-03	-1.81027D-04	6.36181D-05	-1.07020D-05
131	-7.35886D-03	-6.46791D-03	6.75259D-03	-7.33114D-05	6.86689D-05	3.29130D-05
132	-9.60173D-03	-4.30429D-07	2.44569D-03	2.05589D-04	-1.54005D-04	1.38245D-04
133	-9.24416D-03	-1.67127D-02	-8.02327D-03	1.68005D-04	6.32249D-05	-1.87764D-04
134	-4.75044D-03	6.09342D-07	6.75289D-03	-2.41719D-04	5.77824D-05	-7.21048D-05
135	-3.94390D-03	4.22738D-03	6.74996D-03	-2.74485D-04	4.90395D-05	-1.26284D-04
136	-2.98866D-03	1.02337D-02	6.74539D-03	-2.58687D-04	4.08349D-05	-1.71073D-04
137	1.92239D-03	1.10202D-02	-1.94529D-04	-2.61931D-04	4.12263D-05	-1.80897D-04
138	-2.25273D-03	1.51776D-02	6.74122D-03	-2.14338D-04	3.49733D-05	-1.95879D-04
139	-2.61660D-04	9.34077D-03	5.17285D-03	1.83010D-05	4.50056D-05	-2.69589D-04
140	1.07021D-03	2.65265D-07	3.77515D-03	2.01131D-05	2.55645D-05	-1.72270D-04
141	1.24168D-03	-1.37035D-03	3.58525D-03	3.84740D-06	1.53584D-05	-1.31482D-04
142	1.06622D-03	-1.53610D-03	3.38547D-03	2.42056D-05	5.43824D-05	-1.83252D-05
143	9.38582D-04	-1.46632D-03	3.24737D-03	1.28013D-05	6.65733D-05	1.00333D-05
144	6.92003D-04	-1.35519D-03	2.98416D-03	-3.00936D-05	7.99430D-05	3.01103D-05
145	3.45112D-04	-1.41961D-03	2.62413D-03	-7.99881D-05	8.30764D-05	2.07872D-05
146	4.26035D-03	-1.76495D-03	-5.35686D-03	-3.94102D-04	7.16963D-05	-2.25278D-04
147	-1.85053D-05	-1.31070D-03	2.26064D-03	-1.43188D-05	8.72329D-05	8.77344D-05
148	-1.84018D-04	-1.06203D-03	2.09525D-03	2.22549D-05	8.96364D-05	1.25404D-04
149	-4.02199D-04	-5.78930D-04	1.87720D-03	5.15783D-05	9.16319D-05	1.56136D-04
150	-6.24060D-04	-3.37399D-08	1.65544D-03	6.16525D-05	9.23935D-05	1.66211D-04
151	3.00454D-05	-5.78967D-04	1.76280D-03	3.70732D-05	8.52090D-05	1.71665D-04
152	-1.12227D-03	1.22964D-03	1.15731D-03	6.17617D-05	9.23901D-05	1.66320D-04
153	1.01470D-03	-5.79030D-04	1.62148D-03	1.87628D-05	7.20572D-05	1.91083D-04
154	1.64123D-03	-1.98779D-04	1.42175D-03	1.77155D-05	7.10831D-05	1.92153D-04
155	3.75492D-04	2.48940D-08	3.06403D-03	-1.42136D-04	-2.64406D-05	8.02724D-05
156	3.05243D-04	9.02392D-04	2.98474D-03	-2.32432D-04	4.53517D-05	2.33741D-04
157	1.19317D-03	6.48870D-04	3.88628D-03	-2.59078D-04	8.77612D-05	2.83763D-04
158	-7.01486D-03	1.58780D-03	-3.57210D-03	-2.73064D-04	8.69808D-05	3.10870D-04
159	2.96986D-03	3.09259D-04	5.60268D-03	-2.55942D-04	1.29240D-04	2.80848D-04
160	4.81850D-03	7.96340D-08	7.42528D-03	-2.56926D-04	1.99352D-04	2.62878D-04
161	1.50364D-02	3.30164D-05	1.95769D-02	-2.67104D-04	9.52318D-05	1.70827D-04
162	1.07691D-02	-2.48681D-08	9.60647D-03	-2.47837D-04	-2.95024D-04	1.17923D-04
163	8.92580D-03	-3.66966D-04	4.59678D-03	-2.41857D-04	-3.21552D-04	1.11910D-04
164	7.73979D-03	-6.81178D-04	1.00672D-03	-2.38332D-04	-3.25572D-04	1.06000D-04
165	3.58132D-03	-2.38741D-03	-1.70645D-02	-2.25849D-04	-1.88798D-04	5.18033D-05
166	8.42584D-02	3.08871D-01	-1.39982D-01	-1.71648D-03	6.84434D-03	3.60178D-03
167	2.08839D-02	3.08146D-01	-1.70336D-01	-2.00412D-03	6.90813D-03	3.80461D-03
168	6.99570D-02	2.81033D-01	-9.72628D-02	-1.95566D-03	6.87739D-03	4.11286D-03
169	8.63953D-02	2.18714D-01	-1.83657D-02	-2.68710D-03	4.02649D-03	6.38624D-03
170	7.89677D-02	-4.33104D-02	-4.84168D-02	-5.58310D-03	-3.97329D-03	8.58420D-03
171	1.14542D-01	-4.33241D-02	-2.93011D-02	-5.92542D-03	-3.97329D-03	1.24550D-02
172	1.51424D-01	-4.33347D-02	-1.30650D-02	-6.12451D-03	-3.97329D-03	1.46261D-02
173	2.27424D-01	-4.33400D-02	1.84222D-02	-6.15163D-03	-3.97329D-03	1.48992D-02
174	3.28722D-01	-4.33410D-02	6.00789D-02	-6.17953D-03	-3.97329D-03	1.50519D-02
175	7.32820D-02	-8.63290D-02	-7.42434D-02	-6.18525D-03	-4.47775D-03	8.29666D-03

176	4.31192D-02	-1.40270D-01	7.70214D-07	-1.53904D-02	-2.76385D-03	-4.44777D-03
177	-4.03054D-02	-5.83343D-07	1.94521D-01	-1.51749D-02	-2.45149D-03	-1.12803D-02
178	-4.00505D-02	2.03677D-01	4.26283D-07	-9.73215D-03	-4.78725D-04	4.70797D-03
179	1.23794D-02	-2.73840D-07	-4.61187D-02	-1.90606D-03	-1.27677D-03	-3.91021D-03
180	1.54824D-03	-1.48420D-02	-5.47822D-03	-2.91736D-03	6.26839D-04	3.53679D-04
181	5.65388D-05	-2.59920D-02	-1.85054D-04	-2.83772D-03	4.78234D-04	1.69180D-04
182	9.40138D-05	3.78708D-03	2.83233D-03	-1.81219D-03	-1.72778D-04	-2.44731D-03
183	4.80485D-04	1.65953D-02	1.67330D-03	-1.79684D-03	-1.71128D-04	-2.48824D-03
184	2.12058D-02	3.24514D-02	-1.27894D-02	-1.71131D-03	-2.82232D-04	-2.76370D-03
185	1.32778D-03	4.90200D-02	-9.51019D-04	-1.77433D-03	-1.45212D-04	-2.52632D-03
186	1.32557D-03	4.51330D-02	-2.24607D-03	-1.83231D-03	-4.58304D-06	-1.40843D-03
187	1.43638D-03	4.04740D-02	-2.32934D-03	-1.73132D-03	-1.71077D-05	-1.39781D-03
188	1.61737D-03	3.69546D-02	-2.47973D-03	-1.60326D-03	-2.62705D-05	-1.41732D-03
189	5.52752D-03	1.49527D-02	-4.23547D-03	-6.65033D-04	-5.28448D-05	-9.62271D-04
190	3.55100D-03	-3.10460D-08	-1.33629D-07	-2.12139D-04	2.09648D-04	-2.08373D-05
191	3.83454D-03	8.60974D-08	2.93364D-03	-1.97912D-04	-1.05931D-04	-1.65919D-05
192	3.84162D-03	1.69489D-04	2.20330D-03	-1.97348D-04	-1.10009D-04	-1.92487D-05
193	4.07966D-03	5.13127D-04	-1.49809D-03	-2.91662D-04	-1.46337D-04	-2.67915D-05
194	3.86379D-03	1.09258D-04	1.20835D-03	-1.33662D-05	-8.60053D-05	4.59032D-05
195	9.26836D-04	4.03220D-05	2.95204D-04	-4.55635D-06	-5.08518D-05	2.04607D-05
196	1.54128D-02	1.05832D-03	-6.86487D-04	1.07750D-03	-5.24673D-04	-2.25833D-04
197	1.96825D-02	1.44876D-03	1.84080D-02	1.13130D-03	-5.29447D-04	-2.43945D-04
198	2.10944D-02	9.50829D-03	8.22187D-03	1.14379D-03	-5.45238D-04	-2.16232D-04
199	5.58702D-02	5.01537D-02	1.70832D-02	4.53006D-04	6.11632D-04	3.49750D-04
200	5.10670D-02	4.44983D-02	3.33701D-02	1.63111D-04	1.12488D-03	5.16332D-04
201	5.34915D-02	4.45093D-02	3.35464D-02	-2.00510D-04	1.27067D-03	8.37213D-04
202	5.53305D-02	4.45159D-02	3.41348D-02	-3.23291D-04	1.36148D-03	8.71124D-04
203	5.66700D-02	4.16952D-02	4.13456D-02	-3.44515D-04	1.51810D-03	4.51414D-04
204	5.34279D-02	3.83432D-02	5.20869D-02	-4.21543D-04	1.28733D-03	4.06320D-04
205	5.11466D-02	3.38069D-02	5.95279D-02	-5.75603D-04	1.11078D-03	6.51606D-04
206	4.45399D-02	3.37970D-02	5.51758D-02	-1.28885D-04	1.19433D-03	6.91573D-04
207	3.53460D-02	1.10220D-03	8.58547D-02	-6.19901D-04	1.95413D-04	7.31686D-04
208	6.89695D-02	2.78726D-07	-2.46539D-02	-1.08869D-03	-1.35653D-03	-2.00635D-03
209	-3.02626D-02	2.44695D-02	1.38495D-02	4.07495D-04	-4.36081D-04	-1.26157D-03
210	-2.65800D-02	2.35399D-02	1.53736D-02	3.84422D-04	-4.36110D-04	-1.26857D-03
211	5.56160D-04	2.25332D-02	2.49517D-02	4.28760D-04	-4.37645D-04	-1.26817D-03
212	-2.29615D-02	2.21096D-02	1.68425D-02	3.26664D-04	-4.31956D-04	-1.27052D-03
213	-8.66403D-03	3.48000D-07	2.27058D-02	-2.37153D-04	-3.13801D-04	-1.03804D-03
214	5.44114D-03	-8.02476D-08	2.82750D-03	2.99879D-04	5.56084D-05	-2.42850D-04
215	1.04548D-03	5.52517D-04	6.83832D-04	-6.98365D-05	2.45677D-05	-2.82004D-05
216	8.08519D-04	-1.54276D-05	8.95280D-04	-5.96611D-05	1.94427D-05	-6.97863D-06
217	8.11501D-04	-2.74731D-04	4.05708D-04	-5.33169D-05	2.64836D-05	-1.61721D-05
218	5.27173D-04	-5.97921D-04	1.57892D-08	-8.18738D-07	5.56955D-05	-6.13251D-06
219	1.66077D-04	-6.12306D-04	-9.68992D-05	1.91394D-06	3.33906D-05	-3.93225D-06
220	1.58218D-04	-6.12378D-04	-1.00760D-04	1.90967D-06	3.32507D-05	-3.93497D-06
221	1.50376D-04	-6.33740D-04	-2.81975D-04	1.90952D-06	3.32547D-05	-3.94423D-06
222	1.50325D-04	-6.12423D-04	-1.04554D-04	1.90537D-06	3.31070D-05	-3.93069D-06
223	8.79964D-05	-6.13671D-04	-1.33557D-04	1.83571D-06	2.85243D-05	-3.70218D-06
224	8.05641D-05	-6.13707D-04	-1.37198D-04	1.83574D-06	2.83805D-05	-3.69202D-06
225	7.37746D-05	-6.33768D-04	-2.91957D-04	1.83559D-06	2.83847D-05	-3.70135D-06
226	7.31422D-05	-6.13717D-04	-1.40781D-04	1.83703D-06	2.82328D-05	-3.67410D-06
227	9.10077D-05	-3.20244D-04	-2.58816D-04	-7.49622D-06	-4.53484D-06	5.02847D-06
228	8.05527D-04	7.59397D-09	1.12290D-03	-5.79179D-05	1.35097D-05	1.04854D-06
229	8.32266D-04	-2.80547D-05	1.55420D-03	-4.77289D-05	8.79058D-06	3.59552D-06
230	8.45606D-04	-2.80434D-05	1.73390D-03	-4.11294D-05	7.89033D-06	2.45568D-06
231	1.22270D-08	-8.48628D-04	6.44887D-09	-4.31394D-05	-1.71716D-05	3.43751D-05
232	-1.49403D-03	-8.22504D-04	-1.26698D-03	4.03685D-05	-4.89428D-05	-2.76781D-05
233	-1.43766D-03	-8.22354D-04	-1.18531D-03	4.05700D-05	-4.90060D-05	-2.78231D-05
234	-1.71208D-03	-1.03636D-03	-1.20831D-03	4.05861D-05	-4.90320D-05	-2.78236D-05
235	-1.38066D-03	-8.22162D-04	-1.10302D-03	4.07432D-05	-4.90442D-05	-2.79475D-05

176	4.31192D-02	-1.40270D-01	7.70214D-07	-1.53904D-02	-2.76385D-03	-4.44777D-03
177	-4.03054D-02	-5.83343D-07	1.94521D-01	-1.51749D-02	-2.45149D-03	-1.12803D-02
178	-4.00505D-02	2.03677D-01	4.26283D-07	-9.73215D-03	-4.78725D-04	4.70797D-03
179	1.23794D-02	-2.73840D-07	-4.61187D-02	-1.90606D-03	-1.27677D-03	-3.91021D-03
180	1.54824D-03	-1.48420D-02	-5.47822D-03	-2.91736D-03	6.26839D-04	3.53679D-04
181	5.65388D-05	-2.59920D-02	-1.85054D-04	-2.83772D-03	4.78234D-04	1.69180D-04
182	9.40138D-05	3.78708D-03	2.83233D-03	-1.81219D-03	-1.72778D-04	-2.44731D-03
183	4.80485D-04	1.65953D-02	1.67330D-03	-1.79684D-03	-1.71128D-04	-2.48824D-03
184	2.12058D-02	3.24514D-02	-1.27894D-02	-1.71131D-03	-2.82232D-04	-2.76370D-03
185	1.32778D-03	4.90200D-02	-9.51019D-04	-1.77433D-03	-1.45212D-04	-2.52632D-03
186	1.32557D-03	4.51330D-02	-2.24607D-03	-1.83231D-03	-4.58304D-06	-1.40843D-03
187	1.43638D-03	4.04740D-02	-2.32934D-03	-1.73132D-03	-1.71077D-05	-1.39781D-03
188	1.61737D-03	3.69546D-02	-2.47973D-03	-1.60326D-03	-2.62705D-05	-1.41732D-03
189	5.52752D-03	1.49527D-02	-4.23547D-03	-6.65033D-04	-5.28448D-05	-9.62271D-04
190	3.55100D-03	-3.10460D-08	-1.33629D-07	-2.12139D-04	2.09648D-04	-2.08373D-05
191	3.83454D-03	8.60974D-08	2.93364D-03	-1.97912D-04	-1.05931D-04	-1.65919D-05
192	3.84162D-03	1.69489D-04	2.20330D-03	-1.97348D-04	-1.10009D-04	-1.92487D-05
193	4.07966D-03	5.13127D-04	-1.49809D-03	-2.91662D-04	-1.46337D-04	-2.67915D-05
194	3.86379D-03	1.09258D-04	1.20835D-03	-1.33662D-05	-8.60053D-05	4.59032D-05
195	9.26836D-04	4.03220D-05	2.95204D-04	-4.55635D-06	-5.08518D-05	2.04607D-05
196	1.54128D-02	1.05832D-03	-6.86487D-04	1.07750D-03	-5.24673D-04	-2.25833D-04
197	1.96825D-02	1.44876D-03	1.84080D-02	1.13130D-03	-5.29447D-04	-2.43945D-04
198	2.10944D-02	9.50829D-03	8.22187D-03	1.14379D-03	-5.45238D-04	-2.16232D-04
199	5.58702D-02	5.01537D-02	1.70832D-02	4.53006D-04	6.11632D-04	3.49750D-04
200	5.10670D-02	4.44983D-02	3.33701D-02	1.63111D-04	1.12488D-03	5.16332D-04
201	5.34915D-02	4.45093D-02	3.35464D-02	-2.00510D-04	1.27067D-03	8.37213D-04
202	5.53305D-02	4.45159D-02	3.41348D-02	-3.23291D-04	1.36148D-03	8.71124D-04
203	5.66700D-02	4.16952D-02	4.13456D-02	-3.44515D-04	1.51810D-03	4.51414D-04
204	5.34279D-02	3.83432D-02	5.20869D-02	-4.21543D-04	1.28733D-03	4.06320D-04
205	5.11466D-02	3.38069D-02	5.95279D-02	-5.75603D-04	1.11078D-03	6.51606D-04
206	4.45399D-02	3.37970D-02	5.51758D-02	-1.28885D-04	1.19433D-03	6.91573D-04
207	3.53460D-02	1.10220D-03	8.58547D-02	-6.19901D-04	1.95413D-04	7.31686D-04
208	6.89695D-02	2.78726D-07	-2.46539D-02	-1.08869D-03	-1.35653D-03	-2.00635D-03
209	-3.02626D-02	2.44695D-02	1.38495D-02	4.07495D-04	-4.36081D-04	-1.26157D-03
210	-2.65800D-02	2.35399D-02	1.53736D-02	3.84422D-04	-4.36110D-04	-1.26857D-03
211	5.56160D-04	2.25332D-02	2.49517D-02	4.28760D-04	-4.37645D-04	-1.26817D-03
212	-2.29615D-02	2.21096D-02	1.68425D-02	3.26664D-04	-4.31956D-04	-1.27052D-03
213	-8.66403D-03	3.48000D-07	2.27058D-02	-2.37153D-04	-3.13801D-04	-1.03804D-03
214	5.44114D-03	-8.02476D-08	2.82750D-03	2.99879D-04	5.56084D-05	-2.42850D-04
215	1.04548D-03	5.52517D-04	6.83832D-04	-6.98365D-05	2.45677D-05	-2.82004D-05
216	8.08519D-04	-1.54276D-05	8.95280D-04	-5.96611D-05	1.94427D-05	-6.97863D-06
217	8.11501D-04	-2.74731D-04	4.05708D-04	-5.33169D-05	2.64836D-05	-1.61721D-05
218	5.27173D-04	-5.97921D-04	1.57892D-08	-8.18738D-07	5.56955D-05	-6.13251D-06
219	1.66077D-04	-6.12306D-04	-9.68992D-05	1.91394D-06	3.33906D-05	-3.93225D-06
220	1.58218D-04	-6.12378D-04	-1.00760D-04	1.90967D-06	3.32507D-05	-3.93497D-06
221	1.50376D-04	-6.33740D-04	-2.81975D-04	1.90952D-06	3.32547D-05	-3.94423D-06
222	1.50325D-04	-6.12423D-04	-1.04554D-04	1.90537D-06	3.31070D-05	-3.93069D-06
223	8.79964D-05	-6.13671D-04	-1.33557D-04	1.83571D-06	2.85243D-05	-3.70218D-06
224	8.05641D-05	-6.13707D-04	-1.37198D-04	1.83574D-06	2.83805D-05	-3.69202D-06
225	7.37746D-05	-6.33768D-04	-2.91957D-04	1.83559D-06	2.83847D-05	-3.70135D-06
226	7.31422D-05	-6.13717D-04	-1.40781D-04	1.83703D-06	2.82328D-05	-3.67410D-06
227	9.10077D-05	-3.20244D-04	-2.58816D-04	-7.49622D-06	-4.53484D-06	5.02847D-06
228	8.05527D-04	7.59397D-09	1.12290D-03	-5.79179D-05	1.35097D-05	1.04854D-06
229	8.32266D-04	-2.80547D-05	1.55420D-03	-4.77289D-05	8.79058D-06	3.59552D-06
230	8.45606D-04	-2.80434D-05	1.73390D-03	-4.11294D-05	7.89033D-06	2.45568D-06
231	1.22270D-08	-8.48628D-04	6.44887D-09	-4.31394D-05	-1.71716D-05	3.43751D-05
232	-1.49403D-03	-8.22504D-04	-1.26698D-03	4.03685D-05	-4.89428D-05	-2.76781D-05
233	-1.43766D-03	-8.22354D-04	-1.18531D-03	4.05700D-05	-4.90060D-05	-2.78231D-05
234	-1.71208D-03	-1.03636D-03	-1.20831D-03	4.05861D-05	-4.90320D-05	-2.78236D-05
235	-1.38066D-03	-8.22162D-04	-1.10302D-03	4.07432D-05	-4.90442D-05	-2.79475D-05

236	-2.05485D-11	-2.75213D-05	-2.09921D-10	3.71069D-05	-1.63321D-05	-1.04779D-05
237	-1.04898D-05	-2.75145D-05	-3.73085D-05	3.68214D-05	-1.65571D-05	-1.03838D-05
238	-7.24775D-05	-2.75030D-05	-2.57417D-04	3.63226D-05	-1.68475D-05	-1.02401D-05
239	-7.25024D-05	3.71361D-05	-3.64724D-04	3.63226D-05	-1.69770D-05	-1.02541D-05
240	-1.33334D-04	-2.75040D-05	-4.73500D-04	3.57189D-05	-1.68172D-05	-1.00557D-05
241	-1.73306D-07	4.28773D-09	-1.56049D-05	-3.45710D-06	-2.24897D-06	1.75381D-07
242	2.62132D-07	-7.76717D-07	9.11634D-08	-2.10938D-06	-5.63877D-07	-1.12685D-07
243	3.18448D-07	7.85049D-07	-3.41260D-06	-2.10921D-06	-3.16260D-07	-1.12469D-07
244	4.66403D-07	2.20202D-06	1.23750D-07	1.08024D-07	-2.96721D-08	-3.03702D-07
245	2.53765D-07	1.26339D-06	8.51893D-08	1.41727D-07	-3.15915D-08	-2.19158D-07
246	1.63955D-06	1.26382D-06	9.81301D-07	1.42085D-07	-3.15915D-08	-2.19722D-07
247	5.66055D-08	3.10810D-07	4.63070D-08	1.11822D-07	-2.34772D-08	-1.33219D-07
248	-1.60438D-06	-2.20004D-06	-2.75669D-07	1.07798D-07	-9.87582D-08	-3.01617D-07
249	-8.72178D-07	-1.26266D-06	-1.89109D-07	1.41504D-07	-1.08022D-07	-2.16947D-07
250	4.96054D-07	-1.26311D-06	7.04856D-07	1.41780D-07	-1.08022D-07	-2.17110D-07
251	-1.95587D-07	-3.10896D-07	-1.02795D-07	1.11712D-07	-8.05090D-08	-1.31875D-07
252	2.69267D-02	2.04107D-02	9.94417D-03	1.24414D-03	-8.64379D-04	-1.38439D-04

M O D A L A N A L Y S I S

MODE NUMBER 42
FREQUENCY= 29.9534 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-7.92146D-02	6.43694D-02	2.14037D-02	5.82618D-04	1.10410D-03	-1.21100D-03
3	-6.77375D-02	7.70659D-02	3.19174D-02	3.83676D-04	5.78373D-04	-2.23029D-03
4	-2.62716D-02	7.69890D-02	3.85081D-02	3.48832D-04	5.92329D-04	-2.32049D-03
5	8.50545D-03	6.40796D-02	3.87872D-02	1.90887D-04	6.47874D-04	-2.42967D-03
6	1.36213D-02	2.22044D-02	2.28682D-02	4.99870D-04	7.97286D-04	-1.67208D-03
7	-5.10474D-03	-1.70278D-02	-1.22693D-02	9.69912D-04	6.44245D-04	-7.84069D-04
8	-1.23540D-02	3.78527D-02	-2.84176D-02	9.17637D-04	-4.25991D-04	-3.61547D-04
9	2.99576D-02	1.12526D-02	1.33047D-02	2.01205D-04	-1.64922D-04	-8.98185D-04
10	3.10078D-02	6.09283D-07	1.40259D-02	1.60935D-04	1.72392D-05	-1.00969D-03
11	-7.09539D-04	-2.28472D-02	1.50726D-03	3.87447D-04	4.32020D-04	-1.31758D-03
12	-3.62378D-02	-2.08621D-06	1.04244D-03	-2.76755D-05	4.17880D-04	-8.62517D-04
13	-3.86245D-02	-2.47370D-03	-3.44534D-03	-1.01096D-03	-5.47279D-04	-1.97506D-04
14	-3.87610D-02	-9.37714D-03	1.35426D-02	-9.33637D-04	7.25929D-04	9.65652D-05
15	9.88713D-03	-7.45002D-02	1.39998D-02	-7.91965D-04	-1.11113D-03	-1.67392D-03
16	2.87420D-02	-4.10734D-02	2.14252D-03	-5.73537D-04	-1.19322D-04	-2.61766D-03
17	2.99084D-02	2.01340D-01	4.08801D-02	-6.55979D-04	6.39084D-04	-1.52996D-03
18	3.39234D-02	2.17135D-01	5.03123D-02	-4.66547D-04	5.59159D-04	-9.89123D-05
19	4.03195D-02	2.19461D-01	5.65515D-02	-5.98857D-04	4.33789D-04	6.99347D-04
20	4.23555D-02	2.02046D-01	5.98176D-02	-5.17774D-04	2.70792D-06	1.94632D-03
21	4.27251D-02	6.07356D-02	4.47986D-02	-8.86208D-04	-4.19654D-04	2.65754D-03
22	1.22158D-02	6.76817D-03	1.67607D-02	-7.41334D-04	-4.16006D-04	9.77900D-04
23	-5.78151D-10	3.26775D-09	1.08595D-09	-1.01439D-07	-2.58043D-08	7.00057D-08
25	8.81115D-03	-2.08111D-03	2.81909D-03	-6.88594D-05	-1.46779D-04	8.83871D-05
26	9.55802D-03	-3.71156D-03	6.84140D-04	-1.98888D-04	-1.46346D-04	1.50356D-04
27	7.84095D-03	-3.70862D-03	-1.54356D-03	-2.06909D-04	-1.52552D-04	1.55168D-04
28	4.61753D-03	-1.11833D-03	-3.92106D-03	-3.01011D-04	-1.51552D-04	5.34065D-05
29	4.60487D-03	-5.65994D-04	-2.22039D-03	-3.13448D-04	-1.54135D-04	4.15799D-05
30	3.92812D-03	7.95711D-03	-2.71822D-02	-6.44641D-04	1.53049D-04	8.03127D-05
31	9.99414D-03	-3.05111D-03	2.06977D-02	-1.02226D-03	5.51581D-05	6.92697D-04
32	2.42897D-02	6.55209D-03	3.49532D-02	-5.38596D-05	-4.77460D-04	1.10405D-03
33	4.13850D-02	1.49020D-02	3.45818D-02	3.39918D-04	-5.81222D-04	1.35127D-03
34	6.31643D-02	-9.86938D-02	1.24830D-02	7.64292D-04	3.45380D-04	1.67802D-03
35	5.35999D-02	-9.23402D-02	1.57028D-02	1.37957D-03	8.73913D-04	1.33363D-03
36	2.46167D-02	4.74134D-03	1.69495D-02	4.58377D-04	7.93953D-04	-1.36160D-03
37	3.54631D-02	-1.54114D-03	1.54732D-02	-2.83120D-05	2.40181D-04	-9.86329D-05
38	-1.33323D-03	-1.44596D-03	1.23239D-02	1.93027D-04	-5.82872D-04	7.74435D-05
39	-2.94253D-03	1.22671D-02	4.40075D-03	3.38615D-04	3.07996D-04	-4.02458D-04
40	-2.55265D-03	1.32679D-02	2.31849D-03	7.69947D-04	2.07979D-04	1.96391D-04
41	-1.01880D-03	1.32858D-02	-3.29747D-03	8.33828D-04	1.88552D-04	2.29876D-04
42	1.64511D-03	2.42248D-02	-1.30201D-02	1.31673D-03	-9.82770D-06	5.04363D-04
43	2.00273D-03	4.59621D-02	-1.30406D-02	1.29383D-03	-2.83891D-05	5.85721D-04
44	2.38369D-03	4.91439D-02	-1.34045D-02	9.19572D-04	-1.08097D-05	9.55155D-04
45	2.35294D-03	1.94882D-02	-7.08294D-03	-4.88609D-04	-7.83565D-05	-3.96762D-04
46	2.36243D-03	2.00923D-02	-7.19224D-03	-5.31574D-04	1.95483D-07	-2.05416D-04
47	-3.75031D-04	5.89474D-02	3.57852D-03	-1.14929D-03	-7.59679D-05	-1.60369D-03
48	-1.20803D-04	6.33622D-02	3.15740D-03	-1.36519D-03	-4.78862D-05	-1.24429D-03
49	5.15097D-03	2.59987D-02	-1.55892D-03	-7.00062D-04	-2.45521D-05	-8.61509D-04
50	4.74221D-03	1.24188D-02	-1.78306D-03	-4.29929D-04	4.67291D-05	-6.69995D-04
51	4.54949D-03	7.74914D-03	-1.99732D-03	-4.21795D-04	4.76257D-05	-6.50528D-04

52	4.39797D-05	1.78999D-06	-2.15136D-05	-8.66843D-06	5.19604D-07	-1.65361D-05
53	1.71911D-11	1.49417D-11	-6.58199D-12	-9.89734D-10	4.50302D-11	-1.89731D-09
54	1.24453D-02	-4.09855D-04	8.05877D-03	6.66884D-04	-4.00825D-04	-2.13949D-04
55	3.50924D-02	2.02332D-02	1.48404D-02	5.80212D-04	-9.72199D-04	-1.56632D-05
56	4.39575D-02	2.30818D-02	1.22325D-02	4.70107D-05	4.22218D-05	3.15339D-04
57	5.18060D-02	9.75440D-03	-1.30069D-02	-5.37759D-04	-7.85784D-04	-2.10377D-03
58	3.04889D-02	3.03452D-02	-1.14587D-02	-9.73471D-04	-2.45977D-04	-2.12337D-03
59	-8.85220D-04	3.14275D-02	5.27691D-03	-1.13279D-03	-8.87707D-05	-1.64398D-03
60	4.16046D-02	1.14314D-02	2.29721D-02	4.94569D-04	-7.05932D-05	-2.88067D-04
61	2.32916D-02	2.26540D-02	2.83685D-02	-2.07879D-04	6.61211D-04	1.26502D-03
62	-7.00500D-03	-6.57027D-03	1.64792D-02	-1.24615D-03	9.55756D-05	8.47863D-04
63	-6.74886D-03	-1.06645D-02	1.73832D-02	-1.45381D-03	-9.72055D-05	3.61827D-04
64	-6.53670D-03	3.08128D-03	2.37987D-02	-1.40923D-03	-6.43451D-05	-5.34356D-06
65	1.80464D-03	-2.06060D-03	4.68283D-03	-1.20688D-03	-1.49399D-04	-7.33428D-04
66	2.38336D-02	-2.06164D-03	-3.00060D-02	-1.06069D-03	-2.00644D-04	-6.64250D-04
67	2.94506D-02	-2.28412D-03	-3.65981D-02	5.52418D-04	-1.08264D-04	5.31664D-04
68	2.15092D-02	1.05478D-01	-4.00694D-02	-9.44038D-04	3.23695D-04	4.90939D-04
69	1.78879D-02	9.27266D-02	-4.08378D-02	-2.37807D-03	5.83131D-04	4.67585D-05
70	-4.06728D-03	-8.45539D-03	-4.03259D-02	-2.22086D-03	3.21917D-04	-4.26633D-04
71	-7.99693D-03	-2.30786D-02	-2.58365D-02	-2.10918D-03	-4.84640D-04	-6.69084D-04
72	-1.31658D-02	-2.60054D-02	-3.89706D-03	-6.36417D-04	-1.13025D-04	-7.04352D-05
73	4.82349D-03	-2.68022D-02	-2.42868D-02	4.57903D-04	-1.07929D-04	2.65678D-04
74	8.85687D-03	-2.25702D-02	-2.56171D-02	1.15380D-04	-3.49990D-04	3.53441D-04
76	-4.21036D-03	2.13616D-03	-2.51752D-02	-1.80414D-03	6.07237D-04	-2.55405D-04
77	-4.31829D-03	7.38057D-03	-6.83964D-03	-1.50720D-03	7.64467D-04	-1.79250D-04
78	-1.23158D-03	9.41099D-03	6.76740D-04	-2.50435D-04	1.75082D-03	-4.24614D-04
79	4.97236D-02	8.18696D-03	6.70950D-03	-1.51083D-04	2.15532D-03	8.59605D-04
80	3.60677D-03	1.26474D-03	2.62353D-05	-1.03961D-04	3.24903D-04	1.84102D-04
82	1.56132D-03	2.13360D-03	-5.59090D-03	3.83195D-04	2.29523D-04	1.03487D-04
83	1.46003D-03	2.39617D-03	-8.07085D-03	1.09633D-04	1.11595D-04	-9.37844D-05
84	8.74599D-04	8.60030D-04	-9.72515D-03	-2.94835D-05	8.86180D-05	-9.77349D-05
85	3.56158D-04	2.18823D-04	-9.36273D-03	-1.83214D-04	9.38487D-06	-3.25145D-05
86	7.62269D-06	1.91181D-04	-4.76500D-05	-1.01378D-04	4.51396D-07	-1.17380D-05
87	-2.39267D-06	1.27027D-04	-9.93747D-06	-4.44624D-05	-4.95940D-06	-1.93577D-05
88	-1.22140D-05	1.47535D-04	-1.98873D-06	6.42185D-06	4.68880D-07	-1.80788D-05
90	-1.92401D-06	1.56218D-04	-9.08390D-06	-5.94649D-05	4.66764D-06	-7.49885D-06
91	-1.10915D-05	3.46508D-05	-1.78292D-06	-7.90576D-06	-4.11768D-07	-1.11741D-05
93	-1.28096D-02	1.03352D-02	3.48983D-03	4.24449D-04	6.76301D-04	-4.55744D-04
94	-5.77598D-02	4.68112D-02	1.56180D-02	6.16728D-04	1.08780D-03	-1.01047D-03
95	1.77468D-02	3.70836D-02	3.06205D-02	4.52866D-04	7.88818D-04	-1.78950D-03
96	2.03492D-02	1.12289D-02	1.92583D-02	4.70212D-04	8.05756D-04	-1.48022D-03
97	9.42706D-03	8.91120D-03	1.50033D-02	5.80158D-04	7.94638D-04	-1.51957D-03
98	6.16151D-03	7.22688D-07	8.88172D-03	6.62581D-04	7.82615D-04	-1.36401D-03
99	5.99436D-03	4.26002D-02	-1.02558D-02	4.92568D-04	-6.24068D-04	-7.17355D-04
100	1.79927D-02	3.38126D-02	1.65904D-03	2.85675D-04	-5.40996D-04	-8.81014D-04
101	2.80653D-02	1.72440D-02	1.14888D-02	1.90088D-04	-2.86114D-04	-9.26658D-04
102	3.08848D-02	4.59381D-03	1.40296D-02	1.61988D-04	-5.24699D-05	-9.80936D-04
103	3.70218D-02	1.13363D-02	1.69499D-02	3.86048D-04	-1.21509D-04	-5.82743D-04
104	-4.36067D-03	-1.94043D-02	1.40728D-03	4.03461D-04	4.84555D-04	-1.33512D-03
105	-1.48340D-02	-1.08201D-02	1.34212D-03	4.02991D-04	5.27138D-04	-1.34511D-03
106	2.39761D-02	-1.41811D-02	1.23365D-02	4.52844D-04	5.22944D-04	-1.44680D-03
107	-2.68087D-02	-3.00275D-03	1.20019D-03	2.74583D-04	5.35761D-04	-1.14826D-03
108	-3.86979D-02	-1.30738D-03	-8.50642D-03	-1.13826D-03	-6.23558D-04	-1.71460D-04
109	-3.35801D-02	-7.17030D-03	-8.49525D-03	-5.40648D-04	-8.20194D-04	-3.79280D-04
110	-3.09920D-02	-8.40781D-03	-8.49029D-03	-2.87502D-04	-8.90008D-04	-4.68345D-04
111	-2.65065D-02	-8.82236D-03	-8.48220D-03	1.08668D-04	-9.78578D-04	-6.09366D-04
112	-2.04852D-02	-7.40914D-03	-8.47567D-03	3.59180D-04	-1.01411D-03	-7.00221D-04
113	2.66331D-03	-5.21896D-03	5.60434D-03	6.84859D-04	-1.00252D-03	-8.44220D-04
114	-1.43136D-02	-4.93468D-03	-8.47731D-03	4.43949D-04	-1.03745D-03	-7.08169D-04
115	-1.15621D-02	-3.66808D-03	-8.47839D-03	4.93527D-04	-1.05135D-03	-7.14987D-04

116	-7.97913D-03	-1.88065D-03	-8.47965D-03	5.36408D-04	-1.06323D-03	-7.23753D-04
117	-4.36250D-03	-2.79875D-08	-8.48003D-03	5.48695D-04	-1.06834D-03	-7.23753D-04
118	-1.01488D-02	-1.88060D-03	-1.01692D-02	7.31527D-04	-1.00674D-03	-9.10612D-04
119	3.78698D-03	4.18750D-03	-8.48039D-03	5.49252D-04	-1.06885D-03	-7.23753D-04
120	-1.57894D-02	-1.88044D-03	-1.48832D-02	9.78168D-04	-8.91083D-04	-1.14535D-03
121	-1.80749D-02	6.53470D-04	-1.87790D-02	9.92154D-04	-8.82516D-04	-1.15851D-03
122	-3.87858D-02	1.60065D-06	-1.55024D-02	-1.30244D-03	-6.78414D-04	-1.69865D-04
123	-3.89389D-02	3.66440D-03	-2.94097D-02	-1.61437D-03	-6.49433D-04	-1.69200D-04
124	-3.92440D-02	7.60663D-03	-4.72587D-02	-2.40242D-03	1.68849D-04	1.03059D-04
125	-3.92927D-02	6.22495D-03	-4.44929D-02	-2.56659D-03	4.63973D-04	2.07205D-04
126	-3.93652D-02	5.33108D-04	-3.09316D-02	-2.77017D-03	8.95441D-04	3.65089D-04
127	-5.76949D-02	-6.80327D-03	-1.18451D-01	-3.25111D-03	9.15049D-04	5.98212D-04
128	-3.90749D-02	-4.95106D-03	-5.97482D-03	-1.99557D-03	1.08769D-03	2.13766D-04
129	-3.89658D-02	-5.90279D-03	1.59834D-03	-1.62077D-03	1.02393D-03	1.63097D-04
130	-2.96084D-02	7.21468D-04	1.40089D-02	-3.81088D-04	8.69503D-04	2.88596D-04
131	-4.29613D-02	-1.73312D-02	1.37007D-02	-9.29926D-04	1.89243D-04	-1.59690D-04
132	2.89517D-02	1.22297D-06	2.42249D-03	-5.86791D-04	1.12318D-04	-2.79522D-03
133	4.24762D-02	1.67616D-01	5.83019D-02	-6.21597D-04	-1.72594D-04	2.39798D-03
134	-1.28712D-02	-4.38528D-06	1.45706D-02	5.61814D-04	1.01556D-03	5.85370D-04
135	3.27980D-03	-1.60953D-02	1.50617D-02	1.32024D-03	1.07225D-03	8.47229D-04
136	2.62317D-02	-5.01718D-02	1.55897D-02	1.70821D-03	1.05947D-03	1.06370D-03
137	-9.65797D-04	-5.55149D-02	7.13929D-02	2.01002D-03	1.07639D-03	1.08095D-03
138	4.79158D-02	-8.36944D-02	1.56726D-02	1.48643D-03	9.49689D-04	1.24510D-03
139	6.45679D-02	-5.70565D-02	1.13430D-02	2.45949D-04	-2.18842D-04	1.90337D-03
140	4.95664D-02	-3.08699D-06	2.64288D-02	2.50662D-04	-5.53764D-04	1.56619D-03
141	4.47049D-02	9.37307D-03	3.12765D-02	3.17897D-04	-5.72536D-04	1.41672D-03
142	4.52000D-02	1.37184D-02	3.19204D-02	-5.64267D-04	2.78093D-04	9.51306D-04
143	4.41925D-02	1.39491D-02	3.09770D-02	-8.07734D-04	5.93913D-04	8.86409D-04
144	4.13185D-02	1.34643D-02	2.82048D-02	-1.02693D-03	1.02734D-03	9.50014D-04
145	3.63722D-02	1.31485D-02	2.33389D-02	-1.01880D-03	1.24354D-03	1.14034D-03
146	-3.00565D-02	1.31537D-02	2.52372D-02	5.62199D-04	1.32679D-03	2.97985D-03
147	3.07848D-02	1.11436D-02	1.77493D-02	-1.50015D-03	1.36013D-03	6.92024D-04
148	2.81613D-02	8.85581D-03	1.51253D-02	-1.77508D-03	1.42699D-03	4.45430D-04
149	2.46387D-02	4.76511D-03	1.16021D-02	-2.00489D-03	1.48199D-03	2.52048D-04
150	2.10158D-02	2.35704D-07	7.97868D-03	-2.07548D-03	1.50216D-03	1.81455D-04
151	2.57943D-02	4.76537D-03	1.74925D-02	-2.43971D-03	1.31575D-03	5.93834D-04
152	1.29221D-02	-1.02215D-02	-1.15557D-04	-2.07644D-03	1.50096D-03	1.80492D-04
153	3.03505D-02	4.76580D-03	3.23427D-02	-2.98583D-03	9.75347D-04	1.02365D-03
154	3.27263D-02	1.20161D-03	4.24639D-02	-3.01637D-03	9.50134D-04	1.04789D-03
155	2.12425D-02	2.16993D-06	3.19254D-02	-2.01985D-04	-4.34554D-04	1.04376D-03
156	1.23999D-02	-1.00089D-02	2.31539D-02	-8.11093D-04	-1.87922D-04	8.15260D-04
157	1.02406D-02	-8.68650D-03	2.09749D-02	-9.54361D-04	-9.27255D-05	7.92771D-04
158	-1.24881D-02	-5.84907D-03	-4.92261D-03	-9.72846D-04	-9.45435D-05	8.41824D-04
159	9.75915D-03	-4.40964D-03	2.04798D-02	-1.00686D-03	-3.93039D-06	7.23598D-04
160	1.09901D-02	-9.82588D-07	2.16741D-02	-1.01808D-03	1.54184D-04	6.65265D-04
161	2.34611D-02	5.25567D-03	3.66564D-02	-8.35470D-04	1.12351D-04	6.01489D-04
162	1.57553D-02	1.50633D-07	1.93281D-02	-7.65190D-04	-4.73754D-04	3.02252D-04
163	1.27955D-02	6.39248D-04	1.13199D-02	-7.67348D-04	-5.08828D-04	2.16251D-04
164	1.09307D-02	1.48945D-03	5.69685D-03	-7.65600D-04	-5.10358D-04	1.66777D-04
165	4.41438D-03	7.90005D-03	-2.23251D-02	-7.19038D-04	-2.96721D-04	4.19816D-05
166	-7.02561D-04	-1.44776D-03	1.10299D-02	1.81734D-04	-5.73947D-04	9.80836D-05
167	-2.17601D-03	-1.49282D-03	1.41864D-02	2.03148D-04	-5.82513D-04	7.90354D-05
168	-2.31997D-03	-2.25082D-03	7.67148D-03	1.92988D-04	-5.82875D-04	5.12765D-05
169	-3.76707D-03	-1.97164D-03	8.00872D-04	2.01924D-04	-3.72689D-04	-1.51939D-04
170	-3.69741D-03	8.04912D-03	9.28647D-04	2.90075D-04	2.46768D-04	-4.16296D-04
171	-5.44473D-03	8.05181D-03	-1.36088D-04	3.46585D-04	2.46768D-04	-6.16014D-04
172	-7.27619D-03	8.05391D-03	-1.11768D-03	3.78556D-04	2.46768D-04	-7.28065D-04
173	-1.10613D-02	8.05494D-03	-3.07326D-03	3.82658D-04	2.46768D-04	-7.42165D-04
174	-1.61087D-02	8.05515D-03	-5.66950D-03	3.85446D-04	2.46768D-04	-7.50098D-04
175	-3.33925D-03	1.01662D-02	2.57532D-03	3.12735D-04	2.86214D-04	-4.16960D-04

176	-1.90895D-03	1.32757D-02	-5.67754D-08	7.97382D-04	1.99653D-04	2.11938D-04
177	2.38921D-03	2.95947D-08	-1.08270D-02	5.38453D-04	1.34338D-04	7.12423D-04
178	2.38015D-03	-1.50108D-02	-2.52731D-08	1.82800D-05	2.14448D-05	-2.86859D-04
179	-9.36986D-04	3.24855D-08	3.36863D-03	-8.40085D-04	6.37773D-05	-2.52635D-04
180	-3.86622D-04	2.10808D-02	1.28727D-03	-1.24774D-03	3.70909D-05	-1.73527D-04
181	-5.47846D-04	1.83510D-02	1.79213D-03	-1.31332D-03	6.15171D-05	-5.87788D-05
182	-1.31123D-03	1.33960D-02	6.50671D-03	-1.16290D-03	-7.70016D-05	-1.51856D-03
183	-1.12591D-03	2.12985D-02	5.97466D-03	-1.15058D-03	-8.26532D-05	-1.57102D-03
184	1.28019D-02	3.13033D-02	-2.87416D-03	-1.05467D-03	-1.66708D-04	-1.91573D-03
185	-6.77955D-04	4.22331D-02	4.58766D-03	-1.13349D-03	-8.30821D-05	-1.64701D-03
186	2.37872D-03	3.51115D-02	8.93898D-04	-1.26114D-03	-4.61861D-05	-8.72796D-04
187	2.76450D-03	3.11786D-02	5.43186D-04	-1.19700D-03	-4.83291D-05	-8.67996D-04
188	3.13863D-03	2.80684D-02	2.15044D-04	-1.11080D-03	-4.83094D-05	-8.86524D-04
189	4.64653D-03	1.00903D-02	-1.88827D-03	-4.25961D-04	4.72253D-05	-6.60390D-04
190	4.20905D-03	5.99852D-08	-2.05481D-07	-5.39906D-04	2.81291D-04	6.07771D-05
191	4.58036D-03	-2.64937D-08	5.21549D-04	-3.35268D-04	-1.50503D-04	2.15676D-05
192	4.58980D-03	-1.69287D-04	-4.88859D-04	-3.27164D-04	-1.52927D-04	2.91898D-05
193	4.28460D-03	-5.54198D-04	-5.12193D-03	-2.91343D-04	-1.73703D-04	3.12213D-05
194	6.43831D-03	-1.50255D-03	1.98004D-03	-5.80093D-05	-1.39017D-04	7.10183D-05
195	1.58043D-03	-3.37937D-04	4.88272D-04	-2.84986D-05	-8.52322D-05	3.00870D-05
196	1.09795D-02	-4.12267D-04	3.46040D-03	6.49439D-04	-3.98353D-04	-2.08555D-04
197	1.48820D-02	-1.90746D-04	1.49254D-02	6.77532D-04	-4.01323D-04	-2.24556D-04
198	1.55472D-02	4.37389D-03	8.99674D-03	6.68420D-04	-4.13078D-04	-2.02150D-04
199	4.36855D-02	2.02179D-02	1.33575D-02	-3.17076D-05	2.76610D-04	3.58237D-04
200	4.10500D-02	1.27163D-02	2.23929D-02	-1.88463D-04	6.68323D-04	4.41750D-04
201	4.29946D-02	1.27217D-02	2.35039D-02	-4.36055D-04	7.71015D-04	6.60083D-04
202	4.44347D-02	1.27249D-02	2.45229D-02	-5.20698D-04	8.34980D-04	6.87660D-04
203	4.58628D-02	1.00298D-02	3.03041D-02	-5.35869D-04	9.46999D-04	4.15915D-04
204	4.38458D-02	6.52102D-03	3.69867D-02	-5.56257D-04	7.92673D-04	2.98105D-04
205	4.24449D-02	2.88029D-03	4.15260D-02	-6.67622D-04	6.80170D-04	5.01674D-04
206	3.70119D-02	2.88779D-03	3.59213D-02	-3.34339D-04	7.62221D-04	4.93777D-04
207	3.07840D-02	-2.03528D-02	5.66623D-02	-5.77812D-04	1.72862D-04	4.45576D-04
208	5.06066D-02	3.05259D-07	-8.97512D-03	-5.54837D-04	-8.29734D-04	-1.93330D-03
209	1.21811D-02	2.61058D-02	2.41132D-02	-5.84766D-04	5.35589D-04	1.43258D-03
210	7.72450D-03	2.59470D-02	2.23421D-02	-6.33902D-04	5.10423D-04	1.44489D-03
211	-2.42552D-02	2.73194D-02	8.68933D-03	-6.18060D-04	5.09206D-04	1.49294D-03
212	3.61149D-03	2.51147D-02	2.06867D-02	-6.90936D-04	4.83966D-04	1.40872D-03
213	-6.30321D-03	2.95071D-07	1.67549D-02	-1.24833D-03	1.25683D-04	9.00877D-04
214	2.97496D-02	1.02751D-07	-3.64278D-02	5.74736D-04	-1.06570D-04	5.59391D-04
215	-3.70086D-05	1.44654D-02	-4.04575D-02	-2.42323D-03	4.52779D-04	-3.14149D-04
216	-4.11283D-03	-4.53602D-03	-3.66256D-02	-2.09063D-03	4.15785D-04	-3.67718D-04
217	-4.07309D-03	-1.37981D-02	-4.20873D-02	-2.15024D-03	1.66881D-04	-5.09772D-04
218	-1.34881D-02	-2.60675D-02	-7.64508D-07	-5.14592D-04	-1.12177D-04	-3.65753D-05
219	-2.49382D-03	-2.67295D-02	-1.09277D-02	4.63927D-04	-1.00868D-04	2.43410D-04
220	-2.00305D-03	-2.67328D-02	-1.18676D-02	4.64823D-04	-1.00797D-04	2.44056D-04
221	-1.92003D-03	-2.53288D-02	-1.14486D-02	4.64816D-04	-1.00617D-04	2.43659D-04
222	-1.51033D-03	-2.67350D-02	-1.28065D-02	4.65534D-04	-1.00898D-04	2.44926D-04
223	2.68756D-03	-2.67953D-02	-2.05551D-02	4.65938D-04	-1.04118D-04	2.62197D-04
224	3.21585D-03	-2.67971D-02	-2.14935D-02	4.65266D-04	-1.04219D-04	2.62411D-04
225	3.30476D-03	-2.52932D-02	-2.10622D-02	4.65267D-04	-1.03892D-04	2.62018D-04
226	3.74405D-03	-2.67977D-02	-2.24256D-02	4.64502D-04	-1.04633D-04	2.62849D-04
227	4.87099D-03	-1.23733D-02	-1.41157D-02	4.41821D-05	-3.47081D-04	3.21815D-04
228	-4.17505D-03	-3.56567D-08	-2.98742D-02	-1.90912D-03	5.40709D-04	-2.93192D-04
229	-5.71296D-03	2.13718D-03	-1.46321D-02	-1.52651D-03	5.87476D-04	-2.11541D-04
230	-6.50504D-03	2.13776D-03	-8.88109D-03	-1.36763D-03	5.75077D-04	-1.81122D-04
231	2.19634D-07	9.40365D-03	-9.71256D-08	-2.33564D-04	1.75558D-03	-4.37642D-04
232	5.72461D-02	8.22731D-03	7.92842D-03	-1.29504D-04	2.15669D-03	8.04759D-04
233	5.55972D-02	8.22385D-03	7.66417D-03	-1.31761D-04	2.15748D-03	8.11718D-04
234	6.75676D-02	8.74221D-03	8.24065D-03	-1.31904D-04	2.15854D-03	8.11762D-04
235	5.39200D-02	8.22001D-03	7.39373D-03	-1.33837D-04	2.15726D-03	8.17875D-04

236	1.65339D-09	2.13540D-03	4.24153D-09	4.12121D-04	2.41468D-04	1.17172D-04
237	1.18068D-04	2.13522D-03	-4.11779D-04	4.06793D-04	2.38368D-04	1.14766D-04
238	7.99091D-04	2.13490D-03	-2.83384D-03	3.99038D-04	2.34369D-04	1.10866D-04
239	7.99374D-04	1.44134D-03	-1.36194D-03	3.99038D-04	2.33856D-04	1.10323D-04
240	1.45489D-03	2.13409D-03	-5.20338D-03	3.90252D-04	2.31639D-04	1.06915D-04
241	4.21690D-05	1.93581D-04	-5.42133D-04	-1.31438D-04	1.21912D-06	-6.92727D-06
242	7.98122D-06	1.15635D-04	-3.60461D-05	-7.72218D-05	-2.36913D-06	-1.45441D-05
243	7.94372D-06	2.43140D-04	-3.42102D-05	-8.35595D-05	2.83512D-06	-9.88962D-06
244	-1.11919D-05	1.35470D-04	-1.66938D-06	8.38325D-06	6.66797D-07	-1.48653D-05
245	-6.04695D-06	7.36971D-05	-1.13308D-06	9.14511D-06	7.49831D-07	-1.07194D-05
246	6.16944D-05	7.37232D-05	5.66736D-05	9.16645D-06	7.49831D-07	-1.07426D-05
247	-1.35437D-06	1.64942D-05	-6.15919D-07	6.80852D-06	5.58473D-07	-6.51594D-06
248	-1.01809D-05	2.95609D-05	-1.50477D-06	-5.45127D-06	-5.95762D-07	-9.18714D-06
249	-5.55566D-06	7.67515D-06	-1.03766D-06	-2.88683D-06	-6.78867D-07	-6.62360D-06
250	3.62962D-05	7.67785D-06	-1.92900D-05	-2.89407D-06	-6.78867D-07	-6.63726D-06
251	-1.26306D-06	-1.88836D-06	-5.64050D-07	-1.33850D-06	-5.09832D-07	-4.02626D-06
252	1.99680D-02	1.01660D-02	1.03010D-02	6.55834D-04	-6.61324D-04	-1.28246D-04

M O D A L A N A L Y S I S

MODE NUMBER 43
FREQUENCY= 30.0127 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-2.93483D-02	2.97264D-02	7.87103D-03	2.77064D-04	3.55949D-04	-2.98964D-04
3	-2.57991D-02	3.18812D-02	7.02447D-03	-3.41237D-04	-5.00581D-05	-5.35939D-04
4	-1.59213D-02	3.18599D-02	4.67278D-04	-3.84788D-04	-9.68992D-05	-5.49234D-04
5	-7.14524D-03	2.71779D-02	-6.33543D-03	-5.68487D-04	-1.03778D-04	-5.55723D-04
6	-1.73045D-03	1.02223D-02	-5.99345D-03	-5.30295D-04	-2.07399D-04	-3.28987D-04
7	3.94777D-03	-5.80170D-03	4.38094D-03	-1.73655D-04	-2.12367D-04	6.84663D-05
8	1.00428D-02	2.22587D-02	1.38481D-02	5.21478D-05	8.30238D-05	1.17166D-04
9	-5.72388D-04	4.19690D-03	3.07217D-03	-3.11437D-05	1.16345D-04	-2.67567D-04
10	-2.04845D-03	3.22683D-07	1.49992D-03	3.31235D-07	1.08076D-04	-2.66771D-04
11	-2.47136D-03	-3.85468D-04	-8.61968D-04	4.94085D-05	-1.87924D-05	-2.60731D-04
12	-4.00652D-03	-2.43243D-07	-9.41759D-04	-4.40279D-05	3.99438D-05	-1.70247D-04
13	-4.47949D-03	-3.84303D-04	-1.08177D-03	-1.49869D-04	-3.82002D-05	-3.67313D-05
14	-4.54164D-03	-1.48494D-03	2.67414D-03	-1.09696D-04	8.50348D-05	-4.86221D-06
15	-6.67603D-04	-7.50453D-03	2.70547D-03	-5.36657D-05	-1.07029D-04	-1.62890D-04
16	1.36546D-03	-3.78255D-03	1.19269D-03	-2.79836D-05	-3.66033D-05	-2.42411D-04
17	1.48862D-03	1.74770D-02	2.42766D-03	-3.26918D-05	4.47452D-05	-1.27380D-04
18	1.83792D-03	1.86060D-02	3.19327D-03	-1.60645D-05	5.18355D-05	-3.11386D-06
19	2.47468D-03	1.84578D-02	3.81069D-03	-2.80554D-05	4.48727D-05	6.51320D-05
20	2.71379D-03	1.67616D-02	4.23378D-03	-2.33430D-05	9.73210D-06	1.69181D-04
21	2.76780D-03	4.75399D-03	3.42867D-03	-6.12837D-05	-2.95455D-05	2.19368D-04
22	5.49385D-04	5.30489D-04	1.29378D-03	-5.62396D-05	-3.81255D-05	6.50006D-05
23	-1.22394D-10	2.85688D-10	8.05848D-11	-7.89206D-09	-2.93798D-09	3.20553D-09
25	2.28682D-02	-2.87373D-02	6.81382D-03	-5.06424D-04	-3.09259D-04	3.22974D-05
26	2.13643D-02	-4.16985D-02	-8.39050D-03	-7.59684D-04	1.19264D-04	4.03573D-04
27	1.68148D-02	-4.16710D-02	-1.68518D-02	-7.37286D-04	1.54242D-04	4.34008D-04
28	2.52088D-03	-2.45285D-02	-2.89964D-02	-2.12397D-04	-4.46841D-06	8.54231D-04
29	2.52146D-03	-1.49228D-02	-2.90105D-02	-1.32632D-04	-1.10786D-05	8.30435D-04
30	2.31849D-03	1.56203D-02	-2.03941D-02	-3.49893D-04	1.84920D-04	1.94812D-04
31	5.95472D-03	-1.57524D-04	8.74230D-03	-3.40110D-04	1.76822D-04	3.20653D-04
32	1.86183D-03	8.44679D-04	4.68041D-03	-9.03590D-05	-3.54936D-05	2.21740D-04
33	3.61893D-03	1.30203D-03	4.63129D-03	5.22597D-05	-5.80857D-05	1.65753D-04
34	5.75502D-03	-7.25552D-03	2.57379D-03	6.31361D-05	2.92959D-05	1.11880D-04
35	4.94394D-03	-6.58900D-03	2.85346D-03	1.07263D-04	7.81562D-05	7.33774D-05
36	-3.58617D-03	2.19934D-02	-4.97867D-03	-1.05330D-03	-9.25552D-05	-6.08561D-05
37	-1.28320D-03	3.06602D-02	-1.32116D-02	-4.13738D-04	1.33718D-04	-4.72071D-04
38	2.09758D-02	3.21715D-02	-1.54677D-02	-1.85791D-04	5.54531D-04	6.60703D-04
39	1.99580D-02	-4.44324D-02	-1.70700D-02	-8.94033D-04	-5.04159D-04	1.28000D-03
40	1.68508D-02	-4.58638D-02	-6.48586D-03	-2.13538D-03	-1.29367D-04	-9.21049D-04
41	9.96753D-03	-4.59162D-02	8.98168D-03	-2.25715D-03	-8.99932D-05	-9.76259D-04
42	-1.38932D-03	-7.14771D-02	3.29684D-02	-2.85461D-03	2.24291D-04	-1.35289D-03
43	-5.40564D-03	-1.17584D-01	3.30190D-02	-2.65809D-03	2.48639D-04	-1.44596D-03
44	-7.46713D-03	-1.18215D-01	3.46530D-02	-1.28544D-03	5.08922D-05	-2.34756D-03
45	-7.36561D-03	-5.61348D-02	2.22304D-02	4.87397D-03	2.08361D-04	1.26998D-03
46	-7.37808D-03	-5.70464D-02	2.24615D-02	5.00855D-03	-4.67203D-05	8.79341D-04
47	-2.67848D-03	-5.01055D-01	-1.42993D-02	9.30056D-03	6.24589D-04	1.36299D-02
48	-4.47752D-03	-5.39841D-01	-1.12418D-02	1.12572D-02	2.73674D-04	1.04148D-02
49	-3.62834D-02	-2.16444D-01	1.69272D-02	5.86669D-03	2.30090D-04	7.04646D-03
50	-3.60309D-02	-1.02361D-01	1.80291D-02	3.65401D-03	-1.85676D-04	5.43611D-03
51	-3.52628D-02	-6.38292D-02	1.88694D-02	3.58925D-03	-1.95889D-04	5.27169D-03

52	-3.29374D-04	-1.41806D-05	2.07440D-04	7.52621D-05	8.93024D-06	1.32061D-04
53	-1.02829D-10	-1.18371D-10	8.97071D-11	8.65831D-09	7.73918D-10	1.50834D-08
54	-1.00593D-01	-1.89478D-02	-7.60109D-02	-6.11709D-03	3.42979D-03	1.20467D-03
55	-2.96906D-01	-2.35921D-01	-1.34359D-01	-6.50488D-03	8.51085D-03	-2.93668D-04
56	-3.78286D-01	-2.80587D-01	-1.08321D-01	-2.47416D-03	-1.60986D-05	-2.82889D-03
57	-4.43844D-01	-8.08784D-02	1.03948D-01	3.57899D-03	7.37051D-03	1.71964D-02
58	-2.65903D-01	-2.54763D-01	1.03097D-01	7.56457D-03	2.29774D-03	1.80646D-02
59	1.69515D-03	-2.63551D-01	-2.86995D-02	9.08796D-03	7.77386D-04	1.40083D-02
60	3.40919D-03	4.24605D-03	4.71605D-03	1.08834D-04	9.30004D-05	-1.29819D-04
61	5.84210D-04	7.36334D-03	7.03844D-03	3.37656D-05	1.01306D-04	1.09088D-04
62	-2.61699D-03	-1.90344D-03	5.87578D-03	-2.83202D-04	-6.45924D-06	5.71475D-05
63	-2.48326D-03	-3.71651D-03	6.02551D-03	-2.80986D-04	6.87782D-06	6.57373D-05
64	-2.43557D-03	3.26016D-04	4.64383D-03	-2.81798D-04	2.40459D-05	2.21734D-05
65	-5.21627D-04	-6.59420D-04	4.23500D-04	-2.36357D-04	-9.76140D-06	-1.87200D-04
66	5.20549D-03	-6.51884D-04	-6.35118D-03	-2.04832D-04	-2.91373D-05	-1.76017D-04
67	6.77969D-03	-5.23146D-04	-7.41011D-03	1.47106D-04	-2.06794D-05	8.42091D-05
68	5.06333D-03	2.26920D-02	-8.18586D-03	-2.01453D-04	7.10115D-05	9.61536D-05
69	4.26164D-03	1.99411D-02	-8.35772D-03	-5.10701D-04	1.29448D-04	2.09476D-06
70	-6.39447D-04	-1.80209D-03	-8.25474D-03	-4.76589D-04	7.36492D-05	-9.23835D-05
71	-1.49551D-03	-4.97900D-03	-5.37123D-03	-4.47666D-04	-9.00533D-05	-1.46379D-04
72	-2.64342D-03	-5.62327D-03	-8.12933D-04	-1.33272D-04	-1.08369D-05	-1.81886D-05
73	9.69220D-04	-5.79602D-03	-5.10473D-03	9.56979D-05	-1.61375D-05	5.64282D-05
74	1.87173D-03	-4.86549D-03	-5.42440D-03	2.17835D-05	-7.29329D-05	7.54491D-05
76	-6.71534D-04	4.39885D-04	-4.95332D-03	-3.89291D-04	1.29268D-04	-5.22662D-05
77	-6.96205D-04	1.46857D-03	-1.09651D-03	-3.27299D-04	1.59901D-04	-3.39468D-05
78	-2.30904D-04	1.74228D-03	1.74663D-04	-6.32139D-05	3.61234D-04	-8.03130D-05
79	1.01667D-02	1.49330D-03	1.16173D-03	-2.05691D-05	4.41338D-04	1.73970D-04
80	7.38842D-04	2.42099D-04	4.09965D-06	-1.95512D-05	6.65998D-05	3.74197D-05
82	2.99309D-04	4.39006D-04	-1.29046D-03	8.85396D-05	4.40365D-05	1.97675D-05
83	2.78312D-04	4.97644D-04	-1.82335D-03	2.80189D-05	1.84281D-05	-2.10546D-05
84	1.84119D-04	1.80420D-04	-2.09005D-03	-3.49991D-06	1.41552D-05	-2.12521D-05
85	7.98225D-05	4.61113D-05	-1.99998D-03	-3.81094D-05	-1.98883D-06	-7.20088D-06
86	1.83144D-06	4.02898D-05	-1.05742D-05	-2.18991D-05	-9.89734D-08	-2.53643D-06
87	-2.91682D-07	2.66868D-05	-2.01017D-06	-9.64435D-06	-1.03860D-06	-4.15117D-06
88	-2.34451D-06	3.13833D-05	-3.83910D-07	1.34900D-06	8.46906D-08	-3.88803D-06
90	-3.97836D-07	3.30100D-05	-2.22931D-06	-1.28057D-05	1.10621D-06	-1.65227D-06
91	-2.62824D-06	7.01716D-06	-4.49966D-07	-1.67076D-06	-9.54025D-08	-2.43259D-06
93	-5.15093D-03	5.24374D-03	1.38237D-03	2.32059D-04	2.63986D-04	-1.35040D-04
94	-2.20355D-02	2.23600D-02	5.90959D-03	3.14988D-04	3.82272D-04	-2.64460D-04
95	-2.83262D-03	1.66244D-02	-7.99383D-03	-5.17798D-04	-1.95748D-04	-3.79782D-04
96	-3.04438D-03	1.63999D-02	-5.27759D-03	-9.37265D-04	-1.29785D-04	-1.17564D-04
97	-5.67550D-04	4.08667D-03	-3.87079D-03	-4.72074D-04	-2.20187D-04	-2.76865D-04
98	3.83371D-04	5.85843D-07	-2.13438D-03	-4.09964D-04	-2.26019D-04	-2.05589D-04
99	5.64122D-03	2.13824D-02	9.37579D-03	-7.37880D-05	1.44658D-04	-1.24892D-04
100	3.09473D-03	1.56050D-02	6.77746D-03	-1.10467D-04	1.28386D-04	-2.34057D-04
101	3.43182D-04	6.93408D-03	3.99892D-03	-6.98637D-05	1.19412D-04	-2.77189D-04
102	-1.48791D-03	1.57825D-03	2.09815D-03	-1.81007D-05	1.13273D-04	-2.73273D-04
103	1.64046D-03	4.22003D-03	3.44305D-03	5.28054D-05	1.05601D-04	-1.94533D-04
104	-2.28553D-03	-1.74499D-05	-8.92340D-04	2.55190D-05	1.59560D-06	-2.67750D-04
105	-2.43101D-03	3.80051D-04	-9.11984D-04	8.29489D-06	2.08995D-05	-2.71746D-04
106	5.46094D-03	-2.82427D-04	-8.33675D-04	4.85774D-06	2.11886D-05	-2.94067D-04
107	-3.17310D-03	4.22180D-04	-9.26228D-04	-9.43986D-06	3.72895D-05	-2.30345D-04
108	-4.49061D-03	-1.76186D-04	-1.45202D-03	-1.60087D-04	-4.56701D-05	-2.72568D-05
109	-4.04436D-03	-1.01420D-03	-1.44965D-03	-7.78688D-05	-7.86369D-05	-5.27951D-05
110	-3.78720D-03	-1.19473D-03	-1.44860D-03	-4.15763D-05	-9.03111D-05	-6.37402D-05
111	-3.31515D-03	-1.25531D-03	-1.44689D-03	1.70410D-05	-1.05270D-04	-8.10698D-05
112	-2.65802D-03	-1.03869D-03	-1.44553D-03	5.57553D-05	-1.11520D-04	-9.22348D-05
113	3.24124D-04	-7.13947D-04	1.11303D-03	1.22259D-04	-1.08455D-04	-1.09532D-04
114	-1.97142D-03	-6.74049D-04	-1.44580D-03	6.38477D-05	-1.16161D-04	-9.34412D-05
115	-1.66090D-03	-4.96810D-04	-1.44598D-03	6.87140D-05	-1.18865D-04	-9.44760D-05

116	-1.25298D-03	-2.53056D-04	-1.44619D-03	7.30911D-05	-1.21126D-04	-9.58065D-05
117	-8.38972D-04	-2.51129D-09	-1.44625D-03	7.42213D-05	-1.22018D-04	-9.58065D-05
118	-1.54542D-03	-2.53043D-04	-1.68296D-03	1.04221D-04	-1.12547D-04	-1.24168D-04
119	9.14912D-05	5.66441D-04	-1.44632D-03	7.42969D-05	-1.22029D-04	-9.58065D-05
120	-2.32608D-03	-2.53012D-04	-2.36794D-03	1.43595D-04	-9.49811D-05	-1.59804D-04
121	-2.72087D-03	1.19332D-04	-2.94043D-03	1.45831D-04	-9.36801D-05	-1.61803D-04
122	-4.50411D-03	1.84278D-07	-1.98125D-03	-1.73534D-04	-5.11576D-05	-2.02090D-05
123	-4.52813D-03	3.11448D-04	-3.05696D-03	-1.99082D-04	-4.87608D-05	-1.08291D-05
124	-4.57927D-03	1.14020D-04	-4.12662D-03	-2.63625D-04	2.96661D-05	2.24708D-05
125	-4.58818D-03	-1.47486D-04	-3.72718D-03	-2.77072D-04	5.81127D-05	3.10728D-05
126	-4.60189D-03	-9.11305D-04	-2.13913D-03	-2.93746D-04	9.99190D-05	4.28164D-05
127	-6.74033D-03	-1.68679D-03	-1.12896D-02	-3.40110D-04	1.02219D-04	7.01654D-05
128	-4.57302D-03	-1.46286D-03	5.46998D-04	-2.16119D-04	1.18593D-04	1.74625D-05
129	-4.56214D-03	-1.51542D-03	1.35819D-03	-1.78558D-04	1.12778D-04	8.29013D-06
130	-3.47747D-03	-4.78896D-04	2.70800D-03	-6.34740D-05	9.90910D-05	4.01721D-06
131	-5.12085D-03	-2.64188D-03	2.67993D-03	-1.00242D-04	3.31285D-05	-2.77346D-05
132	1.38633D-03	5.66084D-08	8.06242D-04	-2.87405D-05	-1.71348D-05	-2.53472D-04
133	2.73007D-03	1.37830D-02	4.25147D-03	-3.40344D-05	-5.39974D-06	2.05819D-04
134	-1.59926D-03	-3.45591D-07	2.75947D-03	1.82324D-05	1.10552D-04	1.77399D-05
135	1.28915D-04	-9.26274D-04	2.80403D-03	8.78647D-05	1.10863D-04	2.98482D-05
136	2.45204D-03	-3.36064D-03	2.85161D-03	1.29665D-04	1.02910D-04	3.98580D-05
137	1.72644D-03	-3.69775D-03	7.34245D-03	1.60371D-04	1.05102D-04	3.37044D-05
138	4.44538D-03	-5.92055D-03	2.85306D-03	1.14488D-04	8.63986D-05	6.23836D-05
139	5.83146D-03	-4.47069D-03	2.48259D-03	3.49543D-05	-2.01323D-05	1.56147D-04
140	4.43048D-03	-4.28796D-07	3.84331D-03	4.85810D-05	-5.29829D-05	1.60773D-04
141	3.95300D-03	7.70916D-04	4.30703D-03	5.39119D-05	-5.62580D-05	1.59958D-04
142	3.98769D-03	1.43413D-03	4.34928D-03	-4.04037D-05	3.34277D-05	1.15335D-04
143	3.87453D-03	1.53113D-03	4.23936D-03	-7.31449D-05	6.63490D-05	1.03887D-04
144	3.56289D-03	1.52089D-03	3.93284D-03	-1.15446D-04	1.10969D-04	9.53058D-05
145	3.03415D-03	1.37871D-03	3.40812D-03	-1.34093D-04	1.32630D-04	9.83847D-05
146	-1.59183D-03	1.27269D-03	1.02130D-03	-6.80327D-05	1.37008D-04	1.96033D-04
147	2.43723D-03	1.05551D-03	2.81122D-03	-1.67606D-04	1.45388D-04	6.83658D-05
148	2.15647D-03	8.17505D-04	2.53056D-03	-1.87047D-04	1.52700D-04	5.19216D-05
149	1.77914D-03	4.32064D-04	2.15336D-03	-2.03695D-04	1.58713D-04	3.91274D-05
150	1.39095D-03	1.59016D-08	1.76519D-03	-2.08482D-04	1.60910D-04	3.43401D-05
151	1.92016D-03	4.32075D-04	2.76838D-03	-2.59336D-04	1.41135D-04	6.56285D-05
152	5.23936D-04	-9.39787D-04	8.98192D-04	-2.08570D-04	1.60780D-04	3.42523D-05
153	2.37855D-03	4.32088D-04	4.38463D-03	-3.29300D-04	1.05142D-04	9.88720D-05
154	2.58702D-03	1.16586D-05	5.50690D-03	-3.33228D-04	1.02476D-04	1.00737D-04
155	1.63263D-03	4.66410D-07	4.45265D-03	-1.32706D-04	-2.36682D-05	2.33560D-04
156	1.98625D-03	-8.76127D-04	4.80910D-03	-3.03424D-04	6.75074D-05	2.97567D-04
157	3.22029D-03	-7.19076D-04	6.06864D-03	-3.44689D-04	1.11517D-04	3.30324D-04
158	-6.13713D-03	4.20941D-04	-3.75612D-03	-3.60026D-04	1.10941D-04	3.55335D-04
159	5.35602D-03	-2.61887D-04	8.14707D-03	-3.44538D-04	1.52037D-04	3.23089D-04
160	7.39677D-03	-1.85756D-07	1.01909D-02	-3.26258D-04	2.15116D-04	3.20322D-04
161	1.72336D-02	-3.99357D-03	2.19250D-02	-2.81553D-04	5.76953D-05	2.40821D-04
162	1.06125D-02	1.64745D-07	7.67239D-03	-3.73129D-04	-3.55353D-04	-4.26677D-05
163	8.40673D-03	3.58958D-03	1.77787D-03	-3.95249D-04	-3.76835D-04	-9.88295D-05
164	6.99548D-03	6.42381D-03	-2.41864D-03	-4.04831D-04	-3.75004D-04	-1.20753D-04
165	2.40847D-03	1.95589D-02	-2.15748D-02	-3.97990D-04	-1.63168D-04	-2.77802D-05
166	2.54989D-02	3.21530D-02	-1.42587D-02	-1.68069D-04	5.49968D-04	6.28598D-04
167	1.45736D-02	3.19846D-02	-1.73032D-02	-1.98349D-04	5.54158D-04	6.49419D-04
168	2.18968D-02	2.70764D-02	-1.10425D-02	-1.93602D-04	5.49859D-04	7.11700D-04
169	2.30739D-02	1.58357D-02	-4.90467D-03	-2.87774D-04	2.74366D-04	1.09690D-03
170	2.13458D-02	-2.99785D-02	-1.12141D-02	-7.04415D-04	-4.52328D-04	1.43003D-03
171	2.77338D-02	-2.99885D-02	-9.01937D-03	-6.30232D-04	-4.52328D-04	2.32477D-03
172	3.47688D-02	-2.99964D-02	-7.38912D-03	-5.89946D-04	-4.52328D-04	2.82610D-03
173	4.94927D-02	-3.00002D-02	-4.38427D-03	-5.85270D-04	-4.52328D-04	2.88900D-03
174	6.91566D-02	-3.00010D-02	-4.34786D-04	-5.85043D-04	-4.52328D-04	2.92319D-03
175	2.06686D-02	-3.73839D-02	-1.40679D-02	-7.94786D-04	-4.89162D-04	1.37592D-03

176	1.38388D-02	-4.58867D-02	6.46960D-08	-2.19020D-03	-1.12493D-04	-9.51650D-04
177	-7.48314D-03	-5.66008D-08	2.77333D-02	3.81585D-04	-3.64699D-04	-1.72192D-03
178	-7.45283D-03	3.79317D-02	7.25192D-08	2.65683D-03	-8.54265D-06	7.15013D-04
179	3.72924D-03	-1.67481D-07	-1.31481D-02	6.80097D-03	-1.54632D-04	3.22871D-03
180	2.31291D-03	-1.66435D-01	-7.63819D-03	1.04499D-02	-3.75911D-04	1.04480D-03
181	3.69405D-03	-1.40088D-01	-1.20850D-02	1.09540D-02	-5.05555D-04	1.71273D-04
182	5.49183D-03	-1.07162D-01	-3.95272D-02	9.34584D-03	6.90964D-04	1.29554D-02
183	3.82814D-03	-1.75765D-01	-3.48059D-02	9.23985D-03	7.31789D-04	1.33967D-02
184	-1.15069D-01	-2.62506D-01	3.60371D-02	8.32638D-03	1.52695D-03	1.63277D-02
185	-1.17599D-04	-3.56934D-01	-2.27354D-02	9.12192D-03	7.10990D-04	1.40203D-02
186	-1.63093D-02	-3.02727D-01	-6.22787D-04	1.05576D-02	2.60014D-04	7.14995D-03
187	-1.86265D-02	-2.68557D-01	1.45987D-03	1.00294D-02	2.96771D-04	7.10159D-03
188	-2.10192D-02	-2.41276D-01	3.54856D-03	9.30869D-03	3.14208D-04	7.25552D-03
189	-3.56530D-02	-8.31436D-02	1.84381D-02	3.62240D-03	-1.90672D-04	5.35493D-03
190	2.42144D-03	3.08840D-07	-2.60557D-07	-2.81187D-04	9.16760D-05	1.03754D-06
191	2.51939D-03	-1.00147D-06	-2.86250D-02	-1.46945D-04	-7.91236D-05	6.66690D-04
192	2.52035D-03	-5.19176D-03	-2.89232D-02	-1.41629D-04	-4.81745D-05	7.53160D-04
193	-4.99786D-03	-1.52554D-02	-2.58770D-02	6.68553D-04	2.61870D-04	7.77666D-04
194	1.74554D-02	-2.08306D-02	4.98836D-03	-4.63634D-04	-3.28754D-04	9.47703D-06
195	4.67256D-03	-5.02591D-03	1.27604D-03	-2.69010D-04	-2.36560D-04	-1.61353D-05
196	-9.23503D-02	-1.88915D-02	-3.42235D-02	-5.86953D-03	3.39532D-03	1.18078D-03
197	-1.15059D-01	-2.10689D-02	-1.39004D-01	-6.21724D-03	3.43384D-03	1.28682D-03
198	-1.27201D-01	-6.51581D-02	-8.40244D-02	-6.23046D-03	3.54577D-03	1.10046D-03
199	-3.76782D-01	-2.60573D-01	-1.15207D-01	-1.75449D-03	-2.27318D-03	-3.22182D-03
200	-3.52875D-01	-2.02438D-01	-1.96853D-01	-2.56571D-04	-6.21435D-03	-4.19875D-03
201	-3.71504D-01	-2.02500D-01	-2.00309D-01	1.92165D-03	-7.13221D-03	-6.33717D-03
202	-3.85342D-01	-2.02537D-01	-2.05313D-01	2.64535D-03	-7.70393D-03	-6.59914D-03
203	-3.99362D-01	-1.79731D-01	-2.49729D-01	2.66880D-03	-8.73944D-03	-3.95998D-03
204	-3.80580D-01	-1.50577D-01	-3.12018D-01	2.95059D-03	-7.52600D-03	-3.28885D-03
205	-3.67082D-01	-1.16977D-01	-3.55894D-01	3.92635D-03	-6.61146D-03	-5.09339D-03
206	-3.14555D-01	-1.16980D-01	-3.24793D-01	1.19782D-03	-7.30208D-03	-5.05932D-03
207	-2.52926D-01	1.07143D-01	-5.29269D-01	3.57088D-03	-1.93463D-03	-5.04464D-03
208	-4.32579D-01	-2.57337D-06	6.61183D-02	3.71072D-03	7.76364D-03	1.57102D-02
209	-9.60313D-04	8.17577D-03	6.50163D-03	-6.40124D-05	6.57062D-05	1.33571D-04
210	-1.50048D-03	8.06024D-03	6.29402D-03	-7.67471D-05	6.07702D-05	1.34860D-04
211	-4.58901D-03	8.21149D-03	4.79903D-03	-6.77892D-05	6.03308D-05	1.44198D-04
212	-1.98207D-03	7.74535D-03	6.10170D-03	-9.56490D-05	5.60997D-05	1.27437D-04
213	-2.67285D-03	1.03273D-07	5.85021D-03	-2.82656D-04	-2.92371D-06	5.64891D-05
214	6.83904D-03	1.25876D-08	-7.37673D-03	1.51248D-04	-2.05554D-05	9.04433D-05
215	2.71103D-04	3.12103D-03	-8.28127D-03	-5.20505D-04	1.01893D-04	-6.99343D-05
216	-6.49610D-04	-9.58634D-04	-7.42499D-03	-4.49308D-04	9.19317D-05	-7.86344D-05
217	-6.40587D-04	-2.95966D-03	-8.69338D-03	-4.60286D-04	4.17393D-05	-1.10498D-04
218	-2.73107D-03	-5.63672D-03	-1.56903D-07	-1.07614D-04	-1.10085D-05	-1.09220D-05
219	-5.75881D-04	-5.78025D-03	-2.31113D-03	9.71677D-05	-1.32962D-05	5.08700D-05
220	-4.73272D-04	-5.78097D-03	-2.50798D-03	9.73479D-05	-1.33106D-05	5.10299D-05
221	-4.57531D-04	-5.48751D-03	-2.46265D-03	9.73466D-05	-1.32712D-05	5.09436D-05
222	-3.70173D-04	-5.78145D-03	-2.70459D-03	9.74897D-05	-1.33625D-05	5.12383D-05
223	5.15615D-04	-5.79451D-03	-4.32515D-03	9.74008D-05	-1.50186D-05	5.55432D-05
224	6.27594D-04	-5.79489D-03	-4.52127D-03	9.72564D-05	-1.50705D-05	5.56048D-05
225	6.44979D-04	-5.47657D-03	-4.46765D-03	9.72565D-05	-1.50004D-05	5.55197D-05
226	7.39610D-04	-5.79504D-03	-4.71608D-03	9.70933D-05	-1.51895D-05	5.57143D-05
227	1.03480D-03	-2.66212D-03	-3.00562D-03	7.55931D-06	-7.34043D-05	6.87149D-05
228	-6.63571D-04	-8.46181D-09	-5.95725D-03	-4.11285D-04	1.16295D-04	-6.11626D-05
229	-9.78895D-04	4.40077D-04	-2.67689D-03	-3.29340D-04	1.24803D-04	-4.34168D-05
230	-1.14161D-03	4.40185D-04	-1.43608D-03	-2.94696D-04	1.22002D-04	-3.73824D-05
231	4.96942D-08	1.74067D-03	-1.83092D-08	-5.98345D-05	3.62179D-04	-8.31976D-05
232	1.16891D-02	1.50120D-03	1.32247D-03	-1.65097D-05	4.41677D-04	1.62662D-04
233	1.13557D-02	1.50052D-03	1.28860D-03	-1.69264D-05	4.41835D-04	1.64094D-04
234	1.38066D-02	1.55244D-03	1.40401D-03	-1.69518D-05	4.42053D-04	1.64103D-04
235	1.10166D-02	1.49977D-03	1.25362D-03	-1.73131D-05	4.41785D-04	1.65362D-04

236	3.89929D-10	4.39391D-04	8.00563D-10	9.49966D-05	4.66260D-05	2.24597D-05
237	2.26803D-05	4.39350D-04	-9.49960D-05	9.38286D-05	4.59256D-05	2.20018D-05
238	1.53292D-04	4.39281D-04	-6.53932D-04	9.21005D-05	4.50220D-05	2.12407D-05
239	1.53350D-04	3.06469D-04	-3.71562D-04	9.21005D-05	4.48813D-05	2.11293D-05
240	2.78925D-04	4.39109D-04	-1.20096D-03	9.01241D-05	4.44668D-05	2.04563D-05
241	9.29150D-06	4.07953D-05	-1.17438D-04	-2.83816D-05	-2.61383D-07	-1.49799D-06
242	1.90294D-06	2.40296D-05	-7.59396D-06	-1.66979D-05	-6.28784D-07	-3.13030D-06
243	1.90799D-06	5.15809D-05	-8.01481D-06	-1.80333D-05	5.24102D-07	-2.14970D-06
244	-2.14896D-06	2.88227D-05	-3.22143D-07	1.77399D-06	1.25306D-07	-3.19714D-06
245	-1.16455D-06	1.57022D-05	-2.18414D-07	1.94334D-06	1.43361D-07	-2.30576D-06
246	1.34083D-05	1.57077D-05	1.20652D-05	1.94784D-06	1.43361D-07	-2.31093D-06
247	-2.62780D-07	3.52391D-06	-1.18725D-07	1.44897D-06	1.07214D-07	-1.40159D-06
248	-2.41362D-06	5.96222D-06	-3.79713D-07	-1.14190D-06	-1.39929D-07	-2.00009D-06
249	-1.32101D-06	1.45007D-06	-2.61734D-07	-5.92802D-07	-1.60602D-07	-1.44208D-06
250	7.79128D-06	1.45072D-06	-4.01128D-06	-5.94453D-07	-1.60602D-07	-1.44509D-06
251	-3.01848D-07	-4.45115D-07	-1.42273D-07	-2.68305D-07	-1.20960D-07	-8.76588D-07
252	-1.65513D-01	-1.24318D-01	-9.51805D-02	-6.64522D-03	5.72665D-03	4.96396D-04

M O D A L A N A L Y S I S

MODE NUMBER 44
FREQUENCY= 30.5874 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.89608D-01	1.49487D-01	5.10147D-02	1.26692D-03	2.63736D-03	-2.95499D-03
3	-1.61770D-01	1.76599D-01	7.15602D-02	5.35992D-04	1.38581D-03	-5.36046D-03
4	-6.20706D-02	1.76416D-01	8.03067D-02	4.63203D-04	1.43206D-03	-5.57638D-03
5	2.11994D-02	1.44883D-01	7.68116D-02	3.03549D-04	1.52108D-03	-5.77108D-03
6	3.40574D-02	4.82436D-02	4.03177D-02	1.27227D-03	1.78127D-03	-3.79343D-03
7	-6.79115D-03	-3.46143D-02	-3.64240D-02	2.28070D-03	1.35267D-03	-1.68273D-03
8	-1.52382D-02	9.50458D-02	-6.15770D-02	1.86851D-03	-9.82869D-04	-7.67558D-04
9	7.12456D-02	2.08796D-02	2.39891D-02	2.90243D-04	-5.98661D-05	-1.74024D-03
10	6.89541D-02	1.75766D-06	2.12088D-02	2.68481D-04	4.04960D-04	-1.54647D-03
11	-5.37761D-03	3.45004D-03	-1.81368D-02	3.64614D-05	-4.86094D-05	3.84691D-04
12	1.45385D-02	4.31818D-07	-1.82273D-02	7.73426D-05	-3.03788D-04	3.58565D-04
13	1.75300D-02	1.40839D-03	-1.70417D-02	4.13214D-04	2.70050D-04	1.03829D-04
14	1.79704D-02	3.51703D-03	-4.43119D-03	3.43996D-04	-2.63002D-04	-6.44351D-05
15	4.16891D-03	2.37086D-02	-4.52378D-03	1.95632D-04	3.55791D-04	4.99270D-04
16	-2.33084D-03	1.23801D-02	3.36366D-06	1.13298D-04	8.39887D-05	7.89207D-04
17	-2.77755D-03	-5.87488D-02	-8.68776D-03	1.35497D-04	-1.99906D-04	4.32882D-04
18	-4.24876D-03	-6.27486D-02	-1.19726D-02	8.00550D-05	-2.17240D-04	1.09143D-05
19	-6.88119D-03	-6.25491D-02	-1.45311D-02	1.21404D-04	-1.86381D-04	-2.21498D-04
20	-7.86788D-03	-5.69377D-02	-1.62949D-02	1.06026D-04	-4.25710D-05	-5.75465D-04
21	-8.08254D-03	-1.61969D-02	-1.31652D-02	2.37338D-04	1.18426D-04	-7.38208D-04
22	-1.15464D-03	-1.97926D-03	-4.87518D-03	2.12905D-04	1.47953D-04	-1.98653D-04
23	5.15275D-10	-9.98145D-10	-3.21475D-10	2.96475D-08	1.19858D-08	-7.27322D-09
25	-5.46006D-03	3.64459D-03	-1.71649D-03	7.27136D-05	8.44132D-05	-3.90610D-05
26	-5.42743D-03	5.16310D-03	4.34917D-05	1.17286D-04	4.58384D-05	-1.05003D-04
27	-4.23429D-03	5.15981D-03	1.35050D-03	1.18270D-04	4.53851D-05	-1.09544D-04
28	-1.55317D-03	2.54726D-03	2.89618D-03	1.16642D-04	5.11421D-05	-9.53927D-05
29	-1.54786D-03	1.49710D-03	2.32814D-03	1.15705D-04	5.19743D-05	-8.81017D-05
30	-1.28937D-03	-3.27862D-03	1.00076D-02	2.29343D-04	-5.78005D-05	-3.76844D-05
31	-3.12568D-03	9.37784D-04	-7.13654D-03	3.41935D-04	-1.96797D-05	-2.42269D-04
32	-8.71220D-03	-2.01304D-03	-1.26906D-02	2.73787D-05	1.86084D-04	-3.49485D-04
33	-1.55084D-02	-4.50197D-03	-1.24971D-02	-1.05452D-04	2.34851D-04	-4.14306D-04
34	-2.40941D-02	2.95257D-02	-3.77015D-03	-2.33537D-04	-1.48094D-04	-5.00002D-04
35	-2.00705D-02	2.75149D-02	-5.13298D-03	-4.19123D-04	-3.65498D-04	-3.94100D-04
36	5.93447D-02	8.07690D-04	2.66949D-02	1.62513D-03	1.84982D-03	-3.36203D-03
37	8.79085D-02	-2.10050D-02	2.86561D-02	3.29762D-04	6.75156D-04	-4.22991D-04
38	-2.74292D-04	-2.20446D-02	2.46013D-02	2.54612D-04	-1.18550D-03	3.42295D-04
39	-3.37703D-03	3.13266D-03	9.66535D-03	7.09341D-04	6.65727D-04	-8.37076D-04
40	-3.40072D-03	5.55243D-03	5.09596D-03	1.69080D-03	4.23893D-04	2.57955D-04
41	-1.30664D-03	5.58126D-03	-7.26701D-03	1.83678D-03	3.87356D-04	3.24289D-04
42	2.77761D-03	2.99607D-02	-2.88355D-02	2.97683D-03	-1.51358D-05	8.89889D-04
43	3.44367D-03	7.93892D-02	-2.88867D-02	2.97392D-03	-5.89683D-05	1.06405D-03
44	4.44729D-03	9.12528D-02	-3.00156D-02	2.38579D-03	-7.82282D-05	1.75618D-03
45	4.35498D-03	3.36299D-02	-1.28490D-02	3.67431D-04	-1.74996D-04	-6.29273D-04
46	4.38454D-03	3.49187D-02	-1.31350D-02	2.91302D-04	-3.16659D-05	-2.33240D-04
47	1.67233D-04	1.51378D-02	2.60517D-04	-2.07335D-04	-1.42296D-05	-3.54629D-04
48	2.06547D-04	1.62223D-02	1.92582D-04	-2.72227D-04	-5.49664D-06	-2.53193D-04
49	8.74895D-04	5.26869D-03	-4.04792D-04	-1.52723D-04	-4.86175D-06	-1.60682D-04
50	8.36698D-04	2.40929D-03	-4.36205D-04	-8.97684D-05	5.73634D-06	-1.24892D-04
51	8.12877D-04	1.50159D-03	-4.62459D-04	-8.78021D-05	5.86331D-06	-1.21353D-04

52	7.91215D-06	3.02450D-07	-4.77110D-06	-1.89086D-06	5.57920D-08	-3.00072D-06
53	3.01138D-12	2.52466D-12	-1.55919D-12	-2.16140D-10	4.83509D-12	-3.44079D-10
54	2.77859D-03	1.71225D-03	3.02686D-03	1.62150D-04	-9.77827D-05	-4.06339D-06
55	8.64808D-03	8.15392D-03	4.75100D-03	1.92626D-04	-2.63429D-04	4.20515D-05
56	1.14575D-02	9.42994D-03	3.68362D-03	9.40109D-05	-4.19006D-05	1.13393D-04
57	1.28799D-02	2.73438D-03	-1.05088D-03	-1.51847D-06	-2.18554D-04	-5.43159D-04
58	7.45670D-03	8.46200D-03	-1.96766D-03	-1.35010D-04	-6.77418D-05	-5.13978D-04
59	6.74463D-05	8.68154D-03	5.90232D-04	-1.95143D-04	-1.75818D-05	-3.63622D-04
60	1.01168D-01	2.13089D-02	4.16421D-02	9.73367D-04	2.54674D-04	-1.06251D-03
61	7.63370D-02	4.27870D-02	5.45433D-02	1.53421D-04	2.16954D-03	1.22293D-03
62	-8.76419D-02	-1.36560D-02	-1.08963D-02	-2.52011D-03	1.43140D-03	1.44293D-03
63	-8.93860D-02	-2.56260D-02	-2.76029D-03	-3.48136D-03	-2.00103D-03	1.07715D-03
64	-8.90262D-02	3.97559D-02	1.81121D-01	-5.29053D-03	-2.47541D-03	2.83666D-04
65	-5.27497D-02	1.99447D-02	1.16424D-01	-6.73038D-03	-1.38559D-03	-3.50843D-03
66	5.49605D-02	1.99561D-02	-8.57603D-02	-6.40394D-03	-1.50168D-03	-3.34709D-03
67	9.61666D-02	-6.09636D-03	-1.36683D-01	1.15407D-03	-1.08907D-03	1.90502D-03
68	1.28717D-01	3.83815D-01	-1.15664D-01	-3.29101D-03	1.25974D-03	1.90186D-03
69	1.12940D-01	3.37879D-01	-1.19100D-01	-8.68966D-03	2.63435D-03	2.04457D-04
70	1.09073D-02	-3.26457D-02	-1.17741D-01	-8.12186D-03	1.62267D-03	-1.69204D-03
71	-5.27174D-03	-9.23480D-02	-8.28794D-02	-7.39285D-03	-7.26199D-04	-2.79934D-03
72	-2.78904D-02	-1.04845D-01	-1.29178D-02	-2.14494D-03	5.80498D-04	-4.83221D-04
73	1.47528D-02	-1.08239D-01	-7.86594D-02	1.50403D-03	1.26068D-04	7.92244D-04
74	2.99657D-02	-9.23629D-02	-8.67925D-02	1.75852D-04	-1.09863D-03	1.31924D-03
76	1.01042D-02	6.65138D-03	-5.64301D-02	-6.80987D-03	2.18822D-03	-7.56409D-04
77	9.43529D-03	1.74127D-02	5.58991D-03	-5.89672D-03	2.51482D-03	-2.27494D-04
78	-1.19109D-03	6.79416D-03	5.21925D-03	-1.79940D-03	5.33790D-03	-5.01658D-04
79	1.52061D-01	3.62257D-03	-3.19885D-03	6.19571D-04	6.61486D-03	2.42529D-03
80	1.12581D-02	1.70082D-03	-5.95940D-05	-1.04737D-04	1.01404D-03	5.48614D-04
82	9.61588D-04	6.69664D-03	-2.78814D-02	1.91823D-03	4.69293D-04	5.21235D-05
83	1.07867D-06	7.48058D-03	-3.72836D-02	7.73863D-04	-3.21047D-07	-4.49255D-04
84	1.84674D-04	2.66298D-03	-3.67997D-02	1.16464D-04	-3.53139D-05	-3.78631D-04
85	-9.89361D-04	6.89555D-04	-3.45548D-02	-5.93594D-04	-2.75538D-04	-8.28454D-05
86	6.48980D-07	6.02578D-04	-1.95720D-04	-3.90364D-04	-1.35069D-05	-2.31636D-05
87	-3.11296D-05	4.98178D-04	-2.31181D-05	-1.69899D-04	-1.43456D-05	-6.62401D-05
88	-5.14992D-05	5.80113D-04	-4.23862D-06	2.59726D-05	2.69985D-06	-6.56445D-05
90	-4.54147D-05	3.94781D-04	-5.11104D-05	-2.17179D-04	2.33568D-05	-2.88546D-05
91	-8.79765D-05	-5.67047D-06	-1.19991D-05	-1.91983D-05	-4.27008D-06	-4.38497D-05
93	-3.07696D-02	2.44170D-02	8.31172D-03	9.84874D-04	1.62109D-03	-1.11190D-03
94	-1.38385D-01	1.09342D-01	3.72442D-02	1.38036D-03	2.59940D-03	-2.46553D-03
95	4.32983D-02	8.15400D-02	5.77210D-02	1.12116D-03	1.76797D-03	-4.07650D-03
96	4.94151D-02	1.94829D-02	3.20712D-02	1.54540D-03	1.85615D-03	-3.56158D-03
97	2.47179D-02	1.91736D-02	2.27809D-02	1.45141D-03	1.76039D-03	-3.40989D-03
98	1.75072D-02	1.52838D-06	9.24733D-03	1.63067D-03	1.71982D-03	-3.03750D-03
99	2.50971D-02	9.85192D-02	-2.14863D-02	8.22999D-04	-1.34295D-03	-1.57978D-03
100	5.05090D-02	7.39471D-02	3.87127D-03	3.62837D-04	-1.09410D-03	-1.89432D-03
101	6.91562D-02	3.39906D-02	2.20416D-02	2.22259D-04	-3.89814D-04	-1.86668D-03
102	7.05681D-02	7.82950D-03	2.30089D-02	2.40646D-04	2.31242D-04	-1.65811D-03
103	8.69405D-02	2.10799D-02	3.02424D-02	6.97504D-04	8.48937D-05	-1.40594D-03
104	-4.31223D-03	3.49772D-03	-1.82812D-02	-6.32223D-05	-1.99820D-04	4.89464D-04
105	7.91414D-04	1.58611D-03	-1.83730D-02	-1.30481D-04	-2.84061D-04	5.49131D-04
106	-1.57810D-02	2.99384D-03	-2.40737D-02	-2.31917D-04	-2.75529D-04	6.16684D-04
107	8.01592D-03	-2.74336D-04	-1.83064D-02	-4.61117D-05	-3.38067D-04	4.71399D-04
108	1.75864D-02	7.40546D-04	-1.44409D-02	4.54185D-04	3.20430D-04	9.32212D-05
109	1.49967D-02	2.05857D-03	-1.43763D-02	8.34607D-05	4.20049D-04	1.61133D-04
110	1.36712D-02	2.08497D-03	-1.43483D-02	4.28461D-05	4.62735D-04	1.90238D-04
111	1.13123D-02	2.18015D-03	-1.43035D-02	1.23943D-04	5.28355D-04	2.36321D-04
112	8.01746D-03	3.21834D-03	-1.42680D-02	3.06283D-04	5.68012D-04	2.66010D-04
113	-1.05583D-03	4.93071D-03	2.45364D-02	1.89613D-03	6.67962D-04	3.14338D-04
114	4.62888D-03	3.66668D-03	-1.42700D-02	-5.45797D-05	5.63237D-04	2.67876D-04
115	3.15603D-03	3.09051D-03	-1.42713D-02	-2.55248D-04	5.60929D-04	2.69476D-04

116	1.26875D-03	1.72781D-03	-1.42728D-02	-4.15739D-04	5.59400D-04	2.71533D-04
117	-6.17219D-04	1.31537D-07	-1.42734D-02	-4.71194D-04	5.59487D-04	2.71533D-04
118	2.04486D-03	1.72805D-03	-1.33757D-02	-2.81314D-04	5.46175D-04	3.15399D-04
119	-4.88785D-03	-3.59606D-03	-1.42741D-02	-4.71693D-04	5.60165D-04	2.71533D-04
120	3.91525D-03	1.72852D-03	-1.24027D-02	-1.10683D-04	5.19095D-04	3.70474D-04
121	4.05774D-03	1.46466D-03	-1.19983D-02	-1.00845D-04	5.17090D-04	3.73556D-04
122	1.76548D-02	-8.07207D-07	-1.07638D-02	5.10123D-04	3.59362D-04	9.38179D-05
123	1.77780D-02	-2.02773D-03	-3.29508D-03	6.16406D-04	3.74109D-04	9.44977D-05
124	1.80505D-02	-4.37935D-03	1.06412D-02	8.84909D-04	8.55624D-05	-4.91859D-05
125	1.81001D-02	-3.70081D-03	1.11103D-02	9.40848D-04	-3.28788D-05	-1.04533D-04
126	1.81775D-02	-7.92967D-04	8.89487D-03	1.01021D-03	-2.14315D-04	-1.88385D-04
127	2.68808D-02	1.87139D-03	4.07241D-02	1.18247D-03	-2.23841D-04	-3.01648D-04
128	1.80787D-02	2.20149D-03	1.91424D-03	7.29220D-04	-3.21366D-04	-1.20286D-04
129	1.80413D-02	2.77812D-03	-4.21248D-04	5.93258D-04	-3.21734D-04	-9.67020D-05
130	1.44668D-02	5.40666D-04	-4.55481D-03	1.67184D-04	-3.38378D-04	-1.13350D-04
131	1.96935D-02	7.18424D-03	-4.44676D-03	3.20474D-04	-9.21080D-05	1.71538D-05
132	-2.40458D-03	-2.47362D-07	6.52587D-04	1.16867D-04	1.33367D-05	8.35263D-04
133	-7.93159D-03	-4.68033D-02	-1.64128D-02	1.43029D-04	1.90741D-05	-6.99575D-04
134	7.68833D-03	1.40917D-06	-4.74437D-03	-1.37545D-04	-4.15544D-04	-1.88946D-04
135	9.74264D-04	4.53831D-03	-4.91008D-03	-3.85770D-04	-4.46724D-04	-2.55648D-04
136	-8.65015D-03	1.47225D-02	-5.08826D-03	-5.16905D-04	-4.42344D-04	-3.10789D-04
137	-1.06900D-03	1.63255D-02	-2.23643D-02	-6.15230D-04	-4.48217D-04	-3.10374D-04
138	-1.76971D-02	2.48876D-02	-5.12102D-03	-4.51101D-04	-3.96714D-04	-3.66776D-04
139	-2.48438D-02	1.71704D-02	-3.12879D-03	-7.70469D-05	8.49537D-05	-5.72968D-04
140	-1.88210D-02	9.63728D-07	-9.19203D-03	-7.89597D-05	2.23898D-04	-4.76281D-04
141	-1.68540D-02	-2.82494D-03	-1.11557D-02	-9.91710D-05	2.31647D-04	-4.32626D-04
142	-1.71148D-02	-4.12936D-03	-1.14646D-02	2.01353D-04	-9.13495D-05	-3.15457D-04
143	-1.67643D-02	-4.18878D-03	-1.11348D-02	2.86433D-04	-2.10680D-04	-3.08943D-04
144	-1.57274D-02	-4.04387D-03	-1.01309D-02	3.67150D-04	-3.73549D-04	-3.52647D-04
145	-1.39245D-02	-4.00422D-03	-8.35404D-03	3.70670D-04	-4.53824D-04	-4.29290D-04
146	9.68881D-03	-3.94471D-03	-7.69018D-03	-1.31513D-04	-4.81742D-04	-1.04767D-03
147	-1.18822D-02	-3.44379D-03	-6.31071D-03	5.26372D-04	-4.97638D-04	-2.86693D-04
148	-1.09214D-02	-2.74611D-03	-5.34959D-03	6.15560D-04	-5.22784D-04	-2.08745D-04
149	-9.62974D-03	-1.48107D-03	-4.05763D-03	6.90458D-04	-5.43485D-04	-1.48297D-04
150	-8.30011D-03	-7.58133D-08	-2.72773D-03	7.13166D-04	-5.51100D-04	-1.25589D-04
151	-1.02354D-02	-1.48117D-03	-6.09861D-03	8.48807D-04	-4.77519D-04	-2.98041D-04
152	-5.33106D-03	3.17108D-03	2.41558D-04	7.13477D-04	-5.50601D-04	-1.25278D-04
153	-1.24353D-02	-1.48133D-03	-1.12933D-02	1.04763D-03	-3.42446D-04	-4.86429D-04
154	-1.37780D-02	-4.63799D-04	-1.48470D-02	1.05875D-03	-3.32441D-04	-4.97054D-04
155	-7.53033D-03	-7.00469D-07	-1.15185D-02	7.60065D-05	1.68874D-04	-3.33424D-04
156	-4.09722D-03	3.01606D-03	-8.12233D-03	2.74354D-04	7.31820D-05	-2.76196D-04
157	-3.25234D-03	2.63964D-03	-7.27353D-03	3.20453D-04	3.69679D-05	-2.74819D-04
158	4.70112D-03	1.66803D-03	1.39129D-03	3.25899D-04	3.77972D-05	-2.94209D-04
159	-3.04207D-03	1.35407D-03	-7.05910D-03	3.37153D-04	3.08336D-06	-2.52380D-04
160	-3.49620D-03	3.19010D-07	-7.50026D-03	3.40229D-04	-5.81028D-05	-2.33091D-04
161	-8.34807D-03	-1.34166D-03	-1.33509D-02	2.82808D-04	-4.82715D-05	-2.05227D-04
162	-5.68469D-03	-5.63166D-08	-7.27540D-03	2.67410D-04	1.73687D-04	-9.38479D-05
163	-4.59449D-03	-4.18438D-04	-4.32348D-03	2.69473D-04	1.88008D-04	-6.37526D-05
164	-3.90408D-03	-8.52801D-04	-2.24029D-03	2.69546D-04	1.89329D-04	-4.70763D-05
165	-1.47053D-03	-3.58737D-03	8.22173D-03	2.54917D-04	1.10825D-04	-1.38545D-05
166	2.32840D-03	-2.20320D-02	2.29443D-02	2.30903D-04	-1.16533D-03	3.88814D-04
167	-3.83866D-03	-2.22187D-02	2.70040D-02	2.74816D-04	-1.18479D-03	3.45755D-04
168	-2.28589D-03	-2.48777D-02	1.51281D-02	2.57462D-04	-1.18663D-03	2.81845D-04
169	-5.25252D-03	-2.57748D-02	1.11679D-03	3.01779D-04	-7.53799D-04	-2.06848D-04
170	-4.98950D-03	-5.66272D-03	2.16409D-03	5.71868D-04	5.36125D-04	-8.66576D-04
171	-8.54638D-03	-5.66469D-03	6.83916D-05	6.81480D-04	5.36125D-04	-1.23888D-03
172	-1.22041D-02	-5.66623D-03	-1.86043D-03	7.43560D-04	5.36125D-04	-1.44800D-03
173	-1.97256D-02	-5.66698D-03	-5.70126D-03	7.51544D-04	5.36125D-04	-1.47439D-03
174	-2.97506D-02	-5.66713D-03	-1.08006D-02	7.57085D-04	5.36125D-04	-1.48967D-03
175	-4.22399D-03	-1.17492D-03	5.72570D-03	6.37377D-04	6.19075D-04	-8.67034D-04

176	-2.54011D-03	5.56484D-03	-1.30592D-07	1.75378D-03	4.08234D-04	2.87989D-04
177	4.44918D-03	5.83243D-08	-2.66867D-02	1.83953D-03	2.85807D-04	1.32442D-03
178	4.41949D-03	-2.75581D-02	-5.62750D-08	1.09396D-03	1.08085D-04	-5.31643D-04
179	-1.25616D-03	3.86227D-08	4.79401D-03	-3.80160D-05	1.40096D-04	3.09878D-04
180	-2.41449D-04	8.76361D-03	8.40354D-04	-1.14360D-04	-5.01465D-05	-7.45100D-05
181	-1.40205D-04	8.79775D-03	4.58742D-04	-1.47784D-04	-3.11118D-05	-1.56095D-05
182	-1.77619D-05	4.54887D-03	8.13264D-04	-2.02701D-04	-1.36189D-05	-3.25284D-04
183	1.84585D-05	6.34273D-03	7.19994D-04	-1.99734D-04	-1.53315D-05	-3.41140D-04
184	3.21397D-03	8.64498D-03	-7.25312D-04	-1.63835D-04	-4.24314D-05	-4.48287D-04
185	1.08708D-04	1.12221D-02	4.54054D-04	-1.98318D-04	-1.61908D-05	-3.65230D-04
186	4.25568D-04	9.22370D-03	-7.36128D-06	-2.75531D-04	-5.57274D-06	-1.55655D-04
187	4.76664D-04	8.09590D-03	-5.37047D-05	-2.63149D-04	-6.60845D-06	-1.54047D-04
188	5.30719D-04	7.15577D-03	-1.01158D-04	-2.44614D-04	-7.11306D-06	-1.58661D-04
189	8.24881D-04	1.95648D-03	-4.49090D-04	-8.88034D-05	5.80586D-06	-1.23143D-04
190	-1.39427D-03	-4.16314D-08	8.28051D-08	1.93407D-04	-9.78068D-05	-1.37824D-05
191	-1.53784D-03	8.54935D-08	1.39650D-03	1.23192D-04	5.42976D-05	-6.66616D-05
192	-1.54168D-03	5.11029D-04	1.74800D-03	1.20411D-04	5.34601D-05	-7.66360D-05
193	-7.82911D-04	1.51561D-03	3.14303D-03	6.13479D-05	4.00947D-05	-7.67918D-05
194	-4.05882D-03	2.68735D-03	-1.22614D-03	6.66078D-05	8.32371D-05	-2.93013D-05
195	-1.03231D-03	6.63121D-04	-3.09134D-04	3.86384D-05	5.42935D-05	-9.89894D-06
196	2.75346D-03	1.70939D-03	1.93250D-03	1.52869D-04	-9.62824D-05	-4.09651D-06
197	2.88512D-03	1.77335D-03	4.71039D-03	1.65707D-04	-9.78982D-05	-6.19123D-06
198	3.53848D-03	3.01500D-03	3.25410D-03	1.67005D-04	-1.01718D-04	-7.24358D-07
199	1.15235D-02	8.63754D-03	3.52351D-03	7.54358D-05	3.44813D-05	1.26182D-04
200	1.09095D-02	6.49876D-03	5.62726D-03	3.63249D-05	1.77931D-04	1.58159D-04
201	1.15879D-02	6.50077D-03	5.63004D-03	-2.55257D-05	2.05327D-04	2.28376D-04
202	1.20844D-02	6.50198D-03	5.71178D-03	-4.53270D-05	2.22392D-04	2.37453D-04
203	1.26696D-02	5.71953D-03	6.86861D-03	-4.11106D-05	2.55085D-04	1.53933D-04
204	1.21145D-02	4.68385D-03	8.71151D-03	-4.72519D-05	2.27449D-04	1.33945D-04
205	1.16979D-02	3.51316D-03	1.00650D-02	-7.61106D-05	2.06220D-04	1.93442D-04
206	9.74580D-03	3.51325D-03	9.50181D-03	-1.31052D-06	2.29336D-04	1.86223D-04
207	7.65806D-03	-4.03967D-03	1.63923D-02	-5.89994D-05	8.19629D-05	1.85944D-04
208	1.25469D-02	8.94249D-08	7.34588D-05	-8.38436D-06	-2.29272D-04	-4.95059D-04
209	3.76520D-02	5.05870D-02	3.92772D-02	-5.53234D-04	2.25851D-03	1.37537D-03
210	1.87160D-02	5.03928D-02	3.16763D-02	-6.52569D-04	2.25549D-03	1.37926D-03
211	-1.08145D-02	5.17794D-02	1.66825D-02	-6.20837D-04	2.25404D-03	1.40432D-03
212	-1.36417D-04	4.88579D-02	2.40816D-02	-7.77935D-04	2.24589D-03	1.35933D-03
213	-7.63688D-02	6.10061D-07	-6.39454D-03	-2.38352D-03	1.62187D-03	1.37200D-03
214	9.90650D-02	4.53601D-07	-1.35053D-01	1.27709D-03	-1.08031D-03	2.02226D-03
215	3.04858D-02	5.12819D-02	-1.18094D-01	-8.87160D-03	2.16535D-03	-1.24141D-03
216	1.06586D-02	-1.69897D-02	-1.00658D-01	-7.71186D-03	1.80412D-03	-1.40982D-03
217	1.09163D-02	-5.41437D-02	-1.29648D-01	-7.78695D-03	1.14586D-03	-2.04770D-03
218	-3.03633D-02	-1.05109D-01	-2.29907D-06	-1.73325D-03	5.57277D-04	-3.55267D-04
219	-6.68316D-03	-1.07927D-01	-3.48244D-02	1.52279D-03	2.47669D-04	6.94048D-04
220	-5.28076D-03	-1.07941D-01	-3.79101D-02	1.52571D-03	2.45727D-04	6.96501D-04
221	-5.15429D-03	-1.03917D-01	-3.96681D-02	1.52568D-03	2.46376D-04	6.94804D-04
222	-3.87125D-03	-1.07951D-01	-4.09918D-02	1.52804D-03	2.43164D-04	6.99961D-04
223	8.40966D-03	-1.08209D-01	-6.64193D-02	1.52960D-03	1.61456D-04	7.73831D-04
224	9.97135D-03	-1.08216D-01	-6.94994D-02	1.52742D-03	1.58893D-04	7.75006D-04
225	1.01373D-02	-1.03765D-01	-7.08072D-02	1.52742D-03	1.60040D-04	7.73324D-04
226	1.15340D-02	-1.08219D-01	-7.25583D-02	1.52497D-03	1.55234D-04	7.77194D-04
227	1.69135D-02	-5.10206D-02	-4.90789D-02	-1.76284D-05	-1.17000D-03	1.24553D-03
228	1.03085D-02	-4.88146D-07	-7.36581D-02	-7.14041D-03	2.05325D-03	-9.91807D-04
229	5.71855D-03	6.65753D-03	-1.65118D-02	-5.75906D-03	2.09782D-03	-6.30164D-04
230	3.35954D-03	6.66118D-03	5.19109D-03	-5.13037D-03	2.04111D-03	-5.58088D-04
231	1.29602D-06	6.76269D-03	-1.36381D-07	-1.73412D-03	5.35294D-03	-5.68741D-04
232	1.73300D-01	3.69500D-03	-8.71227D-03	6.40395D-04	6.61909D-03	2.24575D-03
233	1.68686D-01	3.68814D-03	-7.42215D-03	6.39014D-04	6.62160D-03	2.26823D-03
234	2.05370D-01	-3.49418D-04	-5.92835D-03	6.39025D-04	6.62495D-03	2.26839D-03
235	1.63981D-01	3.68128D-03	-6.13361D-03	6.37406D-04	6.62093D-03	2.28820D-03

236	3.78207D-09	6.70117D-03	6.63486D-09	2.04503D-03	5.15057D-04	8.11164D-05
237	8.30294D-05	6.70101D-03	-2.04971D-03	2.02343D-03	5.00878D-04	7.54410D-05
238	5.17656D-04	6.70072D-03	-1.41196D-02	1.98970D-03	4.82583D-04	6.63188D-05
239	5.17848D-04	6.30523D-03	-1.11186D-02	1.98970D-03	4.78219D-04	6.38443D-05
240	9.01861D-04	6.69817D-03	-2.59445D-02	1.94994D-03	4.75096D-04	5.90119D-05
241	1.96418D-05	6.10134D-04	-2.10904D-03	-5.07385D-04	-3.60252D-05	4.39522D-06
242	1.90604D-06	3.97276D-04	-1.14180D-04	-2.98071D-04	-1.79724D-05	-3.63949D-05
243	2.78459D-06	7.33605D-04	-1.70520D-04	-3.18034D-04	3.83652D-06	-2.17342D-05
244	-4.69538D-05	5.32429D-04	-3.54470D-06	3.33556D-05	3.20167D-06	-5.39795D-05
245	-2.44740D-05	2.88719D-04	-2.37935D-06	3.60458D-05	3.24420D-06	-3.89293D-05
246	2.21565D-04	2.88826D-04	2.25507D-04	3.61343D-05	3.24420D-06	-3.90163D-05
247	-5.09127D-06	6.42111D-05	-1.29336D-06	2.67444D-05	2.32846D-06	-2.36638D-05
248	-8.05052D-05	-1.20635D-05	-1.01144D-05	-1.02627D-05	-5.25441D-06	-3.60457D-05
249	-4.29140D-05	-3.21172D-05	-6.94927D-06	-1.89590D-06	-5.49680D-06	-2.59770D-05
250	1.21170D-04	-3.21290D-05	-1.89607D-05	-1.90336D-06	-5.49680D-06	-2.60246D-05
251	-9.28471D-06	-1.81521D-05	-3.77747D-06	1.05344D-06	-4.02044D-06	-1.57905D-05
252	4.66124D-03	4.74213D-03	3.57393D-03	1.87379D-04	-1.70642D-04	1.82328D-05

M O D A L A N A L Y S I S

MODE NUMBER 45
FREQUENCY= 32.1273 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.68431D-01	-1.93070D-01	-7.12940D-02	-1.31694D-03	-3.66856D-03	4.19642D-03
3	2.29313D-01	-2.16794D-01	-7.96749D-02	9.71975D-04	-1.76234D-03	7.34714D-03
4	9.25857D-02	-2.16554D-01	-6.02169D-02	1.04320D-03	-1.82919D-03	7.63556D-03
5	-2.08838D-02	-1.70668D-01	-3.67941D-02	4.21962D-04	-1.72088D-03	7.65819D-03
6	-4.51030D-02	-4.98534D-02	-2.53034D-05	-1.77601D-03	-1.52409D-03	4.38634D-03
7	-1.43332D-02	2.78670D-02	5.86200D-02	-2.79998D-03	-8.23066D-04	1.60041D-03
8	-3.97663D-02	-1.39322D-01	3.56244D-02	-1.44457D-03	1.05362D-03	6.58970D-04
9	-1.14744D-01	-1.86808D-02	-3.94738D-02	7.75577D-05	-2.78570D-04	8.84252D-04
10	-1.06807D-01	-2.11914D-06	-3.03205D-02	2.24661D-04	-9.48791D-04	9.89804D-04
11	6.15088D-03	3.03435D-02	3.64132D-02	-2.96407D-04	3.01335D-05	1.01897D-04
12	-7.38588D-03	1.96334D-06	3.69021D-02	-5.19339D-04	1.60787D-04	-1.14558D-04
13	-8.03194D-03	-4.68268D-03	3.46098D-02	-3.68005D-04	-2.58563D-04	-2.50304D-04
14	-8.26321D-03	9.67161D-04	-2.92844D-03	-4.56226D-05	1.49689D-05	1.45588D-04
15	-1.12891D-03	-4.61978D-03	-2.91088D-03	-8.67203D-05	-1.18921D-04	-7.38901D-05
16	6.40746D-04	-3.23585D-03	-3.75973D-03	-7.24288D-05	1.67598D-05	-1.99087D-04
17	7.79994D-04	1.85810D-02	3.86095D-03	-9.08869D-05	1.07820D-04	-1.50875D-04
18	1.45308D-03	2.03537D-02	5.45162D-03	-7.44271D-05	9.62836D-05	-1.40559D-05
19	2.56014D-03	2.09814D-02	6.53642D-03	-8.78258D-05	7.82606D-05	6.37548D-05
20	2.95161D-03	1.95264D-02	7.23805D-03	-7.98760D-05	1.49421D-05	1.86082D-04
21	3.01528D-03	5.97521D-03	5.73569D-03	-1.15839D-04	-5.22661D-05	2.50750D-04
22	5.72313D-04	8.32354D-04	2.10082D-03	-9.37398D-05	-5.46316D-05	7.53232D-05
23	-1.42568D-10	3.46023D-10	1.50396D-10	-1.26398D-08	-4.12769D-09	3.63552D-09
25	5.40570D-03	-4.87962D-03	1.71928D-03	-8.30009D-05	-8.11528D-05	3.92089D-05
26	4.79090D-03	-5.99172D-03	6.74027D-04	-6.09159D-05	-3.03622D-05	1.31270D-04
27	3.30161D-03	-5.98830D-03	4.61075D-06	-6.05707D-05	-2.91896D-05	1.36167D-04
28	8.43238D-05	-2.90728D-03	-6.98218D-04	-5.89799D-05	-2.16137D-05	1.09850D-04
29	7.91425D-05	-1.69966D-03	-4.63554D-04	-5.81994D-05	-2.08723D-05	1.01035D-04
30	-4.82482D-05	1.38158D-03	-2.97214D-03	-6.85630D-05	1.39736D-05	1.95313D-05
31	8.92083D-05	-2.27743D-04	2.06302D-03	-6.66424D-05	7.34550D-06	4.60683D-05
32	2.22031D-03	4.62651D-04	4.13746D-03	-1.24402D-06	-8.46255D-05	7.49847D-05
33	6.04438D-03	1.10575D-03	3.80895D-03	2.16896D-05	-1.56224D-04	9.52159D-05
34	1.32873D-02	-7.83820D-03	-3.54083D-03	4.55216D-05	6.61716D-05	1.14198D-04
35	1.11697D-02	-7.41865D-03	-2.84494D-03	9.60464D-05	2.00916D-04	8.31880D-05
36	-6.89495D-02	2.94867D-02	1.28758D-02	-3.73576D-03	-1.80877D-03	4.76324D-03
37	-1.10147D-01	7.88052D-02	-8.22349D-03	-1.57886D-03	-7.05896D-04	1.03176D-03
38	3.01851D-05	8.43279D-02	-2.35404D-02	-8.04810D-05	1.15280D-03	-5.61456D-04
39	4.94967D-04	4.36848D-02	-2.11841D-02	-1.34467D-03	-9.61226D-04	1.32699D-03
40	2.76021D-03	3.96654D-02	-9.25797D-03	-3.06090D-03	-4.22673D-04	-2.96514D-05
41	2.23985D-03	3.96405D-02	1.30819D-02	-3.28900D-03	-3.80426D-04	-1.08151D-04
42	-1.14072D-03	-8.14221D-04	4.98711D-02	-4.83510D-03	1.39619D-04	-8.30000D-04
43	-4.06575D-03	-8.09040D-02	4.99810D-02	-4.82736D-03	2.16947D-04	-1.06427D-03
44	-7.23249D-03	-1.07504D-01	5.36828D-02	-4.01914D-03	3.53206D-04	-2.01707D-03
45	-6.94311D-03	-3.96660D-02	1.96048D-02	-1.17995D-03	3.25844D-04	7.33112D-04
46	-7.00473D-03	-4.13728D-02	2.01780D-02	-1.07595D-03	8.93606D-05	2.01894D-04
47	-2.06248D-04	-5.86478D-03	2.74661D-04	-6.54579D-05	-1.45440D-06	4.17692D-05
48	-1.96598D-04	-6.17896D-03	2.61417D-04	-2.33689D-05	-3.12145D-06	-1.64902D-05
49	2.89159D-04	1.23465D-03	-1.58569D-04	3.58153D-06	-3.01347D-06	-5.75489D-05
50	3.36145D-04	8.68332D-04	-1.59055D-04	-2.31606D-05	-6.82213D-07	-4.73746D-05
51	3.39082D-04	5.60583D-04	-1.55390D-04	-2.37587D-05	-4.35040D-07	-4.60701D-05

52	3.02878D-06	6.10526D-07	-2.46528D-06	-5.88819D-07	-4.81044D-07	-1.39303D-06
53	3.82170D-13	5.09629D-12	-2.02990D-12	-7.03948D-11	-4.16885D-11	-1.57701D-10
54	-1.28401D-03	-1.82965D-03	-1.96901D-03	-9.61867D-06	1.97480D-05	-3.92993D-05
55	-3.05706D-03	-2.34736D-03	-2.47705D-03	1.16978D-05	9.56439D-05	-7.35760D-05
56	-4.35342D-03	-1.51604D-03	-1.84255D-03	3.64722D-05	6.11007D-05	-1.10916D-04
57	-3.90786D-03	-1.52703D-03	-3.15893D-03	-1.67615D-04	4.60650D-05	2.49367D-04
58	-1.83626D-03	-4.37920D-03	-1.40584D-03	-1.19681D-04	1.73506D-05	1.36578D-04
59	-2.15169D-04	-4.36918D-03	3.02219D-04	-8.27366D-05	-2.01914D-06	4.62222D-05
60	-9.95072D-02	-1.91432D-02	-6.73906D-02	-1.61088D-03	-4.69034D-05	-1.59399D-03
61	-1.26970D-02	-7.16674D-02	-9.59210D-02	8.40953D-04	-1.30192D-04	-5.63944D-03
62	-1.10909D-01	2.13062D-02	-1.37166D-01	3.59696D-03	1.62973D-03	-2.01547D-03
63	-1.11172D-01	2.99659D-02	-1.20987D-01	2.52818D-03	-3.59866D-03	-3.57469D-04
64	-1.11537D-01	4.76119D-02	2.14879D-01	-1.73389D-03	-4.57739D-03	2.20178D-04
65	-8.93934D-02	3.64296D-02	2.00949D-01	-6.21577D-03	-1.60261D-03	-2.30971D-03
66	-1.73771D-02	3.64629D-02	4.05899D-03	-6.44836D-03	-1.51618D-03	-2.26293D-03
67	1.54194D-02	-2.07892D-03	-5.80620D-02	-3.10492D-04	-1.17709D-03	1.78516D-03
68	1.01508D-01	2.49820D-01	-1.09904D-02	-2.09450D-03	5.39844D-04	1.39554D-03
69	9.27586D-02	2.19806D-01	-1.30232D-02	-5.73152D-03	1.59071D-03	1.95134D-04
70	2.55744D-02	-2.26500D-02	-1.33635D-02	-5.17637D-03	1.38680D-03	-1.31484D-03
71	1.06798D-02	-7.46675D-02	-2.23024D-02	-3.78262D-03	1.71313D-03	-2.67223D-03
72	-1.29903D-02	-8.71469D-02	-3.70599D-03	-7.19824D-04	2.48435D-03	-7.63716D-04
73	-3.65015D-03	-9.03852D-02	-3.49932D-02	5.27673D-04	1.18110D-03	6.29720D-04
74	1.48544D-02	-7.41923D-02	-4.48380D-02	-3.85026D-04	-3.74171D-04	9.17116D-04
76	2.51258D-02	7.31286D-04	2.58157D-02	-4.74106D-03	1.09967D-04	-1.49510D-05
77	2.47093D-02	-1.19826D-02	5.20071D-02	-4.48203D-03	9.90384D-04	6.96223D-04
78	8.86493D-04	-3.81167D-02	7.81613D-03	-2.58944D-03	1.95744D-03	2.32909D-04
79	8.75865D-02	-3.97075D-02	-4.83224D-02	2.41333D-03	3.67209D-03	1.30850D-03
80	6.78961D-03	-3.14171D-03	-3.39349D-04	3.51461D-04	5.96597D-04	3.41727D-04
82	-4.17919D-03	7.32440D-04	-3.23102D-02	2.23524D-03	-7.54670D-04	-2.94866D-04
83	-4.06985D-03	1.79980D-03	-3.74807D-02	1.25144D-03	-1.04282D-03	-4.24411D-04
84	1.95136D-03	1.03430D-03	-2.05748D-02	5.83681D-04	-9.34401D-04	-2.94329D-04
85	2.29405D-03	2.84086D-04	-1.69958D-02	-9.87443D-05	-8.97801D-04	-1.44871D-04
86	5.60648D-05	2.48419D-04	-1.75122D-04	-2.40297D-04	-4.39407D-05	-3.25598D-05
87	4.21244D-05	1.26468D-04	8.39057D-06	-1.14859D-04	-3.94390D-06	-4.04565D-05
88	3.58684D-05	2.36165D-04	5.82573D-06	6.21867D-06	-2.49603D-06	-3.95747D-05
90	-4.28116D-06	2.41858D-04	-8.20054D-05	-1.34328D-04	3.31832D-05	-2.50004D-05
91	-8.20284D-05	8.30658D-07	-1.89761D-05	-1.24131D-05	-2.64988D-06	-3.04904D-05
93	4.43025D-02	-3.33655D-02	-1.16637D-02	-1.29017D-03	-2.31454D-03	1.59185D-03
94	1.96929D-01	-1.44019D-01	-5.22542D-02	-1.60622D-03	-3.64626D-03	3.51000D-03
95	-5.30826D-02	-8.77303D-02	-1.52979D-02	-1.43465D-03	-1.54582D-03	4.77842D-03
96	-5.92567D-02	-4.74984D-03	7.60740D-03	-3.27278D-03	-1.75791D-03	4.78009D-03
97	-3.73030D-02	-1.91560D-02	1.48117D-02	-1.98567D-03	-1.44362D-03	3.80929D-03
98	-3.15300D-02	-1.38043D-06	2.57908D-02	-2.17606D-03	-1.35430D-03	3.30880D-03
99	-7.63933D-02	-1.21281D-01	-1.19781D-03	-6.66626D-06	1.23551D-03	1.59730D-03
100	-1.00399D-01	-7.99459D-02	-2.55001D-02	4.60436D-04	9.82367D-04	1.75256D-03
101	-1.15085D-01	-3.02550D-02	-3.98798D-02	3.19210D-04	1.19903D-04	1.25109D-03
102	-1.10940D-01	-7.60440D-03	-3.49194D-02	2.17288D-04	-7.03364D-04	9.98588D-04
103	-1.14652D-01	-1.88963D-02	-4.76678D-02	-9.72904D-04	-1.71951D-04	-4.39991D-04
104	4.93463D-03	2.74978D-02	3.67453D-02	-3.32799D-04	1.53190D-04	3.52359D-05
105	9.43525D-04	2.02659D-02	3.69564D-02	-3.38059D-04	1.93104D-04	-2.72716D-06
106	9.27192D-04	2.04548D-02	3.16080D-02	-1.91071D-04	1.80741D-04	1.03526D-06
107	-3.65019D-03	1.03972D-02	3.69363D-02	-4.90767D-04	2.06425D-04	-4.83427D-05
108	-8.06397D-03	-2.57769D-03	3.22139D-02	-3.53143D-04	-2.92876D-04	-2.53854D-04
109	-6.04328D-03	-2.53530D-03	3.20955D-02	8.23535D-05	-3.02619D-04	-1.71595D-04
110	-5.12694D-03	-2.03353D-03	3.20440D-02	6.12919D-05	-3.19930D-04	-1.36341D-04
111	-3.53709D-03	-1.89962D-03	3.19615D-02	-2.27273D-04	-3.62611D-04	-8.05223D-05
112	-1.26458D-03	-4.06282D-03	3.18958D-02	-6.41417D-04	-4.03431D-04	-4.45600D-05
113	-3.13170D-04	-8.32457D-03	-4.20934D-02	-3.65028D-03	-5.83950D-04	1.35234D-05
114	1.05776D-03	-5.46387D-03	3.19010D-02	-6.88293D-06	-3.77918D-04	-4.20390D-05
115	2.01915D-03	-4.72037D-03	3.19044D-02	3.44400D-04	-3.63749D-04	-3.98766D-05

116	3.21128D-03	-2.67912D-03	3.19082D-02	6.23198D-04	-3.52504D-04	-3.70964D-05
117	4.37698D-03	-2.33326D-07	3.19099D-02	7.21520D-04	-3.49109D-04	-3.70964D-05
118	3.19948D-03	-2.67974D-03	3.08477D-02	2.24791D-04	-3.70504D-04	2.21560D-05
119	7.04616D-03	5.50700D-03	3.19114D-02	7.22363D-04	-3.50188D-04	-3.70964D-05
120	3.55524D-03	-2.68094D-03	3.12381D-02	-2.81021D-04	-4.07362D-04	9.66836D-05
121	4.99841D-03	-3.45914D-03	3.24374D-02	-3.10119D-04	-4.10092D-04	1.00878D-04
122	-8.10208D-03	2.17882D-07	2.89603D-02	-3.41058D-04	-3.18262D-04	-2.52599D-04
123	-8.17115D-03	4.83313D-03	2.25804D-02	-3.18095D-04	-3.42159D-04	-2.25966D-04
124	-8.32590D-03	1.14728D-02	6.48780D-03	-2.60083D-04	-2.70259D-04	8.87099D-06
125	-8.35452D-03	1.10844D-02	3.88045D-03	-2.47997D-04	-2.26064D-04	8.57735D-05
126	-8.39938D-03	8.28591D-03	-3.06485D-04	-2.33011D-04	-1.49363D-04	1.94880D-04
127	-1.52700D-02	7.76377D-03	-7.42431D-03	-2.64501D-04	-1.43393D-04	2.65848D-04
128	-8.33404D-03	4.03866D-03	-2.54189D-03	-1.53975D-04	-7.33588D-05	1.88431D-04
129	-8.30945D-03	2.87515D-03	-2.85194D-03	-1.15733D-04	-4.05154D-05	1.76844D-04
130	-7.39423D-03	1.02202D-03	-2.91731D-03	1.35211D-05	1.04535D-04	1.28250D-04
131	-8.12095D-03	3.93671D-04	-2.92747D-03	-5.60295D-05	-2.94221D-05	1.13822D-04
132	6.63718D-04	2.00164D-07	-3.23767D-03	-7.53963D-05	4.54795D-05	-2.29912D-04
133	2.97088D-03	1.62204D-02	7.23807D-03	-9.00101D-05	-1.14176D-05	2.30305D-04
134	-4.40848D-03	-2.81732D-08	-2.89905D-03	8.15931D-05	2.01519D-04	1.01456D-04
135	-7.57759D-04	-1.68699D-03	-2.88190D-03	1.16979D-04	2.46838D-04	7.78132D-05
136	4.78707D-03	-4.42736D-03	-2.86262D-03	1.22346D-04	2.49172D-04	5.82683D-05
137	4.12753D-03	-4.73940D-03	9.68078D-04	1.28148D-04	2.50579D-04	4.04254D-05
138	9.85581D-03	-6.81270D-03	-2.84985D-03	1.04677D-04	2.20282D-04	7.50148D-05
139	1.29550D-02	-4.55303D-03	-3.14661D-03	5.11803D-06	-8.03455D-05	1.37729D-04
140	8.32774D-03	-2.70677D-07	1.51901D-03	1.11883D-05	-1.58863D-04	1.12515D-04
141	6.95654D-03	7.02531D-04	2.89458D-03	1.85529D-05	-1.58677D-04	1.00415D-04
142	7.34403D-03	8.97974D-04	3.30085D-03	-8.32770D-05	-1.34005D-05	9.01346D-05
143	7.30259D-03	8.64470D-04	3.26756D-03	-1.09698D-04	4.00117D-05	1.02941D-04
144	7.02179D-03	8.14685D-04	2.99979D-03	-1.30323D-04	1.12631D-04	1.44440D-04
145	6.44757D-03	9.31569D-04	2.43592D-03	-1.24602D-04	1.48162D-04	1.90187D-04
146	-3.67984D-03	9.30058D-04	2.81151D-03	7.64922D-05	1.59846D-04	4.49503D-04
147	5.76715D-03	9.21843D-04	1.75472D-03	-1.80748D-04	1.67644D-04	1.40462D-04
148	5.43958D-03	7.57274D-04	1.42677D-03	-2.12958D-04	1.78823D-04	1.13761D-04
149	4.99336D-03	4.16572D-04	9.80116D-04	-2.40077D-04	1.88012D-04	9.37225D-05
150	4.53001D-03	2.72693D-08	5.16551D-04	-2.48227D-04	1.91378D-04	8.55727D-05
151	5.37555D-03	4.16631D-04	1.69217D-03	-2.96789D-04	1.55658D-04	1.88009D-04
152	3.49973D-03	-8.77906D-04	-5.13919D-04	-2.48322D-04	1.91053D-04	8.54774D-05
153	6.76307D-03	4.16742D-04	3.51362D-03	-3.67822D-04	8.94079D-05	3.06818D-04
154	7.83740D-03	3.10129D-04	4.81928D-03	-3.71769D-04	8.45009D-05	3.13532D-04
155	1.70949D-03	1.99939D-07	3.63608D-03	-1.20174D-05	-7.26586D-05	6.98524D-05
156	3.92383D-04	-6.22251D-04	2.35716D-03	-5.23295D-05	-2.46761D-05	5.39849D-05
157	1.25928D-04	-5.69824D-04	2.10001D-03	-5.92521D-05	-1.17452D-05	5.48300D-05
158	-1.55987D-03	-3.85512D-04	6.17472D-04	-5.62760D-05	-1.23469D-05	6.19701D-05
159	6.12018D-05	-3.27744D-04	2.03562D-03	-6.48503D-05	-4.58040D-07	4.85266D-05
160	2.16064D-04	-1.03542D-07	2.19061D-03	-6.66720D-05	2.07888D-05	4.47093D-05
161	2.00383D-03	8.29553D-05	4.38137D-03	-5.61916D-05	2.24207D-05	4.36905D-05
162	1.37401D-03	2.14994D-08	2.85229D-03	-6.40321D-05	-5.24545D-05	1.26725D-05
163	1.03887D-03	2.78720D-04	1.94181D-03	-6.70779D-05	-5.82529D-05	4.39581D-06
164	8.24997D-04	5.20357D-04	1.29383D-03	-6.86016D-05	-5.94517D-05	4.50106D-07
165	2.95883D-05	1.75798D-03	-2.12439D-03	-7.07646D-05	-3.86654D-05	2.03004D-06
166	-4.18620D-03	8.42565D-02	-2.31503D-02	-4.88731D-05	1.13265D-03	-6.24518D-04
167	5.83643D-03	8.46505D-02	-2.42162D-02	-1.00888D-04	1.15211D-03	-5.68779D-04
168	1.99178D-03	8.84977D-02	-1.43082D-02	-9.83679D-05	1.15165D-03	-4.71727D-04
169	4.81172D-03	8.97396D-02	-1.02314D-03	-2.82111D-04	6.42199D-04	3.05131D-04
170	2.84158D-03	5.72242D-02	-1.02015D-02	-1.01739D-03	-8.24826D-04	1.39039D-03
171	8.43468D-03	5.72461D-02	-6.75514D-03	-1.05994D-03	-8.24826D-04	1.92640D-03
172	1.40852D-02	5.72633D-02	-3.86680D-03	-1.08551D-03	-8.24826D-04	2.22807D-03
173	2.56493D-02	5.72718D-02	1.70956D-03	-1.08923D-03	-8.24826D-04	2.26632D-03
174	4.10577D-02	5.72735D-02	9.08641D-03	-1.09438D-03	-8.24826D-04	2.28955D-03
175	1.71086D-03	5.01228D-02	-1.54958D-02	-1.17664D-03	-9.13252D-04	1.37940D-03

176	2.58405D-03	3.96552D-02	2.03229D-07	-3.16185D-03	-4.04567D-04	-6.43840D-05
177	-7.20212D-03	-6.56083D-08	5.61192D-02	-3.25073D-03	-4.82503D-04	-1.60268D-03
178	-7.10295D-03	3.54101D-02	1.13757D-07	-2.20195D-03	-3.23784D-04	6.40299D-04
179	1.61378D-03	-4.64037D-08	-6.83327D-03	-5.29602D-04	-2.28361D-04	-6.25659D-04
180	2.93470D-04	-5.75088D-03	-1.07463D-03	-3.74967D-04	9.60572D-05	7.81266D-06
181	8.39675D-05	-6.66247D-03	-2.74856D-04	-3.33873D-04	7.09387D-05	-3.60028D-05
182	-2.26183D-04	-3.49573D-03	3.65770D-04	-8.43161D-05	-4.93276D-06	2.69179D-05
183	-2.19631D-04	-3.85716D-03	3.31894D-04	-8.33093D-05	-3.83226D-06	3.46761D-05
184	-7.90081D-04	-4.35004D-03	-4.27368D-04	-1.03653D-04	7.80344D-06	9.49328D-05
185	-2.11304D-04	-4.97537D-03	2.90163D-04	-7.67222D-05	-1.58520D-06	4.67633D-05
186	4.47287D-05	-3.52675D-03	5.18461D-05	2.25356D-05	-4.24316D-06	-6.53185D-05
187	7.87732D-05	-2.84340D-03	2.21551D-05	2.39047D-05	-4.15304D-06	-6.76204D-05
188	1.10011D-04	-2.19313D-03	-4.72132D-06	2.24291D-05	-4.01989D-06	-6.73382D-05
189	3.37737D-04	7.15525D-04	-1.57107D-04	-2.34872D-05	-5.73364D-07	-4.67609D-05
190	-8.04105D-06	3.23340D-08	-2.39759D-08	-6.52857D-05	3.15435D-05	-3.81727D-06
191	7.09792D-05	-7.98816D-08	-1.04418D-04	-5.88822D-05	-1.96734D-05	7.79088D-05
192	7.40175D-05	-5.82966D-04	-2.35426D-04	-5.86286D-05	-2.01802D-05	8.83827D-05
193	-7.85465D-04	-1.71182D-03	-9.53024D-04	-4.58576D-05	-1.76501D-05	8.30866D-05
194	4.04677D-03	-3.69925D-03	1.23979D-03	-8.10555D-05	-8.13508D-05	2.75596D-05
195	1.04396D-03	-9.68285D-04	3.20289D-04	-5.21583D-05	-5.44650D-05	6.93507D-06
196	-1.56114D-03	-1.82813D-03	-1.90858D-03	-8.58326D-06	1.93410D-05	-3.91210D-05
197	-9.08603D-04	-1.84043D-03	-2.09313D-03	-1.14083D-05	1.97937D-05	-3.85753D-05
198	-1.43374D-03	-1.99571D-03	-2.01237D-03	-8.13071D-06	2.12827D-05	-4.09002D-05
199	-4.50178D-03	-4.32253D-04	-1.37650D-03	3.38832D-05	3.22227D-05	-1.16299D-04
200	-4.49124D-03	1.77001D-03	-1.44220D-03	2.53719D-05	-3.02080D-05	-1.16162D-04
201	-4.91711D-03	1.77002D-03	-1.54671D-03	3.54123D-05	-3.64404D-05	-1.35480D-04
202	-5.20427D-03	1.77001D-03	-1.62423D-03	3.81939D-05	-4.03225D-05	-1.39333D-04
203	-5.69694D-03	2.31367D-03	-1.95620D-03	3.31509D-05	-4.93888D-05	-1.21213D-04
204	-5.58276D-03	3.16431D-03	-2.33460D-03	2.36449D-05	-5.07528D-05	-9.33804D-05
205	-5.47960D-03	3.84269D-03	-2.66103D-03	3.13462D-05	-5.26660D-05	-1.21395D-04
206	-4.21437D-03	3.83870D-03	-2.36856D-03	1.22443D-05	-6.48082D-05	-1.02069D-04
207	-3.44338D-03	6.84080D-03	-4.89550D-03	-1.74770D-05	-5.00886D-05	-6.61618D-05
208	-3.83953D-03	-4.59820D-08	-3.40042D-03	-1.59373D-04	4.67999D-05	2.30730D-04
209	-1.46374D-02	-8.86294D-02	-9.80425D-02	2.18507D-03	7.59200D-04	-6.09624D-03
210	-2.11854D-02	-9.05035D-02	-1.00847D-01	2.34768D-03	8.94451D-04	-6.13110D-03
211	1.16760D-01	-9.62377D-02	-5.35981D-02	2.23306D-03	9.02083D-04	-6.39452D-03
212	-2.95122D-02	-8.96876D-02	-1.04225D-01	2.56851D-03	1.02108D-03	-5.90630D-03
213	-9.75712D-02	-1.28002D-06	-1.31797D-01	3.90644D-03	1.81528D-03	-2.44699D-03
214	1.85012D-02	3.58947D-07	-5.63624D-02	-1.88435D-04	-1.17344D-03	1.86719D-03
215	4.03992D-02	3.14902D-02	-1.32864D-02	-5.74369D-03	1.57277D-03	-9.56050D-04
216	2.54402D-02	-1.04791D-02	-1.04728D-04	-5.04034D-03	1.28610D-03	-9.69183D-04
217	2.55867D-02	-4.02052D-02	-2.72432D-02	-4.75636D-03	1.33997D-03	-1.67125D-03
218	-1.72259D-02	-8.73958D-02	-1.62136D-07	-5.46731D-04	2.41348D-03	-6.53846D-04
219	-1.96660D-02	-9.00768D-02	-1.93024D-02	5.74258D-04	1.46858D-03	4.54367D-04
220	-1.87423D-02	-9.00903D-02	-2.04649D-02	5.73937D-04	1.46266D-03	4.59023D-04
221	-1.89286D-02	-8.75463D-02	-2.85781D-02	5.73902D-04	1.46318D-03	4.57434D-04
222	-1.78035D-02	-9.00995D-02	-2.16191D-02	5.73438D-04	1.45623D-03	4.64604D-04
223	-8.70388D-03	-9.03528D-02	-3.07520D-02	5.41055D-04	1.25122D-03	5.98582D-04
224	-7.48746D-03	-9.03603D-02	-3.18370D-02	5.39547D-04	1.24479D-03	6.01393D-04
225	-7.59076D-03	-8.70496D-02	-3.87656D-02	5.39521D-04	1.24549D-03	5.99822D-04
226	-6.26265D-03	-9.03634D-02	-3.29090D-02	5.38071D-04	1.23769D-03	6.05023D-04
227	9.27768D-03	-4.05426D-02	-2.80794D-02	-3.51058D-04	-5.89677D-04	8.83705D-04
228	2.52440D-02	-1.31379D-06	1.67987D-02	-4.85073D-03	1.16207D-03	-3.69974D-04
229	2.51418D-02	7.31871D-04	5.39242D-02	-4.02695D-03	1.00114D-03	-1.08923D-05
230	2.51112D-02	7.32214D-04	6.91470D-02	-3.54612D-03	9.39309D-04	-2.86432D-05
231	8.73132D-07	-3.81666D-02	2.74027D-07	-2.54481D-03	1.97737D-03	1.73777D-04
232	9.90954D-02	-3.97580D-02	-6.90859D-02	2.32796D-03	3.65503D-03	1.19643D-03
233	9.66264D-02	-3.97557D-02	-6.43699D-02	2.33911D-03	3.65836D-03	1.21048D-03
234	1.16892D-01	-5.28013D-02	-6.40704D-02	2.34011D-03	3.66041D-03	1.21062D-03
235	9.41008D-02	-3.97507D-02	-5.96169D-02	2.34841D-03	3.65974D-03	1.22294D-03

236	1.23462D-09	7.34333D-04	-2.13279D-08	2.34918D-03	-7.24240D-04	-3.02227D-04
237	-3.01727D-04	7.34288D-04	-2.36948D-03	2.33445D-03	-7.39697D-04	-3.01026D-04
238	-2.10331D-03	7.34210D-04	-1.63421D-02	2.30497D-03	-7.59640D-04	-2.99438D-04
239	-2.10417D-03	2.63099D-03	-2.12107D-02	2.30497D-03	-7.68824D-04	-3.00582D-04
240	-3.88607D-03	7.33102D-04	-3.00583D-02	2.26596D-03	-7.56840D-04	-2.96449D-04
241	1.60633D-04	2.51521D-04	-1.35689D-03	-3.08579D-04	-1.17319D-04	-2.35395D-05
242	5.55601D-05	6.54429D-05	-3.94903D-05	-1.86779D-04	-3.23260D-05	-3.58372D-05
243	5.84835D-05	4.00858D-04	-2.22396D-04	-1.94985D-04	-1.36086D-05	-2.98002D-05
244	3.27129D-05	2.18303D-04	4.92203D-06	1.12084D-05	-2.52704D-06	-3.25641D-05
245	1.68944D-05	1.24124D-04	3.40440D-06	1.41760D-05	-2.32273D-06	-2.35189D-05
246	1.65710D-04	1.24175D-04	9.30773D-05	1.42164D-05	-2.32273D-06	-2.35906D-05
247	3.35928D-06	3.00671D-05	1.85056D-06	1.10681D-05	-1.63442D-06	-1.42964D-05
248	-7.55538D-05	-3.60015D-06	-1.59946D-05	-6.78553D-06	-4.17090D-06	-2.50617D-05
249	-4.20908D-05	-1.82312D-05	-1.09875D-05	-1.48489D-06	-4.97104D-06	-1.80577D-05
250	7.19529D-05	-1.82388D-05	-2.04209D-05	-1.49360D-06	-4.97104D-06	-1.80888D-05
251	-9.89021D-06	-1.10659D-05	-5.97257D-06	4.64996D-07	-3.80656D-06	-1.09766D-05
252	-1.70319D-03	-2.15667D-03	-2.08348D-03	9.28679D-07	5.06476D-05	-5.22410D-05

M O D A L A N A L Y S I S

MODE NUMBER 46
FREQUENCY= 32.4251 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	4.32551D-03	-2.46508D-03	-1.10179D-03	-6.47782D-06	-5.86973D-05	6.10617D-05
3	3.96828D-03	-2.29561D-03	-5.07955D-04	7.77512D-05	-3.13579D-05	9.38282D-05
4	2.21808D-03	-2.29451D-03	9.48943D-04	7.66523D-05	-3.29018D-05	9.80994D-05
5	7.53278D-04	-1.59647D-03	1.93026D-03	2.39608D-05	-1.76649D-05	9.91570D-05
6	1.34247D-04	-2.78904D-04	1.85421D-03	-4.29990D-05	1.64239D-05	4.97322D-05
7	-4.75683D-04	4.28486D-04	7.69954D-04	-3.71243D-05	3.02688D-05	3.22383D-05
8	-2.42050D-03	2.04916D-04	-1.92517D-03	-1.53593D-05	4.35044D-06	2.74442D-06
9	-1.73292D-03	-1.71964D-04	-1.22493D-03	2.01553D-05	-2.08744D-05	-8.88364D-06
10	-1.41860D-03	2.39978D-09	-9.12620D-04	2.18616D-05	-2.84193D-05	-7.63045D-06
11	9.14548D-04	1.07036D-03	5.16972D-04	-8.62208D-06	2.47567D-05	-2.71204D-05
12	-2.03179D-03	3.43809D-08	5.17342D-04	-1.19806D-05	4.95492D-05	-1.61558D-05
13	-3.01099D-03	5.75707D-05	1.33520D-03	8.53899D-06	2.70553D-05	6.68311D-08
14	-2.96739D-03	-9.68799D-05	3.91839D-05	7.05239D-06	2.75408D-06	-5.41946D-05
15	-1.30665D-03	-1.24870D-03	4.28371D-05	-2.58877D-05	-3.12153D-05	-5.04800D-05
16	-7.29524D-04	-7.69740D-04	-3.81286D-04	-2.57821D-05	-9.65448D-06	-5.10362D-05
17	-6.88199D-04	3.62637D-03	2.03395D-04	-2.00312D-05	1.89652D-05	-2.51337D-05
18	-5.29838D-04	3.90068D-03	5.45057D-04	-1.50382D-05	2.47026D-05	2.70218D-06
19	-2.19515D-04	3.95670D-03	8.47612D-04	-1.68297D-05	2.29715D-05	1.74940D-05
20	-8.76884D-05	3.60165D-03	1.10382D-03	-1.52039D-05	9.91455D-06	3.96086D-05
21	-5.91639D-05	9.46855D-04	1.09613D-03	-2.18148D-05	-7.48207D-06	4.42871D-05
22	-2.51994D-04	1.59657D-04	3.97885D-04	-1.78026D-05	-1.34302D-05	1.39808D-06
23	-8.17358D-11	7.31603D-11	2.50358D-11	-2.39692D-09	-1.40379D-09	-1.31253D-09
25	-3.97794D-01	3.89932D-01	-1.27017D-01	6.32079D-03	5.89789D-03	-2.75443D-03
26	-3.40393D-01	4.61139D-01	-6.94027D-02	2.97060D-03	1.76581D-03	-1.01516D-02
27	-2.25276D-01	4.60889D-01	-3.72360D-02	2.90848D-03	1.64175D-03	-1.05186D-02
28	2.19577D-02	2.24335D-01	-5.08711D-03	2.81627D-03	5.96314D-04	-8.45470D-03
29	2.23291D-02	1.31375D-01	-1.11031D-02	2.75466D-03	4.92007D-04	-7.78403D-03
30	2.88816D-02	-7.17132D-02	-9.77632D-03	1.66030D-03	6.50052D-05	-1.15853D-03
31	1.93611D-02	-1.88707D-03	1.60243D-02	-7.57079D-04	5.39078D-04	5.21006D-04
32	2.25008D-03	1.72029D-03	-1.18505D-03	-1.77478D-04	3.85597D-05	4.36292D-04
33	2.33385D-03	1.48025D-03	-1.20900D-03	5.54324D-05	1.58074D-06	2.23961D-04
34	1.69686D-03	-4.43912D-04	-2.17790D-04	1.39249D-06	1.63937D-05	-8.26423D-05
35	1.50300D-03	2.43569D-04	-9.82759D-05	2.49392D-06	2.19771D-05	-1.35262D-04
36	3.39488D-04	2.00209D-03	1.74845D-03	-1.45706D-04	1.45678D-05	9.96686D-05
37	-3.11779D-04	3.81128D-03	4.61534D-04	-6.69713D-05	1.98060D-05	3.98716D-05
38	-7.53862D-04	4.10829D-03	-2.18374D-04	-1.53129D-05	2.09088D-05	2.09201D-05
39	-9.84239D-04	1.85014D-03	-1.48742D-03	-1.20261D-04	-5.65189D-05	6.38965D-05
40	-6.40974D-04	1.59745D-03	-6.03663D-04	-1.99658D-04	-4.68654D-05	2.80655D-05
41	-4.59933D-04	1.59773D-03	8.45092D-04	-2.11614D-04	-5.00244D-05	1.94537D-05
42	-3.37418D-04	-8.31220D-04	3.10123D-03	-2.89870D-04	-2.39326D-05	-5.99147D-05
43	5.50828D-05	-5.66744D-03	3.10850D-03	-2.99314D-04	-2.06251D-05	-9.56509D-05
44	8.81183D-05	-7.29433D-03	3.19205D-03	-3.07343D-04	1.90312D-05	-1.58433D-04
45	1.15848D-04	-2.06748D-03	-5.28537D-04	-5.57632D-04	1.83552D-05	-1.18797D-04
46	1.06447D-04	-1.91009D-03	-4.67287D-04	-5.55729D-04	2.74766D-05	-1.65353D-04
47	-1.06919D-02	-1.66732D-02	2.68067D-02	-1.26648D-03	5.07482D-05	1.32147D-05
48	-1.03202D-02	-1.97911D-02	2.63580D-02	-8.79621D-04	-2.00265D-04	-5.16226D-04
49	1.47198D-02	2.28670D-02	3.68833D-03	-2.88110D-04	-1.16429D-06	-9.74076D-04
50	1.00143D-02	1.44142D-02	2.38550D-03	-3.08559D-04	3.28960D-04	-8.68394D-04
51	8.65986D-03	9.26493D-03	8.62974D-04	-3.02418D-04	3.26340D-04	-8.57401D-04

52	1.04525D-04	7.93295D-06	1.07611D-05	-5.89311D-06	1.85911D-05	-2.68739D-05
53	8.00462D-11	6.62193D-11	3.55504D-11	-5.92816D-10	1.61115D-09	-3.18765D-09
54	2.43027D-02	1.41719D-01	-2.41593D-02	-4.10126D-03	7.84944D-04	3.61812D-03
55	-5.44237D-03	2.63403D-02	-3.21411D-02	-4.65299D-03	1.12166D-03	2.78375D-03
56	-2.55482D-02	-3.82948D-02	-1.97931D-02	-3.99133D-03	1.34637D-03	1.65581D-03
57	-1.86613D-02	-6.62046D-05	-3.56219D-02	-2.48956D-03	1.36087D-03	-6.96991D-04
58	-1.76047D-02	-7.24068D-03	-4.48220D-03	-2.00066D-03	5.20596D-04	5.38733D-04
59	-1.00469D-02	-6.26623D-03	2.49001D-02	-1.46759D-03	1.24004D-04	1.21995D-04
60	-1.48911D-03	-1.75602D-04	-6.36095D-04	2.87003D-05	-1.78635D-05	-1.44551D-05
61	-7.86072D-04	-2.14249D-05	-6.63105D-05	1.81775D-05	-1.10980D-05	-4.22503D-05
62	-7.92310D-04	7.43496D-06	-5.81208D-05	1.08336D-05	6.57964D-06	-2.51084D-05
63	-8.17587D-04	-8.45383D-05	-4.50976D-05	1.38788D-05	-8.03297D-06	-2.06213D-06
64	-8.20468D-04	1.90787D-04	7.61641D-04	-3.99541D-06	-1.15134D-05	4.13604D-06
65	-6.69110D-04	1.36002D-04	6.93079D-04	-2.03554D-05	-3.60477D-06	-1.80594D-05
66	-9.32467D-05	1.37075D-04	4.08657D-05	-2.12358D-05	-4.92577D-06	-1.87205D-05
67	1.75201D-04	-1.05033D-05	-1.31433D-04	4.31357D-06	-5.20928D-06	-1.31350D-06
68	5.25669D-04	9.95580D-04	5.76896D-05	-7.28054D-06	3.68092D-06	3.55905D-06
69	4.72075D-04	8.79284D-04	4.48938D-05	-2.21938D-05	9.27700D-06	-9.09143D-07
70	9.39061D-05	-7.38023D-05	4.23222D-05	-2.06613D-05	7.17916D-06	-5.19043D-06
71	1.93715D-05	-3.08901D-04	-4.74364D-05	-1.41810D-05	9.79199D-06	-1.41129D-05
72	-1.25903D-04	-3.79568D-04	-6.33391D-06	-1.55998D-06	1.29732D-05	-6.51409D-06
73	-1.13987D-04	-3.92964D-04	-1.69435D-04	1.16291D-06	6.68293D-06	6.49507D-06
74	5.77758D-05	-2.57337D-04	-2.01012D-04	-1.99426D-06	-1.36681D-06	4.26464D-06
76	9.27351D-05	-1.19626D-05	2.18673D-04	-2.01038D-05	4.25902D-06	1.76797D-06
77	9.16540D-05	-1.24449D-04	3.05957D-04	-2.00281D-05	3.13957D-06	5.13020D-06
78	-1.62572D-06	-2.50978D-04	4.22024D-05	-1.38458D-05	6.15525D-06	-6.48998D-07
79	4.75030D-04	-2.57313D-04	-3.03067D-04	1.44928D-05	1.92364D-05	7.76624D-06
80	3.69065D-05	-2.21985D-05	-2.09272D-06	2.37263D-06	3.18309D-06	2.03051D-06
82	3.56107D-06	-1.38015D-05	-1.64182D-04	1.13779D-05	-5.27781D-06	2.55360D-07
83	1.51363D-05	-1.52791D-06	-1.84579D-04	6.57404D-06	-6.31455D-06	-1.41665D-06
84	5.13718D-05	5.03457D-06	-8.29602D-05	3.37338D-06	-5.60373D-06	-1.20376D-06
85	5.22910D-05	1.65056D-06	-6.38022D-05	6.07993D-08	-5.01247D-06	-1.50543D-06
86	1.12273D-06	1.44868D-06	-1.05452D-06	-1.06154D-06	-2.45379D-07	-5.13844D-07
87	9.97036D-07	-9.99611D-07	-1.92041D-08	-6.03625D-07	-5.35563D-08	-2.61109D-07
88	7.51626D-07	-6.73458D-08	3.89816D-08	-6.47788D-08	-5.68180D-08	-2.09451D-07
90	7.37840D-07	3.15688D-06	-5.24527D-07	-7.16524D-07	2.16872D-07	-1.72031D-07
91	9.26976D-08	1.46164D-06	-9.98838D-08	-1.74074D-07	2.81118D-08	-1.56708D-07
93	7.20648D-04	-4.90020D-04	-1.74451D-04	-1.76432D-05	-3.73295D-05	2.39621D-05
94	3.18025D-03	-1.93925D-03	-8.06130D-04	-1.54220D-05	-5.84167D-05	5.16668D-05
95	2.12816D-04	-5.91366D-04	1.98838D-03	-3.16008D-05	1.39070D-05	5.23098D-05
96	2.62241D-04	9.15084D-04	1.78849D-03	-1.21753D-04	1.50046D-05	8.89594D-05
97	3.65120D-05	-1.03271D-04	1.68365D-03	-4.34120D-05	1.96519D-05	4.29576D-05
98	-5.27497D-05	4.02028D-08	1.52628D-03	-4.24266D-05	2.22365D-05	4.00635D-05
99	-2.22012D-03	-1.62040D-04	-1.72054D-03	-4.34672D-06	-6.94596D-06	-4.40346D-06
100	-2.12514D-03	-2.84126D-04	-1.62430D-03	4.40761D-06	-7.66847D-06	-6.98515D-06
101	-1.87818D-03	-2.42428D-04	-1.37178D-03	1.58956D-05	-1.67757D-05	-8.59248D-06
102	-1.55290D-03	-7.12844D-05	-1.04608D-03	2.12980D-05	-2.54785D-05	-8.01788D-06
103	-1.63718D-03	-1.73662D-04	-9.78786D-04	2.53370D-05	-1.94887D-05	-1.11270D-05
104	6.69185D-04	9.75795D-04	5.17031D-04	-1.35260D-05	3.57265D-05	-2.95680D-05
105	-1.46192D-04	6.61982D-04	5.17006D-04	-1.61474D-05	4.24716D-05	-3.09619D-05
106	7.84477D-04	5.89613D-04	-1.65944D-05	-1.63644D-05	4.24899D-05	-3.46166D-05
107	-1.12422D-03	2.89591D-04	5.17242D-04	-1.64696D-05	4.75129D-05	-2.49225D-05
108	-3.01380D-03	4.47722D-05	1.53463D-03	1.30983D-05	2.33888D-05	2.48335D-06
109	-3.00212D-03	1.83464D-04	1.53044D-03	1.57348D-05	-2.32020D-05	-2.74834D-05
110	-2.90259D-03	2.31372D-04	1.52861D-03	8.94938D-06	-4.04897D-05	-4.03263D-05
111	-2.64617D-03	2.45381D-04	1.52566D-03	-1.14765D-05	-6.41225D-05	-6.06609D-05
112	-2.21935D-03	1.27874D-04	1.52330D-03	-3.32705D-05	-7.57905D-05	-7.37619D-05
113	2.76169D-04	1.04566D-04	-1.54363D-03	-1.42972D-04	-8.36700D-05	-9.41085D-05
114	-1.74565D-03	-3.71117D-06	1.52357D-03	-1.57279D-05	-8.08158D-05	-7.51485D-05
115	-1.52744D-03	-2.39161D-05	1.52374D-03	-6.14759D-06	-8.37306D-05	-7.63379D-05

116	-1.23757D-03	-2.05802D-05	1.52394D-03	1.27952D-06	-8.61530D-05	-7.78670D-05
117	-9.41149D-04	-6.60988D-09	1.52402D-03	4.04411D-06	-8.70850D-05	-7.78670D-05
118	-1.48904D-03	-2.06045D-05	1.55456D-03	-2.22565D-05	-7.62808D-05	-1.10468D-04
119	-2.77422D-04	3.08610D-05	1.52409D-03	4.04878D-06	-8.70407D-05	-7.78670D-05
120	-2.21303D-03	-2.06539D-05	1.76856D-03	-5.20757D-05	-5.60665D-05	-1.51450D-04
121	-2.67599D-03	-1.57476D-04	1.97904D-03	-5.37807D-05	-5.45693D-05	-1.53751D-04
122	-3.01703D-03	-5.09119D-10	1.74647D-03	1.86668D-05	1.93164D-05	5.26334D-06
123	-3.02192D-03	-1.49896D-04	2.04682D-03	2.92471D-05	1.05190D-05	9.02746D-06
124	-3.02681D-03	-6.80691D-04	1.92488D-03	5.59761D-05	-1.65020D-05	1.00238D-05
125	-3.02649D-03	-7.78954D-04	1.72755D-03	6.15447D-05	-2.23633D-05	8.80197D-06
126	-3.02538D-03	-9.47970D-04	1.18050D-03	6.84498D-05	-2.89825D-05	6.63612D-06
127	-3.61966D-03	-7.65800D-04	3.46220D-03	8.45767D-05	-2.75394D-05	2.37933D-05
128	-2.99748D-03	-7.67495D-04	4.20902D-04	4.25540D-05	-2.67409D-05	-2.09652D-05
129	-2.98701D-03	-5.95875D-04	2.31241D-04	3.00240D-05	-1.90360D-05	-3.31762D-05
130	-2.65658D-03	-1.03329D-04	2.05092D-05	-2.29185D-07	3.38786D-05	-8.08946D-05
131	-2.93982D-03	-7.73272D-05	3.97354D-05	-1.22760D-06	-6.60054D-06	-5.36570D-05
132	-7.23535D-04	4.81784D-08	-4.77333D-04	-2.48576D-05	-3.86265D-06	-5.25208D-05
133	-7.96877D-05	2.91227D-03	1.20585D-03	-1.70668D-05	3.89851D-06	4.67472D-05
134	-1.65631D-03	-4.24491D-08	-8.35972D-06	-5.54862D-06	6.07488D-05	-1.22158D-04
135	-5.71615D-04	1.05334D-04	-3.38299D-05	-5.82831D-06	6.36255D-05	-1.58567D-04
136	7.72659D-04	2.27827D-04	-6.13798D-05	-3.62992D-06	4.74608D-05	-1.88666D-04
137	6.80302D-03	5.90196D-04	-9.63770D-05	-4.22664D-06	4.93550D-05	-2.21109D-04
138	1.40136D-03	2.54556D-04	-8.82578D-05	6.13961D-07	2.65152D-05	-1.52778D-04
139	2.09944D-03	-1.69263D-03	-7.53512D-04	2.74485D-05	1.24737D-05	2.91537D-05
140	2.30234D-03	-4.30421D-07	-1.11186D-03	5.92567D-05	5.18160D-06	1.53765D-04
141	2.32538D-03	7.51211D-04	-1.17398D-03	6.10807D-05	3.45748D-06	1.90638D-04
142	2.28998D-03	1.43001D-03	-1.18948D-03	-1.02488D-05	8.39423D-06	8.25111D-05
143	2.26547D-03	1.50476D-03	-1.20537D-03	-2.25397D-05	1.16374D-05	5.44533D-05
144	2.21056D-03	1.51430D-03	-1.24652D-03	-1.94214D-05	1.80453D-05	3.26016D-05
145	2.11894D-03	1.57491D-03	-1.32724D-03	2.85449D-06	2.32567D-05	3.87899D-05
146	-3.15012D-03	1.78229D-03	3.46670D-03	2.57070D-04	3.36139D-05	2.64475D-04
147	2.01789D-03	1.39742D-03	-1.42877D-03	-6.25303D-05	2.42454D-05	-2.62031D-05
148	1.97219D-03	1.12219D-03	-1.47476D-03	-9.91316D-05	2.48238D-05	-6.24681D-05
149	1.91210D-03	6.08148D-04	-1.53517D-03	-1.28723D-04	2.53097D-05	-9.16277D-05
150	1.85101D-03	3.33101D-08	-1.59645D-03	-1.38706D-04	2.55056D-05	-1.01611D-04
151	1.68999D-03	6.08208D-04	-1.20238D-03	-1.25221D-04	2.33392D-05	-7.89086D-05
152	1.71353D-03	-1.29710D-03	-1.73409D-03	-1.38849D-04	2.55124D-05	-1.01753D-04
153	1.31685D-03	6.08316D-04	-5.43508D-04	-1.20607D-04	1.93044D-05	-6.27160D-05
154	1.03840D-03	2.77919D-04	-1.04174D-04	-1.20310D-04	1.90055D-05	-6.17695D-05
155	2.48564D-03	1.46160D-07	-9.50601D-04	-2.43208D-04	6.16027D-05	4.82548D-04
156	6.32545D-03	-4.45810D-03	2.88932D-03	-5.92072D-04	2.69840D-04	6.18947D-04
157	1.08583D-02	-4.39639D-03	7.51825D-03	-7.24205D-04	3.78997D-04	6.39699D-04
158	-6.48965D-03	-2.09511D-03	-1.43403D-02	-7.91516D-04	3.81207D-04	6.69845D-04
159	1.76169D-02	-2.43167D-03	1.42035D-02	-7.39492D-04	4.77327D-04	5.79500D-04
160	2.34806D-02	5.04235D-07	2.03431D-02	-7.97190D-04	6.36823D-04	3.96178D-04
161	5.30591D-02	2.98251D-02	5.75896D-02	-5.57919D-04	3.05461D-04	1.04920D-04
162	4.38386D-02	-8.47318D-07	3.91135D-02	5.73250D-04	-5.67110D-04	9.14067D-04
163	3.99897D-02	-2.06448D-02	2.95438D-02	8.13192D-04	-5.76898D-04	1.06684D-03
164	3.77828D-02	-3.64365D-02	2.35442D-02	9.49628D-04	-5.49193D-04	1.08357D-03
165	3.05066D-02	-1.03455D-01	-3.54241D-03	1.40341D-03	-2.82270D-04	1.26704D-04
166	-6.15273D-04	4.10438D-03	-1.19420D-04	-1.35093D-05	2.08968D-05	1.92645D-05
167	-9.71099D-04	4.10673D-03	-3.68436D-04	-1.56344D-05	2.08918D-05	2.15766D-05
168	-7.17112D-04	3.96833D-03	-5.11543D-05	-1.75720D-05	2.04087D-05	2.21959D-05
169	-6.68262D-04	3.67788D-03	1.42032D-04	-3.84768D-05	2.31508D-06	3.62061D-05
170	-8.57976D-04	2.32249D-03	-8.56925D-04	-9.90670D-05	-4.87853D-05	6.22553D-05
171	-6.54536D-04	2.32336D-03	-5.15031D-04	-1.06621D-04	-4.87853D-05	6.08351D-05
172	-4.92125D-04	2.32404D-03	-2.21627D-04	-1.11012D-04	-4.87853D-05	6.01644D-05
173	-1.84039D-04	2.32438D-03	3.49495D-04	-1.11610D-04	-4.87853D-05	6.01172D-05
174	2.22710D-04	2.32444D-03	1.10577D-03	-1.12220D-04	-4.87853D-05	6.03180D-05
175	-9.18739D-04	2.07641D-03	-1.16109D-03	-1.09619D-04	-5.30917D-05	6.32929D-05

176	-5.51673D-04	1.59759D-03	1.17322D-08	-2.05041D-04	-4.82193D-05	2.47944D-05
177	9.64581D-05	-1.82837D-08	3.58082D-03	-3.75083D-04	-2.20184D-05	-5.15481D-05
178	1.06868D-04	-3.84634D-03	3.77415D-09	-4.67538D-04	-4.10232D-05	6.08081D-05
179	-4.74612D-04	-1.11860D-08	1.48423D-03	-8.08349D-04	-2.58029D-05	-1.75080D-04
180	-5.16836D-04	-9.01105D-03	1.68433D-03	-1.01955D-03	1.55160D-04	-4.76994D-04
181	-1.03973D-03	-7.04780D-03	3.39927D-03	-1.02247D-03	1.91863D-04	-5.46413D-04
182	-9.36674D-03	1.66611D-03	2.32213D-02	-1.44398D-03	1.25468D-04	6.60834D-05
183	-9.67759D-03	-1.80167D-03	2.39909D-02	-1.45427D-03	1.22061D-04	9.01278D-05
184	-1.26353D-02	-6.23088D-03	1.22203D-02	-1.78398D-03	3.16019D-04	4.03320D-04
185	-1.03581D-02	-1.07324D-02	2.58383D-02	-1.39118D-03	9.79461D-05	8.52264D-05
186	6.14997D-03	-1.57505D-02	1.14060D-02	-3.71207D-04	-2.55012D-04	-9.34764D-04
187	8.04756D-03	-1.16967D-02	9.66023D-03	-3.30937D-04	-2.26750D-04	-9.66240D-04
188	9.65018D-03	-7.47967D-03	8.24467D-03	-3.06871D-04	-1.98941D-04	-9.83638D-04
189	9.33723D-03	1.18575D-02	1.63292D-03	-3.05898D-04	3.28392D-04	-8.63362D-04
190	2.73103D-02	-2.27380D-06	-2.83533D-07	2.00638D-03	-2.49307D-05	5.84238D-04
191	2.28889D-02	6.11887D-06	-1.82996D-02	2.68256D-03	3.11153D-04	-6.04517D-03
192	2.26829D-02	4.51600D-02	-1.60054D-02	2.70934D-03	3.80699D-04	-6.83694D-03
193	8.77975D-02	1.32341D-01	1.40652D-02	2.54807D-03	5.15244D-04	-6.14098D-03
194	-2.98604D-01	2.97433D-01	-9.19165D-02	6.29046D-03	5.95528D-03	-1.87516D-03
195	-7.74366D-02	7.88620D-02	-2.39474D-02	4.16053D-03	4.02812D-03	-3.88495D-04
196	4.98010D-02	1.41597D-01	4.12216D-03	-3.98687D-03	7.82009D-04	3.62592D-03
197	-1.23259D-02	1.40800D-01	-6.59999D-02	-4.15220D-03	7.85920D-04	3.62970D-03
198	1.81007D-02	1.17804D-01	-2.59752D-02	-4.14958D-03	7.88776D-04	3.56980D-03
199	-2.88574D-02	-6.19903D-02	-8.82429D-03	-3.86822D-03	7.08807D-04	1.36183D-03
200	-2.78683D-02	-9.87045D-02	-1.17178D-02	-3.54807D-03	-8.15574D-04	5.32207D-04
201	-2.74829D-02	-9.87275D-02	-1.94215D-04	-3.45231D-03	-8.99618D-04	-1.13971D-04
202	-2.79752D-02	-9.87411D-02	6.90182D-03	-3.45593D-03	-9.51968D-04	-2.35994D-04
203	-2.73022D-02	-1.03114D-01	1.69120D-02	-3.66296D-03	-1.13495D-03	2.42492D-04
204	-2.44653D-02	-1.13063D-01	7.40064D-03	-3.56972D-03	-1.45037D-03	-1.25120D-04
205	-2.14109D-02	-1.17565D-01	-2.73464D-03	-3.55165D-03	-1.62078D-03	-2.39090D-04
206	-2.04420D-02	-1.17483D-01	-3.55421D-02	-3.16691D-03	-1.64354D-03	-4.81851D-04
207	-1.08804D-03	-1.00639D-01	-9.77387D-02	-2.59778D-03	-1.17398D-03	-1.82556D-03
208	-1.65961D-02	-1.12737D-07	-4.26440D-02	-2.46440D-03	1.37858D-03	-8.49544D-04
209	-6.33918D-04	-2.57541D-05	8.00805D-07	1.97871D-05	-4.62977D-06	-4.68227D-05
210	-5.97471D-04	-1.91711D-05	1.61847D-05	2.02124D-05	-3.67008D-06	-4.71762D-05
211	4.36991D-04	-6.18225D-05	4.76597D-04	2.12502D-05	-3.69255D-06	-4.81326D-05
212	-5.73079D-04	-1.05768D-05	2.62719D-05	1.97558D-05	-2.69329D-06	-4.63898D-05
213	-7.38578D-04	3.19019D-09	-3.69940D-05	1.21043D-05	6.78848D-06	-2.85805D-05
214	1.89228D-04	3.67339D-10	-1.23714D-04	4.70568D-06	-5.22089D-06	-8.78602D-07
215	1.73409D-04	1.41405D-04	4.29424D-05	-2.27462D-05	8.55814D-06	-4.17314D-06
216	9.35558D-05	-2.82039D-05	1.07896D-04	-2.04880D-05	6.14631D-06	-3.26417D-06
217	9.35268D-05	-1.45257D-04	-3.13588D-05	-1.87583D-05	7.15681D-06	-6.93481D-06
218	-1.64430D-04	-3.80603D-04	-5.34307D-11	-8.98513D-07	1.26359D-05	-5.95259D-06
219	-2.73488D-04	-3.91683D-04	-1.28431D-04	1.88054D-06	8.13846D-06	4.04575D-06
220	-2.65253D-04	-3.91738D-04	-1.32224D-04	1.86214D-06	8.11025D-06	4.12080D-06
221	-2.65917D-04	-3.69255D-04	-1.76926D-04	1.86210D-06	8.11461D-06	4.11414D-06
222	-2.56755D-04	-3.91776D-04	-1.35922D-04	1.84337D-06	8.07788D-06	4.19837D-06
223	-1.66765D-04	-3.92821D-04	-1.60350D-04	1.28884D-06	7.04569D-06	6.12963D-06
224	-1.54250D-04	-3.92851D-04	-1.62885D-04	1.27301D-06	7.01332D-06	6.17287D-06
225	-1.54133D-04	-3.59329D-04	-2.01491D-04	1.27300D-06	7.01798D-06	6.16666D-06
226	-1.41584D-04	-3.92865D-04	-1.65325D-04	1.25834D-06	6.97649D-06	6.21596D-06
227	3.74012D-05	-1.20713D-04	-1.30507D-04	-1.41236D-06	-2.58337D-06	3.09634D-06
228	9.30438D-05	-7.13520D-09	1.82959D-04	-2.02465D-05	4.88319D-06	-6.29737D-08
229	1.02631D-04	-1.20694D-05	3.38621D-04	-1.71566D-05	3.75101D-06	1.27457D-06
230	1.07122D-04	-1.21359D-05	4.03632D-04	-1.50650D-05	3.43226D-06	9.24989D-07
231	2.62167D-09	-2.51261D-04	2.18752D-09	-1.36597D-05	6.30683D-06	-9.12155D-07
232	5.43436D-04	-2.57726D-04	-4.27525D-04	1.39180D-05	1.90645D-05	7.18291D-06
233	5.28645D-04	-2.57703D-04	-3.99316D-04	1.39913D-05	1.90899D-05	7.25751D-06
234	6.34659D-04	-3.35758D-04	-3.98228D-04	1.39978D-05	1.91011D-05	7.25834D-06
235	5.13550D-04	-2.57663D-04	-3.70869D-04	1.40531D-05	1.91046D-05	7.32319D-06

236	1.36259D-10	-1.37551D-05	-1.66828D-10	1.18871D-05	-5.14407D-06	1.10259D-07
237	2.08551D-07	-1.37683D-05	-1.20250D-05	1.18366D-05	-5.22376D-06	1.83428D-07
238	1.64352D-06	-1.37904D-05	-8.29848D-05	1.17097D-05	-5.32657D-06	2.54494D-07
239	1.65140D-06	-1.55453D-05	-1.17017D-04	1.17097D-05	-5.37918D-06	2.71296D-07
240	3.26535D-06	-1.37974D-05	-1.52718D-04	1.15251D-05	-5.29910D-06	2.61243D-07
241	3.49178D-06	1.46641D-06	-6.19785D-06	-1.32403D-06	-6.55051D-07	-6.24681D-07
242	1.11276D-06	-6.81089D-07	-3.27156D-07	-8.44552D-07	-1.79093D-07	-4.64893D-07
243	1.12904D-06	3.40332D-06	-1.34886D-06	-8.92125D-07	-7.74622D-08	-4.30243D-07
244	6.82596D-07	-4.03044D-08	3.28090D-08	-3.74851D-08	-5.56308D-08	-1.72743D-07
245	3.42736D-07	5.89265D-08	2.24431D-08	-1.14038D-08	-4.92381D-08	-1.25382D-07
246	1.13922D-06	5.88525D-08	-5.06331D-08	-1.15404D-08	-4.92381D-08	-1.26111D-07
247	6.42041D-08	4.80782D-08	1.21996D-08	-6.45996D-10	-3.38463D-08	-7.62152D-08
248	7.73548D-08	1.30413D-06	-8.43693D-08	-1.43154D-07	1.82447D-08	-1.29118D-07
249	1.25901D-08	5.65767D-07	-5.83148D-08	-1.03665D-07	8.48321D-09	-9.35216D-08
250	6.05697D-07	5.66299D-07	-7.17050D-07	-1.04291D-07	8.48321D-09	-9.39563D-08
251	-1.00834D-08	6.42535D-08	-3.16986D-08	-6.31554D-08	3.41508D-09	-5.68485D-08
252	1.04748D-02	8.72946D-02	-2.79359D-02	-4.42265D-03	8.55503D-04	3.25605D-03

MODAL ANALYSIS

MODE NUMBER 47
FREQUENCY= 33.1480 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
2	-1.65336D-02	1.13491D-02	4.41947D-03	7.53850D-05	2.20417D-04	-2.58887D-04
3	-1.37346D-02	1.28583D-02	4.97010D-03	-5.12650D-05	8.23936D-05	-4.66478D-04
4	-5.05842D-03	1.28417D-02	3.93609D-03	-5.74706D-05	8.36185D-05	-4.82786D-04
5	2.06787D-03	9.98603D-03	2.57358D-03	-4.31952D-05	8.46760D-05	-4.64170D-04
6	3.59962D-03	2.75268D-03	4.09202D-04	7.93846D-05	8.97387D-05	-2.37403D-04
7	1.69067D-03	-8.43155D-04	-3.21305D-03	1.27191D-04	5.74167D-05	-4.12087D-05
8	2.11473D-03	1.04990D-02	-3.24411D-03	-2.03408D-05	-5.39731D-05	2.84366D-05
9	7.12379D-03	7.00397D-04	1.83850D-03	-1.01319D-04	-1.82497D-05	9.12905D-05
10	6.96961D-03	1.79169D-07	1.58858D-03	-1.01195D-04	3.87874D-05	6.51857D-05
11	1.53851D-04	-2.23689D-03	-2.45104D-03	1.57422D-05	1.98643D-06	9.83104D-06
12	5.19743D-04	-1.34580D-07	-2.49448D-03	3.94644D-05	-2.91064D-06	9.56324D-06
13	4.67075D-04	3.57570D-04	-2.32150D-03	2.18774D-05	1.45784D-05	1.89598D-05
14	4.65892D-04	-3.73679D-04	5.79891D-04	-9.73882D-06	6.03877D-06	-1.37574D-05
15	-2.49194D-04	-1.70048D-04	5.79729D-04	1.04770D-05	7.41724D-06	-3.45421D-06
16	-3.09784D-04	8.63415D-05	5.53057D-04	1.23780D-05	-6.24235D-06	4.53327D-06
17	-3.13685D-04	-1.02270D-03	-4.17156D-04	1.40754D-05	-9.81982D-06	1.04158D-05
18	-3.60137D-04	-1.21033D-03	-5.39586D-04	1.31587D-05	-6.05229D-06	2.68187D-06
19	-4.20130D-04	-1.37235D-03	-5.99671D-04	1.36899D-05	-4.08949D-06	-2.10330D-06
20	-4.35732D-04	-1.35535D-03	-6.25514D-04	1.23577D-05	2.48261D-07	-1.05300D-05
21	-4.33991D-04	-4.99923D-04	-4.71982D-04	1.21367D-05	3.92197D-06	-1.77123D-05
22	-1.71710D-04	-6.82624D-05	-1.77332D-04	8.25535D-06	2.22915D-06	-9.68059D-06
23	-1.08569D-11	-2.06592D-11	-1.28205D-11	1.04743D-09	2.63081D-11	-9.77742D-10
25	-5.06175D-05	5.33995D-05	-1.58458D-05	9.73432D-07	7.69189D-07	-4.87562D-07
26	-4.30236D-05	7.02123D-05	3.26015D-06	1.10037D-06	3.12612D-07	-1.39389D-06
27	-2.72192D-05	7.01591D-05	1.54820D-05	1.09439D-06	3.14143D-07	-1.45167D-06
28	8.59417D-06	3.46745D-05	2.67887D-05	7.92103D-07	5.72009D-07	-1.31523D-06
29	8.63278D-06	2.01201D-05	2.04090D-05	7.56934D-07	5.88178D-07	-1.21148D-06
30	8.50521D-06	-2.14694D-05	1.13152D-04	1.79580D-07	-3.88880D-07	-2.29841D-07
31	4.33955D-05	8.82472D-06	-8.85453D-05	-4.04025D-07	-1.89669D-06	9.55962D-07
32	3.21779D-05	-1.47500D-05	-9.34291D-05	-1.08008D-06	4.12391D-06	-1.19166D-06
33	-2.28675D-04	-4.54690D-05	-5.47585D-05	-1.37632D-08	1.24579D-05	-2.60944D-06
34	-9.12218D-04	4.00414D-04	6.35802D-04	6.19744D-07	-3.05610D-06	-2.19125D-06
35	-7.81617D-04	3.95764D-04	5.94586D-04	-2.42366D-06	-1.32641D-05	1.72260D-07
36	5.08887D-03	-1.36844D-03	-3.93790D-04	1.89502D-04	1.15076D-04	-2.62064D-04
37	7.56633D-03	-4.01189D-03	6.06000D-04	8.13540D-05	5.76170D-05	-5.78718D-05
38	3.27656D-04	-4.31897D-03	1.22322D-03	5.65469D-06	-6.29369D-05	4.81303D-05
39	2.99089D-04	-3.15095D-03	1.12503D-03	7.50260D-05	5.36658D-05	-6.35592D-05
40	8.93518D-05	-2.91508D-03	4.97950D-04	1.64794D-04	2.37457D-05	-1.51836D-05
41	-4.37432D-06	-2.91410D-03	-7.06099D-04	1.77318D-04	2.14465D-05	-1.12166D-05
42	1.89967D-05	-7.43855D-04	-2.68663D-03	2.58674D-04	-7.65748D-06	2.81925D-05
43	1.83471D-04	3.54016D-03	-2.69327D-03	2.58386D-04	-1.26481D-05	4.11910D-05
44	3.84737D-04	5.10787D-03	-2.93917D-03	2.15824D-04	-2.56391D-05	9.30599D-05
45	3.66077D-04	1.92633D-03	-1.01093D-03	6.87680D-05	-1.85194D-05	-3.70569D-05
46	3.69741D-04	2.01556D-03	-1.04447D-03	6.33975D-05	-5.79242D-06	-9.68429D-06
47	2.54685D-05	2.30302D-04	-5.83461D-05	8.74688D-06	1.68435D-07	1.65085D-06
48	2.38872D-05	2.41346D-04	-5.61268D-05	6.17039D-06	5.56377D-07	5.15812D-06
49	-5.89486D-05	-2.22661D-04	1.72943D-05	2.53782D-06	3.11235D-07	8.24443D-06
50	-5.47900D-05	-1.32722D-04	1.96919D-05	4.03014D-06	-5.02335D-07	6.95291D-06
51	-5.27232D-05	-8.52266D-05	2.19706D-05	4.03051D-06	-5.15581D-07	6.80360D-06

52	-5.44902D-07	-7.81399D-08	2.94934D-07	1.00860D-07	3.63062D-09	2.00152D-07
53	-2.27905D-13	-6.52264D-13	1.46925D-13	1.16566D-11	3.14639D-13	2.30046D-11
54	4.28349D-05	2.06078D-05	1.17122D-04	1.77669D-06	-5.65511D-07	8.58730D-07
55	1.10543D-04	7.53460D-05	1.35491D-04	4.68202D-07	-4.11633D-06	3.28671D-06
56	1.79812D-04	4.86221D-05	9.60120D-05	-3.82493D-07	-4.60682D-06	5.77947D-06
57	1.23734D-04	7.09882D-05	2.66357D-04	1.42967D-05	-1.72464D-06	-9.59666D-06
58	5.07898D-05	2.01000D-04	1.23623D-04	1.22521D-05	-9.38454D-07	-3.31175D-06
59	2.61516D-05	1.96299D-04	-6.07914D-05	9.95876D-06	1.38936D-07	1.22801D-06
60	1.32907D-03	7.47374D-04	2.00671D-03	2.94361D-05	-1.72955D-04	3.74161D-04
61	-6.81823D-03	5.63977D-03	4.39898D-03	-1.88154D-04	-4.98828D-04	8.44780D-04
62	4.60125D-02	-2.01697D-03	2.58720D-02	-4.80685D-04	-5.70438D-04	5.42082D-04
63	4.69214D-02	5.72471D-04	2.29770D-02	-3.78182D-04	8.05841D-04	3.75817D-04
64	4.66548D-02	2.84342D-02	-5.16408D-02	6.24537D-05	9.77427D-04	4.88303D-04
65	2.75770D-02	4.23777D-02	-5.61264D-02	5.42683D-04	4.08715D-04	1.53422D-03
66	-1.72949D-02	4.21734D-02	-4.02036D-02	3.93034D-04	3.32942D-04	1.24428D-03
67	-9.11066D-03	1.15499D-02	-4.68743D-02	-2.83375D-03	-8.80264D-04	-2.62682D-03
68	9.60645D-02	-3.98167D-01	1.74386D-02	4.09504D-03	1.63850D-04	-2.68732D-03
69	9.00193D-02	-3.49889D-01	1.63233D-02	8.75842D-03	1.08175D-03	-1.26728D-03
70	5.66685D-02	8.71146D-04	1.68580D-02	6.48887D-03	-2.78679D-04	-1.83923D-05
71	5.92308D-02	5.82714D-03	1.40048D-02	4.08069D-03	-2.34421D-03	4.77955D-04
72	6.38276D-02	8.19573D-03	1.95884D-03	5.19570D-04	-3.35538D-03	2.57178D-05
73	6.23569D-03	8.53883D-03	2.64919D-02	-3.88647D-04	-1.64585D-03	-9.63359D-04
74	-1.33678D-02	-1.08977D-03	4.09454D-02	2.05844D-04	2.47165D-04	-5.30227D-05
76	5.53928D-02	-1.19868D-02	-2.04944D-03	4.43562D-03	-6.34029D-04	1.59792D-03
77	5.42331D-02	-7.51966D-02	-1.81175D-02	2.86326D-03	-3.87018D-04	2.75614D-03
78	3.20302D-04	-1.41310D-01	4.32461D-03	-1.32416D-03	1.75195D-04	-6.68372D-05
79	2.69169D-01	-1.36547D-01	-1.39742D-01	5.30918D-03	1.04613D-02	4.44642D-03
80	2.14637D-02	-1.56502D-02	-8.81107D-04	1.45877D-03	1.80969D-03	1.24725D-03
82	-1.52240D-02	-1.19259D-02	2.73918D-02	-1.88827D-03	8.83217D-04	-1.02111D-03
83	-1.99430D-02	-1.42607D-02	3.04546D-02	-7.99440D-04	9.75627D-04	5.51321D-04
84	-2.55161D-02	-5.52260D-03	1.48502D-02	-2.99540D-04	8.58443D-04	7.56066D-04
85	-2.24764D-02	-1.38985D-03	1.10524D-02	7.68013D-05	7.39566D-04	6.82573D-04
86	-2.26348D-04	-1.21544D-03	1.58050D-04	1.77519D-04	3.62498D-05	1.77714D-04
87	-2.04844D-04	-1.05743D-04	6.98991D-06	9.01523D-05	9.94825D-06	9.08907D-05
88	-1.53411D-04	-1.39820D-04	-6.52438D-06	2.65186D-07	1.16541D-05	5.89479D-05
90	-1.66464D-04	-1.69668D-03	8.20196D-05	1.85316D-04	-3.41173D-05	1.56712D-05
91	-5.55569D-05	-1.02077D-03	1.42522D-05	9.14704D-05	-7.43544D-06	1.49773D-05
93	-2.78056D-03	1.95891D-03	7.41477D-04	7.46675D-05	1.44307D-04	-9.73942D-05
94	-1.22076D-02	8.45848D-03	3.26209D-03	9.21283D-05	2.22212D-04	-2.15933D-04
95	4.06066D-03	4.94381D-03	1.29303D-03	6.30650D-05	8.97102D-05	-2.66330D-04
96	4.47217D-03	4.27282D-04	-5.95795D-05	1.63216D-04	1.09919D-04	-2.61506D-04
97	3.13896D-03	1.02460D-03	-4.65708D-04	8.90831D-05	8.63555D-05	-1.96600D-04
98	2.79171D-03	1.08898D-07	-1.12437D-03	9.86868D-05	8.24607D-05	-1.60914D-04
99	4.19062D-03	7.77784D-03	-1.13070D-03	-1.25585D-04	-7.47349D-05	-2.14001D-05
100	5.67699D-03	4.38281D-03	3.92295D-04	-1.51388D-04	-6.78192D-05	-1.26167D-05
101	6.91446D-03	1.15410D-03	1.62698D-03	-1.25508D-04	-3.40676D-05	5.32172D-05
102	7.11776D-03	3.07960D-04	1.77344D-03	-1.05445D-04	1.80826D-05	7.11353D-05
103	5.23935D-03	7.22125D-04	1.55305D-03	-1.74190D-05	-8.94494D-05	2.38162D-04
104	1.94705D-04	-2.05974D-03	-2.47748D-03	2.24899D-05	-3.85789D-06	6.80575D-06
105	3.13310D-04	-1.54504D-03	-2.49433D-03	2.50834D-05	-4.99539D-06	5.08287D-06
106	2.24793D-04	-1.55247D-03	-2.10425D-03	1.46838D-05	-4.12065D-06	3.33728D-06
107	4.33236D-04	-7.96099D-04	-2.49481D-03	3.72966D-05	-5.07114D-06	6.91041D-06
108	4.68265D-04	2.01847D-04	-2.19051D-03	1.88934D-05	1.60483D-05	1.98927D-05
109	3.56754D-04	1.81269D-04	-2.18313D-03	-7.07820D-06	1.69762D-05	1.33504D-05
110	3.05087D-04	1.44915D-04	-2.17991D-03	-5.21671D-06	1.82165D-05	1.05466D-05
111	2.13569D-04	1.32016D-04	-2.17475D-03	1.36996D-05	2.11606D-05	6.10714D-06
112	7.99935D-05	2.65906D-04	-2.17063D-03	4.01689D-05	2.39124D-05	3.24694D-06
113	2.98432D-05	5.36592D-04	2.51249D-03	2.31385D-04	3.53261D-05	-1.45715D-06
114	-5.78196D-05	3.51451D-04	-2.17102D-03	-1.08491D-07	2.24429D-05	3.09510D-06
115	-1.14967D-04	3.02815D-04	-2.17126D-03	-2.23654D-05	2.16276D-05	2.96486D-06

116	-1.85915D-04	1.71605D-04	-2.17154D-03	-3.99717D-05	2.09818D-05	2.79740D-06
117	-2.55344D-04	1.48672D-08	-2.17166D-03	-4.62406D-05	2.07892D-05	2.79740D-06
118	-1.83726D-04	1.71652D-04	-2.10972D-03	-1.01183D-05	2.20661D-05	-7.71328D-07
119	-4.14313D-04	-3.52955D-04	-2.17177D-03	-4.62981D-05	2.08566D-05	2.79740D-06
120	-2.02127D-04	1.71742D-04	-2.17518D-03	2.78053D-05	2.42863D-05	-5.26016D-06
121	-2.86194D-04	2.47347D-04	-2.29162D-03	2.99882D-05	2.44508D-05	-5.51285D-06
122	4.69632D-04	-5.02102D-08	-2.01635D-03	1.55588D-05	1.71292D-05	2.12469D-05
123	4.72022D-04	-4.42134D-04	-1.67961D-03	9.22307D-06	1.88224D-05	2.17581D-05
124	4.76842D-04	-1.21096D-03	-6.87535D-04	-6.78294D-06	2.09885D-05	3.16515D-06
125	4.77625D-04	-1.21682D-03	-4.74873D-04	-1.01175D-05	2.06119D-05	-4.05753D-06
126	4.78799D-04	-1.03808D-03	-4.62073D-05	-1.42525D-05	1.93061D-05	-1.46901D-05
127	9.62448D-04	-1.08721D-03	-5.09431D-04	-1.72215D-05	1.89045D-05	-1.94647D-05
128	4.72566D-04	-6.71430D-04	3.58582D-04	-1.23488D-05	1.59194D-05	-1.66932D-05
129	4.70235D-04	-5.61297D-04	4.55562D-04	-1.14276D-05	1.29596D-05	-1.62489D-05
130	4.62474D-04	-2.34572D-04	5.82920D-04	-1.19426D-05	-2.84703D-06	-1.05885D-05
131	3.85147D-04	-4.53802D-04	5.80199D-04	-5.43631D-06	7.84687D-06	-1.22662D-05
132	-3.10708D-04	-3.25021D-08	4.35474D-04	1.26509D-05	-8.53668D-06	8.09884D-06
133	-4.35451D-04	-1.16326D-03	-6.07057D-04	1.22954D-05	1.89331D-06	-1.39024D-05
134	2.94406D-04	-2.74712D-08	5.87380D-04	-1.15285D-05	-1.25107D-05	-5.69094D-06
135	4.35084D-05	1.61710D-04	5.91091D-04	-8.30865D-06	-1.70339D-05	-1.36960D-06
136	-3.50178D-04	3.06676D-04	5.94947D-04	-4.08707D-06	-1.72010D-05	2.20277D-06
137	-5.04378D-04	3.05009D-04	5.28759D-04	-1.56730D-06	-1.71955D-05	4.63004D-06
138	-6.94413D-04	3.79837D-04	5.94708D-04	-2.94867D-06	-1.47710D-05	8.38231D-07
139	-8.27654D-04	2.35267D-04	5.47934D-04	2.49231D-06	8.04701D-06	-4.44767D-06
140	-4.16111D-04	1.50637D-08	1.33586D-04	1.15497D-06	1.33307D-05	-3.54589D-06
141	-3.02478D-04	-3.04248D-05	1.94014D-05	4.04419D-07	1.29534D-05	-2.90314D-06
142	-3.45675D-04	-2.50690D-05	-2.49601D-05	4.46187D-06	5.34694D-06	-2.69222D-06
143	-3.53326D-04	-1.95575D-05	-3.31187D-05	5.13843D-06	2.54507D-06	-3.66384D-06
144	-3.54130D-04	-1.59535D-05	-3.47368D-05	4.90389D-06	-1.28940D-06	-6.50859D-06
145	-3.43501D-04	-2.87220D-05	-2.47560D-05	3.58452D-06	-3.19912D-06	-9.50966D-06
146	2.13536D-04	-3.43334D-05	-1.80069D-04	-9.99391D-06	-3.92095D-06	-2.54653D-05
147	-3.27183D-04	-3.74801D-05	-8.37856D-06	6.74188D-06	-4.23159D-06	-6.66203D-06
148	-3.18467D-04	-3.22352D-05	3.72740D-07	8.53472D-06	-4.82079D-06	-5.13487D-06
149	-3.05942D-04	-1.82477D-05	1.29377D-05	1.00198D-05	-5.30215D-06	-3.99129D-06
150	-2.92529D-04	-1.56564D-09	2.63689D-05	1.04865D-05	-5.47290D-06	-3.52465D-06
151	-3.24736D-04	-1.82523D-05	-1.55634D-05	1.15428D-05	-3.74179D-06	-9.75089D-06
152	-2.63136D-04	3.75774D-05	5.57773D-05	1.04908D-05	-5.44975D-06	-3.52035D-06
153	-4.00191D-04	-1.82613D-05	-8.36489D-05	1.34307D-05	-5.46752D-07	-1.70178D-05
154	-4.67850D-04	-2.51991D-05	-1.36197D-04	1.35331D-05	-3.10102D-07	-1.74296D-05
155	5.45992D-05	-9.49637D-09	-7.18941D-05	-9.28216D-07	3.04483D-06	-8.09680D-07
156	8.39147D-05	1.58794D-05	-4.62305D-05	-6.37752D-07	-4.80479D-07	4.77951D-07
157	7.10087D-05	1.63263D-05	-6.08409D-05	-8.44858D-07	-1.12496D-06	5.82209D-07
158	6.20894D-05	1.90416D-05	-9.49052D-05	-1.31762D-06	-1.07902D-06	2.82543D-07
159	4.94542D-05	1.25041D-05	-8.22088D-05	-5.27677D-07	-1.58417D-06	8.64032D-07
160	2.81189D-05	5.01278D-09	-1.04541D-04	-3.32138D-07	-2.42408D-06	9.59413D-07
161	-1.00357D-04	-9.13363D-06	-2.65250D-04	-5.48696D-07	-1.55072D-06	2.52302D-07
162	-6.89090D-05	-4.01625D-10	-1.92495D-04	-3.18425D-07	2.73677D-06	2.27530D-07
163	-5.08781D-05	-2.89848D-06	-1.44866D-04	-2.27877D-07	3.00474D-06	3.04957D-07
164	-3.96994D-05	-5.87430D-06	-1.11991D-04	-1.73221D-07	3.03177D-06	3.33332D-07
165	2.20318D-06	-2.40090D-05	5.96982D-05	3.86627D-08	2.00126D-06	1.58587D-07
166	6.80866D-04	-4.31499D-03	1.19343D-03	3.84301D-06	-6.16296D-05	5.15646D-05
167	-1.62494D-04	-4.34306D-03	1.27307D-03	6.79264D-06	-6.28974D-05	4.84180D-05
168	2.20074D-04	-4.68634D-03	7.18184D-04	6.69562D-06	-6.30093D-05	4.33079D-05
169	6.29841D-05	-4.98333D-03	-1.33656D-05	1.71083D-05	-3.52279D-05	5.49797D-07
170	1.70021D-04	-3.76153D-03	5.11311D-04	5.73559D-05	4.61238D-05	-6.41282D-05
171	-7.69732D-05	-3.76305D-03	3.13540D-04	6.16397D-05	4.61238D-05	-8.29213D-05
172	-3.16472D-04	-3.76424D-03	1.43985D-04	6.41375D-05	4.61238D-05	-9.35417D-05
173	-8.01008D-04	-3.76483D-03	-1.85967D-04	6.44797D-05	4.61238D-05	-9.49008D-05
174	-1.44590D-03	-3.76495D-03	-6.22935D-04	6.48424D-05	4.61238D-05	-9.58042D-05
175	2.32212D-04	-3.44057D-03	8.07291D-04	6.59762D-05	5.10123D-05	-6.48575D-05

176	4.54268D-05	-2.91470D-03	-1.23491D-08	1.70346D-04	2.27603D-05	-1.35212D-05
177	3.82377D-04	2.90566D-09	-3.33011D-03	1.76024D-04	2.55496D-05	7.85716D-05
178	3.75914D-04	-1.86158D-03	-6.70761D-09	1.21702D-04	2.13612D-05	-3.09908D-05
179	-7.52651D-05	2.33077D-09	3.49040D-04	3.43683D-05	1.21769D-05	3.43640D-05
180	-1.39141D-05	2.39153D-04	5.24385D-05	2.60667D-05	-5.33992D-06	1.22114D-06
181	-2.10076D-06	2.92146D-04	6.88507D-06	2.40074D-05	-4.12596D-06	3.15656D-06
182	2.68143D-05	1.76974D-04	-6.46540D-05	1.01172D-05	2.64432D-07	2.00634D-06
183	2.64529D-05	1.84441D-04	-6.27051D-05	1.00320D-05	2.23955D-07	1.69951D-06
184	2.83971D-05	1.95441D-04	2.11743D-05	1.13098D-05	-4.04500D-07	-1.21838D-06
185	2.59180D-05	2.11538D-04	-5.99425D-05	9.51789D-06	1.30743D-07	1.29525D-06
186	-1.98795D-05	1.31254D-04	-1.70669D-05	2.64895D-06	7.84303D-07	8.21257D-06
187	-2.61258D-05	9.12911D-05	-1.14612D-05	2.36656D-06	7.61791D-07	8.45429D-06
188	-3.18096D-05	5.08289D-05	-6.49252D-06	2.20950D-06	7.23055D-07	8.58565D-06
189	-5.37658D-05	-1.09114D-04	2.08087D-05	4.03409D-06	-5.09124D-07	6.88298D-06
190	8.71110D-06	-4.51053D-10	1.08205D-09	3.62159D-07	-1.19812D-06	-1.10984D-08
191	8.67129D-06	9.05224D-10	9.75278D-06	7.18897D-07	6.15657D-07	-9.20314D-07
192	8.65776D-06	6.86689D-06	1.37724D-05	7.33025D-07	6.07182D-07	-1.04910D-06
193	1.98139D-05	2.01826D-05	2.70053D-05	6.32862D-07	4.96661D-07	-1.13047D-06
194	-3.78220D-05	4.00604D-05	-1.13794D-05	9.22786D-07	7.64230D-07	-3.54228D-07
195	-9.73573D-06	1.02724D-05	-2.89590D-06	5.69539D-07	5.07535D-07	-1.04064D-07
196	4.88159D-05	2.06056D-05	1.05031D-04	1.72279D-06	-5.53953D-07	8.33947D-07
197	3.48924D-05	2.14190D-05	1.36656D-04	1.89486D-06	-5.67906D-07	8.28213D-07
198	4.70148D-05	3.62507D-05	1.18235D-04	1.66229D-06	-6.27519D-07	9.66277D-07
199	1.91442D-04	-4.39885D-06	5.85374D-05	-4.40988D-08	-3.05941D-06	6.20907D-06
200	1.96819D-04	-1.13518D-04	4.17452D-05	8.40982D-07	6.59082D-07	6.38716D-06
201	2.19949D-04	-1.13526D-04	3.88982D-05	9.07502D-07	7.86173D-07	7.34425D-06
202	2.35513D-04	-1.13530D-04	3.69580D-05	9.91565D-07	8.65336D-07	7.59145D-06
203	2.64598D-04	-1.40311D-04	3.64396D-05	1.48302D-06	1.20178D-06	7.01123D-06
204	2.61175D-04	-1.82910D-04	4.78140D-05	2.17326D-06	1.95059D-06	5.59419D-06
205	2.56494D-04	-2.15436D-04	6.25635D-05	1.99115D-06	2.52030D-06	6.92117D-06
206	1.85597D-04	-2.15218D-04	7.87647D-05	1.99638D-06	3.05211D-06	5.73510D-06
207	1.41789D-04	-3.53674D-04	2.20953D-04	4.50772D-06	3.46140D-06	3.96609D-06
208	1.21228D-04	2.06105D-09	2.75546D-04	1.37938D-05	-1.64162D-06	-8.82633D-06
209	2.77062D-03	7.59789D-03	8.40095D-03	-3.39809D-04	-6.49297D-04	9.55167D-04
210	8.24033D-03	7.94243D-03	1.06246D-02	-3.58075D-04	-6.67151D-04	9.65056D-04
211	-1.34214D-02	8.81835D-03	3.60269D-03	-3.49960D-04	-6.67879D-04	9.97104D-04
212	1.39353D-02	8.02681D-03	1.29254D-02	-3.79016D-04	-6.81871D-04	9.42573D-04
213	4.15055D-02	1.03567D-07	2.40554D-02	-5.09733D-04	-6.38217D-04	5.87905D-04
214	-6.85614D-03	-1.10642D-09	-4.55294D-02	-2.85869D-03	-8.99327D-04	-2.71441D-03
215	5.87076D-02	-7.15372D-02	1.67360D-02	7.84866D-03	3.54267D-04	-3.15145D-04
216	5.62837D-02	3.35600D-03	1.23463D-02	5.84723D-03	-4.69610D-04	1.93700D-04
217	5.67847D-02	1.29717D-03	2.17630D-02	5.85243D-03	-4.35973D-04	5.14562D-05
218	6.40587D-02	8.22107D-03	-7.14819D-07	3.75200D-04	-3.26195D-03	-2.08053D-05
219	3.21187D-02	8.49512D-03	1.51743D-02	-4.19159D-04	-2.01626D-03	-8.11861D-04
220	3.04830D-02	8.49651D-03	1.60222D-02	-4.18727D-04	-2.00845D-03	-8.17302D-04
221	3.06874D-02	3.97683D-03	2.70594D-02	-4.18748D-04	-2.00899D-03	-8.17198D-04
222	2.88280D-02	8.49769D-03	1.68618D-02	-4.18156D-04	-2.00012D-03	-8.22610D-04
223	1.40598D-02	8.53091D-03	2.34310D-02	-3.94793D-04	-1.73452D-03	-9.46559D-04
224	1.21469D-02	8.53192D-03	2.42203D-02	-3.93918D-04	-1.72619D-03	-9.49004D-04
225	1.22568D-02	3.30104D-03	3.37231D-02	-3.93947D-04	-1.72684D-03	-9.48930D-04
226	1.02261D-02	8.53274D-03	2.49986D-02	-3.93102D-04	-1.71723D-03	-9.51138D-04
227	-8.81547D-03	-2.53493D-03	2.69956D-02	1.07447D-04	5.31466D-04	4.40059D-05
228	5.57263D-02	-3.80233D-06	3.60811D-03	4.95291D-03	-6.14957D-04	1.00854D-03
229	6.50138D-02	-1.19915D-02	-2.83018D-02	3.77612D-03	-5.53060D-04	1.34355D-03
230	7.00876D-02	-1.19940D-02	-4.25836D-02	3.34663D-03	-5.02256D-04	1.13354D-03
231	2.42567D-06	-1.41379D-01	1.56197D-07	-1.42614D-03	2.94157D-04	-2.25379D-04
232	3.08452D-01	-1.36949D-01	-1.84800D-01	4.96115D-03	1.03068D-02	4.10834D-03
233	2.99982D-01	-1.36919D-01	-1.74717D-01	5.00195D-03	1.03267D-02	4.15196D-03
234	3.57416D-01	-1.65256D-01	-1.73455D-01	5.00527D-03	1.03334D-02	4.15243D-03
235	2.91333D-01	-1.36881D-01	-1.64510D-01	5.03754D-03	1.03402D-02	4.19025D-03

236	-2.04768D-08	-1.19383D-02	2.78004D-08	-1.98919D-03	8.64696D-04	-1.12700D-03
237	-1.13908D-03	-1.19367D-02	2.01323D-03	-1.97837D-03	8.77397D-04	-1.11112D-03
238	-7.76095D-03	-1.19339D-02	1.38660D-02	-1.95325D-03	8.93784D-04	-1.08305D-03
239	-7.76431D-03	-5.13207D-03	1.95782D-02	-1.95325D-03	9.02806D-04	-1.08068D-03
240	-1.41789D-02	-1.19289D-02	2.54854D-02	-1.91729D-03	8.87831D-04	-1.04979D-03
241	-1.08971D-03	-1.23062D-03	9.91760D-04	2.13273D-04	9.66911D-05	2.36038D-04
242	-2.24302D-04	-4.77580D-04	5.37379D-05	1.31364D-04	2.61670D-05	1.64380D-04
243	-2.26664D-04	-1.80397D-03	2.04921D-04	1.71585D-04	1.17675D-05	1.34898D-04
244	-1.39275D-04	-1.30643D-04	-5.50604D-06	-4.48724D-06	1.13898D-05	4.85367D-05
245	-6.97826D-05	-7.94448D-05	-3.79587D-06	-7.93885D-06	1.00572D-05	3.51043D-05
246	-2.92153D-04	-7.94793D-05	-5.40353D-05	-7.96376D-06	1.00572D-05	3.52388D-05
247	-1.30123D-05	-2.13590D-05	-2.06335D-06	-6.71494D-06	6.90170D-06	2.13387D-05
248	-4.92832D-05	-9.20810D-04	1.20740D-05	8.36047D-05	-5.87783D-06	1.23334D-05
249	-2.03630D-05	-4.39275D-04	8.41591D-06	6.87397D-05	-4.01320D-06	8.92221D-06
250	-7.68917D-05	-4.39465D-04	4.43318D-04	6.89439D-05	-4.01320D-06	8.95756D-06
251	-1.78660D-06	-7.17870D-05	4.57470D-06	4.52127D-05	-2.36488D-06	5.42350D-06
252	5.59053D-05	5.20729D-05	1.20180D-04	1.04731D-06	-1.89459D-06	1.75646D-06

M O D A L A N A L Y S I S

MODE NUMBER 48
FREQUENCY= 33.5346 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-2.21099D-01	8.09348D-02	5.41818D-02	-4.34172D-04	2.79570D-03	-1.95299D-03
3	-2.21586D-01	3.78790D-02	-2.13075D-02	-7.82463D-03	8.55547D-04	-2.38434D-03
4	-1.77030D-01	3.79810D-02	-1.66642D-01	-7.72691D-03	7.52949D-04	-2.50625D-03
5	-1.37713D-01	8.79016D-03	-2.56346D-01	-3.37014D-03	-7.84434D-04	-2.41367D-03
6	-8.51626D-02	-1.57841D-02	-1.94056D-01	1.21603D-03	-4.46875D-03	-2.36624D-04
7	3.73590D-02	-1.19180D-03	2.87087D-02	5.76735D-04	-4.81600D-03	-6.78469D-04
8	2.07882D-01	-6.59009D-02	2.83604D-01	2.25097D-04	1.68811D-03	-1.03771D-04
9	-4.39122D-02	-3.27660D-03	2.64186D-02	-4.96497D-04	1.97811D-03	3.90590D-04
10	-6.48000D-02	-1.21496D-06	5.60745D-03	-2.41630D-04	1.28940D-03	3.96999D-04
11	-2.79188D-02	3.63922D-03	2.55958D-03	1.96110D-05	-6.85232D-04	-8.50420D-04
12	3.39428D-03	2.57134D-07	2.50560D-03	-1.49816D-04	-2.74183D-04	-6.51474D-04
13	7.75688D-03	7.53766D-04	-1.69330D-03	-5.15771D-04	-1.77953D-04	-4.93378D-05
14	6.89074D-03	-1.67436D-02	2.26576D-02	-5.86877D-04	2.37917D-04	-1.59062D-04
15	-1.34492D-02	-1.44149D-02	2.26830D-02	4.18369D-04	1.59128D-04	-1.59972D-04
16	-1.35994D-02	-2.69417D-04	2.02051D-02	5.43041D-04	-2.62137D-04	-4.22053D-05
17	-1.35905D-02	-2.16881D-02	-1.33430D-02	5.66627D-04	-2.98413D-04	2.67757D-04
18	-1.47911D-02	-2.80466D-02	-1.67465D-02	5.41096D-04	-1.45999D-04	9.68866D-05
19	-1.60424D-02	-3.49711D-02	-1.80325D-02	5.42951D-04	-8.27730D-05	-1.65445D-05
20	-1.62463D-02	-3.62549D-02	-1.83285D-02	4.87250D-04	2.51367D-05	-2.38082D-04
21	-1.60786D-02	-1.50063D-02	-1.38245D-02	4.12637D-04	9.93014D-05	-4.79129D-04
22	-7.20429D-03	-2.01064D-03	-5.30468D-03	2.54306D-04	2.20708D-05	-3.45007D-04
23	-6.98287D-10	-4.78831D-10	-3.71816D-10	3.09428D-08	-4.87134D-09	-4.03329D-08
25	-5.20881D-03	6.12676D-03	-1.66348D-03	9.67171D-05	7.56604D-05	-4.10695D-05
26	-4.01089D-03	7.10562D-03	-8.91019D-04	3.12253D-05	1.26083D-05	-1.55098D-04
27	-2.25401D-03	7.10124D-03	-5.58362D-04	2.96265D-05	1.08251D-05	-1.60565D-04
28	1.53084D-03	3.45421D-03	-2.67728D-04	1.75083D-05	1.48406D-06	-1.30961D-04
29	1.53496D-03	2.01089D-03	-2.75787D-04	1.55431D-05	1.50762D-07	-1.20331D-04
30	1.46240D-03	-1.43471D-03	-1.31147D-03	-5.82737D-05	1.19454D-05	-1.53697D-05
31	2.39308D-03	2.62659D-04	-4.11394D-04	-1.41393D-04	-6.49490D-05	1.57800D-04
32	6.50465D-03	-4.01753D-04	3.88802D-03	-8.49010D-05	1.34929D-05	2.46694D-05
33	2.00871D-03	-1.63636D-03	5.12882D-03	2.39363D-05	2.79380D-04	-5.43139D-05
34	-1.66571D-02	1.52676D-02	2.39177D-02	6.81568D-05	-2.10308D-06	-1.19652D-05
35	-1.48238D-02	1.51378D-02	2.34114D-02	-6.72864D-05	-2.22186D-04	9.86242D-05
36	-1.49606D-01	-1.18360D-01	-1.59644D-01	7.76092D-03	-4.76027D-03	-3.58079D-03
37	-1.48330D-01	-2.17295D-01	-6.54748D-02	4.80063D-03	-3.87474D-03	-2.73306D-03
38	-1.30035D-02	-2.35373D-01	-5.55611D-03	-9.64078D-04	2.50688D-04	-8.33240D-04
39	-1.97530D-03	-1.24059D-01	4.55331D-02	2.41084D-03	1.00952D-03	-1.95611D-03
40	-6.37009D-03	-1.20134D-01	1.59981D-02	5.25807D-03	-4.59966D-05	-1.74805D-04
41	-7.37854D-03	-1.20138D-01	-2.22372D-02	5.55045D-03	-4.96001D-05	-1.18834D-04
42	-3.70350D-03	-6.01433D-02	-7.95554D-02	6.84219D-03	-4.26871D-04	4.93434D-04
43	3.93337D-03	5.23446D-02	-7.97714D-02	6.77614D-03	-5.36847D-04	7.50687D-04
44	1.14718D-02	9.80414D-02	-8.88647D-02	5.81341D-03	-9.80895D-04	1.81507D-03
45	1.06507D-02	3.54110D-02	-2.79843D-02	2.39738D-03	-5.73526D-04	-5.04417D-04
46	1.07660D-02	3.69611D-02	-2.90491D-02	2.28244D-03	-1.98681D-04	4.98827D-05
47	1.07381D-03	6.00375D-03	-2.73926D-03	4.06395D-04	3.92345D-06	1.27530D-04
48	1.01142D-03	6.29598D-03	-2.65481D-03	3.09257D-04	2.44789D-05	2.60043D-04
49	-2.92865D-03	-1.11356D-02	8.44341D-04	1.45917D-04	1.45914D-05	3.93333D-04
50	-2.66744D-03	-6.48244D-03	9.73365D-04	2.02645D-04	-2.73281D-05	3.34459D-04
51	-2.55474D-03	-4.16292D-03	1.09790D-03	2.01947D-04	-2.77863D-05	3.27785D-04

52	-2.70558D-05	-3.80089D-06	1.41318D-05	5.12115D-06	-3.11159D-07	9.62083D-06
53	-1.23165D-11	-3.17275D-11	6.13044D-12	5.89201D-10	-2.69658D-11	1.10850D-09
54	1.65133D-03	2.09910D-03	4.01392D-03	5.92758D-06	1.23223D-05	8.37879D-05
55	2.68539D-03	2.08459D-03	4.25762D-03	-6.84832D-05	-9.82716D-05	1.68595D-04
56	4.73369D-03	-6.64268D-05	2.97595D-03	-7.94685D-05	-1.67110D-04	2.47715D-04
57	2.18183D-03	2.12654D-03	1.09151D-02	5.68447D-04	-2.20296D-05	-2.44504D-04
58	6.30507D-04	5.83294D-03	5.36131D-03	5.29170D-04	-2.97436D-05	-2.36942D-05
59	1.07762D-03	5.58179D-03	-2.76264D-03	4.54486D-04	1.76755D-06	1.06070D-04
60	-3.56913D-02	-3.70302D-03	-1.29574D-02	-2.21318D-03	1.60382D-03	-7.38358D-04
61	-1.08870D-02	-5.32892D-02	-6.37142D-02	-5.29160D-04	-9.57282D-05	-2.18256D-03
62	2.10990D-03	1.79170D-02	-6.01022D-02	2.59327D-03	-2.41844D-04	-4.78863D-04
63	6.85567D-03	3.15228D-02	-5.06236D-02	1.99847D-03	-1.08997D-03	-5.49474D-04
64	6.86980D-03	4.03221D-04	4.13422D-02	6.65932D-04	-1.19318D-03	-2.71138D-04
65	3.54356D-03	5.72779D-04	5.03636D-02	-8.62171D-04	-1.58325D-04	4.87496D-04
66	-1.25916D-02	5.66458D-04	2.03550D-02	-1.02877D-03	-7.56167D-05	5.72126D-04
67	-2.33122D-02	-1.09703D-03	7.30350D-03	-2.19984D-04	-7.53754D-05	1.09248D-03
68	9.65273D-04	5.78533D-02	1.95859D-02	-6.16381D-04	-1.68859D-04	4.05123D-04
69	2.10209D-03	5.03508D-02	1.98039D-02	-1.35801D-03	-1.04565D-04	1.26856D-04
70	2.30799D-03	-4.30464D-03	1.93103D-02	-1.05193D-03	2.27452D-04	-3.07295D-04
71	-2.37727D-03	-1.91325D-02	8.44002D-03	-3.53394D-04	1.12497D-03	-8.74571D-04
72	-1.08984D-02	-2.34191D-02	1.44412D-03	1.73878D-04	1.27602D-03	-3.34882D-04
73	-7.87387D-03	-2.44024D-02	-3.72742D-03	-7.63601D-05	6.40592D-04	3.32133D-04
74	1.70969D-03	-1.71821D-02	-6.59801D-03	-2.49397D-04	2.46402D-05	2.05208D-04
76	2.46929D-03	-1.08421D-03	2.39186D-02	-1.04185D-03	5.69527D-05	1.47329D-04
77	2.59409D-03	-9.24719D-03	2.37001D-02	-1.04981D-03	-4.07919D-05	3.43654D-04
78	-2.08323D-04	-1.50270D-02	2.55762D-03	-8.38611D-04	-1.02515D-04	-4.33289D-05
79	5.69022D-03	-1.58048D-02	-1.90829D-02	9.21506D-04	2.03757D-04	1.10340D-04
80	4.56921D-04	-1.25696D-03	-1.42124D-04	1.40598D-04	3.69942D-05	3.08656D-05
82	-7.46051D-04	-1.14380D-03	-1.13362D-02	7.87375D-04	-7.14389D-04	-5.25094D-05
83	3.59114D-04	-4.50453D-04	-1.10708D-02	5.20667D-04	-7.33807D-04	-1.21487D-04
84	4.54559D-03	1.78357D-04	6.91932D-04	3.30723D-04	-6.48667D-04	-1.02356D-04
85	4.87112D-03	4.94718D-05	2.43159D-03	1.67490D-04	-5.14138D-04	-1.40352D-04
86	7.03827D-05	4.33227D-05	-4.63540D-05	-7.51733D-06	-2.51601D-05	-3.56004D-05
87	7.15421D-05	-1.39168D-04	1.25287D-05	-1.24917D-05	1.77096D-06	-8.94421D-06
88	6.70979D-05	-9.44266D-05	6.01699D-06	-8.28491D-06	-4.49590D-06	-4.41924D-06
90	4.49681D-05	2.03433D-04	-3.91933D-05	-1.58653D-05	1.49673D-05	-6.22988D-06
91	-3.77741D-07	1.35796D-04	-8.15765D-06	-1.15354D-05	1.54739D-06	-2.78381D-06
93	-3.84664D-02	2.12235D-02	8.65873D-03	7.29454D-04	1.95511D-03	-8.66366D-04
94	-1.65014D-01	7.16989D-02	4.01487D-02	2.40048D-04	2.90084D-03	-1.72234D-03
95	-1.07928D-01	-1.83243D-02	-2.35431D-01	4.79771D-04	-4.20013D-03	-2.10633D-04
96	-1.24106D-01	-6.56179D-02	-1.73340D-01	6.18908D-03	-4.73270D-03	-2.81054D-03
97	-6.05414D-02	-6.91875D-03	-1.49350D-01	1.21712D-03	-4.69995D-03	-7.79252D-05
98	-4.03922D-02	-3.65985D-06	-1.12743D-01	1.10443D-03	-4.83844D-03	-1.63211D-04
99	1.05476D-01	-4.49774D-02	1.79005D-01	4.21734D-04	3.60942D-03	5.61281D-04
100	3.89904D-02	-2.33304D-02	1.10965D-01	2.84007D-04	3.24337D-03	7.15945D-04
101	-2.64321D-02	-4.93017D-03	4.43546D-02	-2.25203D-04	2.41078D-03	5.44505D-04
102	-5.77354D-02	-1.64209D-03	1.26492D-02	-3.10194D-04	1.55837D-03	4.25050D-04
103	-4.32843D-02	-3.47337D-03	1.30687D-02	-1.52327D-03	1.80585D-03	-2.37675D-04
104	-2.19531D-02	3.72523D-03	2.55961D-03	-1.18147D-05	-5.81743D-04	-9.47397D-04
105	-1.02939D-02	3.29238D-03	2.55929D-03	-3.30651D-05	-4.77544D-04	-1.00262D-03
106	1.92501D-02	8.31262D-04	3.19384D-03	-1.72393D-05	-4.78875D-04	-1.10020D-03
107	-1.88291D-03	2.08866D-03	2.53425D-03	-8.11326D-05	-3.65304D-04	-8.59391D-04
108	7.72413D-03	8.68924D-04	-3.14566D-03	-5.72721D-04	-1.67421D-04	3.78759D-05
109	8.33032D-03	-2.16164D-03	-3.14467D-03	-2.97913D-04	-1.74043D-05	1.15697D-04
110	8.28627D-03	-2.87892D-03	-3.14416D-03	-1.83702D-04	3.80717D-05	1.49049D-04
111	7.89983D-03	-3.32324D-03	-3.14325D-03	-7.64350D-06	1.13737D-04	2.01857D-04
112	7.08284D-03	-3.03338D-03	-3.14245D-03	1.01258D-04	1.50933D-04	2.35879D-04
113	-4.37435D-04	-3.28816D-03	8.79778D-04	1.56826D-04	1.57167D-04	2.85004D-04
114	6.09132D-03	-2.17356D-03	-3.14330D-03	1.67831D-04	1.73609D-04	2.41618D-04
115	5.60825D-03	-1.65341D-03	-3.14386D-03	2.06265D-04	1.86637D-04	2.46541D-04

116	4.94574D-03	-8.62483D-04	-3.14452D-03	2.38884D-04	1.97351D-04	2.52871D-04
117	4.25487D-03	-2.25404D-08	-3.14470D-03	2.48636D-04	2.01281D-04	2.52871D-04
118	5.80437D-03	-8.62428D-04	-3.92890D-03	3.48005D-04	1.56458D-04	3.87817D-04
119	2.72313D-03	1.89795D-03	-3.14487D-03	2.48953D-04	2.00829D-04	2.52871D-04
120	8.42797D-03	-8.62292D-04	-6.23772D-03	4.86393D-04	7.27251D-05	5.57493D-04
121	1.04794D-02	3.99565D-04	-8.17788D-03	4.94279D-04	6.65235D-05	5.67023D-04
122	7.68254D-03	-1.26682D-06	-4.81207D-03	-6.46260D-04	-1.48086D-04	1.53584D-04
123	7.60005D-03	-5.35925D-03	-7.28851D-03	-7.85983D-04	-8.55078D-05	3.19246D-04
124	7.37168D-03	-2.25972D-02	-5.39578D-03	-1.13897D-03	2.12364D-04	2.05996D-04
125	7.32061D-03	-2.43846D-02	-2.92355D-03	-1.21251D-03	2.97360D-04	9.03702D-05
126	7.23621D-03	-2.47973D-02	4.42080D-03	-1.30370D-03	4.15632D-04	-1.03503D-04
127	1.05722D-02	-2.84355D-02	-3.58290D-02	-1.49718D-03	4.11134D-04	-1.56987D-04
128	7.06856D-03	-2.07819D-02	1.51610D-02	-1.00136D-03	4.47133D-04	-1.90976D-04
129	7.00617D-03	-1.93321D-02	1.81971D-02	-8.55073D-04	3.98758D-04	-1.98114D-04
130	7.77454D-03	-9.88566D-03	2.28034D-02	-5.81818D-04	1.94076D-05	-9.67917D-05
131	3.97235D-03	-2.18552D-02	2.26746D-02	-3.72900D-04	2.68438D-04	-1.67746D-04
132	-1.36111D-02	-1.31609D-06	1.55706D-02	5.46833D-04	-3.25572D-04	6.98820D-05
133	-1.62070D-02	-3.18139D-02	-1.75995D-02	4.66224D-04	6.30199D-05	-3.32658D-04
134	5.16347D-03	-2.45022D-07	2.30197D-02	-4.90462D-04	-2.15788D-04	1.48985D-05
135	3.78182D-04	6.68397D-03	2.32016D-02	-3.33669D-04	-3.21702D-04	1.13449D-04
136	-7.21184D-03	1.22688D-02	2.33920D-02	-1.43538D-04	-3.17446D-04	1.94918D-04
137	-1.49405D-02	1.20287D-02	2.20787D-02	-3.52920D-05	-3.15283D-04	2.66789D-04
138	-1.33466D-02	1.46791D-02	2.34071D-02	-9.08913D-05	-2.56217D-04	1.30207D-04
139	-1.29484D-02	9.18882D-03	2.01787D-02	1.45746D-04	2.32618D-04	-1.22411D-04
140	-2.36409D-03	5.31508D-07	9.53469D-03	8.15145D-05	3.20118D-04	-9.54559D-05
141	3.21836D-04	-1.13817D-03	6.82955D-03	4.54286D-05	2.99993D-04	-6.85939D-05
142	-9.94363D-04	-9.13097D-04	5.48801D-03	6.04392D-05	2.40465D-04	-4.83810D-06
143	-1.47228D-03	-7.63000D-04	4.99906D-03	4.53843D-05	2.17451D-04	9.93629D-07
144	-2.13335D-03	-6.43152D-04	4.32030D-03	-4.92962D-06	1.83601D-04	-1.62425D-05
145	-2.86076D-03	-8.60812D-04	3.57881D-03	-6.10475D-05	1.63954D-04	-5.10490D-05
146	3.90256D-03	-1.19719D-03	-4.37536D-03	-4.01557D-04	1.50179D-04	-3.51077D-04
147	-3.52981D-03	-9.70978D-04	2.91074D-03	6.98818D-06	1.54029D-04	1.49195D-05
148	-3.80762D-03	-8.16597D-04	2.63366D-03	4.49821D-05	1.48515D-04	5.11401D-05
149	-4.15261D-03	-4.55984D-04	2.28950D-03	7.55857D-05	1.44143D-04	7.94640D-05
150	-4.48989D-03	-3.48368D-08	1.95258D-03	8.59884D-05	1.42814D-04	8.98667D-05
151	-4.03943D-03	-4.56087D-04	2.11631D-03	5.81311D-05	1.54612D-04	1.33768D-05
152	-5.26244D-03	9.49252D-04	1.18037D-03	8.61020D-05	1.43306D-04	8.99804D-05
153	-4.23247D-03	-4.56285D-04	1.87432D-03	3.56643D-05	1.76048D-04	-7.03379D-05
154	-4.84593D-03	-5.27788D-04	1.41693D-03	3.43269D-05	1.77636D-04	-7.51251D-05
155	6.45680D-03	-2.28408D-07	3.81720D-03	-9.38785D-05	-1.40895D-05	4.53598D-05
156	4.89007D-03	5.61565D-04	2.15500D-03	-1.36411D-04	-7.80472D-05	1.31386D-04
157	3.68637D-03	5.24994D-04	8.88698D-04	-1.55019D-04	-7.70294D-05	1.53183D-04
158	-6.30392D-04	1.06119D-03	-3.66330D-03	-1.73904D-04	-7.61164D-05	1.56718D-04
159	2.59093D-03	3.83647D-04	-1.99063D-04	-1.45297D-04	-7.01428D-05	1.58193D-04
160	2.03135D-03	1.53496D-07	-8.04322D-04	-1.38828D-04	-5.52472D-05	1.51378D-04
161	8.74617D-04	-1.64440D-04	-2.34884D-03	-1.37940D-04	-5.85053D-06	8.65500D-05
162	1.19752D-03	-2.28956D-08	-1.90816D-03	-1.10660D-04	8.69723D-06	5.64091D-05
163	1.26385D-03	-2.58103D-04	-1.77833D-03	-1.02821D-04	6.46169D-06	5.51135D-05
164	1.29129D-03	-4.87893D-04	-1.73003D-03	-9.78678D-05	4.42868D-06	5.27466D-05
165	1.38312D-03	-1.70344D-03	-1.68952D-03	-7.58865D-05	1.72703D-06	2.14232D-05
166	-1.87749D-02	-2.35136D-01	1.34550D-03	-9.86558D-04	2.05952D-04	-8.17018D-04
167	-4.81242D-03	-2.35314D-01	-1.52806D-02	-9.76065D-04	2.50155D-04	-8.21291D-04
168	-1.25466D-02	-2.27197D-01	-3.42388D-03	-8.94520D-04	2.88814D-04	-8.82173D-04
169	-1.12823D-02	-2.11052D-01	2.39812D-03	-2.61480D-04	5.96037D-04	-1.45471D-03
170	-4.54821D-03	-1.43705D-01	3.36349D-02	1.67279D-03	1.00511D-03	-2.18612D-03
171	-1.35441D-02	-1.43765D-01	2.89547D-02	1.20920D-03	1.00511D-03	-3.13842D-03
172	-2.28194D-02	-1.43813D-01	2.61072D-02	9.53591D-04	1.00511D-03	-3.67446D-03
173	-4.19091D-02	-1.43836D-01	2.13404D-02	9.22744D-04	1.00511D-03	-3.74245D-03
174	-6.73684D-02	-1.43840D-01	1.51562D-02	9.13446D-04	1.00511D-03	-3.78391D-03
175	-3.26243D-03	-1.32956D-01	3.95856D-02	2.03832D-03	1.01070D-03	-2.08771D-03

176	-6.79619D-03	-1.20137D-01	-2.29790D-07	5.39478D-03	-4.75409D-05	-1.50238D-04
177	1.13317D-02	7.01409D-08	-1.08771D-01	4.88887D-03	7.46377D-04	1.44470D-03
178	1.10412D-02	-2.90497D-02	-2.16885D-07	3.62701D-03	7.64396D-04	-6.09793D-04
179	-1.85981D-03	4.59327D-08	9.59408D-03	1.45464D-03	3.52220D-04	9.20240D-04
180	-3.58925D-04	4.01904D-03	1.43319D-03	1.01915D-03	-1.59851D-04	1.63079D-04
181	-1.38402D-05	5.24572D-03	4.57817D-05	9.58269D-04	-1.26891D-04	1.88728D-04
182	1.08678D-03	5.23529D-03	-2.84477D-03	4.64189D-04	5.10852D-06	1.21194D-04
183	1.08114D-03	5.37179D-03	-2.80271D-03	4.59490D-04	4.19380D-06	1.15398D-04
184	6.01518D-04	5.55993D-03	8.98302D-04	4.99994D-04	-1.41026D-05	3.68739D-05
185	1.07821D-03	5.83748D-03	-2.76025D-03	4.36593D-04	1.68179D-06	1.11855D-04
186	-1.02533D-03	3.13214D-03	-8.33533D-04	1.69120D-04	3.78376D-05	3.78659D-04
187	-1.32819D-03	1.68534D-03	-5.61183D-04	1.55628D-04	3.70292D-05	3.89883D-04
188	-1.60550D-03	1.74974D-04	-3.18433D-04	1.45714D-04	3.53117D-05	3.97986D-04
189	-2.61146D-03	-5.32938D-03	1.03455D-03	2.02482D-04	-2.75815D-05	3.31349D-04
190	1.51569D-03	-4.08063D-08	-1.00788D-08	-3.49302D-05	1.04928D-05	4.60830D-06
191	1.53889D-03	9.05700D-08	-2.59729D-04	1.06799D-05	-2.03099D-06	-9.23790D-05
192	1.53758D-03	6.88621D-04	-2.70289D-04	1.24862D-05	-1.21519D-06	-1.04867D-04
193	2.58948D-03	2.02026D-03	-7.67537D-05	2.56059D-05	1.11627D-06	-1.00708D-04
194	-3.92973D-03	4.69485D-03	-1.21060D-03	9.73231D-05	7.72179D-05	-2.74991D-05
195	-1.03000D-03	1.25687D-03	-3.18905D-04	6.55295D-05	5.31962D-05	-4.99461D-06
196	2.23810D-03	2.09830D-03	3.97240D-03	7.14955D-06	1.22003D-05	8.28430D-05
197	8.19251D-04	2.11492D-03	4.12676D-03	9.73952D-06	1.22551D-05	8.30837D-05
198	1.54335D-03	2.31630D-03	3.97580D-03	-1.00440D-06	1.07709D-05	8.70889D-05
199	5.16489D-03	-2.47909D-03	1.57928D-03	-5.95069D-05	-1.24666D-04	2.59513D-04
200	5.50886D-03	-7.16839D-03	4.71880D-04	-8.89617D-06	-1.38589D-05	2.48162D-04
201	6.35697D-03	-7.16957D-03	4.64139D-04	1.10543D-05	-1.58712D-05	2.62318D-04
202	6.90576D-03	-7.17025D-03	4.30652D-04	1.96403D-05	-1.71247D-05	2.68900D-04
203	8.02259D-03	-8.19155D-03	2.61333D-04	3.67099D-05	-1.23667D-05	2.71984D-04
204	8.01705D-03	-9.91602D-03	2.76834D-04	6.89344D-05	2.35654D-05	2.11391D-04
205	7.92880D-03	-1.10965D-02	5.41810D-04	6.86338D-05	5.13590D-05	2.51358D-04
206	5.33542D-03	-1.10860D-02	1.04518D-03	5.41302D-05	6.74721D-05	1.98355D-04
207	4.09333D-03	-1.48929D-02	5.06753D-03	1.82938D-04	1.18440D-04	9.78441D-05
208	2.15240D-03	5.18716D-08	1.10401D-02	5.50315D-04	-1.56367D-05	-2.28730D-04
209	-7.54214D-03	-7.04416D-02	-6.34707D-02	4.88539D-04	-1.54273D-04	-2.04377D-03
210	-6.14930D-03	-7.28507D-02	-6.30412D-02	6.18193D-04	-1.47102D-04	-2.01874D-03
211	3.94371D-02	-7.48471D-02	-5.23833D-02	4.95416D-04	-1.41464D-04	-2.11911D-03
212	-4.97446D-03	-7.29330D-02	-6.25927D-02	8.32735D-04	-1.42111D-04	-1.90420D-03
213	4.99379D-04	-1.21511D-06	-6.07144D-02	2.68620D-03	-2.04505D-04	-5.55668D-04
214	-2.31376D-02	7.20574D-08	7.38386D-03	-1.97183D-04	-8.04159D-05	1.09738D-03
215	3.63464D-03	7.18511D-03	1.94336D-02	-1.24026D-03	1.01246D-04	-2.04135D-04
216	2.35898D-03	-1.55268D-03	2.13680D-02	-1.04878D-03	1.75768D-04	-1.86764D-04
217	2.29137D-03	-8.75517D-03	1.58444D-02	-8.77790D-04	3.31176D-04	-4.26662D-04
218	-1.28426D-02	-2.34938D-02	5.14556D-07	1.71417D-04	1.24127D-03	-2.98347D-04
219	-1.61695D-02	-2.43039D-02	-5.61217D-03	-3.81059D-05	7.77870D-04	2.21085D-04
220	-1.57200D-02	-2.43080D-02	-5.53337D-03	-3.95200D-05	7.74964D-04	2.24399D-04
221	-1.58239D-02	-2.31169D-02	-9.73959D-03	-3.95278D-05	7.75169D-04	2.23933D-04
222	-1.52591D-02	-2.43109D-02	-5.44905D-03	-4.08793D-05	7.71861D-04	2.27935D-04
223	-1.05673D-02	-2.43907D-02	-4.38419D-03	-7.26601D-05	6.72933D-04	3.15023D-04
224	-9.92539D-03	-2.43931D-02	-4.23378D-03	-7.32890D-05	6.69831D-04	3.16936D-04
225	-9.98274D-03	-2.27060D-02	-7.85866D-03	-7.32983D-05	6.69994D-04	3.16483D-04
226	-9.27665D-03	-2.43943D-02	-4.08000D-03	-7.38039D-05	6.66572D-04	3.18962D-04
227	1.43694D-03	-8.73755D-03	-5.23363D-03	-1.77210D-04	-8.00157D-05	1.73774D-04
228	2.42917D-03	-5.66153D-07	2.33043D-02	-1.04439D-03	1.00292D-04	2.49920D-05
229	3.33881D-03	-1.08804D-03	3.02254D-02	-8.98281D-04	1.57246D-05	1.22021D-04
230	3.79591D-03	-1.09041D-03	3.36480D-02	-7.82921D-04	-1.01440D-05	1.03898D-04
231	-1.83072D-07	-1.50495D-02	1.28180D-07	-8.28549D-04	-9.89814D-05	-4.64927D-05
232	6.66700D-03	-1.58247D-02	-2.70125D-02	8.84442D-04	1.98463D-04	1.03762D-04
233	6.45380D-03	-1.58238D-02	-2.52186D-02	8.89231D-04	1.99054D-04	1.04659D-04
234	7.56729D-03	-2.06963D-02	-2.54042D-02	8.89660D-04	1.99179D-04	1.04685D-04
235	6.23683D-03	-1.58219D-02	-2.34088D-02	8.93246D-04	1.99526D-04	1.05425D-04

236	2.36964D-09	-1.14242D-03	-1.68008D-08	8.17975D-04	-7.06172D-04	-5.68933D-05
237	-5.53586D-05	-1.14280D-03	-8.30482D-04	8.16031D-04	-7.12639D-04	-5.51788D-05
238	-3.79233D-04	-1.14342D-03	-5.73034D-03	8.08422D-04	-7.20983D-04	-5.32230D-05
239	-3.79380D-04	-8.11830D-04	-1.03165D-02	8.08422D-04	-7.25853D-04	-5.28109D-05
240	-6.94605D-04	-1.14366D-03	-1.05447D-02	7.96521D-04	-7.17268D-04	-5.26356D-05
241	2.50360D-04	4.38586D-05	-8.00157D-05	-5.07825D-06	-6.71816D-05	-4.99739D-05
242	6.92432D-05	-8.59615D-05	1.41417D-05	-7.61439D-06	-1.52301D-05	-2.97772D-05
243	7.09200D-05	1.67312D-04	-9.05721D-05	-9.03543D-06	-1.10692D-05	-2.87259D-05
244	6.10663D-05	-8.52420D-05	5.06531D-06	-7.63726D-06	-4.66459D-06	-3.65382D-06
245	3.12173D-05	-4.09060D-05	3.46708D-06	-6.33727D-06	-4.33155D-06	-2.66627D-06
246	4.82261D-05	-4.09245D-05	-3.66165D-05	-6.35488D-06	-4.33155D-06	-2.68969D-06
247	6.13341D-06	-6.80406D-06	1.88463D-06	-4.18949D-06	-3.03297D-06	-1.62073D-06
248	-8.89834D-07	1.22727D-04	-6.88411D-06	-1.07777D-05	8.28184D-07	-2.28974D-06
249	-2.51300D-06	5.93998D-05	-4.74537D-06	-9.07423D-06	1.56494D-07	-1.65231D-06
250	7.93473D-06	5.94271D-05	-6.21859D-05	-9.10448D-06	1.56494D-07	-1.65654D-06
251	-1.43551D-06	1.01191D-05	-2.57948D-06	-6.04188D-06	-7.97736D-08	-1.00438D-06
252	1.52606D-03	2.37756D-03	3.94657D-03	-3.72711D-05	-2.67870D-05	1.13205D-04

M O D A L A N A L Y S I S

MODE NUMBER 49
FREQUENCY= 34.2652 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	7.40047D-02	-3.53841D-02	-1.80322D-02	9.58207D-05	-9.23080D-04	7.42046D-04
3	7.24307D-02	-2.03243D-02	9.51238D-03	2.85626D-03	-2.05512D-04	8.93627D-04
4	5.57595D-02	-2.03490D-02	6.25932D-02	2.83095D-03	-1.68051D-04	9.37646D-04
5	4.07469D-02	-9.26632D-03	9.57589D-02	1.35613D-03	3.59370D-04	9.16282D-04
6	2.10630D-02	3.08655D-03	7.34904D-02	-2.36949D-04	1.62319D-03	1.21784D-04
7	-2.29432D-02	-2.53878D-04	-6.83935D-03	-2.50308D-04	1.69653D-03	1.82412D-04
8	-7.13220D-02	7.96484D-03	-8.34133D-02	-3.40457D-04	-8.51252D-04	2.93450D-04
9	3.83355D-02	-1.44651D-03	2.70337D-02	-3.94294D-04	-6.71851D-04	3.82967D-04
10	4.44445D-02	1.47353D-07	3.33892D-02	-2.38028D-04	-2.47247D-04	4.67826D-04
11	-1.13886D-02	2.38890D-02	1.39347D-02	-2.20840D-04	-5.82188D-05	4.86340D-04
12	2.32191D-02	6.08170D-06	1.38215D-02	-2.63836D-04	-7.70728D-04	-6.89351D-05
13	4.13393D-02	3.13840D-03	-3.68784D-03	-7.74620D-04	-6.93236D-04	7.61901D-05
14	4.03606D-02	-5.22203D-02	6.98324D-02	-1.81489D-03	6.66377D-04	-8.16076D-04
15	-3.02923D-02	-4.28524D-02	6.99527D-02	1.34220D-03	6.82994D-04	-5.38547D-04
16	-3.48302D-02	1.03875D-03	6.57896D-02	1.71619D-03	-6.95061D-04	-2.57103D-05
17	-3.50736D-02	-8.13772D-02	-3.67204D-02	1.80706D-03	-1.01706D-03	9.50097D-04
18	-3.97831D-02	-1.02318D-01	-4.92892D-02	1.71444D-03	-6.17701D-04	3.04980D-04
19	-4.58318D-02	-1.23924D-01	-5.53901D-02	1.73233D-03	-4.24781D-04	-1.11903D-04
20	-4.75021D-02	-1.26443D-01	-5.84735D-02	1.55653D-03	-2.99291D-05	-8.96419D-04
21	-4.71785D-02	-4.98331D-02	-4.73657D-02	1.36630D-03	3.04228D-04	-1.65311D-03
22	-1.98590D-02	-6.98165D-03	-1.82849D-02	8.69155D-04	1.28172D-04	-1.02263D-03
23	-1.59951D-09	-1.86594D-09	-1.26906D-09	1.07100D-07	-7.30921D-09	-1.11416D-07
25	-4.04506D-03	7.55830D-03	-1.27199D-03	1.16555D-04	5.80901D-05	-3.52129D-05
26	-2.63512D-03	8.96179D-03	-3.05378D-05	4.21480D-05	-3.16422D-06	-1.53090D-04
27	-9.04048D-04	8.95518D-03	4.21897D-04	3.86895D-05	-4.87777D-06	-1.59659D-04
28	3.20659D-03	4.68692D-03	5.51391D-04	-1.36535D-05	1.19768D-05	-1.72060D-04
29	3.20704D-03	2.76883D-03	4.24578D-04	-1.99007D-05	1.18543D-05	-1.60861D-04
30	2.86681D-03	-2.13885D-03	1.51363D-03	-1.95098D-04	1.14686D-05	-1.72032D-05
31	7.30683D-03	6.55897D-04	-2.84641D-03	-3.76216D-04	-2.29029D-04	4.05438D-04
32	1.68600D-02	-9.16239D-04	7.37426D-03	-2.19515D-04	1.66633D-04	8.60902D-05
33	-2.09408D-03	-4.03639D-03	1.14901D-02	7.89936D-05	1.04773D-03	-1.07871D-04
34	-6.52959D-02	4.01889D-02	7.51619D-02	2.44584D-04	-1.54817D-04	4.34179D-05
35	-5.60362D-02	4.03089D-02	7.23201D-02	-1.13944D-04	-9.96914D-04	3.48478D-04
36	4.35268D-02	3.19275D-02	6.15111D-02	-2.15169D-03	1.63136D-03	1.10355D-03
37	4.37293D-02	6.01275D-02	3.44136D-02	-1.34039D-03	1.25570D-03	8.93192D-04
38	3.66321D-04	6.54643D-02	4.23275D-03	3.23549D-05	-1.56332D-04	1.68456D-04
39	-3.86845D-03	4.57557D-02	-1.61328D-02	-1.01059D-03	-3.57319D-04	4.66494D-04
40	-1.56748D-03	4.49305D-02	-5.47002D-03	-1.80304D-03	-2.66135D-05	2.52993D-04
41	1.89698D-04	4.49383D-02	7.58591D-03	-1.88739D-03	-2.55841D-05	2.35985D-04
42	9.79467D-04	2.57827D-02	2.63646D-02	-2.12567D-03	1.16407D-04	1.15860D-05
43	-1.18794D-03	-8.99715D-03	2.64430D-02	-2.09380D-03	1.62086D-04	-8.43811D-05
44	-3.80973D-03	-2.43196D-02	2.97814D-02	-1.79713D-03	3.82930D-04	-4.34740D-04
45	-3.49787D-03	-8.53251D-03	8.93741D-03	-8.71639D-04	1.99659D-04	7.91138D-05
46	-3.53919D-03	-8.88934D-03	9.31584D-03	-8.40686D-04	7.49490D-05	-6.96262D-05
47	-1.07460D-03	-2.41115D-03	2.80960D-03	-3.02050D-04	4.80553D-06	-1.05412D-04
48	-1.03386D-03	-2.58336D-03	2.76229D-03	-2.36889D-04	-2.22306D-05	-1.96643D-04
49	2.68734D-03	9.20948D-03	-5.59620D-04	-1.25991D-04	-1.05827D-05	-3.13027D-04
50	2.30358D-03	5.33661D-03	-7.03614D-04	-1.67485D-04	3.22423D-05	-2.72229D-04
51	2.17048D-03	3.43629D-03	-8.51511D-04	-1.66340D-04	3.23297D-05	-2.67687D-04

52	2.41911D-05	3.29144D-06	-1.06601D-05	-4.32880D-06	1.18718D-06	-7.98002D-06
53	1.29744D-11	2.74749D-11	-3.15554D-12	-4.93987D-10	1.02884D-10	-9.24963D-10
54	4.57845D-04	3.06634D-03	-3.14345D-03	-9.88934D-05	1.44016D-05	9.41987D-05
55	-7.49186D-04	7.65047D-04	-3.42772D-03	-8.32776D-05	7.66798D-05	2.52853D-05
56	-2.54414D-03	-1.35515D-04	-2.22703D-03	-7.77891D-05	1.57221D-04	-4.54859D-05
57	-6.96194D-04	-8.43352D-04	-7.74677D-03	-4.13508D-04	5.26157D-05	4.16222D-05
58	-3.97360D-04	-2.53928D-03	-3.40072D-03	-3.92591D-04	4.00236D-05	-1.41444D-05
59	-1.01391D-03	-2.33339D-03	2.62568D-03	-3.33712D-04	9.91411D-06	-8.59562D-05
60	3.13478D-02	-1.50740D-03	1.42983D-02	-6.46275D-04	-4.65438D-04	3.13494D-04
61	2.59620D-02	-9.21053D-03	2.07142D-03	-5.25826D-04	2.60058D-04	8.33453D-04
62	1.28029D-03	2.48048D-03	-8.11879D-03	4.20857D-05	2.61905D-04	7.10827D-04
63	-1.59506D-05	7.89359D-03	-8.86969D-03	-2.19910D-04	-1.20038D-04	1.38044D-04
64	-4.54788D-05	6.97181D-03	5.18598D-03	-2.46521D-04	-2.03927D-04	-9.39723D-05
65	1.19218D-03	5.37350D-03	3.28846D-03	-3.17879D-04	-1.11007D-04	-3.85341D-05
66	2.12687D-03	5.31505D-03	-6.38384D-03	-3.24233D-04	-8.21685D-05	-3.36278D-05
67	3.70686D-03	7.38221D-04	-1.08308D-02	-2.61163D-04	-5.20835D-05	-2.16316D-05
68	4.88964D-03	-9.13488D-03	-9.59130D-03	1.15731D-04	5.57721D-05	2.49603D-05
69	4.18010D-03	-7.72066D-03	-9.71822D-03	2.11683D-04	1.10731D-04	5.08340D-05
70	8.83209D-04	3.89595D-04	-9.52128D-03	1.30593D-04	-2.19751D-05	5.79644D-05
71	1.98531D-03	3.63380D-03	-5.14793D-03	-8.55284D-05	-3.88273D-04	2.11293D-04
72	4.18633D-03	4.70392D-03	-8.77866D-04	-1.23581D-04	-4.05030D-04	9.63040D-05
73	3.16844D-03	4.91703D-03	-3.16430D-04	6.52663D-05	-2.05753D-04	-1.08720D-04
74	1.10872D-04	2.75162D-03	2.85822D-04	8.51009D-05	-3.10829D-05	-3.15848D-05
76	7.86680D-04	8.31305D-04	-9.16993D-03	1.65712D-04	4.46204D-05	-7.91784D-05
77	7.06738D-04	3.89957D-03	-7.36807D-03	1.95314D-04	8.06810D-05	-1.25565D-04
78	2.60854D-04	4.91380D-03	-6.98082D-04	2.26243D-04	1.45838D-04	7.11225D-05
79	-7.59964D-04	5.16598D-03	6.14854D-03	-2.87858D-04	-6.56334D-06	-3.70270D-05
80	-6.10862D-05	4.23988D-04	4.67917D-05	-4.66895D-05	-3.14320D-06	-9.59464D-06
82	4.36205D-05	6.63095D-04	3.09321D-03	-2.15615D-04	3.16444D-04	2.99890D-06
83	-5.40196D-04	3.97874D-04	2.43944D-03	-1.62853D-04	3.04285D-04	2.65429D-05
84	-2.27516D-03	3.32407D-07	-2.43667D-03	-1.24073D-04	2.69193D-04	2.83420D-05
85	-2.42753D-03	5.59214D-07	-3.06271D-03	-1.02675D-04	1.97714D-04	6.26644D-05
86	-3.20570D-05	4.71021D-07	7.57019D-06	-2.01802D-05	9.67474D-06	1.60204D-05
87	-3.43344D-05	8.74538D-05	-6.43108D-06	-4.86622D-06	-1.51582D-06	8.04030D-07
88	-3.30225D-05	7.45677D-05	-2.79472D-06	5.08152D-06	2.18705D-06	-1.57916D-06
90	-2.41155D-05	-8.67433D-05	1.34495D-05	-4.91364D-06	-4.91978D-06	8.19620D-07
91	-7.08267D-06	-7.41018D-05	2.65013D-06	5.04485D-06	-1.05283D-06	-1.59129D-06
93	1.30079D-02	-8.80875D-03	-2.90007D-03	-3.15103D-04	-6.58167D-04	3.33340D-04
94	5.54193D-02	-3.05964D-02	-1.34055D-02	-1.55142D-04	-9.64851D-04	6.56699D-04
95	2.93551D-02	2.47644D-03	8.85940D-02	1.88202D-05	1.53248D-03	1.23791D-04
96	3.47785D-02	1.69489D-02	6.62030D-02	-1.69317D-03	1.64641D-03	8.77604D-04
97	1.21292D-02	1.50677D-03	5.72117D-02	-2.80077D-04	1.70377D-03	6.02416D-05
98	4.83873D-03	9.49370D-07	4.39172D-02	-2.82610D-04	1.74846D-03	6.97572D-05
99	-2.63358D-02	4.56563D-03	-3.81066D-02	-4.15774D-04	-1.59356D-03	2.73356D-04
100	4.04994D-03	1.54565D-03	-7.48947D-03	-4.31938D-04	-1.43170D-03	2.91664D-04
101	3.19060D-02	-1.08688D-03	2.05375D-02	-4.11497D-04	-9.24072D-04	3.51925D-04
102	4.27366D-02	-9.27025D-04	3.15843D-02	-2.98211D-04	-4.20250D-04	4.35410D-04
103	3.49578D-02	-1.47477D-03	2.18909D-02	-5.42134D-04	-5.76854D-04	3.34303D-04
104	-1.03151D-02	2.16874D-02	1.39437D-02	-2.94312D-04	-3.08883D-04	4.64329D-04
105	-2.36413D-03	1.50564D-02	1.39476D-02	-3.31932D-04	-4.81959D-04	4.51794D-04
106	-1.71777D-02	1.64585D-02	7.22894D-03	-2.93624D-04	-4.85181D-04	5.50061D-04
107	9.95097D-03	6.75520D-03	1.38902D-02	-3.68244D-04	-6.37007D-04	2.39389D-04
108	4.13820D-02	3.05702D-03	-9.18179D-03	-1.01285D-03	-6.33692D-04	2.82690D-04
109	4.31755D-02	-2.61997D-03	-9.16848D-03	-5.82884D-04	6.79098D-05	6.40090D-04
110	4.25208D-02	-4.08956D-03	-9.16251D-03	-3.79428D-04	3.27912D-04	7.93261D-04
111	3.99992D-02	-5.11935D-03	-9.15275D-03	-3.42920D-05	6.82369D-04	1.03578D-03
112	3.52749D-02	-4.63629D-03	-9.14485D-03	2.08213D-04	8.56012D-04	1.19203D-03
113	-2.36008D-03	-6.15573D-03	5.31518D-03	6.06176D-04	8.93037D-04	1.41194D-03
114	2.97503D-02	-3.14849D-03	-9.14704D-03	2.72263D-04	9.58766D-04	1.22167D-03
115	2.71095D-02	-2.35754D-03	-9.14848D-03	3.10715D-04	1.01807D-03	1.24710D-03

116	2.35252D-02	-1.21530D-03	-9.15016D-03	3.45263D-04	1.06703D-03	1.27978D-03
117	1.98085D-02	-1.98454D-08	-9.15070D-03	3.54057D-04	1.08538D-03	1.27978D-03
118	2.78909D-02	-1.21512D-03	-1.04157D-02	5.94366D-04	8.55738D-04	1.97680D-03
119	1.15459D-02	2.70281D-03	-9.15119D-03	3.54527D-04	1.08337D-03	1.27978D-03
120	4.13012D-02	-1.21471D-03	-1.46108D-02	9.10390D-04	4.23098D-04	2.85339D-03
121	5.16724D-02	1.15371D-03	-1.82528D-02	9.28437D-04	3.91055D-04	2.90263D-03
122	4.14311D-02	-9.10083D-06	-1.53142D-02	-1.31397D-03	-5.44951D-04	6.79157D-04
123	4.15051D-02	-2.26720D-02	-2.41067D-02	-1.88610D-03	-3.04934D-04	1.31837D-03
124	4.15780D-02	-9.01387D-02	-1.82055D-02	-3.33149D-03	6.77572D-04	6.72656D-04
125	4.15726D-02	-9.55395D-02	-1.02963D-02	-3.63262D-03	9.42210D-04	1.46879D-04
126	4.15548D-02	-9.18671D-02	1.29210D-02	-4.00602D-03	1.30207D-03	-7.20777D-04
127	6.80078D-02	-1.03346D-01	-1.11954D-01	-4.64397D-03	1.27183D-03	-1.08038D-03
128	4.09781D-02	-7.08527D-02	4.67800D-02	-3.08186D-03	1.38889D-03	-9.71352D-04
129	4.07624D-02	-6.40383D-02	5.62651D-02	-2.63469D-03	1.21883D-03	-9.68849D-04
130	4.14231D-02	-3.07386D-02	7.03158D-02	-1.80376D-03	-1.24212D-04	-5.31706D-04
131	3.17489D-02	-6.79796D-02	6.98924D-02	-1.14382D-03	8.21971D-04	-7.75908D-04
132	-3.49044D-02	-4.32511D-06	5.29565D-02	1.73080D-03	-9.23166D-04	3.62205D-04
133	-4.74351D-02	-1.09876D-01	-5.76215D-02	1.50292D-03	1.19357D-04	-1.22124D-03
134	2.86548D-02	-1.50334D-06	7.10343D-02	-1.48054D-03	-9.73357D-04	-9.22244D-05
135	8.50579D-03	1.96194D-02	7.16392D-02	-9.39231D-04	-1.35631D-03	2.95553D-04
136	-2.30038D-02	3.44648D-02	7.22733D-02	-3.14766D-04	-1.34620D-03	6.16123D-04
137	-4.85026D-02	3.33804D-02	7.20878D-02	5.58872D-05	-1.33879D-03	8.62163D-04
138	-4.94734D-02	3.94844D-02	7.23105D-02	-1.76105D-04	-1.12470D-03	4.36261D-04
139	-5.53301D-02	2.42078D-02	6.50405D-02	4.38281D-04	7.64053D-04	-2.70707D-04
140	-1.82191D-02	1.50938D-06	2.77168D-02	2.42664D-04	1.16297D-03	-2.11739D-04
141	-8.37592D-03	-2.84165D-03	1.78140D-02	1.40074D-04	1.10899D-03	-1.42958D-04
142	-1.28500D-02	-1.77227D-03	1.32534D-02	2.65770D-04	7.43475D-04	-4.13010D-05
143	-1.42436D-02	-1.20606D-03	1.18219D-02	2.42360D-04	6.06861D-04	-7.50111D-05
144	-1.58935D-02	-8.36925D-04	1.01112D-02	1.10266D-04	4.15144D-04	-2.23418D-04
145	-1.73852D-02	-1.82782D-03	8.57101D-03	-5.98265D-05	3.13909D-04	-4.04020D-04
146	1.39964D-02	-2.74644D-03	-1.39674D-02	-1.18882D-03	2.62769D-04	-1.52528D-03
147	-1.85751D-02	-2.58443D-03	7.38586D-03	1.69336D-04	2.60536D-04	-1.89861D-04
148	-1.90148D-02	-2.24611D-03	6.94934D-03	2.97885D-04	2.30417D-04	-7.41818D-05
149	-1.95130D-02	-1.27956D-03	6.45477D-03	4.02239D-04	2.06129D-04	1.36274D-05
150	-1.99667D-02	-1.16417D-07	6.00258D-03	4.36941D-04	1.98040D-04	4.83288D-05
151	-2.00246D-02	-1.28000D-03	5.43684D-03	3.75908D-04	2.81874D-04	-3.65556D-04
152	-2.10447D-02	2.61951D-03	4.92609D-03	4.37263D-04	2.00020D-04	4.86510D-05
153	-2.35090D-02	-1.28087D-03	3.52578D-03	3.40092D-04	4.36971D-04	-8.45279D-04
154	-2.77322D-02	-2.23830D-03	1.38635D-03	3.37724D-04	4.48459D-04	-8.72607D-04
155	1.74863D-02	-7.26737D-07	7.91526D-03	-2.41729D-04	6.69235D-05	1.38258D-04
156	1.47659D-02	9.58470D-04	4.84078D-03	-3.59425D-04	-2.03063D-04	3.42880D-04
157	1.14395D-02	1.02033D-03	1.30541D-03	-4.16777D-04	-2.25305D-04	3.86828D-04
158	8.44082D-04	2.41017D-03	-1.11560D-02	-4.76500D-04	-2.21532D-04	3.83124D-04
159	8.01312D-03	9.42081D-04	-2.09524D-03	-3.88046D-04	-2.27983D-04	4.04077D-04
160	5.83912D-03	4.38958D-07	-4.41614D-03	-3.67706D-04	-2.29110D-04	3.92016D-04
161	-2.37019D-03	-4.77685D-04	-1.49364D-02	-3.64203D-04	-8.76138D-05	2.34000D-04
162	-8.02772D-04	-3.55178D-08	-1.18680D-02	-3.09896D-04	1.21187D-04	1.39012D-04
163	3.53127D-05	-3.32147D-04	-9.77321D-03	-2.94633D-04	1.29087D-04	1.29479D-04
164	5.30049D-04	-6.41765D-04	-8.40520D-03	-2.84673D-04	1.27050D-04	1.20972D-04
165	2.40853D-03	-2.36427D-03	-1.52036D-03	-2.36714D-04	8.44730D-05	5.18038D-05
166	1.53568D-03	6.53938D-02	3.95994D-03	4.18078D-05	-1.41020D-04	1.67076D-04
167	-1.31940D-03	6.54922D-02	4.55407D-03	3.61219D-05	-1.56186D-04	1.67458D-04
168	9.63308D-05	6.41137D-02	2.94805D-03	9.50054D-06	-1.68982D-04	1.76108D-04
169	-4.88933D-04	6.14935D-02	1.03928D-04	-1.95243D-04	-2.61610D-04	2.99997D-04
170	-2.98392D-03	4.92592D-02	-1.18898D-02	-7.91787D-04	-3.62676D-04	5.03550D-04
171	-1.13940D-03	4.92807D-02	-9.44625D-03	-6.95877D-04	-3.62676D-04	5.99778D-04
172	5.58262D-04	4.92975D-02	-7.65810D-03	-6.43915D-04	-3.62676D-04	6.54556D-04
173	3.93955D-03	4.93058D-02	-4.38200D-03	-6.37921D-04	-3.62676D-04	6.61683D-04
174	8.43184D-03	4.93074D-02	-7.62574D-05	-6.37874D-04	-3.62676D-04	6.67119D-04
175	-3.42832D-03	4.72577D-02	-1.40223D-02	-9.00715D-04	-3.60566D-04	4.87299D-04

176	-7.93719D-04	4.49344D-02	8.86372D-08	-1.84311D-03	-2.61723D-05	2.47003D-04
177	-3.75367D-03	-2.25255D-08	3.88209D-02	-1.54665D-03	-2.41374D-04	-3.52740D-04
178	-3.64283D-03	5.95902D-03	7.73868D-08	-1.20478D-03	-2.88650D-04	1.57731D-04
179	5.12831D-04	-1.19006D-08	-2.96544D-03	-6.10931D-04	-1.17707D-04	-3.11802D-04
180	8.09817D-05	-8.59545D-04	-3.60045D-04	-4.88864D-04	6.20421D-05	-1.06288D-04
181	-6.22881D-05	-1.23186D-03	2.03463D-04	-4.72716D-04	5.37498D-05	-1.11012D-04
182	-9.64297D-04	-2.13629D-03	2.51067D-03	-3.36467D-04	8.65636D-06	-8.99339D-05
183	-9.86339D-04	-2.22058D-03	2.56137D-03	-3.35111D-04	8.81102D-06	-8.85020D-05
184	-5.71801D-04	-2.32474D-03	-8.03886D-05	-3.70182D-04	2.47577D-05	-4.53108D-05
185	-1.04183D-03	-2.43690D-03	2.71126D-03	-3.21741D-04	8.70392D-06	-9.24560D-05
186	9.69778D-04	-9.78184D-04	9.62405D-04	-1.45760D-04	-3.68400D-05	-2.85976D-04
187	1.26108D-03	-3.74118D-05	6.99082D-04	-1.36003D-04	-3.54608D-05	-2.95764D-04
188	1.52406D-03	9.71705D-04	4.68165D-04	-1.27858D-04	-3.33161D-05	-3.04056D-04
189	2.23723D-03	4.39215D-03	-7.76535D-04	-1.67076D-04	3.23388D-05	-2.70150D-04
190	3.03740D-03	-6.04751D-08	2.46927D-08	-1.39694D-04	-2.09424D-05	3.22937D-06
191	3.20316D-03	1.50452D-07	2.16254D-04	-3.14430D-05	1.19199D-05	-1.25706D-04
192	3.20491D-03	9.54447D-04	2.93917D-04	-2.71559D-05	1.18999D-05	-1.42441D-04
193	4.56136D-03	2.79586D-03	2.89218D-04	-1.14127D-05	1.20564D-05	-1.22412D-04
194	-3.05942D-03	5.76501D-03	-9.26686D-04	1.16981D-04	5.96023D-05	-2.16433D-05
195	-8.06270D-04	1.53527D-03	-2.42697D-04	7.87333D-05	4.14200D-05	-1.02538D-06
196	1.12414D-03	3.06269D-03	-2.46699D-03	-9.57705D-05	1.43761D-05	9.50559D-05
197	-4.96426D-04	3.04380D-03	-4.18921D-03	-1.02711D-04	1.44613D-05	9.46930D-05
198	3.48090D-04	2.52158D-03	-3.17098D-03	-9.68659D-05	1.51506D-05	9.11050D-05
199	-2.94790D-03	1.17840D-04	-9.01413D-04	-8.78101D-05	1.12520D-04	-6.12721D-05
200	-3.19373D-03	8.80558D-04	-8.12140D-05	-1.10668D-04	-4.95067D-06	-8.36373D-05
201	-3.52489D-03	8.80483D-04	3.11325D-04	-1.25263D-04	-4.68015D-06	-1.10274D-04
202	-3.76431D-03	8.80429D-04	5.78174D-04	-1.32685D-04	-4.51165D-06	-1.17831D-04
203	-4.23163D-03	1.15182D-03	1.11168D-03	-1.51050D-04	-1.19554D-05	-1.08644D-04
204	-4.17096D-03	1.52664D-03	9.08160D-04	-1.66391D-04	-4.93833D-05	-9.26166D-05
205	-4.03743D-03	1.81959D-03	4.77763D-04	-1.69007D-04	-7.54711D-05	-1.13794D-04
206	-2.90700D-03	1.81719D-03	-9.93957D-04	-1.37327D-04	-8.47296D-05	-9.42674D-05
207	-1.56739D-03	3.51908D-03	-5.29583D-03	-1.96891D-04	-1.11579D-04	-9.80861D-05
208	-6.18818D-04	-2.16742D-08	-8.02429D-03	-4.02372D-04	4.81814D-05	3.21569D-05
209	2.06293D-02	-1.12971D-02	-2.42859D-04	-3.85479D-04	3.30806D-04	8.97093D-04
210	1.78294D-02	-1.14257D-02	-1.39236D-03	-3.67783D-04	3.32388D-04	9.04949D-04
211	-1.59647D-03	-1.06754D-02	-1.00996D-02	-3.92573D-04	3.33201D-04	9.08000D-04
212	1.50630D-02	-1.12120D-02	-2.51285D-03	-3.30526D-04	3.31333D-04	9.06495D-04
213	3.27764D-03	-2.07200D-07	-7.30883D-03	3.99970D-05	2.79120D-04	7.65428D-04
214	3.83552D-03	7.70432D-08	-1.07536D-02	-2.54720D-04	-5.12331D-05	-2.09931D-05
215	1.09356D-03	-1.16740D-03	-9.57117D-03	1.72478D-04	3.67074D-05	5.62701D-05
216	8.53269D-04	-6.70031D-05	-9.65546D-03	1.41568D-04	-1.59548D-06	1.97691D-05
217	8.91879D-04	1.27600D-03	-8.78803D-03	8.09819D-05	-6.95778D-05	8.61076D-05
218	4.75860D-03	4.71996D-03	-2.33668D-07	-1.11745D-04	-3.94109D-04	8.72677D-05
219	5.87383D-03	4.89472D-03	1.45179D-03	5.08593D-05	-2.48492D-04	-7.10128D-05
220	5.72955D-03	4.89562D-03	1.34806D-03	5.14759D-05	-2.47579D-04	-7.21795D-05
221	5.76265D-03	4.51828D-03	2.68147D-03	5.14768D-05	-2.47638D-04	-7.20816D-05
222	5.58119D-03	4.89626D-03	1.24234D-03	5.20574D-05	-2.46608D-04	-7.33807D-05
223	4.05328D-03	4.91415D-03	2.27106D-04	6.43964D-05	-2.15673D-04	-1.03200D-04
224	3.84288D-03	4.91469D-03	9.58537D-05	6.45881D-05	-2.14702D-04	-1.03864D-04
225	3.86067D-03	4.36779D-03	1.24606D-03	6.45903D-05	-2.14731D-04	-1.03771D-04
226	3.63002D-03	4.91497D-03	-3.60947D-05	6.47311D-05	-2.13705D-04	-1.04521D-04
227	-8.40824D-05	1.20140D-03	6.37357D-04	5.52877D-05	9.49888D-07	-1.92595D-05
228	8.11192D-04	1.73928D-07	-9.47295D-03	1.56864D-04	2.79213D-05	-4.39595D-05
229	3.29525D-04	6.33406D-04	-1.02135D-02	1.47285D-04	5.91614D-05	-6.52012D-05
230	8.65602D-05	6.34701D-04	-1.07832D-02	1.26251D-04	6.82851D-05	-5.70738D-05
231	1.30345D-07	4.92134D-03	-4.73785D-08	2.24777D-04	1.44085D-04	6.97493D-05
232	-1.08912D-03	5.17299D-03	8.62422D-03	-2.75145D-04	-3.47728D-06	-3.70102D-05
233	-1.01402D-03	5.17268D-03	8.06570D-03	-2.76770D-04	-3.77053D-06	-3.70714D-05
234	-1.04477D-03	6.69079D-03	8.13817D-03	-2.76915D-04	-3.78421D-06	-3.70787D-05
235	-9.38514D-04	5.17199D-03	7.50180D-03	-2.78138D-04	-4.05071D-06	-3.71047D-05

236	-1.12374D-09	6.62541D-04	6.63886D-09	-2.21890D-04	3.13772D-04	4.71506D-06
237	3.95900D-06	6.62733D-04	2.26513D-04	-2.22050D-04	3.16053D-04	3.90638D-06
238	2.39754D-05	6.63054D-04	1.56320D-03	-2.20537D-04	3.18995D-04	2.99598D-06
239	2.39838D-05	6.47085D-04	3.58883D-03	-2.20537D-04	3.20764D-04	2.67377D-06
240	4.10295D-05	6.63081D-04	2.87703D-03	-2.17691D-04	3.17558D-04	2.93540D-06
241	-1.19062D-04	4.78603D-07	-9.34135D-05	-2.84057D-05	2.58344D-05	2.47315D-05
242	-3.14794D-05	5.21942D-05	-1.25714D-05	-1.47450D-05	5.24871D-06	1.25469D-05
243	-3.21247D-05	-5.13180D-05	2.76905D-05	-1.47653D-05	4.86354D-06	1.25575D-05
244	-3.00515D-05	6.78320D-05	-2.35079D-06	5.23579D-06	2.28366D-06	-1.29070D-06
245	-1.53631D-05	3.45070D-05	-1.60528D-06	4.83647D-06	2.12923D-06	-9.18537D-07
246	-9.61997D-06	3.45230D-05	2.89935D-05	4.85078D-06	2.12923D-06	-9.13700D-07
247	-3.02309D-06	6.68940D-06	-8.72597D-07	3.36835D-06	1.49182D-06	-5.58347D-07
248	-6.23533D-06	-6.74115D-05	2.23827D-06	5.20072D-06	-8.08192D-07	-1.30804D-06
249	-2.40217D-06	-3.42987D-05	1.54660D-06	4.80710D-06	-5.24068D-07	-9.42579D-07
250	3.55123D-06	-3.43148D-05	3.19745D-05	4.82297D-06	-5.24068D-07	-9.44259D-07
251	-1.16355D-07	-6.64936D-06	8.40700D-07	3.34797D-06	-2.95456D-07	-5.72962D-07
252	1.62383D-04	1.90599D-03	-3.19964D-03	-8.79567D-05	3.27232D-05	6.83405D-05

M O D A L A N A L Y S I S

MODE NUMBER 50
FREQUENCY= 35.0066 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.10050D-02	-1.66390D-02	-3.48751D-03	-2.03357D-04	-1.72977D-04	4.15619D-04
3	4.14035D-03	-2.48508D-02	-1.31048D-02	-7.58391D-04	-1.25984D-04	8.44981D-04
4	-1.15690D-02	-2.47955D-02	-2.70085D-02	-7.35565D-04	-1.54106D-04	8.71349D-04
5	-2.40300D-02	-2.12970D-02	-3.37626D-02	-2.94593D-04	-3.41747D-04	8.34212D-04
6	-2.08195D-02	-7.46612D-03	-2.00515D-02	-9.23036D-05	-7.96740D-04	5.18495D-04
7	-9.59894D-04	6.45652D-04	1.63208D-02	-2.45143D-04	-6.99904D-04	-9.62771D-06
8	1.39382D-02	-3.27295D-02	4.06526D-02	1.64779D-04	4.01300D-04	-9.50148D-05
9	-3.17751D-02	-1.36227D-04	-6.43445D-03	2.08603D-04	2.22418D-04	-3.28583D-04
10	-3.34581D-02	-4.50050D-07	-7.89034D-03	2.35379D-04	1.62621D-05	-2.61803D-04
11	-5.41954D-03	4.04946D-03	4.12597D-03	-6.14194D-06	-1.29967D-04	-1.93195D-04
12	-1.33129D-03	5.83458D-08	4.22151D-03	-9.59503D-05	-2.04937D-05	-1.20845D-04
13	-1.13861D-03	-7.85532D-04	3.94111D-03	-9.01680D-05	-2.13023D-05	-5.15599D-05
14	-1.21537D-03	6.24739D-04	-8.34337D-04	1.68940D-05	-1.01845D-05	4.25648D-05
15	1.71793D-04	4.27741D-04	-8.35055D-04	-1.53416D-05	-1.66543D-05	1.55739D-05
16	3.74161D-04	-9.19484D-05	-8.90872D-04	-1.82581D-05	6.10430D-06	-3.35545D-06
17	3.84639D-04	1.70054D-03	4.90211D-04	-2.25813D-05	1.63172D-05	-1.83440D-05
18	4.72275D-04	2.02279D-03	7.10591D-04	-2.12679D-05	1.21610D-05	-5.19469D-06
19	6.02852D-04	2.29335D-03	8.40547D-04	-2.23243D-05	9.38089D-06	3.08700D-06
20	6.46716D-04	2.26423D-03	9.24159D-04	-2.01629D-05	2.11433D-06	1.76523D-05
21	6.46745D-04	8.21592D-04	7.83367D-04	-2.02083D-05	-5.07106D-06	2.94802D-05
22	2.37638D-04	1.17331D-04	3.03043D-04	-1.40511D-05	-3.78142D-06	1.44119D-05
23	9.76827D-12	3.80536D-11	2.14542D-11	-1.79405D-09	-1.09265D-10	1.34749D-09
25	-1.07675D-04	7.70903D-05	-3.55971D-05	1.07116D-06	1.44186D-06	-9.19682D-07
26	-7.04813D-05	6.55860D-05	-5.72358D-05	-1.40295D-06	-1.02308D-07	-3.29279D-06
27	-3.31768D-05	6.55837D-05	-7.32545D-05	-1.40054D-06	-1.57817D-07	-3.33873D-06
28	2.91700D-05	1.83127D-05	-7.83672D-05	-3.28335D-07	-1.46256D-06	-9.13263D-07
29	2.93227D-05	9.08103D-06	-6.17775D-05	-2.28114D-07	-1.55476D-06	-7.16813D-07
30	2.91375D-05	-3.86259D-05	-3.45300D-04	3.81803D-07	1.20532D-06	-2.13004D-07
31	-1.09172D-04	1.34977D-05	1.13087D-04	1.68954D-06	2.71681D-06	5.68699D-07
32	8.46560D-05	-2.79523D-05	2.94177D-04	-9.51888D-07	-1.12342D-05	-3.53781D-06
33	6.64827D-04	-6.08727D-05	2.28376D-04	-1.05528D-06	-2.52302D-05	-4.95097D-06
34	1.85581D-03	2.56772D-04	-9.78292D-04	-4.26875D-06	1.01504D-05	-4.34493D-06
35	1.53122D-03	1.94429D-04	-8.70221D-04	-7.14368D-06	3.05146D-05	-2.57989D-06
36	-3.33297D-02	-7.18386D-03	-1.33407D-02	2.69963D-04	-9.51608D-04	2.91337D-04
37	-4.12590D-02	-1.00829D-02	-5.78045D-03	2.62679D-04	-7.34074D-04	-1.43651D-04
38	-2.96047D-03	-1.10437D-02	-3.43807D-03	-1.65525D-04	1.79633D-04	-2.57442D-04
39	-2.01905D-03	-2.00348D-04	6.78909D-04	-3.95104D-05	-6.69408D-05	-3.37061D-05
40	-1.62498D-03	-4.23563D-04	-1.21132D-05	-8.34881D-06	-7.81608D-05	7.22884D-05
41	-1.12182D-03	-4.25379D-04	5.32936D-05	-1.52486D-05	-7.14601D-05	6.69723D-05
42	-3.92081D-04	-1.07967D-03	5.01591D-04	-9.61038D-05	-1.97959D-05	1.09246D-05
43	-1.32690D-04	-2.72092D-03	5.02201D-04	-9.95118D-05	-1.37085D-05	-2.26444D-06
44	-5.56601D-05	-3.29629D-03	4.41392D-04	-6.93298D-05	-6.01386D-06	-4.96667D-05
45	-7.22888D-05	-1.61070D-03	2.95998D-04	2.16318D-05	2.46546D-06	5.06662D-05
46	-7.28070D-05	-1.70801D-03	2.99268D-04	2.55324D-05	-1.00954D-07	2.89600D-05
47	7.39131D-05	7.00150D-05	-2.06635D-04	2.31543D-05	-7.34570D-07	9.55794D-06
48	7.18718D-05	7.45579D-05	-2.04873D-04	1.86589D-05	1.56052D-06	1.61882D-05
49	-2.34214D-04	-8.65366D-04	6.80625D-05	1.19478D-05	1.00143D-06	2.75693D-05
50	-2.03908D-04	-4.96842D-04	7.97306D-05	1.63194D-05	-2.53098D-06	2.44112D-05
51	-1.93437D-04	-3.20935D-04	9.13205D-05	1.61930D-05	-2.53122D-06	2.40607D-05

52	-2.20416D-06	-3.29816D-07	1.12247D-06	4.41777D-07	-1.03400D-07	7.22397D-07
53	-1.19697D-12	-2.75310D-12	3.76516D-13	5.05229D-11	-8.96091D-12	8.37778D-11
54	2.36903D-05	3.91595D-06	1.80947D-04	8.59764D-07	1.58949D-06	1.63383D-06
55	8.40570D-06	-4.81566D-06	1.72315D-04	-2.59066D-06	-1.91785D-06	5.35728D-06
56	8.89994D-05	-7.52278D-05	1.11431D-04	-1.88841D-06	-8.93885D-06	8.59501D-06
57	-4.99867D-05	4.14629D-05	5.42253D-04	2.78622D-05	-8.85082D-07	2.52017D-07
58	-2.68635D-05	1.11625D-04	2.57228D-04	2.83256D-05	-2.47624D-06	4.86029D-06
59	6.67496D-05	9.51613D-05	-1.84213D-04	2.51284D-05	-1.16228D-06	7.73683D-06
60	-1.24798D-02	-2.11299D-04	-1.15413D-02	-3.58526D-04	1.67655D-04	-1.11562D-03
61	1.60874D-02	-1.68399D-02	-2.08937D-02	2.55360D-04	3.54753D-04	-1.74919D-03
62	-5.21280D-02	4.74264D-03	-4.88713D-02	2.20415D-04	8.94108D-04	7.59119D-04
63	-5.17812D-02	1.46748D-02	-3.91581D-02	-9.39686D-04	-2.00303D-03	1.46564D-03
64	-5.19130D-02	1.32815D-01	1.43447D-01	-4.50229D-03	-2.42845D-03	1.04124D-03
65	-2.46358D-02	1.22128D-01	6.97648D-02	-7.94695D-03	-3.38516D-04	-3.05420D-03
66	7.29603D-02	1.21685D-01	-1.76917D-01	-8.16972D-03	-4.34136D-04	-3.32880D-03
67	1.34527D-01	1.55196D-02	-2.79745D-01	-4.52298D-03	-1.18583D-03	-2.38919D-03
68	1.85317D-01	-2.25284D-01	-2.38057D-01	2.94897D-03	1.63051D-03	-1.75511D-04
69	1.63003D-01	-1.91535D-01	-2.42268D-01	5.18684D-03	3.59083D-03	5.27975D-04
70	4.87215D-02	3.22396D-03	-2.37496D-01	2.95426D-03	-1.18087D-04	1.09815D-03
71	7.52921D-02	7.69054D-02	-1.33447D-01	-2.50076D-03	-9.55232D-03	5.17152D-03
72	1.30819D-01	1.03540D-01	-2.32663D-02	-3.30421D-03	-9.96730D-03	2.48799D-03
73	8.75815D-02	1.08502D-01	-5.48093D-03	1.74204D-03	-5.09811D-03	-3.18297D-03
74	3.51635D-03	5.00214D-02	7.16828D-03	2.04444D-03	-7.71900D-04	-6.75687D-04
76	4.56808D-02	1.59692D-02	-2.20318D-01	3.67966D-03	1.28924D-03	-1.95505D-03
77	4.31068D-02	9.24215D-02	-1.72360D-01	4.28016D-03	2.13242D-03	-2.79527D-03
78	8.82902D-03	9.80697D-02	-1.53106D-02	4.96451D-03	3.90411D-03	2.44437D-03
79	2.42614D-02	1.05656D-01	1.29469D-01	-6.20016D-03	1.57250D-03	-3.95308D-04
80	2.08242D-03	7.88578D-03	1.03971D-03	-9.16176D-04	2.29965D-04	-5.97508D-05
82	-4.55748D-03	1.69320D-02	7.74284D-02	-5.40604D-03	9.97348D-03	-3.10142D-04
83	-2.44279D-02	9.32096D-03	5.07497D-02	-4.31176D-03	9.44933D-03	6.94808D-04
84	-7.84148D-02	-6.76029D-04	-1.00979D-01	-3.58994D-03	8.38976D-03	9.17977D-04
85	-8.25457D-02	-1.20229D-04	-1.19830D-01	-3.55639D-03	5.96990D-03	2.09707D-03
86	-9.99487D-04	-1.05688D-04	7.38371D-05	-9.12927D-04	2.92138D-04	5.22263D-04
87	-1.09776D-03	2.87050D-03	-2.21414D-04	-2.85416D-04	-5.97227D-05	1.84774D-06
88	-1.07515D-03	2.61812D-03	-9.11142D-05	1.67705D-04	7.05497D-05	-8.40107D-05
90	-7.89128D-04	-3.02669D-03	3.78963D-04	-2.77513D-04	-1.34622D-04	-5.09905D-06
91	-2.91684D-04	-2.71847D-03	7.33339D-05	1.75587D-04	-3.63055D-05	-8.87466D-05
93	1.65430D-03	-2.10245D-03	-6.18582D-04	-8.43609D-05	-9.12636D-05	1.39690D-04
94	7.83619D-03	-1.11859D-02	-2.53192D-03	-1.69647D-04	-1.58915D-04	3.34810D-04
95	-2.49152D-02	-1.26082D-02	-2.76087D-02	-1.28383D-04	-7.65150D-04	5.90667D-04
96	-2.82331D-02	-6.55495D-03	-1.60901D-02	1.80773D-04	-9.21737D-04	3.51545D-04
97	-1.65202D-02	-2.82924D-03	-1.21640D-02	-1.10717D-04	-8.08061D-04	4.32326D-04
98	-1.31162D-02	-6.43266D-07	-5.92544D-03	-1.41307D-04	-8.06790D-04	3.34930D-04
99	-5.30937D-03	-2.12234D-02	2.08434D-02	4.47953D-04	6.84616D-04	8.13011D-05
100	-1.82626D-02	-9.71221D-03	7.46726D-03	4.75923D-04	6.04517D-04	4.25682D-05
101	-2.95154D-02	-5.80190D-04	-4.06184D-03	3.15506D-04	3.46724D-04	-1.94903D-04
102	-3.31294D-02	-1.84456D-04	-7.64721D-03	2.35979D-04	9.74589D-05	-2.76759D-04
103	-2.50948D-02	-1.70807D-04	-7.21714D-03	-1.37948D-04	1.97214D-04	-7.75106D-04
104	-4.44052D-03	3.88354D-03	4.18204D-03	-2.94592D-05	-9.10208D-05	-1.92736D-04
105	-2.75597D-03	3.12270D-03	4.21785D-03	-4.13806D-05	-6.49940D-05	-1.92476D-04
106	2.79251D-03	2.68757D-03	3.85270D-03	-2.01808D-05	-6.67772D-05	-2.06712D-04
107	-1.76167D-03	1.73019D-03	4.22035D-03	-7.51113D-05	-3.98356D-05	-1.63257D-04
108	-1.14672D-03	-4.34373D-04	3.75020D-03	-8.11153D-05	-2.34919D-05	-4.93774D-05
109	-9.65232D-04	-6.58819D-04	3.73825D-03	-1.26362D-05	-2.99756D-05	-3.68874D-05
110	-8.70881D-04	-6.55301D-04	3.73302D-03	-5.05366D-06	-3.39035D-05	-3.15346D-05
111	-6.94606D-04	-6.58948D-04	3.72460D-03	-1.98730D-05	-4.13677D-05	-2.30592D-05
112	-4.30814D-04	-8.32255D-04	3.71788D-03	-5.34533D-05	-4.72187D-05	-1.75988D-05
113	-3.68268D-05	-1.24774D-03	-3.72803D-03	-3.71785D-04	-6.61250D-05	-8.12690D-06
114	-1.53561D-04	-8.62204D-04	3.71860D-03	2.19221D-05	-4.56637D-05	-1.75918D-05
115	-3.55575D-05	-7.14174D-04	3.71905D-03	6.36319D-05	-4.48226D-05	-1.75857D-05

116	1.13602D-04	-3.95019D-04	3.71957D-03	9.66941D-05	-4.41767D-05	-1.75780D-05
117	2.61393D-04	-2.77741D-08	3.71980D-03	1.08452D-04	-4.40232D-05	-1.75780D-05
118	6.76972D-05	-3.95117D-04	3.54166D-03	4.41136D-05	-4.42292D-05	-1.74174D-05
119	5.97794D-04	8.27925D-04	3.72001D-03	1.08602D-04	-4.41314D-05	-1.75780D-05
120	-2.52937D-05	-3.95306D-04	3.51582D-03	-2.28040D-05	-4.43366D-05	-1.72163D-05
121	2.05713D-05	-4.61480D-04	3.61795D-03	-2.66720D-05	-4.43446D-05	-1.72040D-05
122	-1.15659D-03	3.26084D-07	3.49565D-03	-7.06710D-05	-2.51551D-05	-5.24554D-05
123	-1.17478D-03	1.14663D-03	3.00136D-03	-5.08267D-05	-2.83513D-05	-5.71743D-05
124	-1.21735D-03	3.21520D-03	1.43156D-03	-6.93710D-07	-3.50681D-05	-6.62637D-06
125	-1.22558D-03	3.20906D-03	1.07181D-03	9.75066D-06	-3.53080D-05	1.44755D-05
126	-1.23868D-03	2.63210D-03	3.25817D-04	2.27019D-05	-3.41573D-05	4.60407D-05
127	-2.83347D-03	2.72934D-03	1.14192D-03	3.02739D-05	-3.28397D-05	6.17056D-05
128	-1.22750D-03	1.51906D-03	-4.19388D-04	2.02523D-05	-2.91524D-05	5.07889D-05
129	-1.22329D-03	1.18911D-03	-6.01831D-04	1.90670D-05	-2.36839D-05	4.94195D-05
130	-1.18830D-03	3.69695D-04	-8.41601D-04	1.93971D-05	7.66283D-06	3.38812D-05
131	-1.07635D-03	7.69793D-04	-8.34972D-04	1.02371D-05	-1.39808D-05	3.86583D-05
132	3.76248D-04	5.83085D-08	-7.57465D-04	-1.89532D-05	1.03483D-05	-1.07816D-05
133	6.47072D-04	1.94026D-03	9.31350D-04	-2.01757D-05	-8.20899D-07	2.34634D-05
134	-8.17392D-04	1.35759D-07	-8.52471D-04	1.26399D-05	2.72334D-05	2.04611D-05
135	-2.81716D-04	-1.01800D-04	-8.61698D-04	9.71270D-07	3.66812D-05	8.61974D-06
136	5.64428D-04	-2.08552D-05	-8.71426D-04	-8.64472D-06	3.76038D-05	-1.16927D-06
137	7.76613D-04	1.20561D-05	-1.23250D-03	-1.54325D-05	3.74587D-05	-5.51604D-06
138	1.33169D-03	1.49832D-04	-8.70588D-04	-7.62999D-06	3.33928D-05	-2.11723D-06
139	1.79750D-03	1.80025D-04	-9.11377D-04	-1.65370D-06	-1.31761D-05	-5.97576D-06
140	1.03718D-03	4.56035D-09	-1.45498D-04	-8.40840D-07	-2.59676D-05	-5.67182D-06
141	8.13268D-04	-3.83660D-05	7.93633D-05	-1.00206D-06	-2.58074D-05	-5.23433D-06
142	8.91805D-04	-8.31114D-05	1.59551D-04	-8.61647D-06	-7.80267D-06	1.58515D-06
143	8.99848D-04	-9.80702D-05	1.68323D-04	-1.01162D-05	-1.24821D-06	6.27014D-06
144	8.86305D-04	-1.01575D-04	1.55959D-04	-1.03389D-05	7.57802D-06	1.58420D-05
145	8.42665D-04	-6.25635D-05	1.13267D-04	-8.56539D-06	1.18091D-05	2.39260D-05
146	-3.34610D-04	-6.12123D-05	2.24257D-04	9.84070D-06	1.30563D-05	5.17706D-05
147	7.86431D-04	-1.60947D-05	5.68610D-05	-1.23866D-05	1.41301D-05	2.09670D-05
148	7.58278D-04	-5.93988D-06	2.80041D-05	-1.45776D-05	1.54631D-05	1.95156D-05
149	7.19083D-04	-6.70579D-07	-1.07092D-05	-1.64231D-05	1.65577D-05	1.86208D-05
150	6.77793D-04	1.86241D-09	-5.20430D-05	-1.69716D-05	1.69569D-05	1.80723D-05
151	7.93563D-04	-6.57831D-07	3.60734D-05	-1.89593D-05	1.22123D-05	3.63587D-05
152	5.86640D-04	5.94653D-06	-1.43237D-04	-1.69706D-05	1.69024D-05	1.80733D-05
153	1.06003D-03	-6.31681D-07	1.47932D-04	-2.20455D-05	3.31455D-06	5.87644D-05
154	1.29037D-03	6.74710D-05	2.30166D-04	-2.22068D-05	2.65551D-06	6.00350D-05
155	1.93808D-05	4.07334D-09	2.30786D-04	-8.53653D-07	-9.18440D-06	-3.21656D-06
156	-1.24021D-04	7.25889D-05	9.52020D-05	7.75933D-07	-1.65421D-06	-6.20589D-07
157	-1.34210D-04	5.70572D-05	8.79080D-05	1.81288D-06	1.25918D-07	7.17827D-07
158	-1.81810D-04	5.62745D-05	1.60369D-04	2.67112D-06	1.42031D-08	1.73788D-06
159	-1.17869D-04	2.05052D-05	1.04123D-04	1.73956D-06	1.63080D-06	6.30884D-07
160	-8.13470D-05	-6.78482D-10	1.41823D-04	1.60365D-06	4.63745D-06	4.58051D-07
161	2.51494D-04	-5.36319D-05	5.57187D-04	7.18312D-07	5.08049D-06	-6.15178D-07
162	2.24287D-04	-1.02857D-09	4.64120D-04	3.08784D-07	-6.20482D-06	-5.01403D-07
163	1.82235D-04	2.33498D-06	3.51472D-04	3.92849D-07	-7.26666D-06	-1.56673D-07
164	1.54996D-04	9.91751D-07	2.70276D-04	4.37908D-07	-7.59448D-06	3.93248D-08
165	4.54742D-05	-2.81836D-05	-1.91796D-04	4.96201D-07	-5.62481D-06	3.65131D-07
166	-4.80524D-03	-1.10309D-02	-2.29472D-03	-1.61837D-04	1.69725D-04	-2.65727D-04
167	-3.82213D-04	-1.09522D-02	-5.09793D-03	-1.70397D-04	1.79449D-04	-2.56697D-04
168	-2.64700D-03	-8.79971D-03	-1.97176D-03	-1.61961D-04	1.84894D-04	-2.48751D-04
169	-2.11991D-03	-5.71388D-03	4.50531D-04	-1.31854D-04	1.40976D-04	-1.83330D-04
170	-1.87529D-03	-8.59567D-04	1.42288D-03	-6.09897D-05	-4.73975D-05	-6.09745D-05
171	-2.24685D-03	-8.59984D-04	1.76725D-03	-1.38111D-04	-4.73975D-05	-1.52835D-04
172	-2.73834D-03	-8.60311D-04	2.20624D-03	-1.81323D-04	-4.73975D-05	-2.04279D-04
173	-3.80990D-03	-8.60471D-04	3.15622D-03	-1.86744D-04	-4.73975D-05	-2.10726D-04
174	-5.24882D-03	-8.60503D-04	4.43082D-03	-1.89696D-04	-4.73975D-05	-2.14188D-04
175	-1.94109D-03	-4.81984D-04	1.07969D-03	-5.00709D-05	-5.99829D-05	-4.65024D-05

176	-1.39376D-03	-4.24348D-04	1.70491D-08	-1.08131D-05	-7.52891D-06	7.04628D-05
177	-6.05859D-05	1.69314D-10	1.39539D-04	-4.47114D-05	-4.86283D-06	-6.36056D-05
178	-6.68225D-05	2.33106D-03	4.38480D-10	-1.11108D-05	2.28395D-06	2.10645D-05
179	3.35266D-05	-1.90516D-09	-7.47317D-05	3.47691D-05	-2.61908D-06	-8.24381D-06
180	8.39473D-06	-2.05617D-04	-2.48702D-05	2.60657D-05	-1.19095D-08	1.19197D-05
181	8.64883D-06	-2.31741D-04	-2.82771D-05	2.65818D-05	-5.50049D-07	9.57114D-06
182	6.11188D-05	9.08431D-05	-1.68128D-04	2.53525D-05	-1.17047D-06	7.18229D-06
183	6.36903D-05	9.39792D-05	-1.75482D-04	2.52544D-05	-1.14443D-06	7.42249D-06
184	1.65210D-05	9.50437D-05	1.61657D-05	2.71952D-05	-1.80872D-06	6.13795D-06
185	6.98895D-05	9.14689D-05	-1.94087D-04	2.43716D-05	-1.06212D-06	8.41241D-06
186	-8.35904D-05	-4.49312D-05	-6.53808D-05	1.30397D-05	3.06223D-06	2.37566D-05
187	-1.08181D-04	-1.14620D-04	-4.32040D-05	1.23542D-05	3.00497D-06	2.47078D-05
188	-1.30700D-04	-1.91011D-04	-2.34215D-05	1.16943D-05	2.86132D-06	2.56151D-05
189	-1.98685D-04	-4.09428D-04	8.54492D-05	1.62726D-05	-2.53549D-06	2.42549D-05
190	2.98867D-05	-5.20428D-10	-3.36405D-09	1.88926D-07	3.61134D-06	-2.87359D-07
191	2.95036D-05	-2.52384D-10	-3.29155D-05	-1.87931D-07	-1.70801D-06	-4.28084D-07
192	2.94396D-05	2.79321D-06	-4.39692D-05	-2.02856D-07	-1.65551D-06	-5.22142D-07
193	3.67643D-05	8.67666D-06	-6.04297D-05	5.33898D-07	-1.30534D-06	-7.73300D-07
194	-8.27364D-05	6.20976D-05	-2.65225D-05	1.20302D-06	1.54132D-06	-6.43995D-07
195	-2.24843D-05	1.79966D-05	-7.41169D-06	9.21234D-07	1.13796D-06	-1.60669D-07
196	3.49790D-05	3.99217D-06	1.74863D-04	9.33150D-07	1.55799D-06	1.58479D-06
197	6.88590D-06	4.48803D-06	1.92148D-04	1.05229D-06	1.58712D-06	1.62666D-06
198	1.07628D-05	1.28866D-05	1.76716D-04	5.03582D-07	1.56925D-06	1.76573D-06
199	1.12466D-04	-1.57145D-04	3.43904D-05	-7.49851D-07	-7.14741D-06	9.13567D-06
200	1.35013D-04	-3.13239D-04	-4.02041D-05	1.99631D-06	-1.84443D-06	8.68354D-06
201	1.63795D-04	-3.13306D-04	-5.04064D-05	3.87972D-06	-2.24066D-06	8.81415D-06
202	1.82161D-04	-3.13345D-04	-5.93777D-05	4.62322D-06	-2.48746D-06	9.08175D-06
203	2.23468D-04	-3.45020D-04	-9.02085D-05	5.59072D-06	-2.50124D-06	1.00870D-05
204	2.26767D-04	-4.00478D-04	-1.01347D-04	7.14142D-06	8.71924D-08	7.86709D-06
205	2.23811D-04	-4.33229D-04	-9.25486D-05	7.56102D-06	1.97891D-06	8.97700D-06
206	1.31998D-04	-4.32808D-04	-3.14473D-05	5.24607D-06	2.41198D-06	6.65159D-06
207	7.45677D-05	-4.97584D-04	1.52648D-04	1.17545D-05	6.10918D-06	2.85425D-06
208	-5.11644D-05	2.81786D-10	5.47176D-04	2.71559D-05	-3.99696D-07	1.88789D-07
209	8.67269D-03	-2.22174D-02	-2.43575D-02	5.44810D-04	6.93719D-04	-1.68768D-03
210	2.80374D-03	-2.32310D-02	-2.67830D-02	5.77730D-04	7.48686D-04	-1.67994D-03
211	4.16074D-02	-2.48182D-02	-1.58181D-02	5.37444D-04	7.51619D-04	-1.79052D-03
212	-3.81008D-03	-2.34534D-02	-2.94539D-02	6.27358D-04	8.00107D-04	-1.56289D-03
213	-4.48172D-02	-2.61943D-07	-4.59443D-02	4.66490D-04	1.01119D-03	4.60345D-04
214	1.37609D-01	7.40895D-07	-2.77947D-01	-4.40515D-03	-1.19697D-03	-2.35901D-03
215	5.97856D-02	-3.30489D-02	-2.38710D-01	4.05594D-03	1.56398D-03	9.62670D-04
216	4.77844D-02	-4.73537D-03	-2.37302D-01	3.18095D-03	2.86907D-04	2.27383D-04
217	4.90148D-02	2.15082D-02	-2.23198D-01	1.71682D-03	-1.34332D-03	1.79292D-03
218	1.45755D-01	1.03912D-01	-5.95110D-06	-2.99059D-03	-9.70097D-03	2.25657D-03
219	1.67315D-01	1.07970D-01	4.14589D-02	1.33653D-03	-6.14995D-03	-2.11987D-03
220	1.63012D-01	1.07991D-01	3.87319D-02	1.35352D-03	-6.12768D-03	-2.15342D-03
221	1.63740D-01	9.66675D-02	7.17215D-02	1.35353D-03	-6.12934D-03	-2.15119D-03
222	1.58591D-01	1.08007D-01	3.59501D-02	1.36960D-03	-6.10382D-03	-2.18754D-03
223	1.13523D-01	1.08430D-01	9.01953D-03	1.71482D-03	-5.34299D-03	-3.03213D-03
224	1.07345D-01	1.08443D-01	5.52299D-03	1.72038D-03	-5.31913D-03	-3.05083D-03
225	1.07663D-01	9.23155D-02	3.39917D-02	1.72042D-03	-5.31994D-03	-3.04875D-03
226	1.01096D-01	1.08450D-01	2.00641D-03	1.72463D-03	-5.29449D-03	-3.06889D-03
227	-1.58801D-03	1.80721D-02	1.58794D-02	1.27994D-03	2.11183D-05	-2.69969D-04
228	4.64583D-02	3.99750D-06	-2.29292D-01	3.49691D-03	9.15813D-04	-1.19145D-03
229	3.45740D-02	1.60312D-02	-2.43838D-01	3.33362D-03	1.75297D-03	-1.59291D-03
230	2.86746D-02	1.60694D-02	-2.56833D-01	2.87583D-03	2.04394D-03	-1.40779D-03
231	4.35035D-06	9.82536D-02	-1.04615D-06	4.92836D-03	3.87740D-03	2.36263D-03
232	2.07369D-02	1.05760D-01	1.82904D-01	-5.93423D-03	1.62929D-03	-4.59084D-04
233	2.16406D-02	1.05757D-01	1.70854D-01	-5.96877D-03	1.62482D-03	-4.52668D-04
234	3.03783D-02	1.38410D-01	1.72846D-01	-5.97190D-03	1.62564D-03	-4.52773D-04
235	2.25224D-02	1.05747D-01	1.58688D-01	-5.99767D-03	1.61958D-03	-4.46418D-04

236	-4.07416D-08	1.69138D-02	1.99769D-07	-5.53562D-03	9.87274D-03	-2.86939D-04
237	-3.14259D-04	1.69199D-02	5.67325D-03	-5.55012D-03	9.94548D-03	-3.07811D-04
238	-2.25593D-03	1.69301D-02	3.91383D-02	-5.51950D-03	1.00393D-02	-3.28356D-04
239	-2.25702D-03	1.90871D-02	1.02863D-01	-5.51950D-03	1.00922D-02	-3.38162D-04
240	-4.22874D-03	1.69313D-02	7.20184D-02	-5.45253D-03	1.00022D-02	-3.20340D-04
241	-3.89874D-03	-1.06957D-04	-4.47809D-03	-1.25752D-03	7.80071D-04	8.30831D-04
242	-9.80391D-04	1.53154D-03	-4.90121D-04	-6.82990D-04	1.49638D-04	4.03926D-04
243	-9.99866D-04	-1.73017D-03	7.25702D-04	-6.79634D-04	1.55720D-04	4.01335D-04
244	-9.78552D-04	2.38548D-03	-7.66243D-05	1.77999D-04	7.40115D-05	-6.88450D-05
245	-5.00836D-04	1.22785D-03	-5.22905D-05	1.68593D-04	6.92515D-05	-4.92781D-05
246	-1.91270D-04	1.22844D-03	1.01455D-03	1.69114D-04	6.92515D-05	-4.91799D-05
247	-9.88523D-05	2.44554D-04	-2.84240D-05	1.18715D-04	4.85808D-05	-2.99545D-05
248	-2.59192D-04	-2.47643D-03	6.19843D-05	1.85624D-04	-2.94592D-05	-7.29733D-05
249	-1.09257D-04	-1.27270D-03	4.29242D-05	1.75266D-04	-2.07730D-05	-5.26226D-05
250	2.23301D-04	-1.27331D-03	1.15244D-03	1.75858D-04	-2.07730D-05	-5.27375D-05
251	-1.10025D-05	-2.52526D-04	2.33326D-05	1.23219D-04	-1.24415D-05	-3.19875D-05
252	-2.05434D-06	1.32731D-05	1.71488D-04	-1.26754D-06	6.31658D-07	2.87707D-06

E I G E N S O L U T I O N T I M E L O G

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EIGENSOLUTION =  333.99
PRINTING      =    6.44
```

R E S P O N S E S P E C T R U M A N A L Y S I S

REQUIRED BLANK COMMON FOR THIS STEP= 20461

R E S P O N S E C O M B I N A T I O N M E T H O D S

```
   U = RESPONSE (FORCE, MOMENT, TRANSLATION, ETC.
UIXX = RESPONSE IN I(TH) MODE, X EARTHQUAKE DIRECTION, X SPECTRUM INPUT
UIXY =     "     "   "    "    "      "         "      Y    "      "
  .                                  .                    .
  .                                  .                    .
  .                                  .                    .
UIZZ =     "     "   "    "  , Z    "         "      Z    "      "
```

```
KIND=1: (ORIGINAL SAPIV  PROCEDURE)
        UI = UIXX + UIYY + UIZZ
         U = SQRT(U1**2 + U2**2 + ... + UN**2),  N = NO. OF MODES

KIND=2: (NRC REG. GUIDE 1.92)
        UXX =SQRT(U1XX**2 + U2XX**2 +... + (UJXX + UKXX)**2 + ... + UNXX**2)
               (ASSUMES MODES J & K ARE WITHIN CLUSTER FACTOR DISTANCE)
        UYY, UZZ FOUND SIMILARLY
          U = SQRT(UXX**2 + UYY**2 + UZZ**2)

KIND=3: (MODIFIED          PROCEDURE)
        UXX, UYY, UZZ FOUND AS IN KIND=2
          U = UXX + UYY + UZZ
```

NOTE: ALL SUMS IN THE ABOVE EQUATIONS ARE SUMS OF ABSOLUTE VALUES
IF KIND IS PREFIXED WITH A MINUS SIGN, MODAL AFFECTS ARE PRINTED.

```
CASE  1
*******

DIRECTION FACTORS

        X =    1.0000    Y =    1.0000    Z =    1.0000

INDICATOR FOR DISPLACEMENT OR ACCELERATION SPECTRUM =      2

EQ.0  DISPLACEMENT
EQ.1 ACCELERATION IN IN./SEC.**2
EQ.2 ACCELERATION IN G'S

  3 SPECTRA ARE ENTERED FOR CASE   1. KIND= 2

CLUSTER FACTOR, CF = 0.10000
```

MODAL PARTICIPATION FACTORS

MODE	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	0.3175D+01	0.1944D-01	0.1704D+01
2	0.3849D+00	0.4670D+00	-0.7405D-01
3	-0.4986D+00	0.8291D-01	0.9612D+00
4	0.2206D+01	-0.5892D-01	0.8438D+01
5	0.2814D+01	0.7482D-02	0.2533D+01
6	-0.3729D+01	-0.1937D+00	0.1508D+01
7	0.2975D+01	0.3537D-01	-0.1182D+01
8	-0.6396D+01	-0.8164D-01	0.4195D+01
9	-0.1497D+01	-0.8017D-02	0.2161D+00
10	0.3829D+01	0.2447D+00	-0.1551D+01
11	0.2311D+01	-0.3696D+00	0.4348D+01
12	-0.4505D+01	0.1673D+00	0.1184D+01
13	-0.3392D+01	0.2999D+00	-0.2448D+01
14	0.3426D+00	-0.4216D+00	-0.2766D+00
15	0.1341D+01	0.5139D+00	-0.1144D+01
16	-0.7201D-01	0.9504D+00	-0.7507D+00
17	-0.1367D+00	-0.3261D-01	0.1698D+00
18	-0.8480D+00	-0.1663D+00	0.1118D+01
19	-0.1520D+00	-0.1422D+01	0.5207D-01
20	0.1441D+01	-0.1238D+00	-0.4051D+00
21	-0.2946D+00	-0.8501D+00	0.5440D+00
22	0.1268D+01	0.1671D+00	0.2639D+01
23	0.4834D+00	0.4030D+00	-0.2222D+01
24	0.5613D+00	-0.1903D+01	-0.6203D+00
25	0.4200D+00	0.1340D+01	0.9669D+00
26	-0.1002D+00	-0.2439D+00	-0.1966D+01
27	-0.4705D+00	0.1369D+01	-0.3658D-01
28	0.1498D+00	-0.1010D+01	0.5014D+00

29	-0.2003D+00	-0.4831D+00	-0.1087D+01
30	0.1437D+01	-0.1037D+01	0.4703D+00
31	-0.2134D+00	-0.2543D+01	-0.9466D-01
32	0.2257D+01	0.1135D+01	-0.1166D+01
33	0.2214D+01	0.2224D+00	-0.1087D+01
34	0.6747D+00	0.1433D+01	0.1817D+01
35	0.1543D+00	0.4604D+00	-0.1415D+01
36	-0.6549D+00	0.7981D-01	0.2158D+00
37	0.4972D+00	-0.2014D+01	-0.6451D+00
38	0.3780D+00	-0.1948D+01	-0.7634D+00
39	0.5340D+00	-0.9763D+00	-0.7184D+00
40	-0.2023D+00	0.2934D+01	0.6575D+00
41	-0.8740D-01	0.2039D+01	0.3636D+00
42	0.1846D+00	0.2798D+00	0.1683D+00
43	-0.7819D+00	-0.1369D+01	-0.8060D+00
44	0.1089D+01	0.1478D+01	-0.9263D+00
45	0.4887D+00	-0.1302D+01	-0.2380D+00
46	-0.4534D+00	0.1366D+01	-0.3909D+00
47	0.1793D+01	-0.1605D+01	-0.6705D+00
48	-0.1835D+00	-0.1936D+01	0.1591D+00
49	-0.1184D+00	-0.1861D+01	-0.7892D-02
50	0.1351D+01	0.1005D+01	-0.4688D+00

SPECTRUM TABLE (BELLEFONTE**1/2 SSE X HOT LEG** IDENT # 1)

NUMBER OF POINTS = 15
SCALE FACTOR = 0.10000D+01

INPUT POINT	PERIOD	SPECTRUM VALUE
1	0.2000D-01	0.5600D+00
2	0.2450D-01	0.8500D+00
3	0.3040D-01	0.8500D+00
4	0.3320D-01	0.7100D+00
5	0.3850D-01	0.7100D+00
6	0.5260D-01	0.1400D+01
7	0.6170D-01	0.2990D+01

8	0.1190D+00	0.2990D+01
9	0.1220D+00	0.1630D+01
10	0.1330D+00	0.2820D+01
11	0.1623D+00	0.2820D+01
12	0.1887D+00	0.1320D+01
13	0.3247D+00	0.9500D+00
14	0.4000D+00	0.9500D+00
15	0.1266D+01	0.3600D+00

SPECTRUM TABLE (BELLEFONTE**1/2 SSE Y HOT LEG** IDENT # 2)

NUMBER OF POINTS = 15
SCALE FACTOR = 0.10000D+01

INPUT POINT	PERIOD	SPECTRUM VALUE
1	0.2960D-01	0.5900D+00
2	0.4100D-01	0.8400D+00
3	0.5050D-01	0.2630D+01
4	0.5850D-01	0.2630D+01
5	0.6110D-01	0.4820D+01
6	0.7460D-01	0.4820D+01
7	0.9520D-01	0.1700D+01
8	0.9670D-01	0.2290D+01
9	0.1182D+00	0.2290D+01
10	0.1250D+00	0.1750D+01
11	0.1350D+00	0.2010D+01
12	0.1587D+00	0.2010D+01
13	0.1927D+00	0.9800D+00
14	0.3497D+00	0.8000D+00
15	0.1613D+01	0.1900D+00

SPECTRUM TABLE (BELLEFONTE**1/2 SSE Z HOT LEG** IDENT # 3)

NUMBER OF POINTS = 17
SCALE FACTOR = 0.10000D+01

INPUT POINT	PERIOD	SPECTRUM VALUE
1	0.2000D-01	0.2900D+00
2	0.3210D-01	0.2900D+00
3	0.3700D-01	0.3800D+00
4	0.4520D-01	0.3800D+00
5	0.5000D-01	0.5000D+00
6	0.6210D-01	0.5000D+00
7	0.7050D-01	0.1300D+01
8	0.8620D-01	0.1300D+01
9	0.9990D-01	0.8600D+00
10	0.1170D+00	0.8600D+00
11	0.1242D+00	0.7600D+00
12	0.1493D+00	0.1020D+01
13	0.2941D+00	0.1020D+01
14	0.3704D+00	0.8900D+00
15	0.4545D+00	0.8900D+00
16	0.5405D+00	0.8400D+00
17	0.2000D+01	0.1900D+00

CLUSTERING. +1 MEANS MODE I CLOSE TO I+1. -1, NOT.

```
-1.  1.  1. -1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.
 1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  0.
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REQUIRED BLANK COMMON FOR THIS STEP= 82000

NODE DISPLACEMENTS/ROTATIONS

NODE NUMBER	MODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
1	TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
2	TOTAL..	1.78294D-01	1.25142D-01	4.73936D-02	1.93067D-03	2.61642D-03	2.28612D-03
3	TOTAL..	2.31494D-01	1.86272D-01	8.80519D-02	9.48393D-03	3.45506D-03	6.10411D-03
4	TOTAL..	2.92831D-01	1.86181D-01	2.60231D-01	9.74030D-03	3.58313D-03	6.35607D-03
5	TOTAL..	3.83903D-01	1.71639D-01	4.14304D-01	9.37973D-03	3.28735D-03	7.35783D-03
6	TOTAL..	4.42581D-01	7.77707D-02	4.91754D-01	8.47013D-03	1.49075D-03	7.89593D-03
7	TOTAL..	4.44678D-01	1.23078D-01	4.75570D-01	8.03460D-03	1.67777D-03	7.44650D-03
8	TOTAL..	2.12260D-01	3.25020D-01	1.95090D-01	7.06733D-03	4.37145D-03	5.30025D-03
9	TOTAL..	1.96891D-01	6.23285D-02	2.57333D-01	6.83176D-03	1.89427D-03	6.17599D-03
10	TOTAL..	2.02621D-01	1.61275D-06	2.67649D-01	5.71807D-03	1.62493D-03	5.62557D-03
11	TOTAL..	2.09597D-01	1.27675D-01	2.62797D-01	1.44119D-03	1.45708D-03	2.59693D-03
12	TOTAL..	1.68791D-01	3.66660D-06	2.62381D-01	1.67420D-03	1.89684D-03	1.41756D-03
13	TOTAL..	1.71163D-01	1.29870D-02	2.44593D-01	1.24992D-03	1.96910D-03	7.15469D-04
14	TOTAL..	1.70916D-01	2.17686D-02	1.88984D-01	6.84092D-04	9.47321D-04	6.53199D-04
15	TOTAL..	7.32569D-02	3.21895D-02	1.88314D-01	3.02518D-04	1.79568D-03	7.35196D-04
16	TOTAL..	5.43573D-02	1.10842D-02	1.58080D-01	3.74046D-04	1.90514D-03	7.42476D-04
17	TOTAL..	5.33300D-02	3.99664D-02	9.11302D-02	3.77732D-04	9.62023D-04	3.06626D-04
18	TOTAL..	4.84244D-02	4.33783D-02	7.98994D-02	3.73368D-04	9.70205D-04	1.08454D-04
19	TOTAL..	3.87794D-02	4.43927D-02	6.91491D-02	3.69698D-04	9.40346D-04	1.06267D-04

20 TOTAL..	3.41368D-02	4.21734D-02	5.58525D-02	3.41087D-04	8.48591D-04	3.03923D-04
21 TOTAL..	3.34040D-02	1.64192D-02	1.59805D-02	2.88608D-04	5.88027D-04	6.27037D-04
22 TOTAL..	1.69968D-02	1.29245D-03	3.61273D-03	1.63674D-04	2.01269D-04	6.93872D-04
23 TOTAL..	2.17488D-09	2.94714D-10	4.15861D-10	2.12838D-08	2.55882D-08	9.42420D-08
24 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
25 TOTAL..	1.68995D-01	3.11444D-02	5.35080D-02	9.68134D-04	2.70705D-03	1.55754D-03
26 TOTAL..	2.62588D-01	4.31053D-02	1.05150D-01	2.51859D-03	2.51901D-03	2.26641D-03
27 TOTAL..	2.86471D-01	4.30938D-02	1.30650D-01	2.54763D-03	2.35804D-03	2.27006D-03
28 TOTAL..	3.20777D-01	1.57394D-02	1.97301D-01	1.85652D-03	2.73541D-04	6.42422D-04
29 TOTAL..	3.20848D-01	9.05197D-03	1.96762D-01	1.81702D-03	2.76440D-04	5.50479D-04
30 TOTAL..	3.18173D-01	2.40773D-02	1.04313D-01	2.30135D-03	7.67846D-04	2.22135D-04
31 TOTAL..	3.04296D-01	3.44930D-03	2.44604D-01	3.02420D-03	2.69374D-03	2.58251D-03
32 TOTAL..	2.31998D-01	8.70245D-03	2.17529D-01	7.49139D-04	3.56896D-03	2.07607D-03
33 TOTAL..	1.79531D-01	1.50893D-02	2.12212D-01	5.80247D-04	2.75442D-03	1.77087D-03
34 TOTAL..	2.16700D-01	8.14914D-02	1.81478D-01	9.48558D-04	1.69530D-03	2.05886D-03
35 TOTAL..	2.15784D-01	7.82447D-02	1.88499D-01	1.18968D-03	8.91641D-04	1.98513D-03
36 TOTAL..	4.33653D-01	1.28437D-01	4.95570D-01	8.21980D-03	1.54124D-03	6.45239D-03
37 TOTAL..	4.37519D-01	1.87119D-01	5.26088D-01	1.59869D-03	2.28204D-03	2.44414D-03
38 TOTAL..	1.21064D-01	1.89352D-01	3.18367D-02	7.16432D-03	2.29355D-03	2.20460D-03
39 TOTAL..	9.93052D-02	6.46627D-02	8.62263D-02	7.38545D-03	1.24418D-03	3.54908D-03

40 TOTAL..	5.03455D-02	9.86846D-02	2.37102D-02	7.86856D-03	1.25120D-03	5.61274D-03
41 TOTAL..	1.47648D-02	9.87078D-02	3.14514D-02	7.82580D-03	1.26577D-03	5.47465D-03
42 TOTAL..	3.18480D-02	8.26786D-02	9.88818D-02	6.91266D-03	1.54278D-03	4.44703D-03
43 TOTAL..	3.55228D-02	1.33321D-01	9.89278D-02	6.73475D-03	1.45922D-03	4.00433D-03
44 TOTAL..	4.01808D-02	1.56254D-01	9.24423D-02	6.40233D-03	8.50055D-04	3.44594D-03
45 TOTAL..	4.07633D-02	3.18433D-01	1.31851D-01	4.80266D-03	1.88850D-03	1.18611D-03
46 TOTAL..	4.14177D-02	3.16055D-01	1.36354D-01	4.85318D-03	1.74148D-03	1.35114D-03
47 TOTAL..	1.74847D-02	5.78573D-02	4.57612D-02	2.10800D-03	8.22315D-04	2.45926D-03
48 TOTAL..	1.44691D-02	6.27850D-02	4.06874D-02	2.22244D-03	6.14219D-04	1.89294D-03
49 TOTAL..	1.75400D-02	2.38518D-02	1.16893D-02	7.06671D-04	1.51319D-04	9.99250D-04
50 TOTAL..	7.82895D-03	9.98270D-03	9.53596D-03	4.60924D-04	6.03123D-04	6.38754D-04
51 TOTAL..	5.59473D-03	5.87713D-03	6.76298D-03	4.72742D-04	5.88944D-04	6.08881D-04
52 TOTAL..	8.71014D-05	7.91990D-06	9.72349D-05	9.12900D-06	4.87060D-05	1.46446D-05
53 TOTAL..	1.22201D-10	6.61104D-11	1.26146D-10	1.26050D-09	4.22099D-09	1.71569D-09
54 TOTAL..	1.08641D-01	9.51927D-03	6.07951D-02	3.30298D-03	3.60282D-03	4.11040D-03
55 TOTAL..	2.73876D-02	9.62817D-02	7.54348D-02	2.91662D-03	3.09103D-03	3.05476D-03
56 TOTAL..	4.55253D-02	1.18320D-01	5.18843D-02	1.85909D-03	4.40895D-03	1.89328D-03
57 TOTAL..	8.63310D-02	6.22162D-03	1.28060D-01	2.94742D-03	2.30591D-03	1.90906D-03
58 TOTAL..	6.05218D-02	2.14938D-02	9.47503D-02	2.38852D-03	1.19192D-03	2.87608D-03
59 TOTAL..	2.25215D-02	2.28098D-02	6.32039D-02	2.20044D-03	7.96517D-04	2.73308D-03

60 TOTAL..	3.20677D-01	6.25116D-02	3.36775D-01	7.89622D-03	2.17037D-03	8.21038D-03
61 TOTAL..	4.74505D-01	3.91296D-02	4.11896D-01	5.01002D-03	6.59353D-03	1.21921D-02
62 TOTAL..	6.56850D-01	9.50197D-03	4.70988D-01	4.25767D-03	8.93341D-03	9.09202D-03
63 TOTAL..	7.01928D-01	5.32182D-02	4.78798D-01	6.65212D-03	8.27957D-03	3.81416D-03
64 TOTAL..	7.02244D-01	1.84166D-01	8.29176D-01	7.07617D-03	7.20403D-03	1.00997D-03
65 TOTAL..	7.15229D-01	1.22424D-01	7.85126D-01	8.68102D-03	4.22266D-03	1.09600D-02
66 TOTAL..	8.35991D-01	1.22359D-01	5.97094D-01	8.32017D-03	3.48725D-03	1.14190D-02
67 TOTAL..	8.85063D-01	1.35088D-02	5.29315D-01	3.31168D-03	4.58642D-03	6.38443D-03
68 TOTAL..	1.30933D-01	2.41624D-01	1.05799D-01	2.83569D-03	4.72211D-03	2.18708D-03
69 TOTAL..	1.04139D-01	2.16230D-01	1.02502D-01	4.73662D-03	2.93418D-03	1.82759D-03
70 TOTAL..	1.66484D-02	3.21377D-02	1.01448D-01	5.08914D-03	1.73135D-03	1.48045D-03
71 TOTAL..	1.74497D-02	7.08722D-02	1.02437D-01	5.61777D-03	2.43392D-03	1.88724D-03
72 TOTAL..	3.36462D-02	7.97692D-02	3.61569D-02	5.92531D-03	2.36207D-03	1.79214D-03
73 TOTAL..	1.98115D-01	8.05007D-02	5.54169D-01	3.90025D-03	4.77250D-03	1.26025D-03
74 TOTAL..	1.67041D-01	6.44069D-02	4.78181D-01	7.49012D-04	7.35431D-03	8.05285D-04
75 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
76 TOTAL..	1.62497D-02	7.19938D-03	5.05882D-02	4.17346D-03	1.84436D-03	8.44698D-04
77 TOTAL..	1.59099D-02	2.30066D-02	3.02727D-02	3.52649D-03	1.94957D-03	5.10232D-04
78 TOTAL..	2.15550D-03	2.42041D-02	4.15276D-03	1.42013D-03	2.87885D-03	6.60906D-04
79 TOTAL..	2.42655D-02	2.11262D-02	2.11448D-02	9.75305D-04	1.27640D-03	4.58987D-04

80 TOTAL..	1.48873D-03	2.94803D-03	7.40571D-05	2.46551D-04	1.55425D-04	8.94931D-05
81 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
82 TOTAL..	2.99658D-03	7.20272D-03	1.42024D-02	9.79024D-04	5.07747D-04	1.96621D-04
83 TOTAL..	3.51133D-03	6.37093D-03	1.84031D-02	4.73134D-04	3.00236D-04	2.48691D-04
84 TOTAL..	4.30122D-03	1.74956D-03	1.71418D-02	2.03906D-04	2.94600D-04	2.61570D-04
85 TOTAL..	3.67347D-03	4.05956D-04	1.60277D-02	2.85723D-04	3.02173D-04	1.29889D-04
86 TOTAL..	1.12077D-04	3.53869D-04	1.08243D-04	1.79714D-04	1.47807D-05	3.81889D-05
87 TOTAL..	9.53001D-05	3.15162D-04	1.93819D-05	9.24501D-05	1.07154D-05	2.44418D-05
88 TOTAL..	6.25800D-05	2.54542D-04	2.57641D-06	1.65296D-05	5.18911D-06	2.53671D-05
89 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
90 TOTAL..	8.45730D-05	3.18087D-04	4.06511D-05	8.99128D-05	1.79151D-05	2.62103D-05
91 TOTAL..	5.32321D-05	2.11872D-04	7.32170D-06	1.66542D-05	4.30844D-06	2.64214D-05
92 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
93 TOTAL..	2.68509D-02	1.50216D-02	7.07429D-03	7.69569D-04	1.46177D-03	6.95446D-04
94 TOTAL..	1.27296D-01	8.30188D-02	3.38022D-02	1.60069D-03	2.52578D-03	1.79180D-03
95 TOTAL..	4.38004D-01	1.20837D-01	4.86956D-01	8.59515D-03	1.70354D-03	7.94602D-03
96 TOTAL..	4.37063D-01	7.00055D-02	4.93790D-01	8.43347D-03	1.53180D-03	7.03716D-03
97 TOTAL..	4.45570D-01	3.41785D-02	4.94453D-01	8.36596D-03	1.18865D-03	7.86135D-03
98 TOTAL..	4.47582D-01	8.52423D-07	4.94406D-01	8.29477D-03	9.17008D-04	7.80854D-03
99 TOTAL..	1.68581D-01	2.57969D-01	1.83049D-01	7.34515D-03	3.77843D-03	5.10897D-03

100 TOTAL..	1.75886D-01	1.97195D-01	2.11968D-01	7.31222D-03	3.04649D-03	5.33900D-03
101 TOTAL..	1.91898D-01	1.00742D-01	2.47345D-01	7.00139D-03	2.18354D-03	5.89652D-03
102 TOTAL..	2.00592D-01	2.34938D-02	2.64434D-01	6.17334D-03	1.73258D-03	5.85192D-03
103 TOTAL..	2.47399D-01	6.24143D-02	2.82031D-01	7.51866D-03	1.88291D-03	7.27748D-03
104 TOTAL..	2.06151D-01	1.14195D-01	2.62884D-01	1.78138D-03	1.64764D-03	2.52024D-03
105 TOTAL..	1.92512D-01	7.47611D-02	2.62935D-01	1.97381D-03	1.75461D-03	2.47732D-03
106 TOTAL..	2.59393D-01	7.54794D-02	2.94550D-01	2.10693D-03	1.74893D-03	2.67286D-03
107 TOTAL..	1.77272D-01	3.31668D-02	2.62678D-01	1.90720D-03	1.86257D-03	2.04081D-03
108 TOTAL..	1.71193D-01	6.84746D-03	2.35788D-01	1.22844D-03	1.93581D-03	6.74465D-04
109 TOTAL..	1.69442D-01	1.09348D-02	2.35918D-01	4.69535D-04	5.34347D-03	2.04761D-02
110 TOTAL..	1.65354D-01	1.15671D-02	2.35972D-01	3.05292D-04	6.56502D-03	2.91154D-02
111 TOTAL..	1.54940D-01	1.10778D-02	2.36057D-01	4.82811D-04	7.49179D-03	4.28461D-02
112 TOTAL..	1.57595D-01	9.88461D-03	2.36124D-01	1.19480D-03	7.18384D-03	5.16965D-02
113 TOTAL..	1.73998D+00	1.08738D-01	3.36814D-01	5.72935D-03	8.13062D-03	6.70126D-02
114 TOTAL..	1.55867D-01	9.24571D-03	2.36130D-01	5.49494D-04	6.19563D-03	5.17293D-02
115 TOTAL..	1.53370D-01	7.61998D-03	2.36133D-01	7.11830D-04	5.74986D-03	5.17575D-02
116 TOTAL..	1.50245D-01	4.24947D-03	2.36138D-01	1.04634D-03	5.50973D-03	5.17937D-02
117 TOTAL..	1.47652D-01	3.35426D-07	2.36139D-01	1.16354D-03	5.43381D-03	5.17937D-02
118 TOTAL..	7.13478D-02	4.24953D-03	2.38389D-01	1.38613D-03	5.32792D-03	5.25694D-02
119 TOTAL..	1.76087D-01	8.87431D-03	2.36141D-01	1.16393D-03	5.43623D-03	5.17937D-02

120 TOTAL..	3.04213D-01	4.24963D-03	2.45834D-01	1.87454D-03	4.95589D-03	5.35519D-02
121 TOTAL..	5.03863D-01	1.91584D-03	2.52344D-01	1.90371D-03	4.92835D-03	5.36073D-02
122 TOTAL..	1.71229D-01	3.00053D-06	2.24862D-01	1.21200D-03	1.83832D-03	5.84802D-04
123 TOTAL..	1.71286D-01	1.05432D-02	2.09370D-01	1.18237D-03	1.63514D-03	5.10955D-04
124 TOTAL..	1.71362D-01	2.94864D-02	1.95322D-01	1.19604D-03	1.16338D-03	2.97356D-04
125 TOTAL..	1.71366D-01	3.11025D-02	1.96675D-01	1.22525D-03	1.08242D-03	2.57666D-04
126 TOTAL..	1.71367D-01	3.16840D-02	1.96200D-01	1.26604D-03	1.03654D-03	3.49316D-04
127 TOTAL..	1.81654D-01	3.45981D-02	2.28961D-01	1.41232D-03	1.03702D-03	4.57053D-04
128 TOTAL..	1.71151D-01	2.85154D-02	1.93951D-01	1.01181D-03	9.92417D-04	4.34900D-04
129 TOTAL..	1.71069D-01	2.67162D-02	1.92768D-01	8.92503D-04	9.74041D-04	5.05733D-04
130 TOTAL..	1.75288D-01	1.41915D-02	1.88969D-01	7.69490D-04	9.66381D-04	8.87662D-04
131 TOTAL..	1.63575D-01	2.79730D-02	1.88901D-01	4.88581D-04	9.43751D-04	6.53367D-04
132 TOTAL..	5.42029D-02	8.01311D-07	1.42633D-01	3.74338D-04	1.77489D-03	6.87183D-04
133 TOTAL..	3.39344D-02	3.67626D-02	4.33271D-02	3.22786D-04	7.93265D-04	4.07508D-04
134 TOTAL..	1.81769D-01	1.78498D-06	1.88938D-01	9.87088D-04	9.63378D-04	1.28278D-03
135 TOTAL..	1.89925D-01	1.68207D-02	1.88901D-01	1.20554D-03	9.40902D-04	1.63574D-03
136 TOTAL..	2.03074D-01	4.39880D-02	1.88854D-01	1.34174D-03	8.20515D-04	1.94039D-03
137 TOTAL..	2.50682D-01	4.97208D-02	2.22113D-01	1.48587D-03	8.29637D-04	2.08312D-03
138 TOTAL..	2.13473D-01	7.09432D-02	1.88596D-01	1.23654D-03	8.38881D-04	1.97045D-03
139 TOTAL..	2.02481D-01	4.40217D-02	1.54282D-01	7.23873D-04	2.44102D-03	2.02414D-03

140 TOTAL..	1.77428D-01	2.70787D-06	1.76760D-01	6.55499D-04	2.71452D-03	1.80166D-03
141 TOTAL..	1.76785D-01	9.01162D-03	1.97650D-01	6.27866D-04	2.77723D-03	1.75940D-03
142 TOTAL..	1.77015D-01	1.68114D-02	2.07593D-01	1.32048D-02	4.69691D-03	1.34773D-02
143 TOTAL..	1.79926D-01	1.81781D-02	2.10164D-01	1.88729D-02	5.93639D-03	1.88787D-02
144 TOTAL..	1.84651D-01	1.77593D-02	2.11886D-01	2.78543D-02	6.93006D-03	2.75333D-02
145 TOTAL..	1.98497D-01	1.39440D-02	2.11346D-01	3.36913D-02	6.70334D-03	3.31939D-02
146 TOTAL..	1.24852D+00	4.61159D-02	1.10217D+00	4.42687D-02	7.10658D-03	4.33191D-02
147 TOTAL..	2.09547D-01	9.04968D-03	2.08776D-01	3.36239D-02	6.00234D-03	3.31217D-02
148 TOTAL..	2.13180D-01	6.72014D-03	2.06927D-01	3.36589D-02	5.65852D-03	3.31555D-02
149 TOTAL..	2.16878D-01	3.48169D-03	2.04179D-01	3.37241D-02	5.43674D-03	3.32197D-02
150 TOTAL..	2.20061D-01	3.04010D-07	2.01384D-01	3.37392D-02	5.36770D-03	3.32358D-02
151 TOTAL..	1.52444D-01	3.48174D-03	1.88459D-01	3.42708D-02	5.23711D-03	3.37694D-02
152 TOTAL..	2.28019D-01	7.64252D-03	1.96187D-01	3.37394D-02	5.36981D-03	3.32359D-02
153 TOTAL..	2.08674D-01	3.48183D-03	3.12125D-01	3.49624D-02	4.83137D-03	3.44665D-02
154 TOTAL..	3.17250D-01	2.06359D-03	4.36031D-01	3.50014D-02	4.80150D-03	3.45059D-02
155 TOTAL..	2.41058D-01	2.86766D-06	2.09475D-01	1.08748D-03	3.69973D-03	2.16233D-03
156 TOTAL..	2.74862D-01	1.34920D-02	1.95761D-01	2.57360D-03	3.61249D-03	2.54799D-03
157 TOTAL..	2.89446D-01	1.14519D-02	2.15417D-01	2.99604D-03	3.34899D-03	2.72015D-03
158 TOTAL..	3.13199D-01	4.64037D-03	2.67392D-01	3.18451D-03	3.35045D-03	2.86073D-03
159 TOTAL..	3.01877D-01	4.94869D-03	2.37020D-01	3.02079D-03	2.99790D-03	2.63743D-03

160 TOTAL..	3.08004D-01	1.03151D-06	2.57669D-01	3.00864D-03	2.09833D-03	2.49090D-03
161 TOTAL..	3.08435D-01	1.03827D-02	2.50286D-01	2.78083D-03	1.80001D-03	1.88738D-03
162 TOTAL..	2.95118D-01	2.03675D-07	1.38275D-01	2.59410D-03	2.62586D-03	1.18622D-03
163 TOTAL..	2.97909D-01	4.75314D-03	1.27054D-01	2.57041D-03	2.34579D-03	1.05834D-03
164 TOTAL..	3.00258D-01	8.34286D-03	1.20388D-01	2.55303D-03	2.11005D-03	9.67408D-04
165 TOTAL..	3.14342D-01	2.52107D-02	1.18716D-01	2.43349D-03	7.72879D-04	4.32962D-04
166 TOTAL..	1.25209D-01	1.89324D-01	7.10830D-02	7.13137D-03	2.28887D-03	2.28947D-03
167 TOTAL..	1.16691D-01	1.89177D-01	6.84605D-02	7.17818D-03	2.29335D-03	2.21682D-03
168 TOTAL..	1.17592D-01	1.84312D-01	1.82725D-02	7.17150D-03	2.28694D-03	2.09139D-03
169 TOTAL..	1.12648D-01	1.68064D-01	2.39438D-02	7.22534D-03	1.95011D-03	1.25408D-03
170 TOTAL..	1.02064D-01	7.80721D-02	7.39423D-02	7.34422D-03	1.25152D-03	2.99997D-03
171 TOTAL..	9.46903D-02	7.80817D-02	5.07674D-02	7.40050D-03	1.25152D-03	2.73847D-03
172 TOTAL..	8.99539D-02	7.80893D-02	3.30913D-02	7.43775D-03	1.25152D-03	2.68586D-03
173 TOTAL..	8.23738D-02	7.80930D-02	2.65925D-02	7.44311D-03	1.25152D-03	2.68195D-03
174 TOTAL..	7.54682D-02	7.80937D-02	6.79983D-02	7.45020D-03	1.25152D-03	2.68272D-03
175 TOTAL..	1.00651D-01	6.38920D-02	8.02292D-02	7.36328D-03	1.24829D-03	3.28782D-03
176 TOTAL..	3.36744D-02	9.86950D-02	1.33098D-07	7.85646D-03	1.25632D-03	5.56732D-03
177 TOTAL..	4.03839D-02	1.49122D-07	6.38307D-02	5.59134D-03	9.20618D-04	2.75581D-03
178 TOTAL..	4.06067D-02	2.14819D-01	9.10550D-08	5.03686D-03	1.35112D-03	2.87377D-03
179 TOTAL..	6.23353D-02	1.63000D-07	2.04839D-01	3.80544D-03	9.28981D-04	3.16094D-03

180 TOTAL..	3.09254D-03	3.38621D-01	1.01796D-02	2.69296D-03	1.50937D-03	1.17571D-03
181 TOTAL..	4.75233D-03	3.30048D-01	1.55411D-02	2.60115D-03	1.37814D-03	1.84352D-03
182 TOTAL..	2.55730D-02	3.35025D-02	7.40541D-02	2.19535D-03	6.84472D-04	2.89641D-03
183 TOTAL..	2.42635D-02	2.16887D-02	6.93742D-02	2.19708D-03	7.34670D-04	2.82951D-03
184 TOTAL..	3.92849D-02	2.27859D-02	7.67887D-02	2.31773D-03	9.71340D-04	2.75329D-03
185 TOTAL..	2.05746D-02	3.61392D-02	5.65209D-02	2.16415D-03	8.24005D-04	2.62444D-03
186 TOTAL..	1.29155D-02	2.77269D-02	1.55337D-02	1.60344D-03	2.85216D-04	1.37956D-03
187 TOTAL..	1.40961D-02	2.33042D-02	1.36500D-02	1.47635D-03	2.33527D-04	1.35253D-03
188 TOTAL..	1.64302D-02	2.00270D-02	1.22987D-02	1.34140D-03	1.84850D-04	1.33879D-03
189 TOTAL..	6.64459D-03	7.92366D-03	8.15949D-03	4.66387D-04	5.97788D-04	6.23534D-04
190 TOTAL..	3.19886D-01	2.00664D-07	5.38555D-07	2.14011D-03	1.42104D-03	2.63342D-04
191 TOTAL..	3.20919D-01	2.85735D-07	1.91269D-01	1.84728D-03	5.57577D-04	4.38194D-04
192 TOTAL..	3.20897D-01	3.13003D-03	1.94000D-01	1.83603D-03	4.45408D-04	4.85465D-04
193 TOTAL..	3.20908D-01	9.09271D-03	2.03104D-01	1.26902D-03	5.09711D-04	5.76559D-04
194 TOTAL..	1.23758D-01	2.42461D-02	3.76190D-02	8.30710D-04	2.64162D-03	1.26416D-03
195 TOTAL..	3.02774D-02	6.32749D-03	9.16112D-03	4.65904D-04	1.63949D-03	5.52883D-04
196 TOTAL..	1.13240D-01	9.51315D-03	6.48457D-02	3.28921D-03	3.56811D-03	4.11327D-03
197 TOTAL..	1.13996D-01	9.01333D-03	7.97665D-02	3.31881D-03	3.60216D-03	4.12876D-03
198 TOTAL..	8.13366D-02	2.26733D-02	6.39340D-02	3.28650D-03	3.61680D-03	4.06005D-03
199 TOTAL..	5.35225D-02	1.14023D-01	1.63652D-02	1.80480D-03	4.52374D-03	1.71765D-03

200 TOTAL..	7.17779D-02	1.01478D-01	6.88665D-02	1.79737D-03	4.35054D-03	1.55651D-03
201 TOTAL..	7.30274D-02	1.01484D-01	6.74782D-02	1.81370D-03	4.39013D-03	1.70910D-03
202 TOTAL..	7.50939D-02	1.01488D-01	6.74178D-02	1.84499D-03	4.41481D-03	1.73678D-03
203 TOTAL..	8.29675D-02	9.73671D-02	8.58872D-02	1.90003D-03	4.38783D-03	1.60885D-03
204 TOTAL..	8.98084D-02	8.98172D-02	1.14668D-01	1.86387D-03	3.96278D-03	1.69170D-03
205 TOTAL..	9.51476D-02	8.22420D-02	1.38177D-01	1.85874D-03	3.68887D-03	1.76188D-03
206 TOTAL..	8.89887D-02	8.22217D-02	1.41299D-01	1.84931D-03	3.71983D-03	1.62874D-03
207 TOTAL..	1.14292D-01	4.15104D-02	2.38245D-01	2.07109D-03	1.45272D-03	1.36619D-03
208 TOTAL..	8.88248D-02	2.50649D-07	1.36058D-01	2.91947D-03	2.37499D-03	1.78024D-03
209 TOTAL..	4.69566D-01	3.00965D-02	4.21073D-01	4.99022D-03	7.55576D-03	1.26565D-02
210 TOTAL..	4.73736D-01	2.95391D-02	4.26076D-01	5.00533D-03	7.66907D-03	1.26996D-02
211 TOTAL..	7.08007D-01	2.93420D-02	4.59348D-01	5.10400D-03	7.67083D-03	1.28589D-02
212 TOTAL..	4.86206D-01	3.05457D-02	4.31743D-01	4.93036D-03	7.78186D-03	1.25659D-02
213 TOTAL..	6.15526D-01	6.51122D-07	4.64041D-01	4.30737D-03	8.97644D-03	9.62159D-03
214 TOTAL..	8.74172D-01	3.16225D-07	5.22642D-01	3.20488D-03	4.69022D-03	6.28756D-03
215 TOTAL..	3.04550D-02	6.59915D-02	1.01705D-01	5.12578D-03	2.03575D-03	1.51362D-03
216 TOTAL..	1.65257D-02	1.74346D-02	8.67702D-02	4.80274D-03	1.64364D-03	1.32728D-03
217 TOTAL..	1.66860D-02	4.80436D-02	1.14098D-01	5.31678D-03	1.75799D-03	1.56570D-03
218 TOTAL..	4.23851D-02	7.98309D-02	9.53091D-07	5.92022D-03	2.47344D-03	1.79280D-03
219 TOTAL..	1.67797D-01	8.04594D-02	4.37386D-01	4.57848D-03	4.19700D-03	1.43279D-03

220 TOTAL..	1.70201D-01	8.04623D-02	4.46475D-01	4.56107D-03	4.20851D-03	1.42828D-03
221 TOTAL..	1.71356D-01	8.30304D-02	4.26008D-01	4.56114D-03	4.20718D-03	1.42819D-03
222 TOTAL..	1.72584D-01	8.04638D-02	4.55509D-01	4.54365D-03	4.22128D-03	1.42382D-03
223 TOTAL..	1.90137D-01	8.05030D-02	5.22939D-01	4.03052D-03	4.63014D-03	1.29264D-03
224 TOTAL..	1.92179D-01	8.05040D-02	5.30887D-01	4.01592D-03	4.64304D-03	1.28888D-03
225 TOTAL..	1.93386D-01	8.20288D-02	5.07746D-01	4.01600D-03	4.64143D-03	1.28877D-03
226 TOTAL..	1.94202D-01	8.05037D-02	5.38782D-01	4.00187D-03	4.65747D-03	1.28536D-03
227 TOTAL..	8.62441D-02	3.33726D-02	2.46993D-01	5.32544D-04	6.59923D-03	7.34627D-04
228 TOTAL..	1.63518D-02	1.12780D-06	6.42799D-02	4.40391D-03	1.77613D-03	1.02653D-03
229 TOTAL..	1.48758D-02	7.20120D-03	3.40742D-02	3.52546D-03	1.77140D-03	7.01484D-04
230 TOTAL..	1.42055D-02	7.20226D-03	3.48521D-02	3.13765D-03	1.72570D-03	6.18119D-04
231 TOTAL..	5.93926D-07	2.41781D-02	4.02688D-07	1.38278D-03	2.85971D-03	6.48405D-04
232 TOTAL..	2.78955D-02	2.12131D-02	2.93272D-02	9.44619D-04	1.30811D-03	4.41103D-04
233 TOTAL..	2.70812D-02	2.12054D-02	2.74415D-02	9.48141D-04	1.30548D-03	4.43360D-04
234 TOTAL..	3.41186D-02	2.57558D-02	2.75116D-02	9.48367D-04	1.30580D-03	4.43379D-04
235 TOTAL..	2.62583D-02	2.11972D-02	2.55488D-02	9.51259D-04	1.30256D-03	4.45343D-04
236 TOTAL..	4.62051D-09	7.20539D-03	2.81314D-08	1.05511D-03	5.53291D-04	2.28997D-04
237 TOTAL..	2.27897D-04	7.20519D-03	1.04551D-03	1.03745D-03	5.43872D-04	2.22483D-04
238 TOTAL..	1.53964D-03	7.20484D-03	7.20120D-03	1.01494D-03	5.31765D-04	2.13481D-04
239 TOTAL..	1.53994D-03	6.72264D-03	6.38378D-03	1.01494D-03	5.32366D-04	2.13091D-04

240 TOTAL..	2.79499D-03	7.20351D-03	1.32200D-02	9.94026D-04	5.18213D-04	2.04181D-04
241 TOTAL..	2.80635D-04	3.58365D-04	9.82474D-04	2.33420D-04	3.94785D-05	4.35079D-05
242 TOTAL..	1.11413D-04	3.50237D-04	6.92287D-05	1.42501D-04	1.26170D-05	3.34286D-05
243 TOTAL..	1.12216D-04	3.76465D-04	1.12667D-04	1.41554D-04	4.06022D-06	3.61685D-05
244 TOTAL..	5.65840D-05	2.32269D-04	2.16692D-06	1.70157D-05	4.89425D-06	2.08319D-05
245 TOTAL..	2.76555D-05	1.21368D-04	1.47923D-06	1.62315D-05	4.15473D-06	1.49805D-05
246 TOTAL..	1.01363D-04	1.21390D-04	1.01738D-04	1.62513D-05	4.15473D-06	1.49898D-05
247 TOTAL..	4.88840D-06	2.52567D-05	8.04073D-07	1.15754D-05	2.78489D-06	9.10612D-06
248 TOTAL..	4.82640D-05	1.93421D-04	6.17103D-06	1.58260D-05	3.97996D-06	2.16982D-05
249 TOTAL..	2.42363D-05	1.01986D-04	4.23867D-06	1.35633D-05	3.49200D-06	1.56044D-05
250 TOTAL..	1.00435D-04	1.02007D-04	8.62996D-05	1.35826D-05	3.49200D-06	1.56146D-05
251 TOTAL..	4.62480D-06	2.32427D-05	2.30404D-06	9.64535D-06	2.38551D-06	9.48538D-06
252 TOTAL..	5.08267D-02	4.91079D-02	6.77158D-02	3.16927D-03	3.43353D-03	3.70284D-03
253 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
254 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
255 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
256 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
257 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
258 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
259 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0

260 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
261 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
262 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
263 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
264 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
265 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
266 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
267 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
268 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
269 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
270 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
271 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
272 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
273 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
274 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
275 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
276 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
277 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
278 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
279 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0

280 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
281 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
282 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
283 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
284 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
285 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
286 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
287 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
288 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
289 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
290 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
291 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
292 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
293 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
294 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
295 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
296 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
297 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
298 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
299 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0

300 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
301 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
302 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
303 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
304 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
305 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
306 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
307 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
308 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
309 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
310 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
311 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0

REQUIRED BLANK COMMON FOR THIS STEP= 78373

R E S P O N S E S P E C T R U M S T R E S S C O M P O N E N T S (KIND = 2)

OR EACH ELEMENT, THE FOLLOWING INFORMATION IS PRINTED:

1. FOR EACH EARTH QUAKE DIRECTION; THE NUMBER OF THE MODE WITH THE LARGEST STRESS.
2. THE VALUE OF THAT STRESS.
3. IF REQUESTED; THE MODE BY MODE STRESSES FOR EACH EARTH QUAKE DIRECTION.
4. THE RESULTANT FOR EACH EARTH QUAKE DIRECTION.
5. THE GRAND TOTAL OF THE THREE EARTH QUAKE DIRECTIONS.

**(NOTE: THE X, Y, OR Z REFERS TO THE EARTH QUAKE DIRECTION.)

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (1)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	15	8	8	8	8	8	10
X MAXIMUM	3.886D+03	1.294D+03	-2.175D+03	-7.105D+04	2.144D+05	8.007D+04	3.886D+03	1.294D+03	-2.175D+03	-7.105D+04	1.435D+05	-4.847D+04
Y	11	15	25	15	25	15	11	15	25	15	25	15
Y MAXIMUM	-5.497D+02	6.638D+02	2.419D+02	3.608D+03	-1.998D+04	4.947D+04	-5.497D+02	6.638D+02	2.419D+02	3.608D+03	-1.208D+04	2.782D+04
Z	11	8	8	8	8	15	11	8	8	8	8	11
Z MAXIMUM	-1.979D+03	3.530D+02	-5.933D+02	-1.939D+04	5.851D+04	2.253D+04	-1.979D+03	3.530D+02	-5.933D+02	-1.939D+04	3.915D+04	2.789D+04
GRAND TOTAL	1.471D+04	6.500D+03	6.718D+03	1.597D+05	6.304D+05	3.401D+05	1.471D+04	6.500D+03	6.718D+03	1.597D+05	4.116D+05	2.836D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (2)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	10	8	8	8	8	8	8
X MAXIMUM	3.884D+03	1.294D+03	-2.117D+03	-7.105D+04	1.435D+05	-4.847D+04	3.884D+03	1.294D+03	-2.117D+03	-7.105D+04	4.186D+04	-1.008D+05
Y	11	15	25	15	25	15	11	15	25	15	15	11
Y MAXIMUM	-5.494D+02	6.414D+02	2.221D+02	3.609D+03	-1.208D+04	2.782D+04	-5.494D+02	6.414D+02	2.221D+02	3.609D+03	6.029D+03	1.239D+04
Z	11	8	8	8	8	11	11	8	8	8	8	11
Z MAXIMUM	-1.978D+03	3.530D+02	-5.776D+02	-1.939D+04	3.915D+04	2.789D+04	-1.978D+03	3.530D+02	-5.776D+02	-1.939D+04	1.142D+04	4.460D+04
GRAND TOTAL	1.471D+04	6.323D+03	6.423D+03	1.597D+05	4.116D+05	2.836D+05	1.471D+04	6.323D+03	6.423D+03	1.597D+05	1.353D+05	3.301D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (3)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	10	8
X MAXIMUM	3.881D+03	1.333D+03	-1.884D+03	-7.104D+04	4.186D+04	-1.008D+05	3.881D+03	1.333D+03	-1.884D+03	-7.104D+04	2.154D+04	-1.275D+05
Y	11	15	25	15	15	11	11	15	25	15	15	11
Y MAXIMUM	-5.489D+02	5.586D+02	1.459D+02	3.609D+03	6.029D+03	1.239D+04	-5.489D+02	5.586D+02	1.459D+02	3.609D+03	4.549D+03	1.457D+04
Z	11	11	8	8	8	11	11	11	8	8	11	11
Z MAXIMUM	-1.976D+03	-3.931D+02	-5.139D+02	-1.938D+04	1.142D+04	4.460D+04	-1.976D+03	-3.931D+02	-5.139D+02	-1.938D+04	-1.283D+04	5.246D+04
GRAND TOTAL	1.469D+04	5.823D+03	5.293D+03	1.596D+05	1.353D+05	3.301D+05	1.469D+04	5.823D+03	5.293D+03	1.596D+05	9.781D+04	4.385D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (4)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	8	8	10	8	8	8	8	8	8	8
X MAXIMUM	3.879D+03	1.384D+03	-1.683D+03	-7.106D+04	2.154D+04	-1.275D+05	3.721D+03	-1.764D+03	-1.683D+03	-5.418D+04	3.655D+04	-1.253D+05
Y	11	15	25	15	15	11	15	11	25	15	11	15
Y MAXIMUM	-5.485D+02	4.908D+02	8.178D+01	3.607D+03	4.549D+03	1.457D+04	7.141D+02	3.013D+02	8.178D+01	5.572D+03	-4.773D+03	-1.687D+04
Z	11	11	8	8	11	11	11	11	8	8	11	11
Z MAXIMUM	-1.974D+03	-4.404D+02	-4.591D+02	-1.939D+04	-1.283D+04	5.246D+04	-1.708D+03	1.085D+03	-4.591D+02	-1.478D+04	-1.718D+04	4.872D+04
GRAND TOTAL	1.468D+04	5.630D+03	4.494D+03	1.597D+05	9.781D+04	4.385D+05	1.396D+04	7.342D+03	4.494D+03	1.538D+05	1.297D+05	4.363D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (4)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	10	8	8
X MAXIMUM	1.384D+03	-3.879D+03	-1.683D+03	3.322D+04	4.750D+04	-9.258D+04

Y	15	11	25	11	15	15
Y MAXIMUM	4.908D+02	5.484D+02	8.178D+01	-4.686D+03	-4.276D+03	-1.375D+04
Z	11	11	8	11	8	11
Z MAXIMUM	-4.404D+02	1.974D+03	-4.591D+02	-1.687D+04	1.296D+04	3.098D+04
GRAND TOTAL	5.630D+03	1.468D+04	4.494D+03	1.348D+05	1.397D+05	3.224D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (5)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	10	8	8	8	8	8	10	10	5
X MAXIMUM	1.498D+03	-3.287D+03	-2.330D+03	3.322D+04	6.984D+04	-7.713D+04	1.498D+03	-3.287D+03	-2.330D+03	3.322D+04	3.045D+04	1.880D+04
Y	15	11	15	11	11	15	15	11	15	11	11	24
Y MAXIMUM	4.248D+02	5.356D+02	-1.507D+02	-4.686D+03	-5.304D+03	-1.439D+04	4.248D+02	5.356D+02	-1.507D+02	-4.686D+03	-4.208D+03	-6.040D+03
Z	11	11	8	11	11	11	11	11	8	11	11	11
Z MAXIMUM	-5.230D+02	1.928D+03	-6.356D+02	-1.687D+04	-1.910D+04	2.696D+04	-5.230D+02	1.928D+03	-6.356D+02	-1.687D+04	-1.515D+04	-7.749D+03
GRAND TOTAL	5.959D+03	1.356D+04	4.950D+03	1.348D+05	2.012D+05	2.862D+05	5.959D+03	1.356D+04	4.950D+03	1.348D+05	1.387D+05	1.166D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (6)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	10	8	10	8	10	10	10	8	10	5	10
X MAXIMUM	1.596D+03	1.368D+03	3.693D+03	3.322D+04	-2.908D+04	-3.118D+04	1.393D+03	9.041D+02	3.693D+03	3.233D+04	1.880D+04	-4.068D+04
Y	15	11	15	11	24	15	15	40	15	11	24	11
Y MAXIMUM	3.678D+02	-1.980D+02	4.754D+02	-4.685D+03	-4.441D+03	5.539D+03	3.837D+02	1.458D+02	4.754D+02	-5.029D+03	-3.878D+03	6.053D+03
Z	11	11	11	11	8	11	11	11	11	11	11	11
Z MAXIMUM	-5.945D+02	-7.126D+02	-1.672D+03	-1.687D+04	-7.934D+03	1.701D+04	-8.219D+02	-4.309D+02	-1.672D+03	-1.810D+04	-6.614D+03	2.179D+04
GRAND TOTAL	6.367D+03	4.166D+03	1.315D+04	1.348D+05	1.141D+05	1.187D+05	6.760D+03	3.982D+03	1.315D+04	1.601D+05	9.905D+04	1.302D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (6)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	10	8	10
X MAXIMUM	1.633D+03	-1.294D+03	3.693D+03	3.465D+04	4.798D+04	-4.571D+04
Y	15	15	15	11	48	11
Y MAXIMUM	3.411D+02	-1.791D+02	4.754D+02	-6.091D+03	4.434D+03	6.650D+03
Z	11	8	11	11	8	11
Z MAXIMUM	-9.243D+02	-3.530D+02	-1.672D+03	-2.193D+04	1.309D+04	2.394D+04
GRAND TOTAL	6.194D+03	4.025D+03	1.315D+04	1.772D+05	1.579D+05	1.297D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (7)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	8	8	10	8	10	10	8	8	10	8	10
X MAXIMUM	1.659D+03	-1.164D+03	3.254D+03	3.466D+04	4.798D+04	-4.571D+04	1.601D+03	-1.537D+03	3.254D+03	3.939D+04	7.489D+04	-4.449D+04
Y	15	40	15	11	48	11	11	15	15	11	11	15
Y MAXIMUM	3.084D+02	2.246D+02	4.330D+02	-6.092D+03	4.434D+03	6.649D+03	-2.510D+02	-2.483D+02	4.330D+02	-7.629D+03	-4.219D+03	7.726D+03
Z	11	8	11	11	8	11	11	8	11	11	8	11
Z MAXIMUM	-9.645D+02	-3.175D+02	-1.483D+03	-2.193D+04	1.309D+04	2.394D+04	-9.035D+02	-4.194D+02	-1.483D+03	-2.746D+04	2.043D+04	2.266D+04
GRAND TOTAL	6.707D+03	3.742D+03	1.176D+04	1.772D+05	1.579D+05	1.297D+05	5.533D+03	5.396D+03	1.176D+04	2.118D+05	1.890D+05	1.379D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (7)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	8	10
X MAXIMUM	1.299D+03	-1.677D+03	3.254D+03	4.578D+04	9.040D+04	-3.814D+04
Y	11	15	15	11	15	15
Y MAXIMUM	-1.958D+02	-3.178D+02	4.330D+02	-9.321D+03	5.474D+03	1.009D+04
Z	11	11	11	11	8	11
Z MAXIMUM	-7.049D+02	6.592D+02	-1.483D+03	-3.356D+04	2.466D+04	1.848D+04
GRAND TOTAL	4.073D+03	6.796D+03	1.176D+04	2.825D+05	2.165D+05	1.596D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (8)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	8	10	10	8	8	8	8	8
X MAXIMUM	1.248D+03	1.720D+03	-2.818D+03	4.578D+04	-9.040D+04	3.814D+04	1.248D+03	1.720D+03	-2.818D+03	4.578D+04	-1.214D+05	-4.093D+04
Y	11	15	15	11	15	15	11	15	15	11	15	15
Y MAXIMUM	-1.954D+02	2.873D+02	-3.874D+02	-9.321D+03	-5.474D+03	-1.009D+04	-1.954D+02	2.873D+02	-3.874D+02	-9.321D+03	-9.735D+03	-1.325D+04
Z	11	11	11	11	8	11	11	11	11	11	8	8
Z MAXIMUM	-7.036D+02	-6.991D+02	1.297D+03	-3.356D+04	-2.466D+04	-1.848D+04	-7.036D+02	-6.991D+02	1.297D+03	-3.356D+04	-3.312D+04	-1.117D+04
GRAND TOTAL	4.387D+03	7.043D+03	1.046D+04	2.825D+05	2.165D+05	1.596D+05	4.387D+03	7.043D+03	1.046D+04	2.825D+05	3.181D+05	1.850D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (9)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	15	10	8	10	8	8	15	10	8	10	8
X MAXIMUM	-3.465D+02	4.511D+02	-2.017D+02	-1.586D+04	4.365D+03	-2.132D+04	-3.465D+02	4.511D+02	-2.017D+02	-1.586D+04	2.475D+03	-2.392D+04
Y	15	41	24	15	25	37	15	41	24	15	41	37
Y MAXIMUM	-5.494D+01	4.436D+02	-5.111D+01	1.948D+03	9.522D+02	-8.442D+03	-5.494D+01	4.436D+02	-5.111D+01	1.948D+03	6.503D+02	-4.468D+03
Z	11	23	11	11	11	8	11	23	11	11	11	11
Z MAXIMUM	1.932D+02	-2.567D+02	9.384D+01	4.434D+03	-2.002D+03	-5.816D+03	1.932D+02	-2.567D+02	9.384D+01	4.434D+03	-1.123D+03	7.059D+03
GRAND TOTAL	1.552D+03	4.418D+03	8.053D+02	4.409D+04	1.995D+04	9.937D+04	1.552D+03	4.418D+03	8.053D+02	4.409D+04	1.261D+04	8.418D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (10)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	10	8	10	10	8	8	10	8	8
X MAXIMUM	1.001D+03	1.467D+03	-2.071D+03	3.696D+04	-1.228D+05	3.228D+04	1.001D+03	1.467D+03	-2.071D+03	3.696D+04	-1.456D+05	-4.121D+04
Y	11	41	15	15	15	15	11	41	15	15	15	15
Y MAXIMUM	-1.691D+02	-5.438D+02	-2.882D+02	1.061D+04	-1.017D+04	-1.520D+04	-1.691D+02	-5.438D+02	-2.882D+02	1.061D+04	-1.334D+04	-1.509D+04
Z	11	11	11	11	8	11	11	11	11	11	11	8
Z MAXIMUM	-6.086D+02	-5.321D+02	9.318D+02	-2.828D+04	-3.350D+04	-1.523D+04	-6.086D+02	-5.321D+02	9.318D+02	-2.828D+04	4.196D+04	-1.124D+04
GRAND TOTAL	4.527D+03	7.019D+03	8.010D+03	2.351D+05	3.288D+05	1.807D+05	4.527D+03	7.019D+03	8.010D+03	2.351D+05	4.028D+05	1.993D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (11)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	10	8	8	10	8	8	10	8	8
X MAXIMUM	9.647D+02	1.476D+03	-1.749D+03	3.695D+04	-1.456D+05	-4.120D+04	9.647D+02	1.476D+03	-1.749D+03	3.695D+04	-1.606D+05	-5.393D+04
Y	25	41	15	15	15	15	25	41	15	15	15	15
Y MAXIMUM	-1.855D+02	-5.466D+02	-2.509D+02	1.062D+04	-1.334D+04	-1.509D+04	-1.855D+02	-5.466D+02	-2.509D+02	1.062D+04	-1.550D+04	-1.495D+04
Z	11	11	11	11	11	8	11	11	11	11	11	8
Z MAXIMUM	-6.077D+02	-5.404D+02	7.933D+02	-2.828D+04	4.196D+04	-1.124D+04	-6.077D+02	-5.404D+02	7.933D+02	-2.828D+04	4.880D+04	-1.471D+04
GRAND TOTAL	4.865D+03	7.097D+03	7.031D+03	2.351D+05	4.028D+05	1.993D+05	4.865D+03	7.097D+03	7.031D+03	2.351D+05	4.573D+05	2.292D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (12)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	8	10	8	8	8	10	8	10	8	8
X MAXIMUM	9.258D+02	1.150D+03	-1.076D+03	3.696D+04	-1.606D+05	-5.394D+04	9.258D+02	1.150D+03	-1.076D+03	3.696D+04	-1.953D+05	-4.362D+04
Y	25	15	15	15	15	15	25	15	15	15	15	24
Y MAXIMUM	-2.376D+02	-6.342D+02	-1.703D+02	1.061D+04	-1.550D+04	-1.495D+04	-2.376D+02	-6.342D+02	-1.703D+02	1.061D+04	-2.099D+04	1.556D+04
Z	11	11	11	11	11	8	11	11	11	11	11	11
Z MAXIMUM	-6.055D+02	-6.334D+02	5.039D+02	-2.828D+04	4.880D+04	-1.472D+04	-6.055D+02	-6.334D+02	5.039D+02	-2.828D+04	6.504D+04	1.570D+04
GRAND TOTAL	5.570D+03	5.779D+03	4.959D+03	2.351D+05	4.573D+05	2.291D+05	5.570D+03	5.779D+03	4.959D+03	2.351D+05	6.087D+05	1.980D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (13)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	10	10	8	8	8	8	10	10	10	8
X MAXIMUM	2.252D+03	-1.397D+03	7.302D+02	3.696D+04	4.362D+04	-1.953D+05	2.027D+03	-1.707D+03	7.302D+02	4.275D+04	5.964D+04	-9.959D+04

Y	25	11	15	15	24	15	25	11	15	11	15	15
Y MAXIMUM	-4.350D+02	1.591D+02	-4.261D+02	1.061D+04	-1.556D+04	-2.099D+04	-4.405D+02	1.814D+02	-4.261D+02	-8.882D+03	-3.311D+04	-1.094D+04
Z	8	11	11	11	11	11	8	11	11	11	11	11
Z MAXIMUM	6.144D+02	5.729D+02	-3.882D+02	-2.828D+04	-1.570D+04	6.504D+04	5.531D+02	6.530D+02	-3.882D+02	-3.197D+04	-3.528D+04	2.722D+04
GRAND TOTAL	8.308D+03	5.423D+03	4.461D+03	2.351D+05	1.980D+05	6.087D+05	7.733D+03	6.116D+03	4.461D+03	2.476D+05	3.017D+05	3.592D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (13)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	10	10	10	5
X MAXIMUM	1.760D+03	-1.981D+03	7.302D+02	5.414D+04	9.767D+04	-5.710D+04
Y	25	11	15	11	15	48
Y MAXIMUM	-4.369D+02	1.998D+02	-4.261D+02	-1.068D+04	-6.005D+04	1.136D+04
Z	8	11	11	11	11	1
Z MAXIMUM	4.803D+02	7.194D+02	-3.882D+02	-3.845D+04	-5.413D+04	-2.152D+04
GRAND TOTAL	7.000D+03	6.919D+03	4.461D+03	2.590D+05	5.172D+05	2.283D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (14)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	10	5	10	8	8	8	10	8	10
X MAXIMUM	2.594D+03	-6.851D+02	3.074D+03	5.414D+04	-5.710D+04	-9.767D+04	2.594D+03	-6.851D+02	3.074D+03	5.414D+04	1.491D+05	-7.633D+04
Y	25	24	15	11	48	15	25	24	15	11	11	15
Y MAXIMUM	-6.216D+02	4.821D+02	3.188D+02	-1.068D+04	1.136D+04	6.005D+04	-6.216D+02	4.821D+02	3.188D+02	-1.068D+04	-1.804D+04	4.545D+04
Z	8	11	11	11	1	11	8	11	11	11	11	11
Z MAXIMUM	7.078D+02	3.017D+02	-1.135D+03	-3.845D+04	-2.152D+04	5.413D+04	7.078D+02	3.017D+02	-1.135D+03	-3.845D+04	-6.495D+04	4.089D+04
GRAND TOTAL	8.878D+03	4.130D+03	1.162D+04	2.590D+05	2.283D+05	5.172D+05	8.878D+03	4.130D+03	1.162D+04	2.590D+05	6.702D+05	4.552D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (15)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	15	5	10	8	10	8	15	5	10	8	8
X MAXIMUM	2.949D+03	9.738D+02	3.084D+03	5.414D+04	1.491D+05	-7.633D+04	2.949D+03	9.738D+02	3.084D+03	5.414D+04	1.246D+05	7.767D+04
Y	25	24	25	11	11	15	25	24	25	11	11	15
Y MAXIMUM	-6.993D+02	6.488D+02	6.352D+02	-1.068D+04	-1.804D+04	4.545D+04	-6.993D+02	6.488D+02	6.352D+02	-1.068D+04	-1.410D+04	2.896D+04
Z	8	11	5	11	11	11	8	11	5	11	11	11
Z MAXIMUM	8.045D+02	5.322D+02	1.031D+03	-3.845D+04	-6.495D+04	4.089D+04	8.045D+02	5.322D+02	1.031D+03	-3.845D+04	-5.076D+04	2.631D+04
GRAND TOTAL	1.005D+04	6.008D+03	1.088D+04	2.590D+05	6.702D+05	4.552D+05	1.005D+04	6.008D+03	1.088D+04	2.590D+05	4.457D+05	3.986D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (16)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	15	5	10	8	8	8	15	5	10	5	8
X MAXIMUM	-8.202D+03	1.240D+03	2.938D+03	5.414D+04	1.246D+05	7.767D+04	-8.202D+03	1.240D+03	2.938D+03	5.414D+04	1.038D+05	9.791D+04
Y	11	15	25	11	11	15	11	15	25	11	25	24
Y MAXIMUM	-7.613D+02	7.662D+02	5.092D+02	-1.068D+04	-1.410D+04	2.896D+04	-7.613D+02	7.662D+02	5.092D+02	-1.068D+04	2.196D+04	-3.255D+04
Z	11	11	5	11	11	11	11	11	5	11	11	8
Z MAXIMUM	-2.741D+03	6.700D+02	9.819D+02	-3.845D+04	-5.076D+04	2.631D+04	-2.741D+03	6.700D+02	9.819D+02	-3.845D+04	-3.519D+04	2.671D+04
GRAND TOTAL	2.856D+04	7.057D+03	1.013D+04	2.590D+05	4.457D+05	3.986D+05	2.856D+04	7.057D+03	1.013D+04	2.590D+05	5.307D+05	3.295D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (17)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	15	5	10	5	8	8	15	5	10	5	8
X MAXIMUM	-7.988D+03	1.333D+03	2.783D+03	5.414D+04	1.038D+05	9.791D+04	-7.988D+03	1.333D+03	2.783D+03	5.414D+04	1.344D+05	1.047D+05
Y	11	15	25	11	25	24	11	15	25	11	25	24
Y MAXIMUM	-7.431D+02	8.238D+02	3.997D+02	-1.068D+04	2.196D+04	-3.255D+04	-7.431D+02	8.238D+02	3.997D+02	-1.068D+04	2.636D+04	-4.067D+04
Z	11	11	5	11	11	8	11	11	5	11	5	8
Z MAXIMUM	-2.675D+03	7.170D+02	9.302D+02	-3.845D+04	-3.519D+04	2.671D+04	-2.675D+03	7.170D+02	9.302D+02	-3.845D+04	4.494D+04	2.857D+04
GRAND TOTAL	2.786D+04	7.366D+03	9.509D+03	2.590D+05	5.307D+05	3.295D+05	2.786D+04	7.366D+03	9.509D+03	2.590D+05	5.914D+05	3.329D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (18)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	8	10	10	10	1	1	8	5
X MAXIMUM	1.119D+03	-3.846D+03	3.834D+03	-1.808D+05	1.523D+05	-8.645D+04	1.119D+03	-3.846D+03	3.834D+03	-1.808D+05	1.157D+05	5.485D+04
Y	19	24	11	19	19	24	19	24	11	19	19	24
Y MAXIMUM	-4.200D+02	-9.815D+02	-3.627D+02	9.833D+03	-1.659D+04	-2.682D+04	-4.200D+02	-9.815D+02	-3.627D+02	9.833D+03	-1.599D+04	-1.688D+04
Z	11	11	1	1	11	5	11	11	1	1	11	5
Z MAXIMUM	-4.533D+02	1.387D+03	1.665D+03	-7.851D+04	5.189D+04	2.739D+04	-4.533D+02	1.387D+03	1.665D+03	-7.851D+04	3.867D+04	1.833D+04
GRAND TOTAL	5.069D+03	1.959D+04	1.367D+04	2.396D+05	5.874D+05	5.065D+05	5.069D+03	1.959D+04	1.367D+04	2.396D+05	4.556D+05	3.082D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (19)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	1	8	1	10	8	10	1	8	1	10
X MAXIMUM	-4.427D+03	-2.380D+03	-2.123D+03	1.116D+05	2.021D+05	8.628D+04	-4.427D+03	-2.380D+03	-2.123D+03	1.116D+05	1.787D+05	1.125D+05
Y	15	15	24	19	25	40	15	15	24	19	25	15
Y MAXIMUM	1.152D+03	1.134D+03	5.282D+02	-1.085D+04	1.908D+04	1.941D+04	1.152D+03	1.134D+03	5.282D+02	-1.085D+04	1.973D+04	-2.700D+04
Z	8	11	1	5	1	11	8	11	1	5	1	11
Z MAXIMUM	-1.208D+03	1.189D+03	-9.216D+02	-3.088D+04	8.774D+04	-5.693D+04	-1.208D+03	1.189D+03	-9.216D+02	-3.088D+04	7.760D+04	-7.001D+04
GRAND TOTAL	1.730D+04	1.148D+04	7.678D+03	5.432D+05	6.186D+05	3.682D+05	1.730D+04	1.148D+04	7.678D+03	5.432D+05	5.645D+05	4.540D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (20)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	1	8	1	10	8	10	1	8	1	10
X MAXIMUM	-4.337D+03	-2.388D+03	-2.134D+03	1.116D+05	1.787D+05	1.125D+05	-4.337D+03	-2.388D+03	-2.134D+03	1.116D+05	1.638D+05	1.292D+05
Y	15	15	24	19	25	15	15	15	24	19	25	15
Y MAXIMUM	1.143D+03	1.140D+03	4.993D+02	-1.085D+04	1.973D+04	-2.700D+04	1.143D+03	1.140D+03	4.993D+02	-1.085D+04	1.981D+04	-3.497D+04
Z	8	11	1	5	1	11	8	11	1	5	1	11
Z MAXIMUM	-1.183D+03	1.193D+03	-9.265D+02	-3.088D+04	7.760D+04	-7.001D+04	-1.183D+03	1.193D+03	-9.265D+02	-3.088D+04	7.111D+04	-7.836D+04
GRAND TOTAL	1.699D+04	1.150D+04	7.603D+03	5.432D+05	5.645D+05	4.540D+05	1.699D+04	1.150D+04	7.603D+03	5.432D+05	5.302D+05	5.179D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (21)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	1	10	8	10	1	8	1	10	8	8	8
X MAXIMUM	-3.662D+03	2.222D+03	1.193D+03	1.116D+05	-1.292D+05	1.638D+05	-3.438D+03	1.631D+03	1.193D+03	9.893D+04	-8.010D+04	5.773D+04
Y	24	15	24	19	15	25	24	25	24	19	15	24
Y MAXIMUM	-1.176D+03	4.347D+02	-6.156D+02	-1.085D+04	3.498D+04	1.981D+04	-1.191D+03	2.620D+02	-6.156D+02	-8.334D+03	4.067D+04	1.502D+04
Z	8	1	11	5	11	1	8	1	11	8	11	4
Z MAXIMUM	-9.992D+02	9.645D+02	-6.763D+02	-3.088D+04	7.836D+04	7.111D+04	-9.380D+02	7.082D+02	-6.763D+02	2.699D+04	3.782D+04	2.439D+04
GRAND TOTAL	1.474D+04	7.892D+03	6.804D+03	5.432D+05	5.179D+05	5.302D+05	1.462D+04	8.750D+03	6.804D+03	4.069D+05	4.594D+05	2.741D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (21)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	10	5	8	10
X MAXIMUM	-2.690D+03	2.489D+03	1.193D+03	-6.860D+04	-1.643D+05	1.226D+05
Y	15	24	24	15	24	25
Y MAXIMUM	1.064D+03	6.387D+02	-6.156D+02	2.083D+04	-5.571D+04	-1.267D+04
Z	1	8	11	5	8	4
Z MAXIMUM	1.020D+03	6.790D+02	-6.763D+02	-2.293D+04	-4.483D+04	3.793D+04
GRAND TOTAL	1.302D+04	1.135D+04	6.804D+03	3.289D+05	5.356D+05	6.059D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (22)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	10	8	5	10	8	1	10	8	5	10	8
X MAXIMUM	2.376D+03	1.397D+03	-2.250D+03	-6.860D+04	1.226D+05	1.643D+05	2.376D+03	1.397D+03	-2.250D+03	-6.860D+04	1.328D+05	1.700D+05

Y	15	24	24	15	25	24	15	24	24	15	24	24
Y MAXIMUM	1.009D+03	-3.129D+02	-6.993D+02	2.083D+04	-1.267D+04	5.571D+04	1.009D+03	-3.129D+02	-6.993D+02	2.083D+04	-1.780D+04	5.833D+04
Z	1	11	8	5	4	8	1	11	8	5	4	8
Z MAXIMUM	1.032D+03	-7.318D+02	-6.140D+02	-2.293D+04	3.793D+04	4.483D+04	1.032D+03	-7.318D+02	-6.140D+02	-2.293D+04	3.932D+04	4.639D+04
GRAND TOTAL	1.158D+04	6.051D+03	9.420D+03	3.289D+05	6.059D+05	5.356D+05	1.158D+04	6.051D+03	9.420D+03	3.289D+05	6.821D+05	5.404D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (23)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	10	10	5	5	8	10	10	10	5	10
X MAXIMUM	6.021D+03	2.470D+03	-5.711D+03	-1.488D+05	-1.200D+05	-8.355D+04	6.021D+03	2.470D+03	-5.711D+03	-1.488D+05	-1.773D+05	-8.531D+04
Y	11	40	13	24	24	15	11	40	13	24	24	15
Y MAXIMUM	4.650D+02	-1.468D+03	5.006D+02	1.870D+04	-2.249D+04	2.162D+04	4.650D+02	-1.468D+03	5.006D+02	1.870D+04	-1.587D+04	4.334D+04
Z	5	11	11	5	4	5	5	11	11	5	5	5
Z MAXIMUM	1.683D+03	-9.739D+02	-1.273D+03	-4.190D+04	4.359D+04	-2.793D+04	1.683D+03	-9.739D+02	-1.273D+03	-4.190D+04	-5.926D+04	-2.591D+04
GRAND TOTAL	2.538D+04	1.416D+04	2.531D+04	8.482D+05	5.607D+05	3.718D+05	2.538D+04	1.416D+04	2.531D+04	8.482D+05	7.395D+05	5.627D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (24)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	6	12	10	10	5	8	5	12	8	10	5
X MAXIMUM	6.599D+03	3.153D+03	4.861D+03	-1.488D+05	8.531D+04	-1.773D+05	6.567D+03	-3.361D+03	4.861D+03	1.014D+05	1.228D+05	-1.530D+05
Y	11	34	15	24	15	24	34	11	15	24	15	24
Y MAXIMUM	5.125D+02	-3.218D+02	1.084D+03	1.870D+04	-4.334D+04	-1.587D+04	-3.894D+02	-5.393D+02	1.084D+03	2.636D+04	-1.870D+04	-1.330D+04
Z	11	4	5	5	5	5	8	11	5	8	8	5
Z MAXIMUM	1.845D+03	1.019D+03	-1.311D+03	-4.190D+04	2.591D+04	-5.926D+04	1.792D+03	-1.942D+03	-1.311D+03	2.766D+04	-2.949D+04	-5.115D+04
GRAND TOTAL	2.754D+04	1.671D+04	2.533D+04	8.482D+05	5.627D+05	7.395D+05	2.900D+04	1.525D+04	2.533D+04	5.146D+05	6.212D+05	7.165D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (24)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	6	8	12	15	8	5
X MAXIMUM	3.153D+03	-6.599D+03	4.861D+03	-3.330D+04	-1.697D+05	-7.749D+04
Y	34	11	15	15	15	24
Y MAXIMUM	-3.218D+02	-5.125D+02	1.084D+03	-2.058D+04	1.689D+04	-9.392D+03
Z	4	11	5	4	8	4
Z MAXIMUM	1.019D+03	-1.845D+03	-1.311D+03	-2.195D+04	-4.630D+04	4.575D+04
GRAND TOTAL	1.671D+04	2.754D+04	2.533D+04	1.978D+05	5.302D+05	4.545D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (25)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	6	12	8	15	5	8	6	12	8	15	8	8
X MAXIMUM	3.032D+03	4.871D+03	7.041D+03	-3.330D+04	-7.749D+04	1.697D+05	3.032D+03	4.871D+03	7.041D+03	-3.330D+04	7.503D+04	1.814D+05
Y	34	15	11	15	24	15	34	15	11	15	27	15
Y MAXIMUM	-3.047D+02	1.095D+03	5.411D+02	-2.058D+04	-9.392D+03	-1.689D+04	-3.047D+02	1.095D+03	5.411D+02	-2.058D+04	-1.210D+04	-2.565D+04
Z	4	5	11	4	4	8	4	5	11	4	4	8
Z MAXIMUM	9.688D+02	-1.312D+03	1.948D+03	-2.195D+04	4.575D+04	4.630D+04	9.688D+02	-1.312D+03	1.948D+03	-2.195D+04	5.567D+04	4.949D+04
GRAND TOTAL	1.612D+04	2.541D+04	2.919D+04	1.978D+05	4.545D+05	5.302D+05	1.612D+04	2.541D+04	2.919D+04	1.978D+05	3.991D+05	4.823D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (26)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	6	8	8	8	8	6	6	8	8
X MAXIMUM	-6.596D+02	-5.311D+02	-1.892D+03	-8.620D+04	-2.936D+04	-6.059D+03	-6.596D+02	-5.311D+02	-1.892D+03	-8.620D+04	-1.621D+04	-2.342D+03
Y	27	27	11	6	11	27	27	27	11	6	11	15
Y MAXIMUM	-6.493D+02	-5.490D+02	-1.098D+02	-3.560D+03	2.703D+03	-2.821D+03	-6.493D+02	-5.490D+02	-1.098D+02	-3.560D+03	1.934D+03	1.116D+03
Z	8	8	8	8	11	4	8	8	8	8	11	4
Z MAXIMUM	-1.800D+02	-1.449D+02	5.125D+02	2.021D+04	9.730D+03	-1.706D+03	-1.800D+02	-1.449D+02	5.125D+02	2.021D+04	6.962D+03	-7.259D+02
GRAND TOTAL	3.615D+03	3.203D+03	7.574D+03	3.035D+05	1.200D+05	2.901D+04	3.615D+03	3.203D+03	7.574D+03	3.035D+05	6.736D+04	1.313D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (27)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	6	8	8	8	6	6	6	8	15
X MAXIMUM	-6.508D+02	-5.313D+02	-1.889D+03	-8.620D+04	-1.621D+04	-2.342D+03	-6.508D+02	-5.313D+02	-1.889D+03	-8.620D+04	-1.057D+04	1.574D+03
Y	27	27	11	6	11	15	27	27	11	6	11	27
Y MAXIMUM	-6.489D+02	-5.486D+02	-1.105D+02	-3.560D+03	1.934D+03	1.116D+03	-6.489D+02	-5.486D+02	-1.105D+02	-3.560D+03	1.602D+03	2.668D+03
Z	8	8	8	8	11	4	8	8	8	8	11	11
Z MAXIMUM	-1.776D+02	-1.449D+02	5.130D+02	2.021D+04	6.962D+03	-7.259D+02	-1.776D+02	-1.449D+02	5.130D+02	2.021D+04	5.768D+03	9.893D+02
GRAND TOTAL	3.589D+03	3.203D+03	7.586D+03	3.035D+05	6.736D+04	1.313D+04	3.589D+03	3.203D+03	7.586D+03	3.035D+05	4.794D+04	1.267D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (28)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	6	8	15	8	8	6	6	5	5
X MAXIMUM	-6.440D+02	-5.314D+02	-1.887D+03	-8.620D+04	-1.057D+04	1.574D+03	-6.440D+02	-5.314D+02	-1.887D+03	-8.620D+04	5.160D+03	2.016D+03
Y	27	27	11	6	11	27	27	27	11	6	11	27
Y MAXIMUM	-6.485D+02	-5.481D+02	-1.111D+02	-3.560D+03	1.602D+03	2.668D+03	-6.485D+02	-5.481D+02	-1.111D+02	-3.560D+03	1.075D+03	5.272D+03
Z	8	8	8	8	11	11	8	8	8	8	11	11
Z MAXIMUM	-1.757D+02	-1.450D+02	5.132D+02	2.021D+04	5.768D+03	9.893D+02	-1.757D+02	-1.450D+02	5.132D+02	2.021D+04	3.869D+03	1.629D+03
GRAND TOTAL	3.569D+03	3.203D+03	7.593D+03	3.035D+05	4.794D+04	1.267D+04	3.569D+03	3.203D+03	7.593D+03	3.035D+05	2.912D+04	2.426D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (29)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	8	6	8	8	8	6	8	6	8
X MAXIMUM	-4.374D+01	-7.143D+02	1.293D+03	2.619D+02	-1.210D+04	-6.875D+03	-4.374D+01	-7.143D+02	1.293D+03	2.619D+02	-8.707D+03	-5.000D+03
Y	40	27	6	27	6	27	40	27	6	27	6	27
Y MAXIMUM	-5.860D+00	-5.766D+02	5.338D+01	1.925D+01	-4.997D+02	-5.429D+03	-5.860D+00	-5.766D+02	5.338D+01	1.925D+01	-3.596D+02	-3.915D+03
Z	8	8	4	8	4	8	8	8	4	8	4	8
Z MAXIMUM	-1.193D+01	-1.949D+02	2.587D+02	7.144D+01	-2.428D+03	-1.876D+03	-1.193D+01	-1.949D+02	2.587D+02	7.144D+01	-1.749D+03	-1.364D+03
GRAND TOTAL	1.635D+02	3.354D+03	3.833D+03	1.132D+03	3.591D+04	3.203D+04	1.635D+02	3.354D+03	3.833D+03	1.132D+03	2.585D+04	2.322D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (30)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	8	6	8	8	8	6	8	6	8
X MAXIMUM	-3.846D+01	-7.144D+02	1.296D+03	2.619D+02	-8.707D+03	-5.000D+03	-3.846D+01	-7.144D+02	1.296D+03	2.619D+02	-4.334D+03	-2.589D+03
Y	40	27	6	27	6	27	40	27	6	27	6	27
Y MAXIMUM	-5.085D+00	-5.768D+02	5.351D+01	1.925D+01	-3.596D+02	-3.915D+03	-5.085D+00	-5.768D+02	5.351D+01	1.925D+01	-1.790D+02	-1.969D+03
Z	8	8	4	8	4	8	8	8	4	8	4	8
Z MAXIMUM	-1.049D+01	-1.949D+02	2.593D+02	7.144D+01	-1.749D+03	-1.364D+03	-1.049D+01	-1.949D+02	2.593D+02	7.144D+01	-8.735D+02	-7.063D+02
GRAND TOTAL	1.436D+02	3.355D+03	3.844D+03	1.132D+03	2.585D+04	2.322D+04	1.436D+02	3.355D+03	3.844D+03	1.132D+03	1.287D+04	1.190D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (31)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	0	6	8	8	8	6	0	6	8
X MAXIMUM	-1.640D+01	-7.145D+02	1.278D+03	0.0	-4.280D+03	-2.413D+03	-1.640D+01	-7.145D+02	1.278D+03	0.0	3.290D+01	-1.528D+00
Y	40	27	6	0	6	27	40	27	6	0	27	27
Y MAXIMUM	-2.408D+00	-5.771D+02	5.277D+01	0.0	-1.767D+02	-1.950D+03	-2.408D+00	-5.771D+02	5.277D+01	0.0	3.964D+00	-2.067D+00
Z	8	8	4	0	4	8	8	8	4	0	8	8
Z MAXIMUM	-4.474D+00	-1.949D+02	2.598D+02	0.0	-8.728D+02	-6.583D+02	-4.474D+00	-1.949D+02	2.598D+02	0.0	-7.801D+00	-4.168D-01
GRAND TOTAL	6.153D+01	3.356D+03	3.806D+03	0.0	1.275D+04	1.134D+04	6.153D+01	3.356D+03	3.806D+03	0.0	1.262D+02	1.484D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (32)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	33	8	8	8	8	8	33	8	8	8	8	8
X MAXIMUM	-1.111D-01	1.579D+01	2.224D+01	-5.487D+01	-2.619D+02	1.760D+02	-1.111D-01	1.579D+01	2.224D+01	-5.487D+01	-2.035D+02	1.345D+02

Y	40	40	27	27	27	40	40	40	27	27	27	40
Y MAXIMUM	2.227D-01	1.755D+00	1.699D+00	-3.959D+00	-1.925D+01	1.978D+01	2.227D-01	1.755D+00	1.699D+00	-3.959D+00	-1.479D+01	1.517D+01
Z	32	8	8	8	8	8	32	8	8	8	8	8
Z MAXIMUM	2.748D-02	4.307D+00	6.068D+00	-1.497D+01	-7.144D+01	4.801D+01	2.748D-02	4.307D+00	6.068D+00	-1.497D+01	-5.551D+01	3.671D+01
GRAND TOTAL	9.891D-01	5.864D+01	9.639D+01	2.370D+02	1.132D+03	6.546D+02	9.891D-01	5.864D+01	9.639D+01	2.370D+02	8.794D+02	5.007D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (33)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	0	6	8	8	8	6	0	8	15
X MAXIMUM	-6.713D+00	-2.003D-01	-4.314D+00	0.0	3.290D+01	-1.528D+00	-6.713D+00	-2.003D-01	-4.314D+00	0.0	7.458D-11	4.547D-12
Y	40	27	27	0	27	27	40	27	27	0	24	24
Y MAXIMUM	-9.860D-01	-2.711D-01	-5.198D-01	0.0	3.964D+00	-2.067D+00	-9.860D-01	-2.711D-01	-5.198D-01	0.0	-9.322D-12	-3.354D-12
Z	8	8	8	0	8	8	8	8	8	0	11	15
Z MAXIMUM	-1.832D+00	-5.466D-02	1.023D+00	0.0	-7.601D+00	-4.168D-01	-1.832D+00	-5.466D-02	1.023D+00	0.0	2.183D-11	1.307D-12
GRAND TOTAL	2.519D+01	1.946D+00	1.656D+01	0.0	1.262D+02	1.484D+01	2.519D+01	1.946D+00	1.656D+01	0.0	2.140D-10	2.928D-11

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (34)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	33	8	8	8	8	8	33	8	8	8	8	8
X MAXIMUM	-9.822D-02	1.476D+01	2.217D+01	-5.487D+01	-2.035D+02	1.345D+02	-9.822D-02	1.476D+01	2.217D+01	-5.487D+01	-8.433D+01	5.519D+01
Y	40	40	27	27	27	40	40	40	27	27	27	40
Y MAXIMUM	2.036D-01	1.617D+00	1.619D+00	-3.959D+00	-1.479D+01	1.517D+01	2.036D-01	1.617D+00	1.619D+00	-3.959D+00	-6.084D+00	6.484D+00
Z	11	8	8	8	8	8	11	8	8	8	8	8
Z MAXIMUM	2.597D-02	4.028D+00	6.048D+00	-1.497D+01	-5.551D+01	3.671D+01	2.597D-02	4.028D+00	6.048D+00	-1.497D+01	-2.301D+01	1.506D+01
GRAND TOTAL	9.128D-01	5.484D+01	9.584D+01	2.370D+02	8.794D+02	5.007D+02	9.128D-01	5.484D+01	9.584D+01	2.370D+02	3.642D+02	2.060D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (35)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	12	8	15	8	8	8	12	8	15	8	8
X MAXIMUM	4.388D+03	4.661D+03	7.896D+03	-3.095D+04	1.044D+05	1.073D+05	4.388D+03	4.661D+03	7.896D+03	-3.095D+04	1.834D+05	1.166D+05
Y	11	15	11	15	27	15	11	15	11	15	11	15
Y MAXIMUM	-3.085D+02	1.051D+03	5.994D+02	-1.913D+04	-1.202D+04	-2.482D+04	-3.085D+02	1.051D+03	5.994D+02	-1.913D+04	9.452D+03	-3.533D+04
Z	8	5	11	4	4	11	8	5	11	4	4	11
Z MAXIMUM	1.197D+03	-1.256D+03	2.158D+03	-2.366D+04	5.975D+04	-3.345D+04	1.197D+03	-1.256D+03	2.158D+03	-2.366D+04	7.396D+04	-4.344D+04
GRAND TOTAL	1.884D+04	2.451D+04	3.180D+04	2.035D+05	4.463D+05	5.101D+05	1.884D+04	2.451D+04	3.180D+04	2.035D+05	4.935D+05	5.751D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (36)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	15	8	8	8	8	8	15	8	8
X MAXIMUM	4.301D+03	2.485D+03	-4.448D+03	-3.095D+04	1.834D+05	1.166D+05	4.301D+03	2.485D+03	-4.448D+03	-3.095D+04	9.884D+04	6.938D+04
Y	19	49	25	15	11	15	19	49	25	15	11	15
Y MAXIMUM	-3.096D+02	-4.018D+02	1.851D+02	-1.913D+04	9.452D+03	-3.533D+04	-3.096D+02	-4.018D+02	1.851D+02	-1.913D+04	1.193D+04	-3.017D+04
Z	8	11	4	4	4	11	8	11	4	4	11	4
Z MAXIMUM	1.173D+03	-1.191D+03	-3.035D+03	-2.366D+04	7.396D+04	-4.344D+04	1.173D+03	-1.191D+03	-3.035D+03	-2.366D+04	4.295D+04	2.313D+04
GRAND TOTAL	1.841D+04	1.195D+04	1.298D+04	2.035D+05	4.935D+05	5.751D+05	1.841D+04	1.195D+04	1.298D+04	2.035D+05	4.428D+05	4.104D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (37)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	15	8	8	8	8	8	15	4	10
X MAXIMUM	4.100D+03	2.478D+03	-3.771D+03	-3.095D+04	9.884D+04	6.938D+04	4.100D+03	2.478D+03	-3.771D+03	-3.095D+04	-1.073D+05	1.141D+05
Y	19	49	27	15	11	15	19	49	27	15	11	24
Y MAXIMUM	-3.169D+02	-3.839D+02	1.923D+02	-1.913D+04	1.193D+04	-3.017D+04	-3.169D+02	-3.839D+02	1.923D+02	-1.913D+04	1.917D+04	2.125D+04
Z	8	11	4	4	11	4	8	11	4	4	4	11
Z MAXIMUM	1.119D+03	-1.185D+03	-2.800D+03	-2.366D+04	4.295D+04	2.313D+04	1.119D+03	-1.185D+03	-2.800D+03	-2.366D+04	-1.181D+05	3.607D+04
GRAND TOTAL	1.743D+04	1.189D+04	1.173D+04	2.035D+05	4.428D+05	4.104D+05	1.743D+04	1.189D+04	1.173D+04	2.035D+05	6.771D+05	4.547D+05

LEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (38)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	15	4	10	8	8	8	15	4	10
X MAXIMUM	3.924D+03	2.438D+03	-3.183D+03	-3.095D+04	-1.073D+05	1.141D+05	3.924D+03	2.438D+03	-3.183D+03	-3.095D+04	-1.299D+05	1.329D+05
Y	19	11	27	15	11	24	19	11	27	15	11	24
Y MAXIMUM	-3.230D+02	-3.230D+02	2.042D+02	-1.913D+04	1.917D+04	2.125D+04	-3.230D+02	-3.230D+02	2.042D+02	-1.913D+04	2.064D+04	2.150D+04
Z	8	11	4	4	4	11	8	11	4	4	4	11
Z MAXIMUM	1.071D+03	-1.163D+03	-2.481D+03	-2.366D+04	-1.181D+05	3.607D+04	1.071D+03	-1.163D+03	-2.481D+03	-2.366D+04	-1.429D+05	4.770D+04
GRAND TOTAL	1.659D+04	1.160D+04	1.011D+04	2.035D+05	6.771D+05	4.547D+05	1.659D+04	1.160D+04	1.011D+04	2.035D+05	7.738D+05	5.358D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (39)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	8	8	4	8	12	8	8	8	5	8
X MAXIMUM	-4.206D+03	1.793D+03	3.938D+03	1.621D+05	-1.432D+05	-1.156D+05	-4.206D+03	1.793D+03	3.938D+03	1.621D+05	1.487D+05	-1.263D+05 3
Y	24	24	49	24	11	24	24	24	49	24	11	24
Y MAXIMUM	-1.044D+03	5.790D+02	-7.194D+02	2.116D+04	2.508D+04	2.806D+04	-1.044D+03	5.790D+02	-7.194D+02	2.116D+04	2.511D+04	2.458D+04
Z	11	11	4	4	4	11	11	11	4	4	4	11
Z MAXIMUM	1.433D+03	-9.060D+02	1.853D+03	8.611D+04	-1.575D+05	3.911D+04	1.433D+03	-9.060D+02	1.853D+03	8.611D+04	-1.464D+05	4.455D+04 3
GRAND TOTAL	2.612D+04	9.781D+03	1.698D+04	5.228D+05	7.748D+05	5.284D+05	2.612D+04	9.781D+03	1.698D+04	5.228D+05	7.732D+05	5.636D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (40)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	8	8	5	8	12	8	8	8	5	8
X MAXIMUM	-4.239D+03	1.778D+03	4.094D+03	1.621D+05	1.487D+05	-1.263D+05	-4.239D+03	1.778D+03	4.094D+03	1.621D+05	1.599D+05	-1.459D+05
Y	24	24	49	24	11	24	24	24	49	24	11	2 27
Y MAXIMUM	-1.065D+03	5.909D+02	-7.082D+02	2.116D+04	2.511D+04	2.458D+04	-1.065D+03	5.909D+02	-7.082D+02	2.116D+04	2.513D+04	1.808D+04
Z	11	11	4	4	4	11	11	11	4	4	4	11
Z MAXIMUM	1.486D+03	-9.015D+02	1.970D+03	8.611D+04	-1.464D+05	4.455D+04	1.486D+03	-9.015D+02	1.970D+03	8.611D+04	-1.248D+05	5.446D+04
GRAND TOTAL	2.655D+04	9.777D+03	1.740D+04	5.228D+05	7.732D+05	5.636D+05	2.655D+04	9.777D+03	1.740D+04	5.228D+05	7.933D+05	6.398D+0 04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (41)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	)
X	4	8	12	8	10	10	4	8	12	8	10	8
X MAXIMUM	3.313D+03	3.433D+03	-2.707D+03	1.347D+05	-7.787D+04	2.703D+04	3.313D+03	3.433D+03	-2.707D+03	1.347D+05	-5.873D+04	-4.273D+04
Y	49	24	24	24	24	24	49	24	24	24	24	24
Y MAXIMUM	6.058D+02	5.018D+02	-9.347D+02	-2.049D+04	3.991D+04	3.707D+04	6.058D+02	5.018D+02	-9.347D+02	-2.049D+04	2.963D+04	3.155D+0 3
Z	4	4	13	11	10	4	4	4	13	11	10	11
Z MAXIMUM	3.644D+03	1.156D+03	-6.132D+02	-5.373D+04	-1.372D+04	2.138D+04	3.644D+03	1.156D+03	-6.132D+02	-5.373D+04	-1.035D+04	1.583D+04
GRAND TOTAL	1.109D+04	1.389D+04	1.473D+04	5.932D+05	4.444D+05	2.512D+05	1.109D+04	1.389D+04	1.473D+04	5.932D+05	3.241D+05	3.352D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (42)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	4	8	10	8	5	8	4	8	10	8	5	8
X MAXIMUM	5.313D+03	-1.679D+03	-2.314D+03	-1.120D+04	1.801D+05	-1.671D+05	5.313D+03	-1.679D+03	-2.314D+03	-1.120D+04	1.562D+05	-1.486D+05
Y	34	25	11	34	11	49	34	25	11	34	11	49
Y MAXIMUM	-2.300D+02	1.273D+02	-3.311D+02	4.727D+03	2.779D+04	1.750D+04	-2.300D+02	1.273D+02	-3.311D+02	4.727D+03	2.415D+04	1.625D+04
Z	4	4	11	4	4	4	4	4	11	4	8	8
Z MAXIMUM	5.845D+03	-6.716D+02	-1.192D+03	-9.105D+03	-1.382D+05	-6.473D+04	5.845D+03	-6.716D+02	-1.192D+03	-9.105D+03	-1.412D+05	-5.734D+04
GRAND TOTAL	1.483D+04	5.505D+03	1.322D+04	8.367D+04	9.792D+05	5.691D+05	1.483D+04	5.505D+03	1.322D+04	8.367D+04	8.733D+05	5.100D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (43)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	4	8	10	8	5	8	4	8	10	8	4	8
X MAXIMUM	5.794D+03	-1.754D+03	-2.796D+03	-1.120D+04	1.856D+01	2.619D+02	1.760D+02	1.111D 01	1.579D+01	2.224D+01	5.487D+01	2.035D+02 1.345D+02

Y	13	49	11	34	11	49	13	49	11	34	34	24
Y MAXIMUM	-2.183D+02	1.745D+02	-3.944D+02	4.727D+03	2.415D+04	1.625D+04	-2.183D+02	1.745D+02	-3.944D+02	4.727D+03	1.192D+04	4.996D+03
Z	4	4	11	4	4	4	4	4	11	4	4	4
Z MAXIMUM	6.374D+03	-6.900D+02	-1.420D+03	-9.105D+03	-1.412D+05	-5.734D+04	6.374D+03	-6.900D+02	-1.420D+03	-9.105D+03	-1.526D+05	-1.249D+04
GRAND TOTAL	1.676D+04	5.978D+03	1.498D+04	8.367D+04	8.733D+05	5.100D+05	1.676D+04	5.978D+03	1.498D+04	8.367D+04	4.112D+05	1.254D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (44)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	4	10	8	8	8	4	8	4	8	10	12	4
X MAXIMUM	6.412D+03	3.053D+03	-1.851D+03	-1.120D+04	3.458D+04	-1.387D+05	5.124D+03	-4.446D+03	-1.851D+03	-5.868D+03	-6.459D+03	-1.011D+05
Y	13	11	49	34	24	34	13	11	49	24	32	34
Y MAXIMUM	-2.697D+02	4.308D+02	2.239D+02	4.727D+03	-4.996D+03	1.192D+04	-3.648D+02	2.848D+02	2.239D+02	-3.972D+03	-2.773D+03	1.122D+04
Z	4	11	4	4	4	4	4	4	4	34	4	4
Z MAXIMUM	7.054D+03	1.551D+03	-7.137D+02	-9.105D+03	1.249D+04	-1.526D+05	5.085D+03	-4.891D+03	-7.137D+02	2.273D+03	4.674D+03	-1.112D+05
GRAND TOTAL	1.930D+04	1.626D+04	6.716D+03	8.367D+04	1.254D+05	4.112D+05	2.150D+04	1.527D+04	6.716D+03	4.510D+04	5.470D+04	4.707D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (44)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	4	8	8	8	10
X MAXIMUM	3.053D+03	-6.412D+03	-1.851D+03	-4.301D+03	-2.768D+04	-8.165D+04
Y	11	13	49	34	24	11
Y MAXIMUM	4.308D+02	2.697D+02	2.239D+02	2.283D+03	6.703D+03	-9.947D+03
Z	11	4	4	4	8	11
Z MAXIMUM	1.551D+03	-7.054D+03	-7.137D+02	-2.495D+03	-7.552D+03	-3.581D+04
GRAND TOTAL	1.626D+04	1.930D+04	6.716D+03	2.730D+04	1.184D+05	3.436D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (45)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	4	8	10	8	10	8	4	8	8	8
X MAXIMUM	3.126D+03	-1.865D+03	6.667D+03	-4.301D+03	-8.165D+04	2.768D+04	3.126D+03	-1.865D+03	6.667D+03	-4.301D+03	1.003D+05	5.565D+04
Y	11	49	13	34	11	24	11	49	13	34	11	24
Y MAXIMUM	4.410D+02	2.234D+02	-2.941D+02	2.283D+03	-9.947D+03	-6.703D+03	4.410D+02	2.234D+02	-2.941D+02	2.283D+03	-9.552D+03	-9.884D+03
Z	11	4	4	4	11	8	11	4	4	4	4	4
Z MAXIMUM	1.588D+03	-7.169D+02	7.335D+03	-2.495D+03	-3.581D+04	7.552D+03	1.588D+03	-7.169D+02	7.335D+03	-2.495D+03	1.027D+05	1.663D+04
GRAND TOTAL	1.678D+04	6.843D+03	2.040D+04	2.730D+04	3.436D+05	1.184D+05	1.678D+04	6.843D+03	2.040D+04	2.730D+04	4.314D+05	2.103D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (46)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	8	8	10	8	8	8	10	10
X MAXIMUM	3.268D+03	3.979D+02	-7.563D+02	-4.301D+03	1.003D+05	5.565D+04	3.268D+03	3.979D+02	-7.563D+02	-4.301D+03	-7.068D+04	-3.405D+04
Y	11	49	34	34	11	24	11	49	34	34	34	34
Y MAXIMUM	4.606D+02	-1.725D+02	-3.070D+02	2.283D+03	-9.552D+03	-9.884D+03	4.606D+02	-1.725D+02	-3.070D+02	2.283D+03	-1.811D+04	-1.344D+04
Z	11	11	4	4	4	4	11	11	4	4	4	11
Z MAXIMUM	1.658D+03	1.134D+02	-5.890D+02	-2.495D+03	1.027D+05	1.663D+04	1.658D+03	1.134D+02	-5.890D+02	-2.495D+03	5.659D+04	-1.645D+04
GRAND TOTAL	1.790D+04	3.053D+03	3.453D+03	2.730D+04	4.314D+05	2.103D+05	1.790D+04	3.053D+03	3.453D+03	2.730D+04	4.280D+05	2.077D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (47)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	8	8	8	10	10	10	10	8	10	10	10
X MAXIMUM	3.410D+03	5.455D+02	4.531D+02	-4.301D+03	3.405D+04	-7.068D+04	3.102D+03	-1.422D+03	4.531D+02	1.520D+04	3.130D+04	-6.421D+04
Y	25	49	24	34	34	34	25	11	24	34	34	34
Y MAXIMUM	-4.942D+02	-3.791D+01	-1.038D+02	2.283D+03	1.344D+04	-1.811D+04	-4.651D+02	-1.969D+02	-1.038D+02	7.268D+03	1.163D+04	-1.826D+04
Z	11	4	8	4	11	4	11	11	8	11	11	4
Z MAXIMUM	1.728D+03	4.236D+02	1.236D+02	-2.495D+03	1.645D+04	5.659D+04	1.577D+03	-7.089D+02	1.236D+02	7.722D+03	1.509D+04	5.360D+04
GRAND TOTAL	1.915D+04	1.659D+03	1.994D+03	2.730D+04	2.077D+05	4.280D+05	1.787D+04	6.946D+03	1.994D+03	8.788D+04	1.928D+05	3.999D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (47)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	8	10	10	10
X MAXIMUM	2.321D+03	-2.501D+03	4.531D+02	2.616D+04	2.378D+04	-4.782D+04
Y	25	11	24	34	34	34
Y MAXIMUM	-3.651D+02	-3.496D+02	-1.038D+02	1.118D+04	8.052D+03	-1.811D+04
Z	11	11	8	11	11	4
Z MAXIMUM	1.186D+03	-1.258D+03	1.236D+02	1.300D+04	1.144D+04	5.192D+04
GRAND TOTAL	1.388D+04	1.324D+04	1.994D+03	1.544D+05	1.506D+05	3.345D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (48)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	10	10	10	10	10	8	10	10	8	10
X MAXIMUM	2.315D+03	4.698D+02	2.572D+03	2.616D+04	-4.782D+04	-2.378D+04	2.315D+03	4.698D+02	2.572D+03	2.616D+04	5.318D+04	-2.448D+04
Y	25	24	25	34	34	34	25	24	25	34	34	34
Y MAXIMUM	-3.675D+02	-1.095D+02	-3.598D+02	1.118D+04	-1.811D+04	-8.052D+03	-3.675D+02	-1.095D+02	-3.598D+02	1.118D+04	-1.616D+04	-7.263D+03
Z	11	8	11	11	4	11	11	8	11	11	4	11
Z MAXIMUM	1.187D+03	1.282D+02	1.290D+03	1.300D+04	5.192D+04	-1.144D+04	1.187D+03	1.282D+02	1.290D+03	1.300D+04	5.071D+04	-1.201D+04
GRAND TOTAL	1.408D+04	1.896D+03	1.360D+04	1.544D+05	3.345D+05	1.506D+05	1.408D+04	1.896D+03	1.360D+04	1.544D+05	2.211D+05	1.538D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (49)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	10	8	10	10	8	10	10	8	8	10	8
X MAXIMUM	2.309D+03	2.631D+03	-4.814D+02	2.616D+04	-2.448D+04	-5.318D+04	3.140D+03	1.547D+03	-4.814D+02	-1.709D+04	-3.262D+04	-5.682D+04
Y	25	25	24	34	34	34	25	24	24	34	34	34
Y MAXIMUM	-3.698D+02	-3.821D+02	1.109D+02	1.118D+04	-7.263D+03	1.616D+04	-4.879D+02	-2.135D+02	1.109D+02	7.728D+03	-1.011D+04	1.454D+04
Z	11	11	8	11	11	4	11	11	8	11	11	4
Z MAXIMUM	1.189D+03	1.316D+03	-1.313D+02	1.300D+04	-1.201D+04	-5.071D+04	1.602D+03	7.613D+02	-1.313D+02	7.397D+03	-1.616D+04	-4.962D+04
GRAND TOTAL	1.432D+04	1.397D+04	1.961D+03	1.544D+05	1.538D+05	2.211D+05	1.850D+04	7.603D+03	1.961D+03	9.598D+04	1.980D+05	2.568D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (49)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	10	8
X MAXIMUM	3.493D+03	-4.484D+02	-4.814D+02	-1.554D+04	-3.578D+04	-5.556D+04
Y	25	34	24	34	34	34
Y MAXIMUM	-5.317D+02	1.570D+02	1.109D+02	3.448D+03	-1.141D+04	1.308D+04
Z	11	4	8	4	11	4
Z MAXIMUM	1.771D+03	-3.454D+02	-1.313D+02	-5.548D+03	-1.786D+04	-4.729D+04
GRAND TOTAL	1.991D+04	2.186D+03	1.961D+03	5.788D+04	2.125D+05	2.701D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (50)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	8	10	10	8	8	8	8	10
X MAXIMUM	3.525D+03	4.888D+02	-4.198D+02	-1.554D+04	5.556D+04	-3.578D+04	3.525D+03	4.888D+02	-4.198D+02	-1.554D+04	4.914D+04	-3.513D+04
Y	25	34	34	34	34	34	25	34	34	34	34	34
Y MAXIMUM	-5.469D+02	-1.676D+02	2.416D+02	3.448D+03	-1.308D+04	-1.141D+04	-5.469D+02	-1.676D+02	2.416D+02	3.448D+03	-9.384D+03	-8.846D+03
Z	11	4	4	4	4	11	11	4	4	4	4	11
Z MAXIMUM	1.788D+03	1.335D+02	-3.211D+02	-5.548D+03	4.729D+04	-1.786D+04	1.788D+03	1.335D+02	-3.211D+02	-5.548D+03	4.238D+04	-1.772D+04
GRAND TOTAL	2.022D+04	2.225D+03	2.686D+03	5.788D+04	2.701D+05	2.125D+05	2.022D+04	2.225D+03	2.686D+03	5.788D+04	2.482D+05	2.072D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (51)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	33	8	8	10	10	8	33	8	10	10
X MAXIMUM	3.578D+03	4.965D+02	-5.101D+02	-1.554D+04	4.914D+04	-3.513D+04	3.578D+03	4.965D+02	-5.101D+02	-1.554D+04	3.553D+04	-3.131D+04

Y	25	34	34	34	34	34	25	34	34	34	34	24
Y MAXIMUM	-5.728D+02	-2.496D+02	3.663D+02	3.448D+03	-9.384D+03	-8.846D+03	-5.728D+02	-2.496D+02	3.663D+02	3.448D+03	4.901D+03	6.624D+03
Z	11	34	4	4	11	11	34	4	4	4	4	11
Z MAXIMUM	1.817D+03	-1.517D+02	-2.920D+02	-5.548D+03	4.238D+04	-1.772D+04	1.817D+03	-1.517D+02	-2.920D+02	-5.548D+03	3.099D+04	-1.625D+04
GRAND TOTAL	2.074D+04	2.718D+03	3.496D+03	5.788D+04	2.482D+05	2.072D+05	2.074D+04	2.718D+03	3.496D+03	5.788D+04	2.108D+05	2.067D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (52)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	32	33	8	4	10	10	10	33	10	12	8
X MAXIMUM	3.648D+03	-3.721D+02	-5.334D+02	-1.554D+04	2.509D+04	-4.157D+04	2.567D+03	-2.592D+03	-5.334D+02	1.904D+04	-2.057D+04	-2.789D+04
Y	25	32	34	34	34	24	24	25	34	34	34	24
Y MAXIMUM	-6.066D+02	-1.946D+02	5.274D+02	3.448D+03	4.910D+03	7.762D+03	-4.514D+02	4.131D+02	5.274D+02	9.154D+03	8.865D+03	6.380D+03
Z	11	32	34	4	4	11	11	11	34	4	4	4
Z MAXIMUM	1.855D+03	-9.264D+01	3.205D+02	-5.548D+03	2.760D+04	-2.060D+04	1.304D+03	-1.319D+03	3.205D+02	1.366D+04	1.877D+04	-1.359D+04
GRAND TOTAL	2.143D+04	2.867D+03	3.953D+03	5.788D+04	1.464D+05	2.609D+05	1.517D+04	1.546D+04	3.953D+03	1.031D+05	1.547D+05	1.653D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (52)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	32	10	33	10	12	10
X MAXIMUM	-3.721D+02	-3.648D+03	-5.334D+02	3.004D+04	-8.738D+03	3.540D+04
Y	32	25	34	34	34	32
Y MAXIMUM	-1.946D+02	6.066D+02	5.274D+02	1.599D+04	7.628D+03	9.710D+03
Z	32	11	34	4	34	11
Z MAXIMUM	-9.264D+01	-1.855D+03	3.205D+02	2.099D+04	4.635D+03	1.858D+04
GRAND TOTAL	2.867D+03	2.143D+04	3.953D+03	1.974D+05	7.839D+04	2.283D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (53)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	32	33	10	10	10	12	32	33	10	10	10	33
X MAXIMUM	-3.725D+02	5.550D+02	-3.681D+03	3.004D+04	-3.540D+04	-8.738D+03	-3.725D+02	5.550D+02	-3.681D+03	3.004D+04	-1.642D+05	-2.575D+04
Y	32	34	25	34	32	34	32	34	25	34	25	34
Y MAXIMUM	-1.948D+02	-5.510D+02	6.232D+02	1.599D+04	-9.711D+03	7.628D+03	-1.948D+02	-5.510D+02	6.232D+02	1.599D+04	2.661D+04	2.691D+04
Z	32	34	11	4	11	34	32	34	11	4	11	34
Z MAXIMUM	-9.275D+01	-3.348D+02	-1.873D+03	2.099D+04	-1.858D+04	4.635D+03	-9.275D+01	-3.348D+02	-1.873D+03	2.099D+04	-8.413D+04	1.635D+04
GRAND TOTAL	2.870D+03	4.091D+03	2.175D+04	1.974D+05	2.283D+05	7.839D+04	2.870D+03	4.091D+03	2.175D+04	1.974D+05	9.627D+05	2.128D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (54)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	18	8	8	8	18	18	18	8	8	8	8
X MAXIMUM	-1.447D+03	-6.938D+02	-2.457D+03	-5.591D+04	2.170D+05	-2.935D+04	-1.447D+03	-6.938D+02	-2.457D+03	-5.591D+04	1.368D+05	-1.872D+04
Y	18	46	46	46	46	46	18	46	46	46	46	31
Y MAXIMUM	-4.304D+02	2.125D+02	-2.062D+02	3.418D+03	1.464D+04	1.428D+04	-4.304D+02	2.125D+02	-2.062D+02	3.418D+03	7.908D+03	-7.524D+03
Z	18	18	8	8	8	18	18	18	8	8	8	8
Z MAXIMUM	-3.467D+02	-1.663D+02	-6.703D+02	-1.525D+04	5.920D+04	-7.035D+03	-3.467D+02	-1.663D+02	-6.703D+02	-1.525D+04	3.733D+04	-5.108D+03
GRAND TOTAL	3.019D+03	2.083D+03	8.378D+03	1.714D+05	7.208D+05	1.456D+05	3.019D+03	2.083D+03	8.378D+03	1.714D+05	4.480D+05	7.866D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (55)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	18	8	8	8	8	18	18	8	8	8	18
X MAXIMUM	-1.446D+03	-6.790D+02	-2.403D+03	-5.591D+04	1.368D+05	-1.872D+04	-1.446D+03	-6.790D+02	-2.403D+03	-5.591D+04	3.590D+04	2.180D+04
Y	18	18	46	46	46	31	18	18	46	46	11	18
Y MAXIMUM	-4.301D+02	-2.020D+02	-1.771D+02	3.418D+03	7.908D+03	-7.524D+03	-4.301D+02	-2.020D+02	-1.771D+02	3.418D+03	1.426D+03	6.485D+03
Z	18	18	8	8	8	8	18	18	8	8	8	18
Z MAXIMUM	-3.465D+02	-1.628D+02	-6.557D+02	-1.525D+04	3.733D+04	-5.108D+03	-3.465D+02	-1.628D+02	-6.557D+02	-1.525D+04	9.795D+03	5.225D+03
GRAND TOTAL	3.017D+03	1.996D+03	8.140D+03	1.714D+05	4.480D+05	7.866D+04	3.017D+03	1.996D+03	8.140D+03	1.714D+05	1.170D+05	6.837D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (56)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	18	8	8	8	18	18	18	8	8	18	18
X MAXIMUM	-1.449D+03	-6.463D+02	-2.232D+03	-5.641D+04	3.590D+04	2.173D+04	-1.449D+03	-6.463D+02	-2.232D+03	-5.641D+04	-5.445D+03	3.293D+04
Y	18	18	46	46	11	18	18	18	46	46	18	18
Y MAXIMUM	-4.310D+02	-1.923D+02	-8.901D+01	3.399D+03	1.426D+03	6.463D+03	-4.310D+02	-1.923D+02	-8.901D+01	3.399D+03	-1.620D+03	9.797D+03
Z	18	18	8	8	8	18	18	18	8	8	18	18
Z MAXIMUM	-3.473D+02	-1.549D+02	-6.090D+02	-1.539D+04	9.795D+03	5.207D+03	-3.473D+02	-1.549D+02	-6.090D+02	-1.539D+04	-1.305D+03	7.893D+03
GRAND TOTAL	2.938D+03	1.753D+03	7.301D+03	1.735D+05	1.170D+05	6.338D+04	2.938D+03	1.753D+03	7.301D+03	1.735D+05	2.240D+04	8.134D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (57)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	18	18	8	8	18	18	18	18	8	8	8	18
X MAXIMUM	-1.436D+03	-6.173D+02	-2.018D+03	-5.556D+04	-5.445D+03	3.301D+04	-1.452D+03	5.786D+02	-2.018D+03	-5.368D+04	7.334D+03	3.334D+04
Y	18	18	11	46	18	18	18	18	11	11	46	18
Y MAXIMUM	-4.271D+02	-1.836D+02	-7.855D+01	3.562D+03	-1.620D+03	9.819D+03	-4.319D+02	1.721D+02	-7.855D+01	-1.932D+03	-3.079D+03	9.919D+03
Z	18	18	8	8	18	18	18	18	8	8	4	18
Z MAXIMUM	-3.441D+02	-1.480D+02	-5.506D+02	-1.516D+04	-1.305D+03	7.911D+03	-3.479D+02	1.387D+02	-5.506D+02	-1.465D+04	-2.773D+03	7.991D+03
GRAND TOTAL	3.114D+03	1.523D+03	6.579D+03	1.700D+05	2.240D+04	8.906D+04	2.991D+03	1.560D+03	6.579D+03	1.742D+05	3.307D+04	8.592D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (57)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	18	8	8	8	18
X MAXIMUM	-6.173D+02	1.436D+03	-2.018D+03	-4.519D+04	1.318D+04	1.582D+04
Y	18	18	11	18	46	18
Y MAXIMUM	-1.837D+02	4.271D+02	-7.855D+01	-2.831D+03	-3.280D+03	4.707D+03
Z	18	18	8	8	4	4
Z MAXIMUM	-1.480D+02	3.441D+02	-5.506D+02	-1.233D+04	-3.897D+03	4.775D+03
GRAND TOTAL	1.523D+03	3.114D+03	6.579D+03	1.592D+05	4.229D+04	5.100D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (58)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	18	8	8	8	18	18	18	8	8	8	12
X MAXIMUM	-6.347D+02	1.265D+03	-1.625D+03	-4.519D+04	1.102D+04	1.625D+04	-6.347D+02	1.265D+03	-1.625D+03	-4.519D+04	-6.856D+03	3.795D+03
Y	18	18	18	18	46	18	18	18	18	18	31	31
Y MAXIMUM	-1.888D+02	3.764D+02	-1.612D+02	-2.831D+03	-3.550D+03	4.834D+03	-1.888D+02	3.764D+02	-1.612D+02	-2.831D+03	2.741D+03	2.547D+03
Z	18	18	8	8	8	4	18	18	8	8	8	4
Z MAXIMUM	-1.521D+02	3.032D+02	-4.433D+02	-1.233D+04	3.006D+03	5.621D+03	-1.521D+02	3.032D+02	-4.433D+02	-1.233D+04	-1.871D+03	3.421D+03
GRAND TOTAL	1.555D+03	3.597D+03	5.770D+03	1.592D+05	3.623D+04	5.480D+04	1.555D+03	3.597D+03	5.770D+03	1.592D+05	3.684D+04	2.514D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (59)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	18	8	18	8	12	8	8	8	18	8	8	8
X MAXIMUM	-6.519D+02	-1.333D+03	-1.140D+03	-4.519D+04	3.795D+03	6.856D+03	-9.479D+02	-9.372D+02	-1.140D+03	-3.075D+04	3.764D+04	2.660D+04
Y	18	18	18	18	31	31	18	46	18	18	18	18
Y MAXIMUM	-1.939D+02	-1.538D+02	-3.391D+02	-2.831D+03	2.547D+03	-2.741D+03	-2.459D+02	2.298D+02	-3.391D+02	-3.597D+03	-2.543D+03	2.720D+03
Z	18	8	18	8	4	8	8	8	18	8	8	8
Z MAXIMUM	-1.563D+02	-3.637D+02	-2.732D+02	-1.233D+04	3.421D+03	1.871D+03	-2.586D+02	-2.557D+02	-2.732D+02	-8.390D+03	1.027D+04	7.258D+03
GRAND TOTAL	1.675D+03	4.829D+03	3.086D+03	1.592D+05	2.514D+04	3.684D+04	4.317D+03	2.956D+03	3.086D+03	1.122D+05	1.360D+05	9.622D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (59)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	18	18	8	8
X MAXIMUM	-1.333D+03	6.519D+02	-1.140D+03	-2.161D+04	5.601D+04	3.469D+04

Y	18	18	18	18	18	46
Y MAXIMUM	-1.538D+02	1.939D+02	-3.391D+02	-6.428D+03	-4.291D+03	-4.282D+03
Z	8	18	18	18	8	8
Z MAXIMUM	-3.637D+02	1.563D+02	-2.732D+02	-5.179D+03	1.528D+04	9.465D+03
GRAND TOTAL	4.829D+03	1.675D+03	3.086D+03	6.457D+04	1.898D+05	1.103D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (60)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	18	18	8	8	8	18	18	18	8	8
X MAXIMUM	-1.001D+03	-6.662D+02	9.036D+02	-2.161D+04	-5.601D+04	-3.469D+04	-1.001D+03	-6.662D+02	9.036D+02	-2.161D+04	-5.962D+04	-3.473D+04
Y	18	46	18	18	18	46	18	46	18	18	18	46
Y MAXIMUM	-1.449D+02	-2.334D+02	2.688D+02	-6.428D+03	4.291D+03	4.282D+03	-1.449D+02	-2.334D+02	2.688D+02	-6.428D+03	7.248D+03	6.849D+03
Z	8	18	18	18	8	8	8	18	18	18	8	8
Z MAXIMUM	-2.730D+02	-1.597D+02	2.166D+02	-5.179D+03	-1.528D+04	-9.465D+03	-2.730D+02	-1.597D+02	2.166D+02	-5.179D+03	-1.627D+04	-9.475D+03
GRAND TOTAL	3.748D+03	1.796D+03	2.245D+03	6.457D+04	1.898D+05	1.103D+05	3.748D+03	1.796D+03	2.245D+03	6.457D+04	2.086D+05	1.116D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (61)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	12	20	9	8	8	18	12	20	8	8
X MAXIMUM	-1.048D+02	9.590D+01	-5.979D+01	4.531D+03	-1.660D+04	1.488D+04	-1.048D+02	9.590D+01	-5.979D+01	4.531D+03	-1.699D+04	1.454D+04
Y	31	16	16	14	14	18	31	16	16	14	14	18
Y MAXIMUM	-1.651D+02	-4.472D+01	2.582D+01	-3.590D+03	2.520D+03	-3.671D+03	-1.651D+02	-4.472D+01	2.582D+01	-3.590D+03	2.457D+03	-3.938D+03
Z	26	4	22	14	8	4	26	4	22	14	8	4
Z MAXIMUM	-4.212D+01	-3.367D+01	1.634D+01	-5.837D+02	-4.529D+03	-6.239D+03	-4.212D+01	-3.367D+01	1.634D+01	-5.837D+02	-4.636D+03	-5.923D+03
GRAND TOTAL	1.020D+03	4.142D+02	3.981D+02	1.759D+04	5.664D+04	5.912D+04	1.020D+03	4.142D+02	3.981D+02	1.759D+04	5.851D+04	5.917D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (62)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	18	18	8	8	8	18	18	18	8	8
X MAXIMUM	-7.713D+02	-6.328D+02	6.746D+02	-9.267D+03	-5.761D+04	-1.813D+04	-7.713D+02	-6.328D+02	6.746D+02	-9.267D+03	-6.046D+04	-1.936D+04
Y	46	46	18	18	18	46	46	46	18	18	18	46
Y MAXIMUM	1.276D+02	-3.712D+02	2.007D+02	-2.757D+03	7.132D+03	5.818D+03	1.276D+02	-3.712D+02	2.007D+02	-2.757D+03	9.339D+03	9.901D+03
Z	8	18	18	4	8	8	8	18	18	4	8	8
Z MAXIMUM	-2.104D+02	-1.517D+02	1.617D+02	5.946D+03	-1.572D+04	-4.946D+03	-2.104D+02	-1.517D+02	1.617D+02	5.946D+03	-1.650D+04	-5.281D+03
GRAND TOTAL	2.923D+03	2.456D+03	1.803D+03	4.320D+04	2.101D+05	6.433D+04	2.923D+03	2.456D+03	1.803D+03	4.320D+04	2.239D+05	8.001D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (63)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	18	18	8	8	8	18	18	18	8	8
X MAXIMUM	-6.374D+02	-6.340D+02	5.808D+02	-9.267D+03	-6.046D+04	-1.936D+04	-6.374D+02	-6.340D+02	5.808D+02	-9.267D+03	-6.166D+04	-2.009D+04
Y	46	46	18	18	18	46	46	46	18	18	18	46
Y MAXIMUM	1.257D+02	-3.750D+02	1.728D+02	-2.757D+03	9.339D+03	9.901D+03	1.257D+02	-3.750D+02	1.728D+02	-2.757D+03	1.046D+04	1.234D+04
Z	8	18	18	4	8	8	8	18	18	4	8	4
Z MAXIMUM	-1.739D+02	-1.519D+02	1.392D+02	5.946D+03	-1.650D+04	-5.281D+03	-1.739D+02	-1.519D+02	1.392D+02	5.946D+03	-1.682D+04	5.708D+03
GRAND TOTAL	2.498D+03	2.469D+03	1.556D+03	4.320D+04	2.239D+05	8.001D+04	2.498D+03	2.469D+03	1.556D+03	4.320D+04	2.298D+05	9.127D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (64)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	18	8	8	8	8	8	18	8	18
X MAXIMUM	6.686D+02	-1.337D+02	5.351D+02	-9.267D+03	-6.166D+04	-2.009D+04	6.686D+02	-1.337D+02	5.351D+02	-9.267D+03	2.616D+04	-4.806D+03
Y	23	31	18	18	18	46	23	31	18	18	23	31
Y MAXIMUM	1.140D+02	1.466D+02	-9.618D+01	-2.757D+03	1.046D+04	1.234D+04	1.140D+02	1.466D+02	-9.618D+01	-2.757D+03	7.704D+03	-2.790D+04
Z	22	8	8	4	8	4	22	8	8	4	22	18
Z MAXIMUM	-2.495D+02	-3.647D+01	1.460D+02	5.946D+03	-1.682D+04	5.708D+03	-2.495D+02	-3.647D+01	1.460D+02	5.946D+03	-1.629D+04	-1.152D+03
GRAND TOTAL	4.035D+03	8.223D+02	2.564D+03	4.320D+04	2.298D+05	9.127D+04	4.035D+03	8.223D+02	2.564D+03	4.320D+04	1.976D+05	5.937D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (65)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	12	18	8	18	8	8	12	18	12	8
X MAXIMUM	2.564D+03	-1.133D+02	-6.493D+02	-9.267D+03	2.616D+04	-4.806D+03	2.564D+03	-1.133D+02	-6.493D+02	-9.267D+03	-3.010D+04	1.136D+04
Y	23	31	23	18	23	31	23	31	23	18	18	31
Y MAXIMUM	1.986D+02	-7.598D+02	-1.609D+02	-2.757D+03	7.704D+03	-2.790D+04	1.986D+02	-7.598D+02	-1.609D+02	-2.757D+03	-7.277D+03	3.592D+04
Z	8	4	4	4	22	18	8	4	4	4	4	4
Z MAXIMUM	6.995D+02	8.479D+01	-5.009D+02	5.946D+03	-1.629D+04	-1.152D+03	6.995D+02	8.479D+01	-5.009D+02	5.946D+03	-3.086D+04	-7.093D+03
GRAND TOTAL	1.067D+04	1.504D+03	3.569D+03	4.320D+04	1.976D+05	5.937D+04	1.067D+04	1.504D+03	3.569D+03	4.320D+04	2.163D+05	7.986D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (66)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	12	8	18	8	12	8	4	8	18	8	12
X MAXIMUM	3.676D+03	5.055D+02	-9.453D+01	-9.267D+03	-1.136D+04	-3.010D+04	3.686D+03	3.705D+02	-9.453D+01	-9.043D+03	-1.374D+04	-4.368D+04
Y	23	13	46	18	31	18	23	18	46	18	31	23
Y MAXIMUM	2.473D+02	5.321D+01	-2.256D+01	-2.757D+03	-3.592D+04	-7.277D+03	2.503D+02	-4.964D+01	-2.256D+01	-2.690D+03	-3.597D+04	-7.017D+03
Z	8	4	4	4	4	4	8	4	4	4	4	4
Z MAXIMUM	1.003D+03	3.756D+02	8.100D+01	5.946D+03	7.093D+03	-3.086D+04	1.006D+03	4.076D+02	8.100D+01	6.573D+03	9.129D+03	-4.304D+04
GRAND TOTAL	1.460D+04	2.431D+03	5.040D+02	4.320D+04	7.986D+04	2.163D+05	1.473D+04	1.713D+03	5.040D+02	4.490D+04	9.060D+04	2.537D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (66)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	4	8	8	8	12
X MAXIMUM	3.674D+03	3.974D+02	-9.453D+01	-8.967D+03	-1.603D+04	-5.291D+04
Y	23	18	46	31	31	23
Y MAXIMUM	2.518D+02	-4.913D+01	-2.256D+01	-2.976D+03	-3.581D+04	-7.624D+03
Z	8	4	4	4	4	4
Z MAXIMUM	1.002D+03	4.372D+02	8.100D+01	7.356D+03	1.111D+04	-5.618D+04
GRAND TOTAL	1.478D+04	1.636D+03	5.040D+02	5.061D+04	1.012D+05	2.916D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (67)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	18	30	8	8	12	8	8	30	8	8	4
X MAXIMUM	4.655D+03	-3.702D+02	9.273D+01	-8.967D+03	-1.603D+04	-5.291D+04	4.628D+03	-5.291D+02	9.273D+01	-1.031D+04	-1.789D+04	-6.158D+04
Y	23	23	31	31	31	23	23	23	31	31	31	13
Y MAXIMUM	2.745D+02	-1.182D+02	6.832D+02	-2.976D+03	-3.581D+04	-7.624D+03	2.643D+02	-1.396D+02	6.832D+02	-4.940D+03	-1.371D+04	-5.684D+03
Z	8	4	4	4	4	4	8	4	4	4	4	4
Z MAXIMUM	1.270D+03	3.428D+02	7.983D+01	7.356D+03	1.111D+04	-5.618D+04	1.263D+03	3.826D+02	7.983D+01	8.314D+03	1.303D+04	-6.775D+04
GRAND TOTAL	1.819D+04	2.189D+03	1.282D+03	5.061D+04	1.012D+05	2.916D+05	1.806D+04	3.050D+03	1.282D+03	5.712D+04	8.866D+04	2.727D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (67)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	30	8	8	4
X MAXIMUM	4.571D+03	-8.940D+02	9.273D+01	-1.180D+04	-1.964D+04	-7.321D+04
Y	23	23	31	31	31	13
Y MAXIMUM	2.524D+02	-1.601D+02	6.832D+02	-5.148D+03	8.470D+03	-5.110D+03
Z	8	4	4	4	4	4
Z MAXIMUM	1.247D+03	4.200D+02	7.983D+01	9.421D+03	1.488D+04	-8.054D+04
GRAND TOTAL	1.788D+04	4.348D+03	1.282D+03	6.297D+04	9.495D+04	2.921D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (68)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	30	8	8	4	8	8	30	8	8	4
X MAXIMUM	-8.939D+03	-9.144D+02	1.109D+02	-1.180D+04	-1.964D+04	-7.321D+04	-8.951D+03	-7.869D+02	1.109D+02	-1.208D+04	-1.993D+04	-7.548D+04

Y	11	23	31	31	31	13	11	23	31	31	31	13
Y MAXIMUM	-2.380D+02	-2.134D+02	8.093D+02	-5.148D+03	8.470D+03	-5.110D+03	-2.385D+02	-2.168D+02	8.093D+02	-4.994D+03	1.318D+04	-4.997D+03
Z	4	22	4	4	4	4	4	22	4	4	4	4
Z MAXIMUM	2.492D+03	4.650D+02	7.932D+01	9.421D+03	1.488D+04	-8.054D+04	2.498D+03	4.723D+02	7.932D+01	9.635D+03	1.519D+04	-8.304D+04
GRAND TOTAL	2.514D+04	4.645D+03	1.471D+03	6.297D+04	9.495D+04	2.921D+05	2.517D+04	4.334D+03	1.471D+03	6.394D+04	1.008D+05	3.056D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (68)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	30	8	8	4
X MAXIMUM	-8.961D+03	-6.592D+02	1.109D+02	-1.237D+04	-2.021D+04	-7.756D+04
Y	11	23	31	31	31	13
Y MAXIMUM	-2.389D+02	-2.201D+02	8.093D+02	-4.772D+03	1.789D+04	-4.893D+03
Z	4	22	4	4	4	4
Z MAXIMUM	2.504D+03	4.794D+02	7.932D+01	9.854D+03	1.551D+04	-8.533D+04
GRAND TOTAL	2.520D+04	4.024D+03	1.471D+03	6.489D+04	1.070D+05	3.198D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (69)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	12	30	8	8	4	8	12	30	8	8	4
X MAXIMUM	-8.743D+03	-1.749D+03	1.147D+02	-1.237D+04	-2.021D+04	-7.756D+04	-8.732D+03	-1.730D+03	1.147D+02	-1.279D+04	-2.060D+04	-6.563D+04
Y	23	13	31	31	31	13	23	13	31	31	31	18
Y MAXIMUM	2.318D+02	-1.892D+02	8.353D+02	-4.772D+03	1.789D+04	-4.893D+03	2.342D+02	-1.873D+02	8.353D+02	-4.336D+03	2.483D+04	3.873D+03
Z	4	4	4	4	4	4	4	4	4	4	4	4
Z MAXIMUM	2.470D+03	-1.575D+03	7.919D+01	9.854D+03	1.551D+04	-8.533D+04	2.437D+03	-1.625D+03	7.919D+01	1.018D+04	1.596D+04	-7.221D+04
GRAND TOTAL	2.449D+04	7.436D+03	1.510D+03	6.489D+04	1.070D+05	3.198D+05	2.455D+04	7.619D+03	1.510D+03	6.624D+04	1.164D+05	2.638D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (69)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	12	30	8	8	8
X MAXIMUM	-8.717D+03	-1.710D+03	1.147D+02	-1.321D+04	-2.098D+04	5.672D+04
Y	23	13	31	31	31	18
Y MAXIMUM	2.364D+02	-1.853D+02	8.353D+02	-3.759D+03	3.177D+04	3.425D+03
Z	4	4	4	4	4	4
Z MAXIMUM	2.404D+03	-1.674D+03	7.919D+01	1.051D+04	1.639D+04	-5.868D+04
GRAND TOTAL	2.460D+04	7.844D+03	1.510D+03	6.758D+04	1.261D+05	2.078D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (70)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	12	18	8	8	8	8	4	18	8	8	12
X MAXIMUM	-7.948D+03	-1.485D+03	-5.748D+01	-1.321D+04	-2.098D+04	5.672D+04	-7.837D+03	-1.599D+03	-5.748D+01	-1.520D+04	-1.801D+04	4.262D+04
Y	23	13	31	31	31	18	23	13	31	18	31	40
Y MAXIMUM	2.348D+02	-1.607D+02	-2.312D+02	-3.759D+03	3.177D+04	3.425D+03	2.389D+02	-1.529D+02	-2.312D+02	-2.152D+03	2.251D+04	6.522D+03
Z	4	4	11	4	4	4	8	4	11	4	4	13
Z MAXIMUM	2.288D+03	-1.534D+03	-1.620D+01	1.051D+04	1.639D+04	-5.868D+04	-2.138D+03	-1.759D+03	-1.620D+01	1.214D+04	1.562D+04	1.019D+04
GRAND TOTAL	2.211D+04	6.553D+03	6.107D+02	6.758D+04	1.261D+05	2.078D+05	2.217D+04	7.612D+03	6.107D+02	7.412D+04	1.013D+05	1.551D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (70)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	18	8	8	12
X MAXIMUM	-7.644D+03	2.280D+03	-5.748D+01	-1.688D+04	-1.485D+04	9.859D+04
Y	23	13	31	18	31	13
Y MAXIMUM	2.405D+02	-1.435D+02	-2.312D+02	-2.048D+03	1.301D+04	1.072D+04
Z	8	4	11	4	4	4
Z MAXIMUM	-2.086D+03	-1.966D+03	-1.620D+01	1.369D+04	1.469D+04	8.560D+04
GRAND TOTAL	2.201D+04	8.662D+03	6.107D+02	8.071D+04	7.678D+04	4.361D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (71)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	18	8	8	12	8	8	18	8	8	8
X MAXIMUM	-6.538D+03	1.472D+03	-6.185D+01	-1.688D+04	-1.485D+04	9.859D+04	-6.384D+03	2.040D+03	-6.185D+01	-1.810D+04	-1.273D+04	-1.273D+05
Y	23	40	31	18	31	13	23	40	31	18	31	13
Y MAXIMUM	2.239D+02	1.706D+02	-4.025D+02	-2.048D+03	1.301D+04	1.072D+04	2.200D+02	1.873D+02	-4.025D+02	-2.000D+03	-1.299D+03	1.211D+04
Z	4	4	4	4	4	4	8	4	4	4	4	4
Z MAXIMUM	1.847D+03	-1.213D+03	1.535D+01	1.369D+04	1.469D+04	8.560D+04	-1.742D+03	-1.370D+03	1.535D+01	1.495D+04	1.397D+04	1.312D+05
GRAND TOTAL	1.793D+04	5.054D+03	7.787D+02	8.071D+04	7.678D+04	4.361D+05	1.756D+04	6.451D+03	7.787D+02	8.560D+04	5.699D+04	5.854D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (71)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	18	8	4	8
X MAXIMUM	-6.181D+03	2.591D+03	-6.185D+01	-1.912D+04	1.195D+04	-2.091D+05
Y	23	40	31	18	31	13
Y MAXIMUM	2.145D+02	2.027D+02	-4.025D+02	-1.994D+03	-1.560D+04	1.336D+04
Z	8	4	4	4	4	4
Z MAXIMUM	-1.686D+03	-1.517D+03	1.535D+01	1.614D+04	1.315D+04	1.822D+05
GRAND TOTAL	1.706D+04	7.811D+03	7.787D+02	8.955D+04	5.891D+04	7.978D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (72)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-5.572D+03	-4.058D+03	-2.058D+03	-1.940D+04	-2.286D+05	4.758D+04	-5.572D+03	-4.058D+03	-2.058D+03	-1.940D+04	-2.378D+05	6.559D+04
Y	23	24	40	18	13	31	23	24	40	18	13	31
Y MAXIMUM	2.007D+02	2.201D+02	-2.574D+02	-1.996D+03	1.329D+04	1.405D+04	2.007D+02	2.201D+02	-2.574D+02	-1.996D+03	1.322D+04	1.330D+04
Z	4	8	4	4	4	4	4	8	4	4	4	8
Z MAXIMUM	1.634D+03	-1.107D+03	9.892D+02	1.635D+04	1.920D+05	-1.588D+04	1.634D+03	-1.107D+03	9.892D+02	1.635D+04	1.964D+05	1.789D+04
GRAND TOTAL	1.463D+04	1.017D+04	6.489D+03	9.034D+04	8.480D+05	1.182D+05	1.463D+04	1.017D+04	6.489D+03	9.034D+04	8.716D+05	1.611D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (73)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	8	8	8	12	12	8	8	8	12	8
X MAXIMUM	6.411D+03	-4.036D+03	6.149D+03	1.871D+05	-1.447D+05	-1.239D+05	6.411D+03	-4.036D+03	6.149D+03	1.871D+05	-1.905D+05	2.076D+05
Y	13	31	13	13	40	13	13	31	13	13	11	24
Y MAXIMUM	6.794D+02	2.621D+02	-5.653D+02	-1.289D+04	-9.978D+03	-1.278D+04	6.794D+02	2.621D+02	-5.653D+02	-1.289D+04	-2.090D+04	-1.792D+04
Z	4	8	4	4	4	4	4	8	4	4	4	4
Z MAXIMUM	2.311D+03	-1.101D+03	-6.560D+03	-1.702D+05	8.848D+04	-4.798D+04	2.311D+03	-1.101D+03	-6.560D+03	-1.702D+05	-1.673D+05	-6.191D+04
GRAND TOTAL	2.243D+04	1.032D+04	3.072D+04	7.972D+05	5.239D+05	5.414D+05	2.243D+04	1.032D+04	3.072D+04	7.972D+05	9.211D+05	7.351D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (74)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	8	12	8	12	8	12	8	12	8
X MAXIMUM	6.864D+03	6.586D+03	-7.913D+03	1.871D+05	-1.905D+05	2.076D+05	6.864D+03	6.586D+03	-7.913D+03	1.871D+05	-2.617D+05	1.483D+05
Y	13	13	13	13	11	24	13	13	13	13	13	24
Y MAXIMUM	7.273D+02	-3.866D+02	-8.664D+02	-1.289D+04	-2.090D+04	-1.792D+04	7.273D+02	-3.866D+02	-8.664D+02	-1.289D+04	-2.742D+04	-1.498D+04
Z	4	4	4	4	4	4	4	4	4	4	4	8
Z MAXIMUM	2.363D+03	-3.159D+03	3.266D+03	-1.702D+05	-1.673D+05	-6.191D+04	2.363D+03	-3.159D+03	3.266D+03	-1.702D+05	-1.379D+05	4.046D+04
GRAND TOTAL	2.454D+04	2.302D+04	2.761D+04	7.972D+05	9.211D+05	7.351D+05	2.454D+04	2.302D+04	2.761D+04	7.972D+05	1.115D+06	5.351D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (75)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	12	8	8	8	12	12	8	8	4	8	12
X MAXIMUM	7.260D+03	7.729D+03	6.574D+03	1.871D+05	-1.483D+05	-2.617D+05	1.060D+04	-5.430D+03	6.574D+03	-1.055D+05	-1.395D+05	-3.318D+05

Y	13	13	13	13	24	13	13	11	13	24	11	13
Y MAXIMUM	7.691D+02	8.448D+02	-3.852D+02	-1.289D+04	1.498D+04	-2.742D+04	1.141D+03	-3.178D+02	-3.852D+02	8.667D+03	7.834D+03	-3.523D+04
Z	4	4	4	4	8	4	13	4	4	4	4	4
Z MAXIMUM	2.408D+03	-3.033D+03	-3.156D+03	-1.702D+05	-4.046D+04	-1.379D+05	2.512D+03	-3.848D+03	-3.156D+03	-1.161D+05	9.718D+04	-7.810D+04
GRAND TOTAL	2.649D+04	2.694D+04	2.294D+04	7.972D+05	5.351D+05	1.115D+06	3.019D+04	1.771D+04	2.294D+04	3.846D+05	5.828D+05	1.368D+06

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (75)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	8	10	4	8
X MAXIMUM	7.729D+03	-7.260D+03	6.574D+03	3.495D+04	9.449D+04	2.971D+05
Y	13	13	13	24	24	13
Y MAXIMUM	8.448D+02	-7.691D+02	-3.852D+02	8.240D+03	-6.810D+03	-2.901D+04
Z	4	4	4	4	4	8
Z MAXIMUM	-3.033D+03	-2.408D+03	-3.156D+03	-3.280D+04	1.040D+05	8.107D+04
GRAND TOTAL	2.694D+04	2.649D+04	2.294D+04	1.602D+05	3.603D+05	1.276D+06

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (76)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	10	8	4	12	8	12	10	8	4
X MAXIMUM	7.511D+03	6.554D+03	7.642D+03	3.495D+04	2.971D+05	-9.450D+04	7.511D+03	6.554D+03	7.642D+03	3.495D+04	3.254D+05	-7.156D+04
Y	13	13	13	24	13	24	13	13	13	24	13	24
Y MAXIMUM	8.189D+02	-3.834D+02	8.101D+02	8.240D+03	-2.901D+04	6.810D+03	8.189D+02	-3.834D+02	8.101D+02	8.240D+03	-2.252D+04	9.292D+03
Z	4	4	4	4	8	4	4	4	4	4	8	4
Z MAXIMUM	-2.839D+03	-3.155D+03	2.481D+03	-3.279D+04	8.107D+04	-1.040D+05	-2.839D+03	-3.155D+03	2.481D+03	-3.279D+04	8.879D+04	-7.872D+04
GRAND TOTAL	2.609D+04	2.281D+04	2.813D+04	1.602D+05	1.276D+06	3.603D+05	2.609D+04	2.281D+04	2.813D+04	1.602D+05	1.144D+06	2.530D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (77)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	8	8	12	8	7	7	10	8
X MAXIMUM	-6.971D+02	-6.346D+02	-1.794D+03	-7.961D+04	2.449D+04	-8.602D+03	-6.971D+02	-6.346D+02	-1.794D+03	-7.961D+04	1.522D+04	-4.160D+03
Y	28	28	11	6	11	28	28	28	11	6	11	28
Y MAXIMUM	3.850D+02	3.354D+02	-9.049D+01	-2.573D+03	2.138D+03	1.745D+03	3.850D+02	3.354D+02	-9.049D+01	-2.573D+03	1.504D+03	-6.030D+02
Z	13	8	8	4	11	8	13	8	8	4	11	4
Z MAXIMUM	-1.656D+02	-1.731D+02	-3.936D+02	1.433D+04	7.695D+03	-2.347D+03	-1.656D+02	-1.731D+02	-3.936D+02	1.433D+04	5.415D+03	1.211D+03
GRAND TOTAL	3.686D+03	3.058D+03	7.356D+03	2.751D+05	1.190D+05	2.358D+04	3.686D+03	3.058D+03	7.356D+03	2.751D+05	6.785D+04	1.951D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (78)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	10	8	12	8	7	7	10	12
X MAXIMUM	-6.898D+02	-6.350D+02	-1.792D+03	-7.961D+04	1.522D+04	-4.160D+03	-6.898D+02	-6.350D+02	-1.792D+03	-7.961D+04	1.227D+04	4.524D+03
Y	28	28	11	6	11	28	28	28	11	6	11	28
Y MAXIMUM	3.852D+02	3.350D+02	-9.094D+01	-2.573D+03	1.504D+03	-6.030D+02	3.852D+02	3.350D+02	-9.094D+01	-2.573D+03	1.231D+03	-1.608D+03
Z	13	8	8	4	11	4	13	8	8	4	4	11
Z MAXIMUM	-1.639D+02	-1.733D+02	-3.940D+02	1.433D+04	5.415D+03	1.211D+03	-1.639D+02	-1.733D+02	-3.940D+02	1.433D+04	4.971D+03	1.465D+03
GRAND TOTAL	3.654D+03	3.058D+03	7.370D+03	2.751D+05	6.785D+04	1.951D+04	3.654D+03	3.058D+03	7.370D+03	2.751D+05	4.773D+04	2.145D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (79)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	10	12	12	8	7	7	10	12
X MAXIMUM	-6.841D+02	-6.354D+02	-1.790D+03	-7.961D+04	1.227D+04	4.524D+03	-6.841D+02	-6.354D+02	-1.790D+03	-7.961D+04	7.583D+03	6.812D+03
Y	28	28	11	6	11	28	28	28	11	6	11	28
Y MAXIMUM	3.853D+02	3.347D+02	-9.129D+01	-2.573D+03	1.231D+03	-1.608D+03	3.853D+02	3.347D+02	-9.129D+01	-2.573D+03	7.978D+02	-3.198D+03
Z	13	8	8	4	4	11	13	8	8	4	4	11
Z MAXIMUM	-1.625D+02	-1.733D+02	-3.942D+02	1.433D+04	4.971D+03	1.465D+03	-1.625D+02	-1.733D+02	-3.942D+02	1.433D+04	5.506D+03	1.868D+03
GRAND TOTAL	3.628D+03	3.057D+03	7.380D+03	2.751D+05	4.773D+04	2.145D+04	3.628D+03	3.057D+03	7.380D+03	2.751D+05	3.411D+04	2.861D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (80)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	7	7	7	8	8	8	7	7	7	6
X MAXIMUM	-3.806D+01	-5.973D+02	1.152D+03	-2.459D+02	-1.078D+04	-5.757D+03	-3.806D+01	-5.973D+02	1.152D+03	-2.459D+02	-7.760D+03	-4.189D+03
Y	13	28	6	11	6	28	13	28	6	11	6	28
Y MAXIMUM	-3.875D+00	3.389D+02	3.802D+01	-1.394D+01	-3.559D+02	3.181D+03	-3.875D+00	3.389D+02	3.802D+01	-1.394D+01	-2.561D+02	2.292D+03
Z	8	8	4	8	4	8	8	8	4	8	4	8
Z MAXIMUM	-1.038D+01	-1.630D+02	-4.214D+02	-5.486D+01	3.958D+03	-1.571D+03	-1.038D+01	-1.630D+02	-4.214D+02	-5.486D+01	2.852D+03	-1.143D+03
GRAND TOTAL	1.728D+02	3.040D+03	3.274D+03	1.113D+03	3.071D+04	2.917D+04	1.728D+02	3.040D+03	3.274D+03	1.113D+03	2.212D+04	2.119D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (81)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	7	7	7	8	8	8	7	7	7	8
X MAXIMUM	-3.348D+01	-5.975D+02	1.155D+03	-2.459D+02	-7.760D+03	-4.189D+03	-3.348D+01	-5.975D+02	1.155D+03	-2.459D+02	-3.861D+03	-2.173D+03
Y	13	28	6	11	6	28	13	28	6	11	6	28
Y MAXIMUM	-3.402D+00	3.390D+02	3.812D+01	-1.394D+01	-2.561D+02	2.292D+03	-3.402D+00	3.390D+02	3.812D+01	-1.394D+01	-1.275D+02	1.148D+03
Z	8	8	4	8	4	8	8	8	4	8	4	8
Z MAXIMUM	-9.136D+00	-1.630D+02	-4.227D+02	-5.486D+01	2.852D+03	-1.143D+03	-9.136D+00	-1.630D+02	-4.227D+02	-5.486D+01	1.426D+03	-5.928D+02
GRAND TOTAL	1.520D+02	3.041D+03	3.285D+03	1.113D+03	2.212D+04	2.119D+04	1.520D+02	3.041D+03	3.285D+03	1.113D+03	1.103D+04	1.093D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (82)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	7	7	7	8	8	8	7	7	7	8
X MAXIMUM	-1.420D+01	-5.976D+02	1.138D+03	2.183D-10	-3.810D+03	-2.018D+03	-1.420D+01	-5.976D+02	1.138D+03	2.183D-10	3.045D+01	-1.721D+00
Y	13	28	6	6	6	28	13	28	6	6	28	28
Y MAXIMUM	-1.469D+00	3.392D+02	3.757D+01	7.276D-12	-1.258D+02	1.146D+03	-1.469D+00	3.392D+02	3.757D+01	7.276D-12	-1.797D+00	1.200D+00
Z	8	8	4	7	4	8	8	8	4	7	7	34
Z MAXIMUM	-3.875D+00	-1.630D+02	-4.225D+02	3.365D-11	1.422D+03	-5.506D+02	-3.875D+00	-1.630D+02	-4.225D+02	3.365D-11	4.756D+00	4.771D-01
GRAND TOTAL	6.510D+01	3.041D+03	3.268D+03	6.243D-10	1.096D+04	1.027D+04	6.510D+01	3.041D+03	3.268D+03	6.243D-10	9.932D+01	1.067D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (83)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	7	8	12	8	7	7	7	8
X MAXIMUM	1.296D-01	2.191D+01	-1.702D+01	5.174D+01	2.001D+02	2.514D+02	1.296D-01	2.191D+01	-1.702D+01	5.174D+01	1.554D+02	1.939D+02
Y	28	11	13	11	13	11	28	11	13	11	13	11
Y MAXIMUM	1.038D-01	1.335D+00	1.345D+00	2.892D+00	-1.512D+01	1.522D+01	1.038D-01	1.335D+00	1.345D+00	2.892D+00	-1.159D+01	1.171D+01
Z	34	8	4	8	4	8	34	8	4	8	4	8
Z MAXIMUM	3.241D-02	5.977D+00	3.013D+00	1.148D+01	-3.525D+01	6.859D+01	3.241D-02	5.977D+00	3.013D+00	1.148D+01	-2.734D+01	5.290D+01
GRAND TOTAL	7.413D-01	8.936D+01	6.961D+01	2.326D+02	8.122D+02	1.031D+03	7.413D-01	8.936D+01	6.961D+01	2.326D+02	6.294D+02	7.961D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (84)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	7	7	7	8	8	8	7	7	8	8
X MAXIMUM	-5.815D+00	-2.257D-01	-3.993D+00	7.276D-11	3.045D+01	-1.721D+00	-5.815D+00	-2.257D-01	-3.993D+00	7.276D-11	-4.366D-11	-4.366D-11
Y	13	28	28	6	28	28	13	28	28	6	16	24
Y MAXIMUM	-6.015D-01	1.574D-01	2.356D-01	2.046D-12	-1.797D+00	1.200D+00	-6.015D-01	1.574D-01	2.356D-01	2.046D-12	4.661D-12	-1.592D-12
Z	8	34	7	7	7	34	8	34	7	7	4	8
Z MAXIMUM	-1.587D+00	6.257D-02	-6.237D-01	1.182D-11	4.756D+00	4.771D-01	-1.587D+00	6.257D-02	-6.237D-01	1.182D-11	4.457D-11	-1.546D-11
GRAND TOTAL	2.665D+01	1.399D+00	1.302D+01	2.185D-10	9.932D+01	1.067D+01	2.665D+01	1.399D+00	1.302D+01	2.185D-10	1.920D-10	8.460D-11

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (85)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	7	8	12	8	7	7	7	8
X MAXIMUM	1.291D-01	2.120D+01	-1.693D+01	5.174D+01	1.554D+02	1.939D+02	1.291D-01	2.120D+01	-1.693D+01	5.174D+01	6.444D+01	7.996D+01

Y	28	11	13	11	13	11	28	11	13	11	13	11
Y MAXIMUM	9.124D-02	1.281D+00	1.269D+00	2.892D+00	-1.159D+01	1.171D+01	9.124D-02	1.281D+00	1.269D+00	2.892D+00	-4.765D+00	4.826D+00
Z	13	8	4	8	4	8	13	8	4	8	4	8
Z MAXIMUM	3.010D-02	5.783D+00	2.974D+00	1.148D+01	-2.734D+01	5.290D+01	3.010D-02	5.783D+00	2.974D+00	1.148D+01	-1.135D+01	2.182D+01
GRAND TOTAL	6.956D-01	8.693D+01	6.865D+01	2.326D+02	6.294D+02	7.961D+02	6.956D-01	8.693D+01	6.865D+01	2.326D+02	2.605D+02	3.288D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (86)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	10	8	4	12	8	12	10	8	4
X MAXIMUM	7.609D+03	7.183D+03	8.518D+03	3.590D+04	3.009D+05	-8.458D+04	7.609D+03	7.183D+03	8.518D+03	3.590D+04	3.521D+05	-5.120D+04
Y	13	13	13	24	13	24	13	13	13	24	13	24
Y MAXIMUM	8.334D+02	-3.301D+02	9.047D+02	8.692D+03	-2.190D+04	9.629D+03	8.334D+02	-3.301D+02	9.047D+02	8.692D+03	-1.115D+04	1.307D+04
Z	4	4	4	4	8	4	4	4	4	4	8	4
Z MAXIMUM	-2.623D+03	-3.092D+03	2.654D+03	-3.201D+04	8.211D+04	-9.305D+04	-2.623D+03	-3.092D+03	2.654D+03	-3.201D+04	9.605D+04	-5.633D+04
GRAND TOTAL	2.767D+04	2.296D+04	3.179D+04	1.774D+05	1.142D+06	2.380D+05	2.767D+04	2.296D+04	3.179D+04	1.774D+05	9.489D+05	2.121D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (87)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	8	10	8	4	12	8	8	10	10	12
X MAXIMUM	7.289D+03	-9.874D+02	-5.891D+03	3.590D+04	3.521D+05	-5.120D+04	7.289D+03	-9.874D+02	-5.891D+03	3.590D+04	1.042D+05	-2.541D+04
Y	13	24	11	24	13	24	13	24	11	24	25	13
Y MAXIMUM	7.954D+02	2.688D+02	2.916D+02	8.693D+03	-1.115D+04	1.306D+04	7.954D+02	2.688D+02	2.916D+02	8.693D+03	1.148D+04	-3.028D+03
Z	4	4	8	4	8	4	4	4	8	4	11	4
Z MAXIMUM	-2.339D+03	-9.351D+02	-1.607D+03	-3.202D+04	9.605D+04	-5.633D+04	-2.339D+03	-9.351D+02	-1.607D+03	-3.202D+04	4.086D+04	-1.145D+04
GRAND TOTAL	2.648D+04	5.525D+03	2.014D+04	1.774D+05	9.489D+05	2.121D+05	2.648D+04	5.525D+03	2.014D+04	1.774D+05	5.218D+05	1.277D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (88)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	8	10	10	12	12	8	8	10	10	12
X MAXIMUM	6.801D+03	-8.537D+02	-5.067D+03	3.590D+04	1.042D+05	-2.541D+04	6.801D+03	-8.537D+02	-5.067D+03	3.590D+04	1.813D+05	-5.684D+04
Y	13	24	13	24	25	13	13	24	13	24	11	34
Y MAXIMUM	7.375D+02	1.824D+02	3.128D+02	8.693D+03	1.148D+04	-3.028D+03	7.375D+02	1.824D+02	3.128D+02	8.693D+03	2.258D+04	-8.933D+03
Z	4	4	8	4	11	4	4	4	8	4	11	4
Z MAXIMUM	-1.911D+03	-9.183D+02	-1.382D+03	-3.202D+04	4.086D+04	-1.145D+04	-1.911D+03	-9.183D+02	-1.382D+03	-3.202D+04	8.127D+04	2.740D+04
GRAND TOTAL	2.475D+04	4.860D+03	1.865D+04	1.774D+05	5.218D+05	1.277D+05	2.475D+04	4.860D+03	1.865D+04	1.774D+05	9.904D+05	2.994D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (89)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	8	4	10	12	10	12	8	4	10	8	10
X MAXIMUM	6.481D+03	-4.465D+03	8.114D+02	3.590D+04	-5.684D+04	-1.813D+05	7.127D+03	-2.060D+03	8.114D+02	4.630D+04	5.631D+04	-1.935D+05
Y	13	13	34	24	34	11	13	11	34	24	24	11
Y MAXIMUM	6.996D+02	3.107D+02	-1.000D+02	8.693D+03	-8.933D+03	-2.258D+04	7.652D+02	1.572D+02	-1.000D+02	5.022D+03	-1.090D+04	-2.416D+04
Z	4	8	4	4	4	11	8	11	4	4	4	11
Z MAXIMUM	-1.631D+03	-1.218D+03	8.927D+02	-3.202D+04	2.740D+04	-8.127D+04	-1.826D+03	5.659D+02	8.927D+02	-1.766D+04	4.474D+04	-8.699D+04
GRAND TOTAL	2.365D+04	1.694D+04	4.159D+03	1.774D+05	2.994D+05	9.904D+05	2.823D+04	7.357D+03	4.159D+03	2.082D+05	2.912D+05	1.069D+06

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (89)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	12	4	12	8	10
X MAXIMUM	-6.973D+03	-2.478D+03	8.114D+02	-5.323D+04	5.695D+04	-2.040D+05
Y	13	13	34	13	24	11
Y MAXIMUM	7.143D+02	-2.750D+02	-1.000D+02	-6.490D+03	-1.259D+04	-2.510D+04
Z	8	4	4	11	4	11
Z MAXIMUM	-1.903D+03	7.774D+02	8.927D+02	1.789D+04	5.527D+04	-9.037D+04
GRAND TOTAL	2.858D+04	8.956D+03	4.159D+03	2.879D+05	2.548D+05	1.068D+06

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (90)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	4	12	12	10	8	8	4	12	12	10	8
X MAXIMUM	-6.774D+03	-8.023D+02	-2.424D+03	-5.323D+04	2.040D+05	5.695D+04	-6.774D+03	-8.023D+02	-2.424D+03	-5.323D+04	2.095D+05	6.080D+04
Y	13	34	13	13	11	24	13	34	13	13	11	24
Y MAXIMUM	7.026D+02	7.480D+01	-2.670D+02	-6.490D+03	2.510D+04	-1.259D+04	7.026D+02	7.480D+01	-2.670D+02	-6.490D+03	2.538D+04	-1.280D+04
Z	8	4	4	11	11	4	8	4	4	11	11	4
Z MAXIMUM	-1.848D+03	-8.826D+02	7.865D+02	1.789D+04	9.037D+04	5.527D+04	-1.848D+03	-8.826D+02	7.865D+02	1.789D+04	9.137D+04	6.061D+04
GRAND TOTAL	2.799D+04	3.921D+03	8.751D+03	2.879D+05	1.068D+06	2.548D+05	2.799D+04	3.921D+03	8.751D+03	2.879D+05	1.035D+06	2.726D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (91)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	4	10	10	8	10	8	4	10	10	8	12	8
X MAXIMUM	2.932D+03	-1.027D+03	-5.433D+03	1.347D+05	1.073D+05	-9.523D+04	2.932D+03	-1.027D+03	-5.433D+03	1.347D+05	5.226D+04	-1.009D+05
Y	49	24	11	24	11	24	49	24	11	24	24	24
Y MAXIMUM	5.558D+02	-6.903D+02	-7.349D+02	-2.049D+04	1.017D+04	1.250D+04	5.558D+02	-6.903D+02	-7.349D+02	-2.049D+04	-1.322D+04	2.285D+04
Z	4	4	11	11	11	11	4	4	11	11	13	11
Z MAXIMUM	3.226D+03	-6.986D+02	-2.646D+03	-5.373D+04	3.662D+04	2.726D+04	3.226D+03	-6.986D+02	-2.646D+03	-5.373D+04	1.485D+04	3.394D+04
GRAND TOTAL	1.158D+04	7.317D+03	2.640D+04	5.932D+05	4.443D+05	4.071D+05	1.158D+04	7.317D+03	2.640D+04	5.932D+05	2.910D+05	4.963D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (92)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	4	8	12	8	12	8	4	8	12	8	10	8
X MAXIMUM	3.135D+03	-3.419D+03	-2.759D+03	1.347D+05	5.226D+04	-1.009D+05	3.135D+03	-3.419D+03	-2.759D+03	1.347D+05	5.873D+04	-4.273D+04
Y	49	24	24	24	24	24	49	24	24	24	24	24
Y MAXIMUM	5.826D+02	-5.118D+02	-9.652D+02	-2.049D+04	-1.322D+04	2.285D+04	5.826D+02	-5.118D+02	-9.652D+02	-2.049D+04	-2.963D+04	3.155D+04
Z	4	4	13	11	13	11	4	4	13	11	10	11
Z MAXIMUM	3.449D+03	-1.153D+03	-6.307D+02	-5.373D+04	1.485D+04	3.394D+04	3.449D+03	-1.153D+03	-6.307D+02	-5.373D+04	1.035D+04	1.583D+04
GRAND TOTAL	1.120D+04	1.387D+04	1.541D+04	5.932D+05	2.910D+05	4.963D+05	1.120D+04	1.387D+04	1.541D+04	5.932D+05	3.241D+05	3.352D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (93)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	15	10	8	10	8	8	15	10	8	10	8
X MAXIMUM	-2.757D+02	4.441D+02	-1.937D+02	-1.579D+04	2.475D+03	-2.396D+04	-2.757D+02	4.441D+02	-1.937D+02	-1.579D+04	1.314D+03	-2.559D+04
Y	15	41	24	15	41	37	15	41	24	15	41	11
Y MAXIMUM	-4.710D+01	4.393D+02	-4.572D+01	1.944D+03	6.503D+02	-4.468D+03	-4.710D+01	4.393D+02	-4.572D+01	1.944D+03	6.167D+02	2.281D+03
Z	11	23	11	11	11	11	11	23	11	11	35	11
Z MAXIMUM	1.627D+02	-2.553D+02	9.373D+01	4.412D+03	-1.123D+03	7.073D+03	1.627D+02	-2.553D+02	9.373D+01	4.412D+03	7.751D+02	8.212D+03
GRAND TOTAL	1.319D+03	4.373D+03	8.138D+02	4.387D+04	1.261D+04	8.431D+04	1.319D+03	4.373D+03	8.138D+02	4.387D+04	8.339D+03	7.889D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (94)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	15	10	8	10	8	15	10	10	8	8	8
X MAXIMUM	-1.837D+02	4.334D+02	-1.810D+02	-1.589D+04	1.314D+03	-2.553D+04	2.641D+02	3.757D+02	-1.810D+02	-1.150D+04	1.042D+04	-2.766D+04
Y	2	41	24	15	41	11	41	37	24	15	15	11
Y MAXIMUM	4.239D+01	4.305D+02	-3.856D+01	1.944D+03	6.167D+02	2.276D+03	3.099D+02	-3.138D+02	-3.856D+01	1.486D+03	-1.311D+03	2.696D+03
Z	11	23	11	11	35	11	23	11	11	8	11	11
Z MAXIMUM	1.235D+02	-2.524D+02	9.197D+01	4.445D+03	7.751D+02	8.194D+03	-1.745D+02	-2.191D+02	9.197D+01	-3.138D+03	-2.954D+03	9.705D+03
GRAND TOTAL	1.024D+03	4.279D+03	8.161D+02	4.417D+04	8.339D+03	7.875D+04	2.600D+03	3.531D+03	8.161D+02	3.279D+04	3.022D+04	9.065D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (94)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	15	8	10	8	8	8
X MAXIMUM	4.334D+02	1.839D+02	-1.810D+02	-1.155D+03	1.457D+04	-2.951D+04

Y	41	2	24	41	15	11
Y MAXIMUM	4.305D+02	-4.243D+01	-3.856D+01	5.501D+02	-2.062D+03	3.051D+03
Z	23	11	11	35	8	11
Z MAXIMUM	-2.524D+02	-1.236D+02	9.197D+01	7.379D+02	3.974D+03	1.098D+04
GRAND TOTAL	4.279D+03	1.025D+03	8.161D+02	6.833D+03	4.014D+04	1.052D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (95)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	15	8	8	8	8	8	15	8	8	8	8	8
X MAXIMUM	3.590D+02	1.335D+02	5.348D+02	-1.147D+03	-2.684D+04	1.904D+04	3.590D+02	1.335D+02	5.348D+02	-1.147D+03	3.091D+04	4.624D+03
Y	41	41	11	41	11	15	41	41	11	41	41	2
Y MAXIMUM	3.515D+02	3.441D+01	-3.689D+01	5.501D+02	2.334D+03	3.427D+03	3.515D+02	3.441D+01	-3.689D+01	5.501D+02	2.325D+03	-3.857D+03
Z	23	11	8	35	11	11	23	11	8	35	8	23
Z MAXIMUM	-2.253D+02	-6.253D+01	1.459D+02	7.378D+02	8.403D+03	-7.943D+03	-2.253D+02	-6.253D+01	1.459D+02	7.378D+02	8.434D+03	-1.290D+03
GRAND TOTAL	3.472D+03	6.281D+02	1.407D+03	6.815D+03	7.658D+04	8.032D+04	3.472D+03	6.281D+02	1.407D+03	6.815D+03	7.881D+04	2.683D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (96)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-7.462D+02	-4.030D+02	-2.051D+02	4.901D+03	-2.807D+03	-3.026D+04	-7.462D+02	-4.030D+02	-2.051D+02	4.901D+03	-5.473D+03	-2.503D+04
Y	24	24	41	2	37	24	24	24	41	2	41	41
Y MAXIMUM	7.153D+02	-1.685D+02	-2.356D+02	4.235D+03	-1.253D+03	-3.171D+03	7.153D+02	-1.685D+02	-2.356D+02	4.235D+03	-4.316D+03	-1.733D+03
Z	23	8	35	11	35	8	23	8	35	11	35	8
Z MAXIMUM	3.904D+02	-1.100D+02	-2.924D+02	-1.365D+03	-1.480D+03	-8.257D+03	3.904D+02	-1.100D+02	-2.924D+02	-1.365D+03	-5.281D+03	-6.828D+03
GRAND TOTAL	4.129D+03	1.268D+03	1.675D+03	2.499D+04	1.332D+04	7.988D+04	4.129D+03	1.268D+03	1.675D+03	2.499D+04	3.311D+04	6.442D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (97)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	3	8	8	8	8	8	3	8	3	8
X MAXIMUM	-7.654D+02	-4.431D+02	8.118D+01	4.901D+03	-5.473D+03	-2.503D+04	-7.654D+02	-4.431D+02	8.118D+01	4.901D+03	3.246D+03	-8.797D+03
Y	24	24	41	2	41	41	24	24	41	2	41	24
Y MAXIMUM	7.638D+02	-1.907D+02	8.158D+01	4.235D+03	-4.316D+03	-1.733D+03	7.638D+02	-1.907D+02	8.158D+01	4.235D+03	-1.328D+03	6.005D+03
Z	23	8	35	11	35	8	23	8	35	11	3	23
Z MAXIMUM	4.158D+02	-1.209D+02	1.007D+02	-1.365D+03	-5.281D+03	-6.828D+03	4.158D+02	-1.209D+02	1.007D+02	-1.365D+03	1.800D+03	3.179D+03
GRAND TOTAL	4.341D+03	1.471D+03	5.246D+02	2.499D+04	3.311D+04	6.442D+04	4.341D+03	1.471D+03	5.246D+02	2.499D+04	1.662D+04	4.091D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (98)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	22	0	22	8	8	8	22	0	22	8
X MAXIMUM	-3.934D+00	-8.270D-01	-4.169D+00	0.0	4.581D+01	-1.061D+01	-3.934D+00	-8.270D-01	-4.169D+00	0.0	3.201D+01	-7.874D+00
Y	37	24	24	0	24	24	37	24	24	0	24	24
Y MAXIMUM	9.587D+00	-1.987D+00	-1.111D+01	0.0	1.227D+02	-2.122D+01	9.587D+00	-1.987D+00	-1.111D+01	0.0	8.590D+01	-1.464D+01
Z	23	35	23	0	23	35	23	35	23	0	23	35
Z MAXIMUM	-2.228D+00	1.709D+00	-5.114D+00	0.0	5.623D+01	1.878D+01	-2.228D+00	1.709D+00	-5.114D+00	0.0	3.929D+01	1.311D+01
GRAND TOTAL	4.345D+01	1.512D+01	4.531D+01	0.0	5.004D+02	1.706D+02	4.345D+01	1.512D+01	4.531D+01	0.0	3.503D+02	1.206D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (99)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	22	0	22	8	8	8	22	0	22	8
X MAXIMUM	-3.801D+00	-8.898D-01	-4.022D+00	0.0	3.201D+01	-7.874D+00	-3.801D+00	-8.898D-01	-4.022D+00	0.0	2.120D+01	-5.483D+00
Y	37	24	24	0	24	24	37	24	24	0	24	24
Y MAXIMUM	9.263D+00	-1.880D+00	-1.075D+01	0.0	8.590D+01	-1.464D+01	9.263D+00	-1.880D+00	-1.075D+01	0.0	5.699D+01	-9.586D+00
Z	23	35	23	0	23	35	23	35	23	0	23	35
Z MAXIMUM	-2.153D+00	1.648D+00	-4.935D+00	0.0	3.929D+01	1.311D+01	-2.153D+00	1.648D+00	-4.935D+00	0.0	2.602D+01	8.684D+00
GRAND TOTAL	4.199D+01	1.485D+01	4.385D+01	0.0	3.503D+02	1.206D+02	4.199D+01	1.485D+01	4.385D+01	0.0	2.324D+02	8.069D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (100)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	22	0	22	8	8	8	22	0	22	8
X MAXIMUM	-3.721D+00	-9.085D-01	-3.935D+00	0.0	2.120D+01	-5.483D+00	-3.721D+00	-9.085D-01	-3.935D+00	0.0	1.031D+00	-8.264D-01
Y	37	24	24	0	24	24	37	24	24	0	24	37
Y MAXIMUM	9.068D+00	-1.824D+00	-1.054D+01	0.0	5.699D+01	-9.586D+00	9.068D+00	-1.824D+00	-1.054D+01	0.0	3.000D+00	8.167D-01
Z	23	35	23	0	23	35	23	35	23	0	23	11
Z MAXIMUM	-2.108D+00	1.612D+00	-4.829D+00	0.0	2.602D+01	8.684D+00	-2.108D+00	1.612D+00	-4.829D+00	0.0	1.275D+00	4.479D-01
GRAND TOTAL	4.110D+01	1.464D+01	4.297D+01	0.0	2.324D+02	8.069D+01	4.110D+01	1.464D+01	4.297D+01	0.0	1.233D+01	6.447D+00

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (101)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	22	0	22	8	8	8	22	0	8	8
X MAXIMUM	-1.494D-01	-1.224D-01	-1.527D-01	0.0	1.031D+00	-8.264D-01	-1.494D-01	-1.224D-01	-1.527D-01	0.0	-1.592D-12	-1.478D-12
Y	37	37	24	0	24	37	37	37	24	0	16	14
Y MAXIMUM	3.642D-01	1.210D-01	-4.445D-01	0.0	3.000D+00	8.167D-01	3.642D-01	1.210D-01	-4.445D-01	0.0	-4.547D-13	-5.613D-13
Z	23	11	23	0	23	11	23	11	23	0	11	22
Z MAXIMUM	-8.464D-02	6.635D-02	-1.889D-01	0.0	1.275D+00	4.479D-01	-8.464D-02	6.635D-02	-1.889D-01	0.0	5.613D-13	-6.075D-13
GRAND TOTAL	1.651D+00	9.551D-01	1.827D+00	0.0	1.233D+01	6.447D+00	1.651D+00	9.551D-01	1.827D+00	0.0	6.228D-12	7.264D-12

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (102)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	3	8	3	8	8	8	3	8	3	8
X MAXIMUM	-7.841D+02	-4.616D+02	7.976D+01	4.916D+03	3.246D+03	-8.821D+03	-7.841D+02	-4.616D+02	7.976D+01	4.916D+03	3.725D+03	-6.052D+03
Y	24	24	41	2	41	24	24	24	41	2	2	24
Y MAXIMUM	8.165D+02	-2.241D+02	8.050D+01	4.233D+03	-1.328D+03	6.129D+03	8.165D+02	-2.241D+02	8.050D+01	4.233D+03	-1.393D+03	7.473D+03
Z	23	8	35	35	3	23	23	8	35	35	3	23
Z MAXIMUM	4.427D+02	-1.259D+02	1.102D+02	-1.375D+03	1.800D+03	3.236D+03	4.427D+02	-1.259D+02	1.102D+02	-1.375D+03	2.065D+03	3.827D+03
GRAND TOTAL	4.565D+03	1.634D+03	5.656D+02	2.502D+04	1.662D+04	4.134D+04	4.565D+03	1.634D+03	5.656D+02	2.502D+04	1.414D+04	4.061D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (103)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	3	8	3	8	8	8	3	8	3	8
X MAXIMUM	-7.887D+02	-1.256D+02	7.952D+01	4.918D+03	3.725D+03	-6.051D+03	-7.887D+02	-1.256D+02	7.952D+01	4.918D+03	4.202D+03	-5.297D+03
Y	24	37	41	2	2	24	24	37	41	2	2	24
Y MAXIMUM	8.280D+02	-1.444D+02	7.923D+01	4.233D+03	-1.393D+03	7.474D+03	8.280D+02	-1.444D+02	7.923D+01	4.233D+03	-1.477D+03	7.197D+03
Z	23	3	35	35	3	23	23	3	35	35	3	23
Z MAXIMUM	4.487D+02	-4.562D+01	1.122D+02	-1.375D+03	2.065D+03	3.828D+03	4.487D+02	-4.562D+01	1.122D+02	-1.375D+03	2.330D+03	3.727D+03
GRAND TOTAL	4.615D+03	8.752D+02	5.778D+02	2.502D+04	1.414D+04	4.061D+04	4.615D+03	8.752D+02	5.778D+02	2.502D+04	1.193D+04	3.893D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (104)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	3	8	3	8	8	8	3	8	3	2
X MAXIMUM	-7.964D+02	1.278D+02	-7.918D+01	4.917D+03	-4.202D+03	5.298D+03	-4.728D+02	6.535D+02	-7.918D+01	4.903D+03	-2.757D+03	-3.387D+03
Y	24	37	35	2	2	24	24	24	35	2	2	24
Y MAXIMUM	8.474D+02	1.261D+02	-7.740D+01	4.233D+03	1.477D+03	-7.197D+03	5.776D+02	-6.208D+02	-7.740D+01	4.079D+03	-1.849D+03	-4.769D+03
Z	23	3	35	35	3	23	23	23	35	3	3	23
Z MAXIMUM	4.589D+02	4.534D+01	-1.154D+02	-1.375D+03	-2.330D+03	-3.727D+03	3.174D+02	-3.316D+02	-1.154D+02	-2.161D+03	-1.529D+03	-2.453D+03
GRAND TOTAL	4.701D+03	8.043D+02	6.006D+02	2.502D+04	1.193D+04	3.893D+04	3.176D+03	3.619D+03	6.006D+02	2.446D+04	1.447D+04	2.796D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (104)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	3	3	8	2
X MAXIMUM	1.278D+02	7.964D+02	-7.918D+01	-4.915D+03	-5.607D+03	-3.352D+03

Y	37	24	35	2	2	2
Y MAXIMUM	1.261D+02	-8.474D+02	-7.740D+01	1.618D+03	-4.092D+03	-3.115D+03
Z	3	23	35	3	11	3
Z MAXIMUM	4.534D+01	-4.589D+02	-1.154D+02	-2.725D+03	1.609D+03	-1.440D+03
GRAND TOTAL	8.042D+02	4.701D+03	6.006D+02	1.143D+04	2.552D+04	1.804D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (105)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	3	3	8	8	8	8	3	8	8
X MAXIMUM	1.261D+02	-2.419D+02	-7.657D+02	-4.915D+03	-2.604D+03	6.113D+03	1.261D+02	-2.419D+02	-7.657D+02	-4.915D+03	-4.085D+03	6.838D+03
Y	37	24	24	2	2	2	37	24	24	2	24	2
Y MAXIMUM	1.096D+02	1.882D+02	8.361D+02	1.618D+03	-2.196D+03	4.650D+03	1.096D+02	1.882D+02	8.361D+02	1.618D+03	3.671D+03	4.575D+03
Z	3	35	23	3	3	8	3	35	23	3	23	11
Z MAXIMUM	4.519D+01	-1.056D+02	4.524D+02	-2.725D+03	-1.444D+03	1.668D+03	4.519D+01	-1.056D+02	4.524D+02	-2.725D+03	2.065D+03	-1.902D+03
GRAND TOTAL	7.236D+02	1.505D+03	4.597D+03	1.143D+04	1.474D+04	2.731D+04	7.236D+02	1.505D+03	4.597D+03	1.143D+04	2.556D+04	2.773D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (106)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	3	3	3	8	8	8	3	3	3	8	8
X MAXIMUM	1.254D+02	-1.911D+02	3.792D+02	-4.915D+03	-4.085D+03	6.838D+03	1.254D+02	-1.911D+02	3.792D+02	-4.915D+03	-4.269D+03	6.929D+03
Y	37	24	2	2	24	2	37	24	2	2	24	2
Y MAXIMUM	1.029D+02	1.050D+02	-8.071D+01	1.618D+03	3.671D+03	4.575D+03	1.029D+02	1.050D+02	-8.071D+01	1.618D+03	3.493D+03	4.399D+03
Z	3	3	3	3	23	11	3	3	3	3	23	11
Z MAXIMUM	4.514D+01	-1.059D+02	2.102D+02	-2.725D+03	2.065D+03	-1.902D+03	4.514D+01	-1.059D+02	2.102D+02	-2.725D+03	2.012D+03	-1.979D+03
GRAND TOTAL	7.029D+02	7.636D+02	7.223D+02	1.143D+04	2.556D+04	2.773D+04	7.029D+02	7.636D+02	7.223D+02	1.143D+04	2.576D+04	2.670D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (107)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	3	3	3	8	8	3	2	3	8	8	8
X MAXIMUM	1.236D+02	1.910D+02	-3.783D+02	-4.915D+03	4.269D+03	-6.929D+03	1.925D+02	-1.033D+02	-3.783D+02	4.280D+03	2.173D+03	-6.738D+03
Y	2	24	2	2	24	2	24	16	2	2	24	2
Y MAXIMUM	9.255D+01	-1.023D+02	8.074D+01	1.618D+03	-3.493D+03	-4.399D+03	-6.132D+01	-1.075D+02	8.074D+01	3.054D+03	-2.386D+03	-3.881D+03
Z	3	3	3	3	23	11	3	3	3	3	23	11
Z MAXIMUM	4.498D+01	1.059D+02	-2.097D+02	-2.725D+03	-2.012D+03	1.979D+03	1.067D+02	4.309D+01	-2.097D+02	-2.059D+03	-1.355D+03	2.007D+03
GRAND TOTAL	6.943D+02	7.440D+02	7.154D+02	1.143D+04	2.576D+04	2.670D+04	6.493D+02	8.265D+02	7.154D+02	2.408D+04	1.579D+04	2.431D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (107)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	8	3	8
X MAXIMUM	1.910D+02	-1.236D+02	-3.783D+02	4.685D+03	1.510D+03	-6.007D+03
Y	24	2	2	24	2	2
Y MAXIMUM	-1.023D+02	-9.255D+01	8.074D+01	-3.132D+03	-8.915D+02	-3.178D+03
Z	3	3	3	23	3	11
Z MAXIMUM	1.059D+02	-4.498D+01	-2.097D+02	-1.908D+03	8.372D+02	1.841D+03
GRAND TOTAL	7.440D+02	6.943D+02	7.154D+02	2.765D+04	6.229D+03	2.073D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (108)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	8	3	8	3	8	3	8	3	8
X MAXIMUM	1.913D+02	-1.243D+02	-3.737D+02	4.685D+03	1.510D+03	-6.007D+03	1.913D+02	-1.243D+02	-3.737D+02	4.685D+03	-4.632D+03	-3.963D+03
Y	24	2	2	24	2	2	24	2	2	24	24	2
Y MAXIMUM	-8.676D+01	-8.845D+01	8.123D+01	-3.132D+03	-8.915D+02	-3.178D+03	-8.676D+01	-8.845D+01	8.123D+01	-3.132D+03	7.798D+02	-1.724D+03
Z	3	3	3	23	3	11	3	3	3	23	3	11
Z MAXIMUM	1.060D+02	-4.446D+01	-2.072D+02	-1.908D+03	8.372D+02	1.841D+03	1.060D+02	-4.446D+01	-2.072D+02	-1.908D+03	-2.568D+03	1.290D+03
GRAND TOTAL	6.350D+02	6.606D+02	7.011D+02	2.765D+04	6.229D+03	2.073D+04	6.350D+02	6.606D+02	7.011D+02	2.765D+04	8.538D+03	1.538D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (109)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	3	3	3	8	8	3	3	3	8	8	3	3
X MAXIMUM	1.915D+02	3.652D+02	-1.293D+02	4.685D+03	3.963D+03	-4.632D+03	3.936D+02	1.229D+02	-1.293D+02	5.774D+03	1.804D+03	-6.452D+03
Y	24	2	2	24	2	24	16	2	2	2	37	16
Y MAXIMUM	-7.125D+01	-8.052D+01	-7.565D+01	-3.132D+03	1.724D+03	7.798D+02	-9.345D+01	-3.381D+01	-7.565D+01	3.231D+03	-1.841D+03	9.829D+02
Z	3	3	3	23	11	3	3	3	3	23	3	3
Z MAXIMUM	1.062D+02	2.025D+02	-4.303D+01	-1.908D+03	-1.290D+03	-2.568D+03	2.182D+02	6.812D+01	-4.303D+01	-1.713D+03	1.000D+03	-3.577D+03
GRAND TOTAL	5.365D+02	6.771D+02	5.701D+02	2.765D+04	1.538D+04	8.538D+03	8.028D+02	3.231D+02	5.701D+02	2.685D+04	1.473D+04	1.078D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (109)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	3	8	8	8	3
X MAXIMUM	3.652D+02	-1.915D+02	-1.293D+02	2.799D+03	-5.849D+03	-6.196D+03
Y	2	24	2	2	2	2
Y MAXIMUM	-8.052D+01	7.125D+01	-7.565D+01	1.043D+03	-3.808D+03	8.741D+02
Z	3	3	3	11	23	3
Z MAXIMUM	2.025D+02	-1.062D+02	-4.303D+01	-9.499D+02	1.725D+03	-3.435D+03
GRAND TOTAL	6.771D+02	5.365D+02	5.701D+02	1.318D+04	2.987D+04	1.016D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (110)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	8	3	8	3	8	3	8	3	8
X MAXIMUM	3.441D+02	-1.378D+02	1.929D+02	2.799D+03	-6.196D+03	5.849D+03	3.441D+02	-1.378D+02	1.929D+02	2.799D+03	4.015D+03	1.314D+04
Y	2	37	24	2	2	2	2	37	24	2	24	2
Y MAXIMUM	-7.771D+01	1.230D+02	-3.852D+01	1.043D+03	8.741D+02	3.808D+03	-7.771D+01	1.230D+02	-3.852D+01	1.043D+03	-1.567D+03	5.972D+03
Z	3	11	3	11	3	23	3	11	3	11	3	11
Z MAXIMUM	1.908D+02	4.838D+01	1.069D+02	-9.499D+02	-3.435D+03	-1.725D+03	1.908D+02	4.838D+01	1.069D+02	-9.499D+02	2.226D+03	-3.976D+03
GRAND TOTAL	6.172D+02	7.423D+02	3.740D+02	1.318D+04	1.016D+04	2.987D+04	6.172D+02	7.423D+02	3.740D+02	1.318D+04	1.158D+04	5.202D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (111)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	8	3	8	3	8	3	8	3	2
X MAXIMUM	3.045D+02	2.183D+02	1.755D+02	2.799D+03	4.015D+03	1.314D+04	3.045D+02	2.183D+02	1.755D+02	2.799D+03	1.669D+04	-8.374D+03
Y	2	2	41	2	24	2	2	2	41	2	3	16
Y MAXIMUM	-7.244D+01	1.904D+02	3.437D+01	1.043D+03	-1.567D+03	5.972D+03	-7.244D+01	1.904D+02	3.437D+01	1.043D+03	2.126D+03	-8.030D+03
Z	3	8	3	11	3	11	3	8	3	11	3	14
Z MAXIMUM	1.688D+02	5.955D+01	9.730D+01	-9.499D+02	2.226D+03	-3.976D+03	1.688D+02	5.955D+01	9.730D+01	-9.499D+02	9.256D+03	7.686D+02
GRAND TOTAL	5.250D+02	8.987D+02	3.421D+02	1.318D+04	1.158D+04	5.202D+04	5.250D+02	8.987D+02	3.421D+02	1.318D+04	2.856D+04	3.147D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (112)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	8	3	2	3	8	3	8	3	2
X MAXIMUM	2.591D+02	1.121D+02	-2.903D+02	2.799D+03	1.669D+04	-8.374D+03	2.591D+02	1.121D+02	-2.903D+02	2.799D+03	-3.744D+03	-1.294D+04
Y	2	37	29	2	3	16	2	37	29	2	24	2
Y MAXIMUM	-6.637D+01	-8.145D+01	-5.476D+01	1.043D+03	2.126D+03	-8.030D+03	-6.637D+01	-8.145D+01	-5.476D+01	1.043D+03	2.728D+03	-1.202D+04
Z	3	11	3	11	3	14	3	11	3	11	26	8
Z MAXIMUM	1.437D+02	-3.485D+01	-1.610D+02	-9.499D+02	9.256D+03	7.686D+02	1.437D+02	-3.485D+01	-1.610D+02	-9.499D+02	2.310D+03	-2.870D+03
GRAND TOTAL	4.892D+02	5.635D+02	6.188D+02	1.318D+04	2.856D+04	3.147D+04	4.892D+02	5.635D+02	6.188D+02	1.318D+04	2.035D+04	4.651D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (113)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	3	3	2	8	2	3	3	3	2	8	2	3
X MAXIMUM	2.358D+02	-2.147D+02	4.126D+01	2.799D+03	-1.294D+04	3.744D+03	2.014D+02	-2.472D+02	4.126D+01	1.212D+03	-1.291D+04	4.053D+03

Y	2	3	16	2	2	24	2	3	16	14	2	24
Y MAXIMUM	-6.324D+01	-2.734D+01	1.384D+02	1.043D+03	-1.202D+04	-2.728D+03	-6.037D+01	-3.148D+01	1.384D+02	9.784D+02	-1.199D+04	-2.740D+03
Z	3	3	16	11	8	26	3	3	16	11	8	26
Z MAXIMUM	1.307D+02	-1.190D+02	1.173D+01	-9.499D+02	-2.870D+03	-2.310D+03	1.117D+02	-1.371D+02	1.173D+01	-5.706D+02	-2.957D+03	-2.336D+03
GRAND TOTAL	4.909D+02	3.684D+02	3.772D+02	1.318D+04	4.651D+04	2.035D+04	4.672D+02	3.960D+02	3.772D+02	9.099D+03	4.734D+04	2.064D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (113)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	3	2	2	2	3
X MAXIMUM	1.627D+02	-2.743D+02	4.126D+01	-2.693D+03	-1.259D+04	4.402D+03
Y	2	3	16	2	2	24
Y MAXIMUM	-5.616D+01	-3.493D+01	1.384D+02	-2.502D+03	-1.170D+04	-2.748D+03
Z	3	3	16	23	8	3
Z MAXIMUM	9.021D+01	-1.521D+02	1.173D+01	-3.311D+02	-2.979D+03	2.441D+03
GRAND TOTAL	4.390D+02	4.240D+02	3.772D+02	7.961D+03	4.713D+04	2.091D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (114)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	2	3	2	3	2	3	2	3	2	3	2
X MAXIMUM	1.630D+02	-1.983D+02	-1.516D+02	-2.693D+03	-4.402D+03	-1.259D+04	1.630D+02	-1.983D+02	-1.516D+02	-2.693D+03	-2.053D+04	8.510D+03
Y	2	16	24	2	24	2	2	16	24	2	3	16
Y MAXIMUM	-5.627D+01	-2.586D+02	-4.706D+01	-2.502D+03	2.748D+03	-1.170D+04	-5.627D+01	-2.586D+02	-4.706D+01	-2.502D+03	-2.615D+03	2.383D+04
Z	3	8	3	23	3	8	3	8	3	23	3	16
Z MAXIMUM	9.040D+01	-3.519D+01	-8.406D+01	-3.310D+02	-2.441D+03	-2.979D+03	9.040D+01	-3.519D+01	-8.406D+01	-3.310D+02	-1.138D+04	2.020D+03
GRAND TOTAL	4.428D+02	9.069D+02	3.890D+02	7.962D+03	2.091D+04	4.713D+04	4.428D+02	9.069D+02	3.890D+02	7.962D+03	3.346D+04	5.375D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (115)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	14	3	2	3	2	3	14	3	2	3	8
X MAXIMUM	1.635D+02	-1.007D+02	2.838D+02	-2.693D+03	-2.053D+04	8.510D+03	1.635D+02	-1.007D+02	2.838D+02	-2.693D+03	1.533D+04	9.585D+03
Y	2	16	16	2	3	16	2	16	16	2	16	16
Y MAXIMUM	-5.640D+01	4.583D+02	-5.404D+01	-2.502D+03	-2.615D+03	2.383D+04	-5.640D+01	4.583D+02	-5.404D+01	-2.502D+03	-6.214D+03	-3.407D+04
Z	3	16	3	23	3	16	3	16	3	23	3	11
Z MAXIMUM	9.062D+01	3.885D+01	1.574D+02	-3.310D+02	-1.138D+04	2.020D+03	9.062D+01	3.885D+01	1.574D+02	-3.310D+02	8.497D+03	-3.286D+03
GRAND TOTAL	4.475D+02	9.480D+02	4.948D+02	7.962D+03	3.346D+04	5.375D+04	4.475D+02	9.480D+02	4.948D+02	7.962D+03	3.022D+04	7.582D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (116)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	2	3	2	3	8	3	2	3	2	3	8
X MAXIMUM	1.635D+02	8.687D+01	-1.332D+02	-2.692D+03	1.533D+04	9.585D+03	1.635D+02	8.687D+01	-1.332D+02	-2.692D+03	1.399D+04	8.839D+03
Y	2	16	16	2	16	16	2	16	16	2	16	16
Y MAXIMUM	-5.641D+01	-1.821D+02	2.125D+02	-2.502D+03	-6.214D+03	-3.407D+04	-5.641D+01	-1.821D+02	2.125D+02	-2.502D+03	-4.078D+03	-3.224D+04
Z	3	11	3	23	3	11	3	11	3	23	3	11
Z MAXIMUM	9.064D+01	-2.188D+01	-7.383D+01	-3.310D+02	8.497D+03	-3.286D+03	9.064D+01	-2.188D+01	-7.383D+01	-3.310D+02	7.755D+03	-3.066D+03
GRAND TOTAL	4.477D+02	4.279D+02	6.252D+02	7.964D+03	3.022D+04	7.582D+04	4.477D+02	4.279D+02	6.252D+02	7.964D+03	2.484D+04	7.211D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (117)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	3	2	3	8	14	8	3	2	20	8
X MAXIMUM	-5.079D+02	1.709D+02	-1.382D+02	-2.693D+03	1.399D+04	8.839D+03	-5.079D+02	1.709D+02	-1.382D+02	-2.693D+03	5.237D+03	-7.821D+03
Y	16	16	16	2	16	16	16	16	16	2	16	16
Y MAXIMUM	-2.115D+03	-6.744D+02	1.897D+02	-2.502D+03	-4.078D+03	-3.224D+04	-2.115D+03	-6.744D+02	1.897D+02	-2.502D+03	1.442D+04	3.351D+04
Z	26	11	3	23	3	11	26	11	3	23	26	16
Z MAXIMUM	-2.737D+02	-5.961D+01	-7.662D+01	-3.310D+02	7.755D+03	-3.066D+03	-2.737D+02	-5.961D+01	-7.662D+01	-3.310D+02	2.449D+03	2.841D+03
GRAND TOTAL	4.882D+03	1.376D+03	5.591D+02	7.962D+03	2.484D+04	7.211D+04	4.882D+03	1.376D+03	5.591D+02	7.962D+03	3.662D+04	6.419D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (118)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	3	2	20	8	14	8	3	2	20	8
X MAXIMUM	-5.069D+02	1.797D+02	-1.575D+02	-2.693D+03	5.237D+03	-7.821D+03	-5.069D+02	1.797D+02	-1.575D+02	-2.693D+03	5.250D+03	-9.079D+03
Y	16	16	16	2	16	16	16	16	16	2	16	16
Y MAXIMUM	-2.110D+03	-7.334D+02	7.171D+01	-2.502D+03	1.442D+04	3.351D+04	-2.110D+03	-7.334D+02	7.171D+01	-2.502D+03	1.492D+04	3.865D+04
Z	26	11	3	23	26	16	26	11	3	23	26	16
Z MAXIMUM	-2.724D+02	-6.308D+01	-8.735D+01	-3.310D+02	2.449D+03	2.841D+03	-2.724D+02	-6.308D+01	-8.735D+01	-3.310D+02	2.250D+03	3.276D+03
GRAND TOTAL	4.868D+03	1.506D+03	3.595D+02	7.961D+03	3.662D+04	6.419D+04	4.868D+03	1.506D+03	3.595D+02	7.961D+03	3.764D+04	7.467D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (119)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	3	2	20	8	14	8	3	2	20	8
X MAXIMUM	-5.065D+02	1.810D+02	-1.632D+02	-2.692D+03	5.250D+03	-9.079D+03	-5.065D+02	1.810D+02	-1.632D+02	-2.692D+03	5.096D+03	-1.062D+04
Y	16	16	14	2	16	16	16	16	14	2	16	16
Y MAXIMUM	-2.108D+03	-7.484D+02	3.736D+01	-2.502D+03	1.492D+04	3.865D+04	-2.108D+03	-7.484D+02	3.736D+01	-2.502D+03	1.522D+04	4.501D+04
Z	26	11	3	23	26	16	26	11	3	23	26	16
Z MAXIMUM	-2.719D+02	-6.365D+01	-9.047D+01	-3.310D+02	2.250D+03	3.276D+03	-2.719D+02	-6.365D+01	-9.047D+01	-3.310D+02	1.863D+03	3.816D+03
GRAND TOTAL	4.863D+03	1.542D+03	3.609D+02	7.963D+03	3.764D+04	7.467D+04	4.863D+03	1.542D+03	3.609D+02	7.963D+03	3.807D+04	8.771D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (120)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	20	20	14	20	20	8	20	20	14	20	20
X MAXIMUM	2.605D+02	-2.779D+02	-3.300D+02	2.117D+03	7.086D+03	-6.001D+03	2.605D+02	-2.779D+02	-3.300D+02	2.117D+03	4.611D+03	-3.917D+03
Y	16	16	16	16	16	14	16	16	16	16	16	14
Y MAXIMUM	-9.334D+02	-2.059D+02	1.080D+03	8.124D+03	-2.960D+04	-1.794D+03	-9.334D+02	-2.059D+02	1.080D+03	8.124D+03	-2.150D+04	-9.979D+02
Z	11	26	16	26	16	26	11	26	16	26	16	26
Z MAXIMUM	-8.609D+01	-5.256D+01	9.158D+01	-1.255D+03	-2.509D+03	-1.220D+03	-8.609D+01	-5.256D+01	9.158D+01	-1.255D+03	-1.822D+03	-8.259D+02
GRAND TOTAL	2.284D+03	8.552D+02	2.580D+03	2.161D+04	5.396D+04	1.861D+04	2.284D+03	8.552D+02	2.580D+03	2.161D+04	3.669D+04	1.293D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (121)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	43	20	20	20	8	20	43	20	20	3	8
X MAXIMUM	-4.980D+02	-8.761D+01	-2.110D+02	-3.527D+03	3.597D+03	-9.791D+03	-4.980D+02	-8.761D+01	-2.110D+02	-3.527D+03	-2.514D+03	-9.111D+03
Y	16	16	16	16	16	16	16	16	16	16	16	16
Y MAXIMUM	-1.133D+03	1.708D+02	-5.186D+02	-1.063D+04	7.100D+03	1.700D+04	-1.133D+03	1.708D+02	-5.186D+02	-1.063D+04	2.692D+03	1.555D+04
Z	26	43	26	26	26	11	26	43	26	26	26	11
Z MAXIMUM	-3.064D+02	-3.973D+01	-1.108D+02	-9.743D+02	3.118D+03	2.974D+03	-3.064D+02	-3.973D+01	-1.108D+02	-9.743D+02	2.176D+03	2.782D+03
GRAND TOTAL	3.166D+03	7.475D+02	1.390D+03	2.412D+04	2.423D+04	7.008D+04	3.166D+03	7.475D+02	1.390D+03	2.412D+04	1.309D+04	6.597D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (122)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	8	20	20	3	8	20	8	20	20	3	8
X MAXIMUM	-4.978D+02	-8.288D+01	-2.341D+02	-3.527D+03	-2.514D+03	-9.111D+03	-4.978D+02	-8.288D+01	-2.341D+02	-3.527D+03	-5.246D+03	-8.001D+03
Y	16	16	16	16	16	16	16	16	16	16	16	14
Y MAXIMUM	-1.130D+03	1.602D+02	-5.588D+02	-1.063D+04	2.692D+03	1.555D+04	-1.130D+03	1.602D+02	-5.588D+02	-1.063D+04	-4.793D+03	-1.368D+04
Z	26	43	26	26	26	11	26	43	26	26	3	11
Z MAXIMUM	-3.057D+02	-3.362D+01	-1.322D+02	-9.743D+02	2.176D+03	2.782D+03	-3.057D+02	-3.362D+01	-1.322D+02	-9.743D+02	-2.908D+03	2.469D+03
GRAND TOTAL	3.161D+03	7.279D+02	1.520D+03	2.412D+04	1.309D+04	6.597D+04	3.161D+03	7.279D+02	1.520D+03	2.412D+04	1.416D+04	6.150D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (123)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	20	20	8	20	8	3	20	20	8	2	8	3
X MAXIMUM	-4.976D+02	-2.527D+02	8.899D+01	-3.527D+03	-8.001D+03	5.246D+03	-5.475D+02	-1.081D+02	8.899D+01	-3.688D+03	-7.216D+03	5.841D+03

Y	16	16	16	16	14	16	16	16	16	16	16	16
Y MAXIMUM	-1.128D+03	-5.906D+02	-1.562D+02	-1.063D+04	-1.368D+04	4.793D+03	-1.246D+03	-2.623D+02	-1.562D+02	-6.679D+03	1.515D+04	6.562D+03
Z	26	26	11	26	11	3	26	26	11	14	11	3
Z MAXIMUM	-3.050D+02	-1.506D+02	-2.545D+01	-9.743D+02	2.469D+03	2.908D+03	-3.344D+02	-6.213D+01	-2.545D+01	-9.418D+02	2.329D+03	3.239D+03
GRAND TOTAL	3.154D+03	1.629D+03	7.211D+02	2.412D+04	6.150D+04	1.416D+04	3.475D+03	7.186D+02	7.211D+02	2.949D+04	6.009D+04	1.728D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (123)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	3	8	2	8	3
X MAXIMUM	-5.563D+02	5.530D+01	8.899D+01	-4.703D+03	-5.888D+03	5.891D+03
Y	16	16	16	14	16	16
Y MAXIMUM	-1.270D+03	8.576D+01	-1.562D+02	-8.796D+03	1.576D+04	6.929D+03
Z	26	26	11	14	11	3
Z MAXIMUM	-3.388D+02	3.099D+01	-2.545D+01	-1.430D+03	2.015D+03	3.266D+03
GRAND TOTAL	3.535D+03	2.754D+02	7.211D+02	3.454D+04	5.448D+04	1.805D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (124)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	8	3	2	3	8	20	8	3	2	20	2
X MAXIMUM	-5.924D+02	-1.174D+02	4.406D+01	-4.702D+03	-5.891D+03	-5.888D+03	-5.924D+02	-1.174D+02	4.406D+01	-4.702D+03	-3.194D+03	3.883D+03
Y	16	14	31	14	16	16	16	14	31	14	16	14
Y MAXIMUM	-1.324D+03	-2.094D+02	1.908D+01	-8.796D+03	-6.929D+03	1.576D+04	-1.324D+03	-2.094D+02	1.908D+01	-8.796D+03	-8.086D+03	7.201D+03
Z	26	11	26	14	3	11	26	11	26	14	26	14
Z MAXIMUM	-3.737D+02	3.512D+01	-2.843D+01	-1.430D+03	-3.266D+03	2.015D+03	-3.737D+02	3.512D+01	-2.843D+01	-1.430D+03	-2.382D+03	1.171D+03
GRAND TOTAL	3.742D+03	9.078D+02	1.360D+02	3.454D+04	1.805D+04	5.449D+04	3.742D+03	9.078D+02	1.360D+02	3.454D+04	2.283D+04	2.952D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (125)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	8	20	2	20	2	20	8	20	2	20	14
X MAXIMUM	-6.280D+02	-1.294D+02	-5.581D+00	-4.702D+03	-3.194D+03	3.883D+03	-6.280D+02	-1.294D+02	-5.581D+00	-4.702D+03	-3.254D+03	4.968D+03
Y	16	14	43	14	16	14	16	14	43	14	16	14
Y MAXIMUM	-1.376D+03	-2.491D+02	-7.856D+00	-8.796D+03	-8.086D+03	7.201D+03	-1.376D+03	-2.491D+02	-7.856D+00	-8.796D+03	-8.037D+03	9.856D+03
Z	26	14	26	14	26	14	26	14	26	14	26	14
Z MAXIMUM	-4.082D+02	-4.050D+01	-2.704D+00	-1.430D+03	-2.382D+03	1.171D+03	-4.082D+02	-4.050D+01	-2.704D+00	-1.430D+03	-2.411D+03	1.602D+03
GRAND TOTAL	3.947D+03	1.167D+03	3.488D+01	3.454D+04	2.283D+04	2.952D+04	3.947D+03	1.167D+03	3.488D+01	3.454D+04	2.276D+04	3.850D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (126)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	8	20	2	20	14	20	8	20	2	20	14
X MAXIMUM	-1.846D+02	-1.317D+02	-4.689D+00	-4.702D+03	-3.254D+03	4.969D+03	-1.846D+02	-1.317D+02	-4.689D+00	-4.702D+03	-3.301D+03	6.262D+03
Y	16	14	43	14	16	14	16	14	43	14	16	14
Y MAXIMUM	-4.330D+02	-2.567D+02	-6.973D+00	-8.795D+03	-8.037D+03	9.856D+03	-4.330D+02	-2.567D+02	-6.973D+00	-8.795D+03	-7.976D+03	1.242D+04
Z	26	14	26	14	26	14	26	14	26	14	26	14
Z MAXIMUM	-1.034D+02	-4.173D+01	-2.294D+00	-1.430D+03	-2.411D+03	1.602D+03	-1.034D+02	-4.173D+01	-2.294D+00	-1.430D+03	-2.434D+03	2.020D+03
GRAND TOTAL	1.320D+03	1.217D+03	3.396D+01	3.453D+04	2.276D+04	3.850D+04	1.320D+03	1.217D+03	3.396D+01	3.453D+04	2.268D+04	4.791D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (127)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	14	14	2	20	14	20	14	14	2	20	20
X MAXIMUM	-2.147D+02	1.095D+02	2.858D+00	-4.701D+03	-3.301D+03	6.263D+03	-2.147D+02	1.095D+02	2.858D+00	-4.701D+03	-3.214D+03	-2.464D+03
Y	16	14	16	14	16	14	16	14	16	14	16	16
Y MAXIMUM	-4.773D+02	2.173D+02	1.606D+01	-8.794D+03	-7.976D+03	1.242D+04	-4.773D+02	2.173D+02	1.606D+01	-8.794D+03	-6.895D+03	-4.408D+03
Z	26	14	26	14	26	14	26	14	26	14	26	26
Z MAXIMUM	-1.326D+02	3.533D+01	2.335D+00	-1.430D+03	-2.434D+03	2.020D+03	-1.326D+02	3.533D+01	2.335D+00	-1.430D+03	-2.277D+03	-1.286D+03
GRAND TOTAL	1.483D+03	8.749D+02	3.748D+01	3.453D+04	2.268D+04	4.791D+04	1.483D+03	8.749D+02	3.748D+01	3.453D+04	2.076D+04	1.520D+04

LEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (128)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	20	20	14	2	20	20	20	20	14	14	2	20
X MAXIMUM	-2.495D+02	9.975D+00	-9.506D+01	-4.701D+03	-2.464D+03	3.214D+03	-1.694D+02	1.835D+02	-9.506D+01	-4.336D+03	1.911D+03	2.012D+03
Y	16	16	14	14	16	16	16	16	14	14	14	16
Y MAXIMUM	-5.288D+02	3.133D+01	-1.886D+02	-8.793D+03	-4.408D+03	6.895D+03	-3.518D+02	3.961D+02	-1.886D+02	-8.602D+03	2.663D+03	4.240D+03
Z	26	26	14	14	26	26	26	26	14	26	26	26
Z MAXIMUM	-1.664D+02	1.224D+01	-3.066D+01	-1.430D+03	-1.286D+03	2.277D+03	-1.090D+02	1.263D+02	-3.066D+01	-1.403D+03	-6.428D+02	1.416D+03
GRAND TOTAL	1.676D+03	1.010D+02	6.606D+02	3.453D+04	1.520D+04	2.076D+04	1.134D+03	1.247D+03	6.606D+02	3.741D+04	1.417D+04	1.248D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (128)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	20	14	14	2	20
X MAXIMUM	9.968D+00	2.495D+02	-9.506D+01	-2.535D+03	3.370D+03	-6.782D+02
Y	16	16	14	16	14	16
Y MAXIMUM	3.132D+01	5.288D+02	-1.886D+02	-5.276D+03	5.965D+03	-1.506D+03
Z	26	26	14	26	14	26
Z MAXIMUM	1.223D+01	1.664D+02	-3.066D+01	-1.514D+03	9.698D+02	-4.029D+02
GRAND TOTAL	1.010D+02	1.676D+03	6.606D+02	2.462D+04	2.494D+04	5.975D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (129)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	14	20	14	20	2	20	14	20	14	20	2
X MAXIMUM	8.027D+00	9.343D+01	2.556D+02	-2.552D+03	6.782D+02	3.358D+03	8.027D+00	9.343D+01	2.556D+02	-2.552D+03	1.439D+03	3.097D+03
Y	16	14	16	16	16	14	16	14	16	16	16	
Y MAXIMUM	2.823D+01	1.853D+02	5.378D+02	-5.284D+03	1.506D+03	5.936D+03	2.823D+01	1.853D+02	5.378D+02	-5.284D+03	3.107D+03	5.385D+03
Z	26	14	26	26	26	14	26	14	26	26	26	14
Z MAXIMUM	1.131D+01	3.013D+01	1.725D+02	-1.516D+03	4.029D+02	9.651D+02	1.131D+01	3.013D+01	1.725D+02	-1.516D+03	9.163D+02	8.754D+02
GRAND TOTAL	9.754D+01	6.568D+02	1.708D+03	2.476D+04	5.975D+03	2.481D+04	9.754D+01	6.568D+02	1.708D+03	2.476D+04	1.102D+04	2.301D+

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (130)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(
X	20	14	20	14	20	2	2	14	20	20	20	2
X MAXIMUM	8.881D+00	-9.257D+01	-2.609D+02	-2.535D+03	-2.215D+03	-2.842D+03	-6.409D+01	-6.756D+01	-2.609D+02	-4.484D+03	-2.562D+03	-1.925D+03
Y	16	14	16	16	16	14	14	14	16	16	16	14
Y MAXIMUM	3.125D+01	-1.836D+02	-5.455D+02	-5.276D+03	-4.738D+03	-4.852D+03	-1.257D+02	-1.340D+02	-5.455D+02	-9.477D+03	-5.406D+03	-2.879D+
Z	26	14	26	26	26	14	14	14	26	26	26	14
Z MAXIMUM	1.237D+01	-2.985D+01	-1.777D+02	-1.514D+03	-1.441D+03	-7.889D+02	-2.043D+01	-2.179D+01	-1.777D+02	-2.870D+03	-1.834D+03	-4.680D+02
GRAND TOTAL	1.128D+02	6.611D+02	1.736D+03	2.462D+04	1.619D+04	2.131D+04	4.322D+02	5.304D+02	1.736D+03	3.632D+04	1.517D+04	1.510D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (130)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	20	20	20	2	
X MAXIMUM	-9.257D+01	-8.881D+00	-2.609D+02	-6.128D+03	1.613D+03	-1.572D+03
Y	14	16	16	16	16	14
Y MAXIMUM	-1.836D+02	-3.125D+01	-5.455D+02	-1.292D+04	-2.907D+03	-2.009D+03
Z	14	26	26	26	26	43
Z MAXIMUM	-2.985D+01	-1.237D+01	-1.777D+02	-4.107D+03	-1.153D+03	4.511D+02
GRAND TOTAL	6.611D+02	1.128D+02	1.736D+03	4.221D+04	1.169D+04	1.284D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (131)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	20	20	20	2	20	14	20	20	20	2	20
X MAX MUM	4.334D 02	1. 39D	-	-	2 9	- 0	- 7	-	-		-	

Y	14	16	16	16	14	16	14	16	16	16	16	16
Y MAXIMUM	-1.836D+02	3.879D+02	-3.849D+02	-1.292D+04	2.127D+03	-2.088D+03	-1.836D+02	3.879D+02	-3.849D+02	-1.292D+04	-3.566D+03	-3.640D+03
Z	14	26	26	26	26	26	14	26	26	26	26	26
Z MAXIMUM	-2.986D+01	1.250D+02	-1.271D+02	-4.107D+03	-8.580D+02	-7.796D+02	-2.986D+01	1.250D+02	-1.271D+02	-4.107D+03	-1.366D+03	-1.279D+03
GRAND TOTAL	6.611D+02	1.261D+03	1.222D+03	4.221D+04	1.598D+04	8.005D+03	6.611D+02	1.261D+03	1.222D+03	4.221D+04	1.716D+04	1.261D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (132)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	20	20	14	20	20	8	20	20	14	2	18
X MAXIMUM	2.613D+02	-1.947D+02	-3.783D+02	2.202D+03	5.379D+03	-2.938D+03	2.613D+02	-1.947D+02	-3.783D+02	2.202D+03	2.800D+03	-1.511D+03
Y	16	16	16	16	16	16	16	16	16	16	16	18
Y MAXIMUM	-9.087D+02	-4.611D+02	1.017D+03	9.553D+03	-2.058D+04	-3.684D+03	-9.087D+02	-4.611D+02	1.017D+03	9.553D+03	-1.191D+04	-4.494D+02
Z	11	26	16	26	16	26	11	26	16	26	16	26
Z MAXIMUM	-8.667D+01	-4.044D+01	8.626D+01	-1.275D+03	-1.745D+03	-7.748D+02	-8.667D+01	-4.044D+01	8.626D+01	-1.275D+03	-1.010D+03	-4.303D+02
GRAND TOTAL	2.296D+03	1.109D+03	2.529D+03	2.256D+04	3.534D+04	1.396D+04	2.296D+03	1.109D+03	2.529D+03	2.256D+04	2.399D+04	6.166D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (133)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	20	20	14	18	2	14	20	20	14	18	8
X MAXIMUM	2.602D+02	-3.936D+02	1.470D+02	2.271D+03	-1.532D+03	-2.727D+03	2.790D+02	-3.231D+02	1.470D+02	2.017D+03	-9.900D+02	-2.654D+03
Y	16	16	16	16	16	16	14	16	16	16	16	14
Y MAXIMUM	-9.446D+02	9.728D+02	4.721D+02	8.717D+03	-1.004D+03	1.250D+04	5.535D+02	1.356D+03	4.721D+02	6.698D+03	-3.870D+03	-4.251D+03
Z	11	16	16	26	26	16	14	16	16	26	26	8
Z MAXIMUM	-8.604D+01	8.247D+01	4.002D+01	-1.273D+03	-4.212D+02	1.060D+03	8.999D+01	1.149D+02	4.002D+01	-1.131D+03	7.656D+02	-7.241D+02
GRAND TOTAL	2.314D+03	2.446D+03	1.169D+03	2.251D+04	6.736D+03	2.404D+04	2.077D+03	2.445D+03	1.169D+03	1.772D+04	1.157D+04	1.751D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (133)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	8	20	14	3	20
X MAXIMUM	-3.936D+02	-2.602D+02	1.470D+02	1.234D+03	1.332D+03	1.922D+03
Y	16	16	16	16	16	16
Y MAXIMUM	9.728D+02	9.446D+02	4.721D+02	3.244D+03	-4.468D+03	-4.756D+03
Z	16	11	16	14	26	14
Z MAXIMUM	8.247D+01	8.604D+01	4.002D+01	3.980D+02	1.504D+03	-6.082D+02
GRAND TOTAL	2.446D+03	2.314D+03	1.169D+03	1.038D+04	1.364D+04	1.752D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (134)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	8	20	14	3	20	20	8	20	14	3	20
X MAXIMUM	-3.895D+02	2.602D+02	-1.321D+02	1.234D+03	-1.332D+03	-1.922D+03	-3.895D+02	2.602D+02	-1.321D+02	1.234D+03	-1.436D+03	-2.256D+03
Y	16	16	16	16	16	16	16	16	16	16	16	16
Y MAXIMUM	9.698D+02	-9.465D+02	-4.429D+02	3.245D+03	4.468D+03	4.756D+03	9.698D+02	-9.465D+02	-4.429D+02	3.245D+03	2.158D+03	9.693D+03
Z	16	11	16	14	26	14	16	11	16	14	26	16
Z MAXIMUM	8.222D+01	-8.607D+01	-3.755D+01	3.980D+02	-1.504D+03	6.082D+02	8.222D+01	-8.607D+01	-3.755D+01	3.980D+02	-1.586D+03	8.217D+02
GRAND TOTAL	2.409D+03	2.320D+03	1.065D+03	1.038D+04	1.364D+04	1.752D+04	2.409D+03	2.320D+03	1.065D+03	1.038D+04	1.002D+04	2.098D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (135)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	18	14	14	3	20	20	18	14	14	14	18
X MAXIMUM	-3.661D+02	3.884D+01	-6.513D+01	1.234D+03	-1.436D+03	-2.256D+03	-3.661D+02	3.884D+01	-6.513D+01	1.234D+03	-6.274D+03	-3.669D+03
Y	16	16	16	16	16	16	16	16	16	16	16	16
Y MAXIMUM	9.532D+02	7.534D+01	-2.574D+02	3.245D+03	2.158D+03	9.693D+03	9.532D+02	7.534D+01	-2.574D+02	3.245D+03	-2.483D+04	1.794D+03
Z	16	18	26	14	26	16	16	18	26	14	26	4
Z MAXIMUM	8.081D+01	9.309D+00	3.705D+01	3.980D+02	-1.586D+03	8.217D+02	8.081D+01	9.309D+00	3.705D+01	3.980D+02	2.298D+03	-9.019D+02
GRAND TOTAL	2.214D+03	2.614D+02	6.759D+02	1.038D+04	1.002D+04	2.098D+04	2.214D+03	2.614D+02	6.759D+02	1.038D+04	6.294D+04	1.353D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (136)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	8	20	14	14	18	20	8	20	14	14	8
X MAXIMUM	-3.339D+02	1.199D+02	1.154D+02	1.234D+03	-6.274D+03	-3.669D+03	-3.339D+02	1.199D+02	1.154D+02	1.234D+03	-4.349D+03	-2.613D+03
Y	16	16	16	16	16	16	16	16	16	16	16	14
Y MAXIMUM	9.283D+02	3.963D+01	2.595D+02	3.245D+03	-2.483D+04	1.794D+03	9.283D+02	3.963D+01	2.595D+02	3.245D+03	-1.486D+04	7.952D+02
Z	16	4	16	14	26	4	16	4	16	14	26	8
Z MAXIMUM	7.870D+01	-3.615D+01	2.200D+01	3.980D+02	2.298D+03	-9.019D+02	7.870D+01	-3.615D+01	2.200D+01	3.980D+02	2.036D+03	-7.129D+02
GRAND TOTAL	2.073D+03	6.384D+02	6.938D+02	1.038D+04	6.294D+04	1.353D+04	2.073D+03	6.384D+02	6.938D+02	1.038D+04	3.739D+04	1.422D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (137)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	20	8	20	8	20	18	20	8	20	18	20
X MAXIMUM	5.769D+00	-4.291D+00	3.574D+00	-3.551D+00	-2.666D+01	-3.589D+01	5.769D+00	-4.291D+00	3.574D+00	-3.551D+00	-1.495D+01	4.344D+00
Y	31	16	16	16	16	16	31	16	16	16	14	14
Y MAXIMUM	2.807D+00	-1.521D+01	-5.957D+00	-4.912D+00	5.629D+01	-1.413D+02	2.807D+00	-1.521D+01	-5.957D+00	-4.912D+00	-9.097D+00	-3.864D+00
Z	26	26	4	18	11	26	26	26	4	18	26	26
Z MAXIMUM	1.990D+00	2.746D+00	-1.007D+00	6.515D-01	-7.727D+00	2.356D+01	1.990D+00	2.746D+00	-1.007D+00	6.515D-01	-4.858D+00	-2.186D+00
GRAND TOTAL	3.181D+01	4.162D+01	3.897D+01	1.773D+01	2.520D+02	3.715D+02	3.181D+01	4.162D+01	3.897D+01	1.773D+01	1.159D+02	3.878D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (138)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	14	18	20	18	8	18	14	18	14	18
X MAXIMUM	-4.049D+00	-5.076D+00	-3.053D+00	-1.342D+00	3.551D+00	-1.523D+01	-4.049D+00	-5.076D+00	-3.053D+00	-1.342D+00	-2.024D+01	1.903D+01
Y	14	31	16	43	16	14	14	31	16	43	16	16
Y MAXIMUM	3.219D+00	-2.469D+00	-1.384D+01	-1.130D+00	4.912D+00	-9.829D+00	3.219D+00	-2.469D+00	-1.384D+01	-1.130D+00	-8.848D+01	-1.498D+01
Z	26	26	26	26	18	26	26	26	26	26	26	26
Z MAXIMUM	1.234D+00	-1.743D+00	2.146D+00	6.693D-01	-6.515D-01	-5.285D+00	1.234D+00	-1.743D+00	2.146D+00	6.693D-01	1.394D+01	6.483D+00
GRAND TOTAL	3.542D+01	2.836D+01	3.391D+01	9.774D+00	1.773D+01	1.221D+02	3.542D+01	2.836D+01	3.391D+01	9.774D+00	2.164D+02	1.054D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (139)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	20	18	14	18	8	18	20	18	14	8
X MAXIMUM	-5.422D+00	3.007D+00	1.794D+00	-1.344D+00	-2.024D+01	1.903D+01	-5.422D+00	3.007D+00	1.794D+00	-1.344D+00	-8.267D+00	6.190D+00
Y	43	16	16	43	16	16	43	16	16	43	16	43
Y MAXIMUM	4.440D+00	-2.388D+00	7.841D+00	-1.130D+00	-8.848D+01	-1.498D+01	4.440D+00	-2.388D+00	7.841D+00	-1.130D+00	-2.771D+01	-1.019D+01
Z	26	26	26	26	26	26	26	26	26	26	26	43
Z MAXIMUM	1.541D+00	1.045D+00	-1.235D+00	6.688D-01	1.394D+01	6.483D+00	1.541D+00	1.045D+00	-1.235D+00	6.688D-01	4.361D+00	-2.791D+00
GRAND TOTAL	3.868D+01	1.980D+01	1.918D+01	9.776D+00	2.164D+02	1.054D+02	3.868D+01	1.980D+01	1.918D+01	9.776D+00	7.117D+01	5.328D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (140)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	18	20	18	14	8	18	8	20	14	20	18
X MAXIMUM	-5.537D+00	3.755D+00	2.043D+00	-1.343D+00	-8.267D+00	6.190D+00	5.718D+00	3.008D+00	2.043D+00	-3.325D+00	6.024D+00	-9.821D+00
Y	43	16	16	43	16	43	43	43	16	16	16	43
Y MAXIMUM	4.942D+00	-2.860D+00	9.233D+00	-1.130D+00	-2.771D+01	-1.019D+01	5.172D+00	-1.817D+00	9.233D+00	-9.547D+00	7.284D+00	-1.111D+01
Z	26	26	26	26	26	43	26	8	26	26	26	26
Z MAXIMUM	1.567D+00	1.293D+00	-1.469D+00	6.690D-01	4.361D+00	-2.791D+00	2.023D+00	8.207D-01	-1.469D+00	1.836D+00	-1.543D+00	-3.439D+00
GRAND TOTAL	4.019D+01	2.367D+01	2.250D+01	9.773D+00	7.117D+01	5.328D+01	4.480D+01	1.311D+01	2.250D+01	2.990D+01	3.223D+01	7.591D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (140)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	8	20	20	20	8
X MAXIMUM	3.755D+00	5.536D+00	2.043D+00	7.839D+00	8.850D+00	-1.083D+01

Y	16	43	16	16	16	16
Y MAXIMUM	-2.860D+00	-4.942D+00	9.233D+00	9.216D+00	3.802D+01	4.848D+00
Z	26	26	26	26	26	8
Z MAXIMUM	1.293D+00	-1.567D+00	-1.469D+00	-1.513D+00	-6.544D+00	-2.954D+00
GRAND TOTAL	2.368D+01	4.019D+01	2.250D+01	3.641D+01	9.464D+01	4.912D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (141)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	20	8	20	8	20	18	20	8	20	8	20
X MAXIMUM	4.222D+00	1.785D+00	-5.406D+00	7.840D+00	-1.031D+01	-7.165D+00	4.222D+00	1.785D+00	-5.406D+00	7.840D+00	-2.147D+01	-1.085D+01
Y	16	16	16	16	16	16	16	16	16	16	16	16
Y MAXIMUM	-3.165D+00	8.680D+00	-5.439D+00	9.219D+00	-6.474D+00	-3.777D+01	-3.165D+00	8.680D+00	-5.439D+00	9.219D+00	-1.770D+01	-5.568D+01
Z	26	26	26	26	8	26	26	26	26	26	8	26
Z MAXIMUM	1.446D+00	-1.044D+00	1.968D+00	-1.514D+00	-2.814D+00	6.410D+00	1.446D+00	-1.044D+00	1.968D+00	-1.514D+00	-5.857D+00	8.564D+00
GRAND TOTAL	2.608D+01	2.581D+01	4.384D+01	3.641D+01	5.285D+01	9.562D+01	2.608D+01	2.581D+01	4.384D+01	3.641D+01	1.241D+02	1.469D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (142)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	20	8	20	8	20	18	20	8	20	8	20
X MAXIMUM	4.523D+00	1.887D+00	-5.449D+00	7.840D+00	-2.147D+01	-1.085D+01	4.523D+00	1.887D+00	-5.449D+00	7.840D+00	-3.951D+01	-1.710D+01
Y	16	16	16	16	16	16	16	16	16	16	16	16
Y MAXIMUM	-3.361D+00	9.052D+00	-5.635D+00	9.219D+00	-1.770D+01	-5.568D+01	-3.361D+00	9.052D+00	-5.635D+00	9.219D+00	-3.636D+01	-8.566D+01
Z	26	26	26	26	8	26	26	26	26	26	26	26
Z MAXIMUM	1.544D+00	-1.102D+00	1.990D+00	-1.514D+00	-5.857D+00	8.564D+00	1.544D+00	-1.102D+00	1.990D+00	-1.514D+00	1.207D+01	1.221D+01
GRAND TOTAL	2.765D+01	2.673D+01	4.453D+01	3.641D+01	1.241D+02	1.469D+02	2.765D+01	2.673D+01	4.453D+01	3.641D+01	2.708D+02	2.353D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (143)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	8	20	14	14	8	20	8	20	14	20	8
X MAXIMUM	-3.089D+02	9.602D+01	1.622D+02	1.182D+03	-2.829D+03	-4.591D+03	-3.089D+02	9.602D+01	1.622D+02	1.182D+03	5.048D+03	-6.319D+03
Y	16	14	16	16	16	14	16	14	16	16	43	14
Y MAXIMUM	9.070D+02	-1.366D+01	4.542D+02	3.001D+03	-7.418D+03	8.950D+02	9.070D+02	-1.366D+01	4.542D+02	3.001D+03	2.368D+03	1.141D+03
Z	16	4	16	14	26	8	16	4	16	14	26	8
Z MAXIMUM	7.689D+01	-2.932D+01	3.851D+01	3.813D+02	1.577D+03	-1.253D+03	7.689D+01	-2.932D+01	3.851D+01	3.813D+02	9.980D+02	-1.724D+03
GRAND TOTAL	2.040D+03	3.810D+02	1.181D+03	9.925D+03	2.623D+04	2.182D+04	2.040D+03	3.810D+02	1.181D+03	9.925D+03	1.992D+04	2.668D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (144)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	8	14	14	20	8	20	8	14	14	20	8
X MAXIMUM	-3.026D+02	8.964D+01	2.161D+02	1.182D+03	5.048D+03	-6.319D+03	-3.026D+02	8.964D+01	2.161D+02	1.182D+03	5.343D+03	-7.126D+03
Y	16	16	16	16	43	14	16	16	16	16	16	14
Y MAXIMUM	9.020D+02	-2.784D+01	8.801D+02	3.001D+03	2.368D+03	1.141D+03	9.020D+02	-2.784D+01	8.801D+02	3.001D+03	8.678D+03	1.311D+03
Z	16	4	26	14	26	8	16	4	26	14	16	8
Z MAXIMUM	7.647D+01	-2.715D+01	-1.702D+02	3.813D+02	9.980D+02	-1.724D+03	7.647D+01	-2.715D+01	-1.702D+02	3.813D+02	7.357D+02	-1.944D+03
GRAND TOTAL	2.032D+03	4.038D+02	2.346D+03	9.923D+03	1.992D+04	2.668D+04	2.032D+03	4.038D+02	2.346D+03	9.923D+03	2.174D+04	2.841D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (145)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	20	14	8	14	8	20	14	20	8	8	8	20
X MAXIMUM	-2.972D+02	2.129D+02	-8.459D+01	1.182D+03	-7.126D+03	-5.343D+03	2.657D+02	2.318D+02	-8.459D+01	-4.805D+03	-6.034D+03	-6.322D+03
Y	16	16	16	16	14	16	16	43	16	14	16	16
Y MAXIMUM	8.975D+02	8.669D+02	4.789D+01	3.000D+03	1.312D+03	-8.678D+03	1.248D+03	-1.402D+02	4.789D+01	2.650D+03	-1.591D+03	-1.183D+04
Z	16	26	4	14	8	16	26	26	4	4	8	26
Z MAXIMUM	7.608D+01	-1.681D+02	2.525D+01	3.813D+02	-1.944D+03	-7.357D+02	-1.425D+02	-9.530D+01	2.525D+01	1.332D+03	-1.646D+03	1.516D+03
GRAND TOTAL	2.025D+03	2.316D+03	4.973D+02	9.925D+03	2.841D+04	2.174D+04	2.745D+03	1.004D+03	4.973D+02	2.137D+04	2.320D+04	2.945D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (145)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	20	8	8	8	20
X MAXIMUM	2.129D+02	2.972D+02	-8.459D+01	-7.887D+03	-1.408D+03	-8.294D+03
Y	16	16	16	14	16	16
Y MAXIMUM	8.669D+02	-8.975D+02	4.789D+01	1.531D+03	-2.569D+03	-8.403D+03
Z	26	16	4	8	8	26
Z MAXIMUM	-1.681D+02	-7.609D+01	2.525D+01	-2.152D+03	-3.841D+02	1.747D+03
GRAND TOTAL	2.316D+03	2.026D+03	4.973D+02	3.044D+04	9.918D+03	2.745D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (146)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	20	8	20	8	14	8	20	8	20	8
X MAXIMUM	2.048D+02	8.033D+01	2.937D+02	-7.887D+03	8.294D+03	-1.407D+03	2.048D+02	8.033D+01	2.937D+02	-7.887D+03	1.338D+04	-2.798D+03
Y	16	16	16	14	16	16	16	16	16	14	16	14
Y MAXIMUM	8.357D+02	-7.303D+01	-9.008D+02	1.531D+03	8.403D+03	-2.570D+03	8.357D+02	-7.303D+01	-9.008D+02	1.531D+03	-7.193D+03	-1.569D+03
Z	26	26	16	8	26	8	26	26	16	8	20	8
Z MAXIMUM	-1.633D+02	2.757D+01	-7.637D+01	-2.152D+03	-1.747D+03	-3.840D+02	-1.633D+02	2.757D+01	-7.637D+01	-2.152D+03	1.369D+03	-7.635D+02
GRAND TOTAL	2.241D+03	6.142D+02	2.038D+03	3.044D+04	2.745D+04	9.917D+03	2.241D+03	6.142D+02	2.038D+03	3.044D+04	3.724D+04	1.450D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (147)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	20	8	8	8	8	8	20	8	8
X MAXIMUM	-1.003D+02	-1.762D+02	2.018D+02	4.531D+03	-4.728D+03	-4.425D+03	-1.003D+02	-1.762D+02	2.018D+02	4.531D+03	1.699D+04	1.454D+04
Y	31	18	16	14	16	16	31	18	16	14	14	18
Y MAXIMUM	-1.478D+02	2.955D+01	2.450D+01	-3.590D+03	-4.529D+03	4.810D+03	-1.478D+02	2.955D+01	2.450D+01	-3.590D+03	-2.457D+03	-3.938D+03
Z	26	4	8	14	8	26	26	4	8	14	8	4
Z MAXIMUM	-4.085D+01	6.511D+01	5.506D+01	-5.837D+02	-1.290D+03	-1.966D+03	-4.085D+01	6.511D+01	5.506D+01	-5.837D+02	4.636D+03	-5.923D+03
GRAND TOTAL	9.673D+02	6.746D+02	7.075D+02	1.759D+04	2.655D+04	3.096D+04	9.673D+02	6.746D+02	7.075D+02	1.759D+04	5.851D+04	5.917D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (148)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	8	5	10	10	1	1	8	5
X MAXIMUM	1.102D+03	-3.788D+03	3.825D+03	-1.808D+05	1.157D+05	5.485D+04	1.102D+03	-3.788D+03	3.825D+03	-1.808D+05	7.326D+04	2.371D+04
Y	19	24	11	19	19	24	19	24	11	19	19	24
Y MAXIMUM	-4.188D+02	-9.771D+02	-3.582D+02	9.833D+03	-1.599D+04	-1.688D+04	-4.188D+02	-9.771D+02	-3.582D+02	9.833D+03	-1.300D+04	-5.277D+03
Z	11	11	1	1	11	5	11	11	1	1	11	5
Z MAXIMUM	-4.443D+02	1.364D+03	1.661D+03	-7.851D+04	3.867D+04	1.833D+04	-4.443D+02	1.364D+03	1.661D+03	-7.851D+04	2.336D+04	7.925D+03
GRAND TOTAL	4.995D+03	1.928D+04	1.355D+04	2.396D+05	4.558D+05	3.082D+05	4.995D+03	1.928D+04	1.355D+04	2.396D+05	3.044D+05	9.772D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (149)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	10	1	1	8	8	10	10	1	1	1	10
X MAXIMUM	1.076D+03	3.829D+03	-3.795D+03	-1.808D+05	-6.574D+04	-3.287D+04	3.468D+03	1.947D+03	-3.795D+03	-1.306D+05	1.016D+05	-2.926D+04
Y	19	24	19	19	19	24	24	24	19	19	25	15
Y MAXIMUM	-4.167D+02	9.768D+02	-2.266D+02	9.833D+03	1.195D+04	5.274D+03	8.239D+02	5.575D+02	-2.266D+02	1.441D+04	-4.741D+03	7.996D+03
Z	11	11	1	1	11	8	11	11	1	1	1	11
Z MAXIMUM	-4.299D+02	-1.690D+03	-1.648D+03	-7.851D+04	-2.375D+04	-8.968D+03	-1.499D+03	-8.910D+02	-1.648D+03	-5.671D+04	4.409D+04	1.244D+04
GRAND TOTAL	4.876D+03	1.898D+04	1.250D+04	2.396D+05	3.001D+05	8.555D+04	1.642D+04	1.068D+04	1.250D+04	2.678D+05	1.418D+05	1.298D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (149)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	1	10
X MAXIMUM	3.829D+03	-1.076D+03	-3.795D+03	-3.723D+04	1.239D+05	-3.467D+04

Y	24	19	19	19	19	15
Y MAXIMUM	9.768D+02	4.167D+02	-2.266D+02	8.548D+03	-1.323D+04	8.309D+03
Z	11	11	1	1	1	11
Z MAXIMUM	-1.690D+03	4.299D+02	-1.648D+03	-1.616D+04	5.380D+04	1.531D+04
GRAND TOTAL	1.898D+04	4.876D+03	1.250D+04	1.458D+05	2.771D+05	1.505D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (150)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	1	10	10	10	1	1	5	10
X MAXIMUM	3.621D+03	1.071D+03	3.738D+03	-3.722D+04	-1.239D+05	3.466D+04	3.621D+03	1.071D+03	3.738D+03	-3.722D+04	1.103D+05	1.493D+04
Y	24	19	19	19	19	15	24	19	19	19	19	19
Y MAXIMUM	9.257D+02	-4.107D+02	1.896D+02	8.550D+03	1.323D+04	-8.310D+03	9.257D+02	-4.107D+02	1.896D+02	8.550D+03	1.672D+04	9.739D+03
Z	11	11	1	1	1	11	11	11	1	1	5	11
Z MAXIMUM	-1.602D+03	-4.257D+02	1.623D+03	-1.616D+04	-5.380D+04	-1.530D+04	-1.602D+03	-4.257D+02	1.623D+03	-1.616D+04	3.687D+04	-7.455D+03
GRAND TOTAL	1.799D+04	4.850D+03	1.184D+04	1.458D+05	2.771D+05	1.505D+05	1.799D+04	4.850D+03	1.184D+04	1.458D+05	4.059D+05	8.378D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (151)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	10	5	1	5	10	1	10	5	1	1	8
X MAXIMUM	7.857D+02	1.151D+03	-1.926D+03	-7.248D+04	1.137D+05	5.390D+04	7.857D+02	1.151D+03	-1.926D+03	-7.248D+04	7.365D+04	-2.673D+04
Y	21	24	19	24	19	40	21	24	19	24	25	19
Y MAXIMUM	-2.908D+02	3.924D+02	-2.700D+02	7.492D+03	1.588D+04	1.316D+04	-2.908D+02	3.924D+02	-2.700D+02	7.492D+03	-8.524D+03	2.247D+04
Z	1	11	1	1	5	11	1	11	1	1	1	1
Z MAXIMUM	3.411D+02	-4.678D+02	8.259D+02	-3.147D+04	3.801D+04	-2.478D+04	3.411D+02	-4.678D+02	8.259D+02	-3.147D+04	3.197D+04	1.111D+04
GRAND TOTAL	3.924D+03	5.889D+03	8.263D+03	2.736D+05	4.263D+05	2.751D+05	3.924D+03	5.889D+03	8.263D+03	2.736D+05	1.966D+05	1.058D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (152)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	1	5	1	1	8	1	1	5	1	1	8
X MAXIMUM	7.864D+02	9.963D+02	-1.965D+03	-7.248D+04	7.365D+04	-2.673D+04	7.864D+02	9.963D+02	-1.965D+03	-7.248D+04	8.703D+04	-2.677D+04
Y	21	19	25	24	25	19	21	19	25	24	25	19
Y MAXIMUM	-2.839D+02	3.919D+02	-1.832D+02	7.491D+03	-8.524D+03	2.247D+04	-2.839D+02	3.919D+02	-1.832D+02	7.491D+03	-9.967D+03	1.938D+04
Z	1	1	1	1	1	1	1	1	1	1	1	1
Z MAXIMUM	3.414D+02	4.326D+02	7.369D+02	-3.147D+04	3.197D+04	1.111D+04	3.414D+02	4.326D+02	7.369D+02	-3.147D+04	3.778D+04	7.702D+03
GRAND TOTAL	3.239D+03	1.985D+03	8.073D+03	2.736D+05	1.966D+05	1.058D+05	3.239D+03	1.985D+03	8.073D+03	2.736D+05	1.660D+05	1.036D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (153)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	1	5	1	1	8	1	1	5	1	1	8	1
X MAXIMUM	7.866D+02	-1.970D+03	-9.961D+02	-7.248D+04	-2.676D+04	-8.703D+04	1.536D+03	-1.443D+03	-9.961D+02	-5.273D+04	-5.688D+04	-9.827D+04
Y	21	25	19	24	19	25	21	19	19	19	19	25
Y MAXIMUM	-2.802D+02	-1.383D+02	-3.883D+02	7.492D+03	1.938D+04	9.967D+03	-2.876D+02	-2.266D+02	-3.883D+02	8.401D+03	1.378D+04	1.061D+04
Z	1	1	1	1	1	1	1	5	1	1	1	1
Z MAXIMUM	3.415D+02	6.865D+02	-4.325D+02	-3.147D+04	7.700D+03	-3.778D+04	6.670D+02	-4.823D+02	-4.325D+02	-2.289D+04	2.035D+04	-4.266D+04
GRAND TOTAL	2.891D+03	7.915D+03	1.980D+03	2.736D+05	1.036D+05	1.660D+05	6.023D+03	5.818D+03	1.980D+03	2.036D+05	1.998D+05	1.433D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (153)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	5	8	1	1	8	1
X MAXIMUM	-1.954D+03	6.677D+02	-9.961D+02	-2.005D+04	-6.755D+04	-1.016D+05
Y	25	19	19	19	24	25
Y MAXIMUM	-2.044D+02	-2.661D+02	-3.883D+02	1.368D+04	-5.778D+03	9.984D+03
Z	1	11	1	1	1	1
Z MAXIMUM	7.645D+02	2.699D+02	-4.325D+02	-8.706D+03	2.605D+04	-4.413D+04
GRAND TOTAL	7.941D+03	3.126D+03	1.980D+03	9.294D+04	2.664D+05	1.452D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (154)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	5	1	12	1	1	8	5	1	12	1	1	8
X MAXIMUM	-1.838D+03	9.975D+02	-5.081D+02	-2.005D+04	1.016D+05	-6.755D+04	-1.838D+03	9.975D+02	-5.081D+02	-2.005D+04	7.713D+04	-6.527D+04
Y	21	19	25	19	25	24	21	19	25	19	19	19
Y MAXIMUM	-2.522D+02	3.446D+02	1.659D+02	1.368D+04	-9.984D+03	-5.778D+03	-2.522D+02	3.446D+02	1.659D+02	1.368D+04	-1.074D+04	-2.236D+04
Z	5	1	5	1	1	1	5	1	5	1	1	5
Z MAXIMUM	-6.142D+02	4.331D+02	-1.592D+02	-8.706D+03	4.413D+04	2.605D+04	-6.142D+02	4.331D+02	-1.592D+02	-8.706D+03	3.349D+04	2.131D+04
GRAND TOTAL	7.657D+03	1.903D+03	2.772D+03	9.294D+04	1.452D+05	2.664D+05	7.657D+03	1.903D+03	2.772D+03	9.294D+04	1.724D+05	2.875D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (155)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	5	1	1	1	1	8	1	8	1	1	1	8
X MAXIMUM	-1.713D+03	9.937D+02	-5.954D+02	-2.005D+04	7.713D+04	-6.527D+04	1.344D+03	-1.304D+03	-5.954D+02	3.775D+04	6.240D+04	-5.580D+04
Y	19	19	19	19	19	19	19	21	19	19	19	19
Y MAXIMUM	5.180D+02	3.081D+02	3.502D+02	1.368D+04	-1.074D+04	-2.236D+04	5.841D+02	1.572D+02	3.502D+02	3.616D+03	-1.355D+04	-2.335D+04
Z	5	1	1	1	1	5	1	5	1	1	1	5
Z MAXIMUM	-5.725D+02	4.314D+02	-2.585D+02	-8.706D+03	3.349D+04	2.131D+04	5.833D+02	4.153D+02	-2.585D+02	1.639D+04	2.709D+04	1.864D+04
GRAND TOTAL	7.846D+03	1.772D+03	2.474D+03	9.294D+04	1.724D+05	2.875D+05	5.995D+03	5.337D+03	2.474D+03	1.401D+05	1.322D+05	2.581D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (155)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	5	1	1	1	8
X MAXIMUM	9.937D+02	1.713D+03	-5.954D+02	6.820D+04	1.112D+04	-3.761D+04
Y	19	19	19	19	19	19
Y MAXIMUM	3.081D+02	-5.180D+02	3.502D+02	-5.485D+03	-8.423D+03	-1.921D+04
Z	1	5	1	1	1	5
Z MAXIMUM	4.314D+02	5.725D+02	-2.585D+02	2.961D+04	4.828D+03	1.250D+04
GRAND TOTAL	1.772D+03	7.846D+03	2.474D+03	1.641D+05	6.739D+04	1.812D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (156)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	8	5	1	8	1	1	8	5	1	12	8
X MAXIMUM	9.923D+02	-8.240D+02	-1.592D+03	6.820D+04	-3.761D+04	-1.112D+04	9.923D+02	-8.240D+02	-1.592D+03	6.820D+04	1.085D+04	2.961D+04
Y	19	19	19	19	19	19	19	19	19	19	21	19
Y MAXIMUM	3.283D+02	5.465D+02	6.037D+02	-5.485D+03	-1.921D+04	8.423D+03	3.283D+02	5.465D+02	6.037D+02	-5.485D+03	-5.246D+03	-7.972D+03
Z	1	11	5	1	5	1	1	11	5	1	5	11
Z MAXIMUM	4.308D+02	-3.408D+02	-5.321D+02	2.961D+04	1.250D+04	-4.828D+03	4.308D+02	-3.408D+02	-5.321D+02	2.961D+04	-3.458D+03	8.312D+03
GRAND TOTAL	1.867D+03	4.178D+03	7.853D+03	1.641D+05	1.812D+05	6.739D+04	1.867D+03	4.178D+03	7.853D+03	1.641D+05	6.610D+04	1.177D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (157)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	1	8	5	1	12	8	1	8	5	1	1	8
X MAXIMUM	9.908D+02	1.618D+03	8.648D+02	6.820D+04	-6.108D+03	-3.071D+04	1.385D+03	1.401D+03	8.648D+02	5.011D+04	-4.585D+04	-4.947D+04
Y	19	25	19	19	21	19	24	19	19	21	19	19
Y MAXIMUM	3.483D+02	2.670D+02	-7.028D+02	-5.485D+03	6.624D+03	7.453D+03	-2.314D+02	-3.961D+02	-7.028D+02	9.778D+03	-5.722D+03	1.123D+04
Z	1	11	5	1	11	8	1	11	5	1	1	11
Z MAXIMUM	4.302D+02	5.892D+02	2.891D+02	2.961D+04	2.282D+03	-8.379D+03	6.013D+02	4.279D+02	2.891D+02	2.175D+04	-1.991D+04	-1.460D+04
GRAND TOTAL	2.029D+03	7.219D+03	4.220D+03	1.641D+05	3.829D+04	1.315D+05	4.979D+03	5.591D+03	4.220D+03	1.258D+05	1.466D+05	2.096D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (157)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	1	5	13	1	8
X MAXIMUM	1.618D+03	-9.908D+02	8.648D+02	1.312D+04	-6.702D+04	-6.043D+04

Y	25	19	19	19	19	19
Y MAXIMUM	2.670D+02	-3.483D+02	-7.028D+02	-1.358D+04	-5.057D+03	1.586D+04
Z	11	1	5	13	1	11
Z MAXIMUM	5.892D+02	-4.302D+02	2.891D+02	4.116D+03	-2.909D+04	-1.736D+04
GRAND TOTAL	7.219D+03	2.029D+03	4.220D+03	8.048D+04	2.088D+05	2.484D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (158)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	1	5	13	1	8	8	1	5	13	1	8
X MAXIMUM	1.631D+03	9.908D+02	-6.672D+02	1.312D+04	6.702D+04	6.043D+04	1.631D+03	9.908D+02	-6.672D+02	1.312D+04	6.638D+04	6.153D+04
Y	25	19	19	19	19	19	25	19	19	19	19	19
Y MAXIMUM	2.778D+02	3.485D+02	5.955D+02	-1.358D+04	5.057D+03	-1.586D+04	2.778D+02	3.485D+02	5.955D+02	-1.358D+04	6.843D+03	-1.690D+04
Z	11	1	5	13	1	11	11	1	5	13	1	11
Z MAXIMUM	5.994D+02	4.302D+02	-2.230D+02	4.116D+03	2.909D+04	1.736D+04	5.994D+02	4.302D+02	-2.230D+02	4.116D+03	2.882D+04	1.741D+04
GRAND TOTAL	7.213D+03	2.040D+03	3.427D+03	8.048D+04	2.088D+05	2.484D+05	7.213D+03	2.040D+03	3.427D+03	8.048D+04	2.169D+05	2.506D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (159)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	12	1	13	1	8	8	12	1	13	1	12
X MAXIMUM	1.712D+03	3.817D+02	-1.040D+03	1.312D+04	6.638D+04	6.153D+04	1.712D+03	3.817D+02	-1.040D+03	1.312D+04	-1.036D+05	-4.999D+04
Y	25	19	19	19	19	19	25	19	19	19	38	19
Y MAXIMUM	3.456D+02	-1.521D+02	-6.975D+01	-1.358D+04	6.843D+03	-1.690D+04	3.456D+02	-1.521D+02	-6.975D+01	-1.358D+04	5.158D+03	7.958D+03
Z	11	13	1	13	1	11	11	13	1	13	1	13
Z MAXIMUM	6.630D+02	-9.724D+01	-4.514D+02	4.116D+03	2.882D+04	1.741D+04	6.630D+02	-9.724D+01	-4.514D+02	4.116D+03	-4.497D+04	1.025D+04
GRAND TOTAL	7.801D+03	1.821D+03	2.440D+03	8.047D+04	2.169D+05	2.506D+05	7.801D+03	1.821D+03	2.440D+03	8.047D+04	2.108D+05	1.633D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (160)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	1	8	13	12	1	8	1	8	5	12	1
X MAXIMUM	1.789D+03	1.109D+03	5.281D+02	1.312D+04	4.999D+04	-1.036D+05	1.861D+03	8.334D+02	5.281D+02	1.349D+04	4.921D+04	-1.074D+05
Y	25	38	21	19	19	38	25	38	21	19	21	19
Y MAXIMUM	4.110D+02	2.144D+02	3.009D+02	-1.358D+04	-7.958D+03	5.158D+03	4.059D+02	2.550D+02	3.009D+02	-1.504D+04	-5.754D+03	-5.410D+03
Z	11	1	11	13	13	1	11	1	11	5	13	1
Z MAXIMUM	7.256D+02	4.815D+02	1.873D+02	4.116D+03	-1.025D+04	-4.497D+04	7.301D+02	3.618D+02	1.873D+02	4.509D+03	-1.094D+04	-4.664D+04
GRAND TOTAL	9.326D+03	3.145D+03	3.282D+03	8.047D+04	1.633D+05	2.108D+05	9.435D+03	2.761D+03	3.282D+03	7.797D+04	1.445D+05	2.152D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (160)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	8	12	12	1
X MAXIMUM	1.807D+03	5.078D+02	5.281D+02	1.863D+04	4.508D+04	-1.101D+05
Y	25	19	21	19	21	19
Y MAXIMUM	3.731D+02	2.977D+02	3.009D+02	-1.521D+04	-7.196D+03	-6.489D+03
Z	11	11	11	5	13	1
Z MAXIMUM	6.849D+02	-2.649D+02	1.873D+02	4.517D+03	-1.088D+04	-4.778D+04
GRAND TOTAL	8.916D+03	3.638D+03	3.282D+03	9.443D+04	1.282D+05	2.114D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (161)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	10	12	1	12	8	8	10	12	1	12
X MAXIMUM	1.828D+03	5.730D+02	-5.242D+02	1.863D+04	-1.101D+05	-4.508D+04	1.828D+03	5.730D+02	-5.242D+02	1.863D+04	-1.257D+05	-3.472D+04
Y	25	21	38	19	19	21	25	21	38	19	19	19
Y MAXIMUM	3.843D+02	3.624D+02	-3.353D+02	-1.521D+04	-6.489D+03	7.196D+03	3.843D+02	3.624D+02	-3.353D+02	-1.521D+04	-1.620D+04	-1.256D+04
Z	11	11	11	5	1	13	11	11	11	5	1	13
Z MAXIMUM	6.970D+02	2.129D+02	2.718D+02	4.517D+03	-4.778D+04	1.088D+04	6.970D+02	2.129D+02	2.718D+02	4.517D+03	-5.456D+04	1.003D+04
GRAND TOTAL	9.185D+03	3.952D+03	3.985D+03	9.443D+04	2.114D+05	1.282D+05	9.185D+03	3.952D+03	3.985D+03	9.443D+04	2.263D+05	1.408D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (162)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	10	12	1	12	8	8	10	12	1	12
X MAXIMUM	1.849D+03	5.872D+02	-5.296D+02	1.863D+04	-1.257D+05	-3.472D+04	1.849D+03	5.872D+02	-5.296D+02	1.863D+04	-1.306D+05	-3.118D+04
Y	25	19	38	19	19	19	25	19	38	19	19	19
Y MAXIMUM	3.957D+02	4.085D+02	-3.699D+02	-1.521D+04	-1.620D+04	-1.256D+04	3.957D+02	4.085D+02	-3.699D+02	-1.521D+04	-1.933D+04	-1.644D+04
Z	11	11	11	5	1	13	11	11	11	5	1	13
Z MAXIMUM	7.095D+02	2.208D+02	2.744D+02	4.517D+03	-5.456D+04	1.003D+04	7.095D+02	2.208D+02	2.744D+02	4.517D+03	-5.669D+04	9.725D+03
GRAND TOTAL	9.462D+03	4.148D+03	4.133D+03	9.443D+04	2.263D+05	1.408D+05	9.462D+03	4.148D+03	4.133D+03	9.443D+04	2.485D+05	1.670D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (163)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	1	12	1	13	12	8	1	12	1	13
X MAXIMUM	-6.689D+02	6.499D+02	1.617D+03	-4.331D+04	-1.177D+05	1.791D+04	-6.689D+02	6.499D+02	1.617D+03	-4.331D+04	-1.015D+05	2.041D+04
Y	38	19	19	19	19	19	38	19	19	19	19	19
Y MAXIMUM	5.457D+02	1.862D+03	1.802D+02	5.750D+03	-1.319D+04	-3.184D+04	5.457D+02	1.862D+03	1.802D+02	5.750D+03	-1.139D+04	-5.046D+04
Z	1	11	1	11	1	13	1	11	1	11	1	13
Z MAXIMUM	2.147D+02	2.468D+02	7.019D+02	1.016D+04	-5.110D+04	5.619D+03	2.147D+02	2.468D+02	7.019D+02	1.016D+04	-4.409D+04	6.405D+03
GRAND TOTAL	5.149D+03	6.491D+03	3.539D+03	1.777D+05	2.653D+05	1.019D+05	5.149D+03	6.491D+03	3.539D+03	1.777D+05	2.309D+05	1.585D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (164)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	8	12	12	12	12	13	8	12	12	12
X MAXIMUM	-7.926D+02	3.479D+02	-1.275D+03	-7.449D+04	3.464D+04	-3.220D+04	-7.926D+02	3.479D+02	-1.275D+03	-7.449D+04	4.314D+04	-2.907D+04
Y	38	19	25	19	25	19	38	19	25	19	21	21
Y MAXIMUM	1.499D+02	-1.411D+03	-3.547D+02	-1.069D+04	9.455D+03	-1.663D+04	1.499D+02	-1.411D+03	-3.547D+02	-1.069D+04	6.612D+03	-4.716D+03
Z	13	21	11	13	11	13	13	21	11	13	13	13
Z MAXIMUM	1.729D+02	-1.125D+02	-5.921D+02	1.762D+04	9.907D+03	7.164D+03	1.729D+02	-1.125D+02	-5.921D+02	1.762D+04	-9.599D+03	6.073D+03
GRAND TOTAL	2.157D+03	5.013D+03	8.193D+03	1.864D+05	2.079D+05	1.249D+05	2.157D+03	5.013D+03	8.193D+03	1.864D+05	1.544D+05	8.744D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (165)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	13	8	12	12	12	12	12	8	12	12	12
X MAXIMUM	-7.894D+02	-3.398D+02	1.292D+03	-7.449D+04	-4.314D+04	2.907D+04	-6.100D+02	5.902D+02	1.292D+03	-8.658D+04	-1.764D+04	2.584D+04
Y	38	19	25	19	21	21	19	19	25	13	19	19
Y MAXIMUM	1.269D+02	1.354D+03	3.637D+02	-1.069D+04	-6.612D+03	4.716D+03	5.429D+02	1.241D+03	3.637D+02	9.186D+03	4.730D+03	-6.769D+03
Z	13	21	11	13	13	13	13	13	11	13	13	13
Z MAXIMUM	1.728D+02	1.084D+02	6.033D+02	1.762D+04	9.599D+03	-6.073D+03	1.188D+02	-1.646D+02	6.033D+02	2.022D+04	3.479D+03	-5.102D+03
GRAND TOTAL	2.096D+03	4.843D+03	8.441D+03	1.864D+05	1.544D+05	8.744D+04	2.767D+03	4.738D+03	8.441D+03	2.010D+05	7.218D+04	7.288D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (165)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	8	12	12	12
X MAXIMUM	-3.377D+02	7.787D+02	1.292D+03	-8.799D+04	1.055D+04	2.094D+04
Y	19	19	25	13	19	19
Y MAXIMUM	9.764D+02	9.385D+02	3.637D+02	9.214D+03	5.740D+03	-1.457D+04
Z	21	13	11	13	13	13
Z MAXIMUM	7.316D+01	-1.976D+02	6.033D+02	2.028D+04	-3.170D+03	-3.805D+03
GRAND TOTAL	3.665D+03	4.024D+03	8.441D+03	1.976D+05	4.795D+04	7.404D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (166)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	12	8	12	12	12	50	12	8	12	12	12
X MAXIMUM	-3.395D+02	7.651D+02	1.308D+03	-8.799D+04	1.055D+04	2.094D+04	-1.876D+02	8.368D+02	1.308D+03	-7.862D+04	3.658D+04	1.520D+04

Y	19	19	25	13	19	19	19	19	25	13	21	19
Y MAXIMUM	9.109D+02	8.730D+02	3.694D+02	9.214D+03	5.740D+03	-1.457D+04	1.176D+03	4.579D+02	3.694D+02	8.094D+03	6.302D+03	-1.934D+04
Z	21	13	11	13	13	13	21	13	11	13	13	11
Z MAXIMUM	6.904D+01	-1.924D+02	6.142D+02	2.028D+04	-3.170D+03	-3.805D+03	9.240D+01	-1.968D+02	6.142D+02	1.782D+04	-9.221D+03	-2.922D+03
GRAND TOTAL	3.448D+03	3.830D+03	8.687D+03	1.976D+05	4.795D+04	7.404D+04	4.030D+03	2.878D+03	8.687D+03	1.794D+05	1.282D+05	7.706D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (166)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	8	12	12	12
X MAXIMUM	-3.212D+02	7.811D+02	1.308D+03	-6.000D+04	5.705D+04	9.409D+03
Y	19	38	25	13	21	19
Y MAXIMUM	1.261D+03	-1.008D+02	3.694D+02	6.008D+03	9.600D+03	-2.088D+04
Z	21	13	11	13	13	11
Z MAXIMUM	1.017D+02	-1.713D+02	6.142D+02	1.322D+04	-1.387D+04	-2.502D+03
GRAND TOTAL	4.545D+03	2.022D+03	8.687D+03	1.546D+05	1.991D+05	7.282D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (167)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	8	12	12	12	12	13	8	12	12	12	12
X MAXIMUM	-3.036D+02	-1.311D+03	7.610D+02	-6.000D+04	-9.409D+03	5.705D+04	-3.036D+02	-1.311D+03	7.610D+02	-6.000D+04	-4.843D+03	5.095D+04
Y	19	25	38	13	19	21	19	25	38	13	19	21
Y MAXIMUM	1.190D+03	-3.698D+02	-8.333D+01	6.008D+03	2.088D+04	9.600D+03	1.190D+03	-3.698D+02	-8.333D+01	6.008D+03	2.066D+04	1.132D+04
Z	21	11	13	13	11	13	21	11	13	13	11	13
Z MAXIMUM	9.646D+01	-6.166D+02	-1.667D+02	1.322D+04	2.502D+03	-1.387D+04	9.646D+01	-6.166D+02	-1.667D+02	1.322D+04	2.115D+03	-1.256D+04
GRAND TOTAL	4.308D+03	8.744D+03	1.944D+03	1.546D+05	7.282D+04	1.991D+05	4.308D+03	8.744D+03	1.944D+03	1.546D+05	6.637D+04	2.276D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (168)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	2.312D+02	2.051D+03	6.421D+02	-6.000D+04	-4.843D+03	5.095D+04	2.312D+02	2.051D+03	6.421D+02	-6.000D+04	4.653D+04	-1.131D+05
Y	19	13	19	13	19	21	19	13	19	13	19	13
Y MAXIMUM	8.867D+02	-2.107D+02	-8.761D+01	6.008D+03	2.066D+04	1.132D+04	8.867D+02	-2.107D+02	-8.761D+01	6.008D+03	1.365D+04	1.115D+04
Z	21	13	13	13	11	13	21	13	13	13	13	13
Z MAXIMUM	7.410D+01	-4.638D+02	-1.396D+02	1.322D+04	2.115D+03	-1.256D+04	7.410D+01	-4.638D+02	-1.396D+02	1.322D+04	-1.107D+04	2.454D+04
GRAND TOTAL	3.294D+03	4.556D+03	1.594D+03	1.546D+05	6.637D+04	2.276D+05	3.294D+03	4.556D+03	1.594D+03	1.546D+05	1.170D+05	2.830D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (169)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	12	12	12	12	12	50	12	12	12	12	12
X MAXIMUM	-9.927D+01	-8.502D+02	-5.157D+02	-6.710D+04	4.660D+04	-1.139D+05	-9.927D+01	-8.502D+02	-5.157D+02	-6.710D+04	3.835D+04	-1.003D+05
Y	19	13	19	13	19	13	19	13	19	13	19	13
Y MAXIMUM	2.239D+02	8.137D+01	-2.240D+02	6.723D+03	1.462D+04	1.125D+04	2.239D+02	8.137D+01	-2.240D+02	6.723D+03	1.103D+04	9.946D+03
Z	21	13	13	13	13	13	21	13	13	13	13	13
Z MAXIMUM	2.526D+01	1.791D+02	1.223D+02	1.480D+04	-1.113D+04	2.476D+04	2.526D+01	1.791D+02	1.223D+02	1.480D+04	-9.170D+03	2.189D+04
GRAND TOTAL	1.213D+03	2.992D+03	1.559D+03	1.700D+05	1.180D+05	2.805D+05	1.213D+03	2.992D+03	1.559D+03	1.700D+05	9.358D+04	2.372D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (170)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	5	12	12	12	12	12	5	12	12	12	12	12
X MAXIMUM	8.108D+01	-2.901D+03	-1.301D+03	-7.564D+04	3.514D+04	-9.281D+04	8.108D+01	-2.901D+03	-1.301D+03	-7.564D+04	2.993D+04	-8.121D+04
Y	19	13	19	13	19	13	19	13	19	13	19	13
Y MAXIMUM	-1.671D+02	2.881D+02	-2.793D+02	7.584D+03	1.168D+04	9.207D+03	-1.671D+02	2.881D+02	-2.793D+02	7.584D+03	1.057D+04	8.054D+03
Z	5	13	13	13	13	13	5	13	13	13	13	13
Z MAXIMUM	2.710D+01	6.342D+02	2.989D+02	1.669D+04	-8.482D+03	2.027D+04	2.710D+01	6.342D+02	2.989D+02	1.669D+04	-7.287D+03	1.773D+04
GRAND TOTAL	5.705D+02	7.256D+03	3.264D+03	1.881D+05	8.800D+04	2.177D+05	5.705D+02	7.256D+03	3.264D+03	1.881D+05	7.589D+04	1.891D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (171)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	13	12	12	12	12	13	50	13	12	12	12	12
X MAXIMUM	9.436D+01	2.794D+02	-3.852D+03	-7.564D+04	8.654D+04	-3.299D+03	-1.746D+02	-2.367D+02	-3.852D+03	-1.261D+04	6.565D+04	-2.244D+03
Y	19	19	13	13	13	19	21	19	13	19	13	19
Y MAXIMUM	-2.819D+02	3.061D+02	3.860D+02	7.584D+03	-8.696D+03	1.161D+04	1.116D+02	4.158D+02	3.860D+02	-2.440D+03	-6.599D+03	6.224D+03
Z	5	13	13	13	13	13	13	13	13	13	13	5
Z MAXIMUM	3.017D+01	-7.545D+01	8.495D+02	1.669D+04	-1.914D+04	-1.035D+03	-3.241D+01	-7.428D+01	8.495D+02	2.748D+03	-1.452D+04	-4.735D+02
GRAND TOTAL	8.251D+02	1.775D+03	9.025D+03	1.881D+05	1.964D+05	3.491D+04	9.355D+02	1.660D+03	9.025D+03	4.702D+04	1.549D+05	2.025D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (171)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	1	12
X MAXIMUM	2.794D+02	-9.436D+01	-3.852D+03	1.720D+04	-6.543D+03	-4.140D+03
Y	19	19	13	13	19	38
Y MAXIMUM	3.061D+02	2.819D+02	3.860D+02	-1.748D+03	1.981D+03	1.418D+03
Z	13	5	13	13	1	13
Z MAXIMUM	-7.545D+01	-3.017D+01	8.495D+02	-3.848D+03	-2.841D+03	8.559D+02
GRAND TOTAL	1.775D+03	8.251D+02	9.025D+03	3.882D+04	2.771D+04	1.616D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (172)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	1	12	12	13	12	12	12	13
X MAXIMUM	2.797D+02	-1.352D+02	-4.986D+03	1.720D+04	-6.543D+03	-4.141D+03	2.797D+02	-1.352D+02	-4.986D+03	1.720D+04	-1.620D+05	7.292D+03
Y	19	19	13	13	19	38	19	19	13	13	13	19
Y MAXIMUM	3.067D+02	4.619D+02	5.005D+02	-1.748D+03	1.981D+03	1.418D+03	3.067D+02	4.619D+02	5.005D+02	-1.748D+03	1.626D+04	-1.457D+04
Z	13	13	13	13	1	13	13	13	13	13	13	13
Z MAXIMUM	-7.552D+01	-4.243D+01	1.102D+03	-3.848D+03	-2.841D+03	8.560D+02	-7.552D+01	-4.243D+01	1.102D+03	-3.848D+03	3.578D+04	2.288D+03
GRAND TOTAL	1.780D+03	1.333D+03	1.155D+04	3.882D+04	2.771D+04	1.616D+04	1.780D+03	1.333D+03	1.155D+04	3.882D+04	3.704D+05	4.638D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (173)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	12	13	12	13	12	12	12	13
X MAXIMUM	2.800D+02	-1.673D+02	-5.911D+03	1.720D+04	-1.620D+05	7.292D+03	2.800D+02	-1.673D+02	-5.911D+03	1.720D+04	-5.417D+05	1.804D+04
Y	19	19	13	13	13	19	19	19	13	13	13	19
Y MAXIMUM	3.073D+02	6.099D+02	5.939D+02	-1.748D+03	1.626D+04	-1.457D+04	3.073D+02	6.099D+02	5.939D+02	-1.748D+03	5.442D+04	-5.375D+04
Z	13	13	13	13	13	13	13	13	13	13	13	13
Z MAXIMUM	-7.561D+01	-5.251D+01	1.307D+03	-3.848D+03	3.578D+04	2.288D+03	-7.561D+01	-5.251D+01	1.307D+03	-3.848D+03	1.198D+05	5.662D+03
GRAND TOTAL	1.786D+03	1.803D+03	1.364D+04	3.882D+04	3.704D+05	4.638D+04	1.786D+03	1.803D+03	1.364D+04	3.882D+04	1.243D+06	1.592D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (174)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	1	12	1	13	12	8	1	12	1	13
X MAXIMUM	-6.719D+02	6.518D+02	1.619D+03	-4.331D+04	-1.015D+05	2.041D+04	-6.719D+02	6.518D+02	1.619D+03	-4.331D+04	-7.898D+04	2.394D+04
Y	38	19	19	19	19	19	38	19	19	19	19	19
Y MAXIMUM	5.684D+02	1.883D+03	1.842D+02	5.750D+03	-1.139D+04	-5.046D+04	5.684D+02	1.883D+03	1.842D+02	5.750D+03	-8.818D+03	-7.671D+04
Z	1	11	1	11	1	13	1	11	1	11	1	13
Z MAXIMUM	2.148D+02	2.477D+02	7.028D+02	1.016D+04	-4.409D+04	6.405D+03	2.148D+02	2.477D+02	7.028D+02	1.016D+04	-3.429D+04	7.511D+03
GRAND TOTAL	5.230D+03	6.547D+03	3.539D+03	1.777D+05	2.309D+05	1.585D+05	5.230D+03	6.547D+03	3.539D+03	1.777D+05	1.822D+05	2.467D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (175)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	1	12	1	13	12	13	1	12	1	13
X MAXIMUM	-6.747D+02	5.753D+02	1.621D+03	-4.331D+04	-7.898D+04	2.394D+04	-6.747D+02	5.753D+02	1.621D+03	-4.331D+04	-6.591D+04	1.930D+04

Y	38	19	19	19	19	19	38	19	19	19	19	19
Y MAXIMUM	5.891D+02	-1.397D+03	1.866D+02	5.750D+03	-8.818D+03	-7.671D+04	5.891D+02	-1.397D+03	1.866D+02	5.750D+03	-7.314D+03	-6.544D+04
Z	1	13	1	11	1	13	1	13	1	11	1	13
Z MAXIMUM	2.150D+02	1.805D+02	7.040D+02	1.016D+04	-3.429D+04	7.511D+03	2.150D+02	1.805D+02	7.040D+02	1.016D+04	-2.861D+04	6.056D+03
GRAND TOTAL	5.304D+03	5.025D+03	3.575D+03	1.777D+05	1.822D+05	2.467D+05	5.304D+03	5.025D+03	3.575D+03	1.777D+05	1.537D+05	2.077D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (176)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	1	12	1	13	12	13	1	12	1	5
X MAXIMUM	-6.813D+02	5.673D+02	1.606D+03	-3.688D+04	-6.577D+04	1.902D+04	-6.813D+02	5.673D+02	1.606D+03	-3.688D+04	-2.423D+04	6.924D+03
Y	38	19	19	19	19	19	38	19	19	19	38	19
Y MAXIMUM	6.390D+02	-1.411D+03	1.951D+02	4.742D+03	-7.392D+03	-6.378D+04	6.390D+02	-1.411D+03	1.951D+02	4.742D+03	-4.018D+03	-2.728D+04
Z	1	13	1	11	1	13	1	13	1	11	1	5
Z MAXIMUM	2.146D+02	1.780D+02	6.971D+02	8.944D+03	-2.856D+04	5.969D+03	2.146D+02	1.780D+02	6.971D+02	8.944D+03	-1.052D+04	2.314D+03
GRAND TOTAL	5.485D+03	5.012D+03	3.715D+03	1.570D+05	1.531D+05	2.035D+05	5.485D+03	5.012D+03	3.715D+03	1.570D+05	6.336D+04	8.924D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (177)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	13	1	12	1	5	12	5	1	12	12	12
X MAXIMUM	-6.878D+02	5.709D+02	1.612D+03	-3.688D+04	-2.423D+04	6.924D+03	-7.929D+02	3.261D+02	1.612D+03	-3.333D+04	1.912D+04	4.606D+03
Y	38	19	19	19	38	19	21	19	19	47	19	19
Y MAXIMUM	6.891D+02	-1.467D+03	1.869D+02	4.742D+03	-4.018D+03	-2.728D+04	-7.857D+02	-1.350D+03	1.869D+02	3.356D+03	-2.632D+03	-6.282D+03
Z	1	13	1	11	1	5	11	5	1	11	11	1
Z MAXIMUM	2.149D+02	1.791D+02	6.998D+02	8.944D+03	-1.052D+04	2.314D+03	-2.759D+02	1.090D+02	6.998D+02	7.060D+03	-4.383D+03	-9.861D+02
GRAND TOTAL	5.663D+03	5.091D+03	3.848D+03	1.570D+05	6.336D+04	8.924D+04	6.069D+03	5.031D+03	3.848D+03	1.241D+05	7.873D+04	3.273D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (177)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	1	12	12	47
X MAXIMUM	5.709D+02	6.878D+02	1.612D+03	-9.843D+03	3.759D+04	5.218D+03
Y	19	38	19	47	13	19
Y MAXIMUM	-1.467D+03	-6.891D+02	1.869D+02	2.057D+03	-3.753D+03	7.076D+03
Z	13	1	1	11	13	1
Z MAXIMUM	1.791D+02	-2.149D+02	6.998D+02	2.746D+03	-8.260D+03	1.395D+03
GRAND TOTAL	5.091D+03	5.663D+03	3.848D+03	4.947D+04	1.124D+05	4.381D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (178)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	1	12	12	47	12	13	1	12	12	47	12
X MAXIMUM	5.725D+02	-1.612D+03	6.885D+02	-9.843D+03	-5.218D+03	3.759D+04	5.725D+02	-1.612D+03	6.885D+02	-9.843D+03	-6.019D+03	3.772D+04
Y	19	19	38	47	19	13	19	19	38	47	19	13
Y MAXIMUM	-1.494D+03	-1.855D+02	-6.932D+02	2.057D+03	-7.076D+03	-3.753D+03	-1.494D+03	-1.855D+02	-6.932D+02	2.057D+03	-8.406D+03	-3.881D+03
Z	13	1	1	11	1	13	13	1	1	11	1	1
Z MAXIMUM	1.796D+02	-6.999D+02	-2.149D+02	2.746D+03	-1.395D+03	-8.260D+03	1.796D+02	-6.999D+02	-2.149D+02	2.746D+03	-2.040D+03	9.559D+03
GRAND TOTAL	5.125D+03	3.855D+03	5.676D+03	4.947D+04	4.381D+04	1.124D+05	5.125D+03	3.855D+03	5.676D+03	4.947D+04	5.924D+04	1.069D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (179)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	47	12	47	12	13	12	47	12	47	47
X MAXIMUM	5.855D+02	1.587D+02	6.213D+01	-9.843D+03	-6.019D+03	3.772D+04	5.855D+02	1.587D+02	6.213D+01	-9.843D+03	9.669D+03	8.887D+03
Y	19	19	47	47	19	13	19	19	47	47	38	19
Y MAXIMUM	-1.715D+03	5.713D+01	3.942D+01	2.057D+03	-8.406D+03	-3.881D+03	-1.715D+03	5.713D+01	3.942D+01	2.057D+03	-6.543D+03	-1.525D+04
Z	11	13	11	11	1	1	11	13	11	11	38	11
Z MAXIMUM	-1.933D+02	-3.846D+01	-1.292D+01	2.746D+03	-2.040D+03	9.559D+03	-1.933D+02	-3.846D+01	-1.292D+01	2.746D+03	-1.259D+03	-1.362D+03
GRAND TOTAL	5.676D+03	5.585D+02	3.082D+02	4.947D+04	5.924D+04	1.069D+05	5.676D+03	5.585D+02	3.082D+02	4.947D+04	4.468D+04	7.072D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (180)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	47	47	12	47	47	13	47	47	12	47	47
X MAXIMUM	5.887D+02	3.472D+02	-6.372D+02	-1.004D+04	7.486D+03	7.199D+03	5.887D+02	3.472D+02	-6.372D+02	-1.004D+04	4.618D+03	5.636D+03
Y	19	38	38	47	47	19	19	38	38	47	47	19
Y MAXIMUM	-1.976D+03	2.540D+02	5.365D+02	1.397D+03	4.749D+03	-1.412D+04	-1.976D+03	2.540D+02	5.365D+02	1.397D+03	2.930D+03	-1.315D+04
Z	11	13	38	11	11	13	11	13	38	11	11	13
Z MAXIMUM	-2.131D+02	-5.125D+01	1.033D+02	2.775D+03	-1.243D+03	1.372D+03	-2.131D+02	-5.125D+01	1.033D+02	2.775D+03	-1.223D+03	1.603D+03
GRAND TOTAL	6.972D+03	2.180D+03	2.499D+03	4.781D+04	3.765D+04	6.303D+04	6.972D+03	2.180D+03	2.499D+03	4.781D+04	2.890D+04	5.617D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (181)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	13	47	47	12	47	47	13	47	47	12	12	12
X MAXIMUM	5.894D+02	-3.759D+02	6.925D+02	-1.004D+04	-4.618D+03	-5.636D+03	5.334D+02	-5.767D+02	6.925D+02	-8.799D+03	6.376D+03	5.593D+03
Y	19	38	38	47	47	19	19	19	38	38	38	38
Y MAXIMUM	-2.000D+03	-2.737D+02	-5.767D+02	1.397D+03	-2.930D+03	1.315D+04	-1.247D+03	1.581D+03	-5.767D+02	-2.173D+03	-4.964D+03	1.351D+03
Z	11	38	38	11	11	13	13	11	38	11	1	13
Z MAXIMUM	-2.148D+02	-5.268D+01	-1.110D+02	2.775D+03	1.223D+03	-1.603D+03	1.674D+02	1.838D+02	-1.110D+02	2.796D+03	-1.308D+03	-1.287D+03
GRAND TOTAL	7.115D+03	2.328D+03	2.697D+03	4.781D+04	2.890D+04	5.617D+04	4.303D+03	6.214D+03	2.697D+03	4.649D+04	3.657D+04	2.021D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (181)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	47	13	47	47	12	47
X MAXIMUM	-3.759D+02	-5.894D+02	6.925D+02	7.846D+03	1.239D+04	9.045D+03
Y	38	19	38	38	38	19
Y MAXIMUM	-2.737D+02	2.000D+03	-5.767D+02	-8.087D+03	-9.313D+03	-2.709D+04
Z	38	11	38	38	11	11
Z MAXIMUM	-5.268D+01	2.148D+02	-1.110D+02	-1.556D+03	-2.881D+03	-3.704D+03
GRAND TOTAL	2.328D+03	7.115D+03	2.697D+03	4.148D+04	7.773D+04	1.047D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (182)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	47	13	47	47	12	47	47	13	47	47	47	8
X MAXIMUM	-3.761D+02	5.900D+02	-6.980D+02	7.846D+03	-1.239D+04	-9.045D+03	-3.761D+02	5.900D+02	-6.980D+02	7.846D+03	-1.934D+04	1.494D+04
Y	38	19	38	38	38	19	38	19	38	38	38	19
Y MAXIMUM	-2.739D+02	-2.004D+03	5.801D+02	-8.087D+03	9.313D+03	2.709D+04	-2.739D+02	-2.004D+03	5.801D+02	-8.087D+03	1.685D+04	5.314D+04
Z	38	11	38	38	11	11	38	11	38	38	38	11
Z MAXIMUM	-5.271D+01	-2.151D+02	1.116D+02	-1.556D+03	2.881D+03	3.704D+03	-5.271D+01	-2.151D+02	1.116D+02	-1.556D+03	3.244D+03	6.501D+03
GRAND TOTAL	2.329D+03	7.138D+03	2.715D+03	4.148D+04	7.773D+04	1.047D+05	2.329D+03	7.138D+03	2.715D+03	4.148D+04	1.098D+05	1.949D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (183)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	47	12	8	12	12	12	47	12	8	12
X MAXIMUM	1.057D+01	-6.066D+01	-6.956D+00	5.665D+02	4.233D+02	-6.432D+03	1.057D+01	-6.066D+01	-6.956D+00	5.665D+02	3.991D+02	-6.045D+03
Y	38	50	19	19	19	19	38	50	19	19	19	19
Y MAXIMUM	-5.824D+00	-1.153D+01	-1.814D+01	-7.753D+01	1.663D+03	1.008D+03	-5.824D+00	-1.153D+01	-1.814D+01	-7.753D+01	1.547D+03	9.660D+02
Z	13	11	38	13	11	13	13	11	38	13	11	13
Z MAXIMUM	-2.894D+00	1.301D+01	-3.290D+00	-1.181D+02	1.673D+02	1.315D+03	-2.894D+00	1.301D+01	-3.290D+00	-1.181D+02	1.598D+02	1.240D+03
GRAND TOTAL	5.966D+01	2.522D+02	9.252D+01	2.017D+03	4.760D+03	2.122D+04	5.966D+01	2.522D+02	9.252D+01	2.017D+03	4.530D+03	2.006D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (184)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	47	12	8	12	12	12	47	12	8	12
X MAXIMUM	1.056D+01	-6.058D+01	-6.258D+00	5.665D+02	3.991D+02	-6.045D+03	1.056D+01	-6.058D+01	-6.258D+00	5.665D+02	3.837D+02	-5.803D+03

Y	38	50	19	19	19	19	38	50	19	19	19	19
Y MAXIMUM	-5.806D+00	-1.051D+01	-1.793D+01	-7.753D+01	1.547D+03	9.660D+02	-5.806D+00	-1.051D+01	-1.793D+01	-7.753D+01	1.475D+03	9.392D+02
Z	13	11	38	13	11	13	13	11	38	13	11	13
Z MAXIMUM	-2.912D+00	1.284D+01	-2.980D+00	-1.181D+02	1.598D+02	1.240D+03	-2.912D+00	1.284D+01	-2.980D+00	-1.181D+02	1.549D+02	1.193D+03
GRAND TOTAL	5.850D+01	2.459D+02	8.774D+01	2.017D+03	4.530D+03	2.006D+04	5.850D+01	2.459D+02	8.774D+01	2.017D+03	4.418D+03	1.933D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (185)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	8	12	8	12	12	12	8	12	8	12
X MAXIMUM	1.036D+01	-6.549D+01	-4.887D+00	5.665D+02	3.837D+02	-5.803D+03	1.036D+01	-6.549D+01	-4.887D+00	5.665D+02	-1.422D+02	1.246D+03
Y	19	19	19	19	19	19	19	19	19	19	19	19
Y MAXIMUM	5.707D+00	9.976D+00	-1.800D+01	-7.753D+01	1.475D+03	9.392D+02	5.707D+00	9.976D+00	-1.800D+01	-7.753D+01	-4.618D+02	-1.345D+02
Z	13	13	11	13	11	13	13	13	11	13	11	1
Z MAXIMUM	-3.105D+00	1.358D+01	-2.000D+00	-1.181D+02	1.549D+02	1.193D+03	-3.105D+00	1.358D+01	-2.000D+00	-1.181D+02	-6.035D+01	2.874D+02
GRAND TOTAL	5.626D+01	2.132D+02	5.437D+01	2.017D+03	4.418D+03	1.933D+04	5.626D+01	2.132D+02	5.437D+01	2.017D+03	1.443D+03	3.718D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (186)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	50	13	12	8	12	13	50	13	12	8	12
X MAXIMUM	-1.048D+01	2.033D+01	5.105D+00	5.665D+02	-1.422D+02	1.246D+03	-1.048D+01	2.033D+01	5.105D+00	5.665D+02	-1.419D+02	1.231D+03
Y	19	50	19	19	19	19	19	50	19	19	19	19
Y MAXIMUM	1.191D+01	1.050D+01	-9.042D+00	-7.753D+01	-4.618D+02	-1.345D+02	1.191D+01	1.050D+01	-9.042D+00	-7.753D+01	-4.709D+02	-1.316D+02
Z	13	1	13	13	11	1	13	1	13	13	11	1
Z MAXIMUM	-3.287D+00	4.805D+00	1.602D+00	-1.181D+02	-6.035D+01	2.874D+02	-3.287D+00	4.805D+00	1.602D+00	-1.181D+02	-5.986D+01	2.826D+02
GRAND TOTAL	6.225D+01	9.187D+01	4.288D+01	2.017D+03	1.443D+03	3.718D+03	6.225D+01	9.187D+01	4.288D+01	2.017D+03	1.476D+03	3.658D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (187)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	12	12	13	12	13	12	12	12	13	12
X MAXIMUM	-1.177D+01	2.157D+01	-4.792D+00	5.285D+02	1.365D+02	1.011D+03	-1.177D+01	2.157D+01	-4.792D+00	5.285D+02	1.413D+02	9.892D+02
Y	19	19	19	21	19	13	19	19	19	21	19	13
Y MAXIMUM	2.719D+01	-6.650D+00	-6.971D+00	-5.641D+01	-4.745D+02	-1.009D+02	2.719D+01	-6.650D+00	-6.971D+00	-5.641D+01	-4.815D+02	-9.892D+01
Z	13	1	13	13	11	1	13	1	13	13	11	1
Z MAXIMUM	-3.692D+00	5.105D+00	1.489D+00	-1.098D+02	-4.961D+01	2.232D+02	-3.692D+00	5.105D+00	1.489D+00	-1.098D+02	-4.892D+01	2.181D+02
GRAND TOTAL	8.909D+01	7.470D+01	3.239D+01	1.802D+03	1.596D+03	3.111D+03	8.909D+01	7.470D+01	3.239D+01	1.802D+03	1.619D+03	3.041D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (188)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	13	12	12	12	12	12	13	12	12	1	12	12
X MAXIMUM	-1.182D+01	-2.926D+00	2.250D+01	5.285D+02	-9.045D+02	-4.088D+02	-8.126D+00	-8.634D+00	2.250D+01	-2.282D+02	-9.179D+02	-3.800D+02
Y	19	19	19	21	19	19	19	19	19	19	19	19
Y MAXIMUM	2.778D+01	8.739D+00	-4.193D+00	-5.641D+01	2.251D+02	-4.310D+02	2.583D+01	-1.347D+01	-4.193D+00	1.131D+02	1.801D+02	-4.193D+02
Z	13	1	1	13	1	13	13	13	1	1	13	13
Z MAXIMUM	-3.709D+00	-9.941D-01	5.083D+00	-1.098D+02	-2.090D+02	1.146D+02	-2.550D+00	2.696D+00	5.083D+00	-9.908D+01	1.922D+02	1.077D+02
GRAND TOTAL	9.064D+01	2.970D+01	7.483D+01	1.802D+03	3.046D+03	1.917D+03	8.162D+01	4.756D+01	7.483D+01	9.806D+02	3.004D+03	1.855D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (188)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	12	12
X MAXIMUM	-2.926D+00	1.182D+01	2.250D+01	-7.695D+02	-3.935D+02	-3.355D+02
Y	19	19	19	19	13	19
Y MAXIMUM	8.739D+00	-2.778D+01	-4.193D+00	1.999D+02	3.702D+01	-3.168D+02
Z	1	13	1	1	11	13
Z MAXIMUM	-9.941D-01	3.709D+00	5.083D+00	-1.785D+02	8.177D+01	9.176D+01
GRAND TOTAL	2.970D+01	9.064D+01	7.483D+01	2.600D+03	1.418D+03	1.525D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (189)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	12	12	12	13	12	12	50	12
X MAXIMUM	-3.684D+00	1.202D+01	2.447D+01	-7.693D+02	-3.935D+02	-3.360D+02	-3.684D+00	1.202D+01	2.447D+01	-7.693D+02	-1.549D+02	-1.694D+02
Y	19	19	19	19	13	19	19	19	19	19	50	19
Y MAXIMUM	8.693D+00	-2.914D+01	-4.991D+00	2.001D+02	3.702D+01	-3.166D+02	8.693D+00	-2.914D+01	-4.991D+00	2.001D+02	-7.995D+01	2.035D+02
Z	1	13	13	1	11	13	1	13	13	1	1	11
Z MAXIMUM	-1.011D+00	3.770D+00	-5.136D+00	-1.785D+02	8.177D+01	9.186D+01	-1.011D+00	3.770D+00	-5.136D+00	-1.785D+02	6.589D+01	3.007D+01
GRAND TOTAL	2.828D+01	9.470D+01	8.409D+01	2.600D+03	1.418D+03	1.526D+03	2.828D+01	9.470D+01	8.409D+01	2.600D+03	5.488D+02	8.802D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (190)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	13	12	12	50	12	13	12	12	12	12	12
X MAXIMUM	-4.412D+00	-1.210D+01	-2.618D+01	-7.694D+02	1.549D+02	1.689D+02	-7.581D+00	9.762D+00	-2.618D+01	-6.206D+02	4.024D+02	1.213D+02
Y	19	19	19	19	50	19	19	19	19	19	19	19
Y MAXIMUM	8.640D+00	2.947D+01	5.454D+00	2.003D+02	7.995D+01	-2.034D+02	2.695D+01	1.473D+01	5.454D+00	1.933D+02	-7.636D+01	-3.133D+02
Z	1	13	13	1	1	11	13	13	13	1	13	11
Z MAXIMUM	-1.021D+00	-3.796D+00	5.496D+00	-1.785D+02	-6.589D+01	-2.999D+01	-2.379D+00	-2.989D+00	5.496D+00	-1.819D+02	-8.401D+01	-3.372D+01
GRAND TOTAL	2.935D+01	9.595D+01	8.814D+01	2.601D+03	5.488D+02	8.789D+02	8.092D+01	5.651D+01	8.814D+01	2.231D+03	1.446D+03	9.946D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (190)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	12	1	12	12
X MAXIMUM	-1.210D+01	4.412D+00	-2.618D+01	-2.230D+02	6.123D+02	8.608D+01
Y	19	19	19	19	19	19
Y MAXIMUM	2.947D+01	-8.640D+00	5.454D+00	9.227D+01	-1.675D+02	-3.284D+02
Z	13	1	13	1	1	11
Z MAXIMUM	-3.796D+00	1.021D+00	5.496D+00	-9.684D+01	1.475D+02	-3.209D+01
GRAND TOTAL	9.595D+01	2.935D+01	8.814D+01	9.340D+02	2.074D+03	9.688D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (191)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	13	1	13	12	13	12	13	1	50	12
X MAXIMUM	-1.213D+01	2.946D+01	4.399D+00	-2.230D+02	-1.403D+02	6.058D+02	-1.213D+01	2.946D+01	4.399D+00	-2.230D+02	-1.315D+02	-6.865D+02
Y	19	19	19	19	19	19	19	19	19	19	38	19
Y MAXIMUM	2.962D+01	-8.807D+00	-6.300D+00	9.227D+01	2.534D+02	-2.678D+02	2.962D+01	-8.807D+00	-6.300D+00	9.227D+01	-7.198D+01	1.186D+02
Z	13	13	13	1	13	1	13	13	13	1	11	13
Z MAXIMUM	-3.807D+00	-6.015D+00	1.380D+00	-9.684D+01	-4.402D+01	1.444D+02	-3.807D+00	-6.015D+00	1.380D+00	-9.684D+01	3.147D+01	1.427D+02
GRAND TOTAL	9.654D+01	1.019D+02	3.425D+01	9.340D+02	9.678D+02	2.182D+03	9.654D+01	1.019D+02	3.425D+01	9.340D+02	7.406D+02	2.433D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (192)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	13	1	50	12	13	12	13	1	50	12
X MAXIMUM	-1.216D+01	2.964D+01	4.385D+00	-2.230D+02	-1.315D+02	-6.865D+02	-1.216D+01	2.964D+01	4.385D+00	-2.230D+02	-1.467D+02	-8.088D+02
Y	19	19	19	19	38	19	19	19	19	19	38	19
Y MAXIMUM	2.974D+01	-8.882D+00	-6.356D+00	9.227D+01	-7.198D+01	1.186D+02	2.974D+01	-8.882D+00	-6.356D+00	9.227D+01	-8.302D+01	1.553D+02
Z	13	13	13	1	11	13	13	13	13	1	11	13
Z MAXIMUM	-3.817D+00	-6.054D+00	1.376D+00	-9.684D+01	3.147D+01	1.427D+02	-3.817D+00	-6.054D+00	1.376D+00	-9.684D+01	3.491D+01	1.676D+02
GRAND TOTAL	9.700D+01	1.028D+02	3.467D+01	9.340D+02	7.406D+02	2.433D+03	9.700D+01	1.028D+02	3.467D+01	9.340D+02	8.598D+02	2.852D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (193)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	12	50	12	50	13	50	12	50	12	50	12
X MAXIMUM	3.779D+00	-3.020D+01	1.182D+01	4.260D+02	-8.863D+01	7.475D+01	3.779D+00	-3.020D+01	1.182D+01	4.260D+02	-3.987D+01	5.103D+01

Y	19	19	50	13	50	19	19	19	50	13	50	19
Y MAXIMUM	4.254D+00	-1.223D+01	6.104D+00	-4.205D+01	-4.576D+01	-1.208D+02	4.254D+00	-1.223D+01	6.104D+00	-4.205D+01	-2.059D+01	-7.037D+01
Z	1	13	1	13	1	13	1	13	1	13	1	1
Z MAXIMUM	-7.358D-01	7.340D+00	-3.411D+00	-9.255D+01	2.930D+01	2.345D+01	-7.358D-01	7.340D+00	-3.411D+00	-9.255D+01	1.523D+01	1.026D+01
GRAND TOTAL	1.744D+01	1.174D+02	3.643D+01	1.420D+03	2.484D+02	5.989D+02	1.744D+01	1.174D+02	3.643D+01	1.420D+03	1.171D+02	3.210D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (194)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	50	12	12	12	12	12	12
X MAXIMUM	-4.464D+00	2.075D+01	-2.730D+01	-3.828D+02	2.081D+02	7.422D+01	-4.464D+00	2.075D+01	-2.730D+01	-3.828D+02	9.544D+01	-7.315D+01
Y	19	19	19	19	19	19	19	19	19	19	19	38
Y MAXIMUM	-2.110D+00	-1.754D+01	1.020D+01	1.458D+02	-9.069D+01	-7.157D+01	-2.110D+00	-1.754D+01	1.020D+01	1.458D+02	-4.863D+01	2.770D+01
Z	1	11	1	11	1	11	1	11	1	11	1	13
Z MAXIMUM	-1.488D+00	-5.946D+00	-8.658D+00	7.690D+01	6.753D+01	-2.152D+01	-1.488D+00	-5.946D+00	-8.658D+00	7.690D+01	3.182D+01	1.576D+01
GRAND TOTAL	1.946D+01	1.161D+02	1.024D+02	1.450D+03	8.000D+02	4.842D+02	1.946D+01	1.161D+02	1.024D+02	1.450D+03	3.799D+02	2.646D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (195)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	50	50	12	12	12	50	50	50	12	12	12	1
X MAXIMUM	3.785D+00	1.183D+01	3.020D+01	4.260D+02	5.103D+01	3.987D+01	8.023D+00	9.476D+00	3.020D+01	4.269D+02	-4.654D+01	-1.782D+01
Y	19	50	19	13	19	50	19	50	19	13	19	50
Y MAXIMUM	4.259D+00	6.105D+00	1.225D+01	-4.205D+01	-7.037D+01	2.059D+01	4.436D+00	4.893D+00	1.225D+01	-4.156D+01	-3.327D+01	7.459D+00
Z	1	1	13	13	1	1	1	1	13	13	13	1
Z MAXIMUM	-7.359D-01	-3.411D+00	-7.340D+00	-9.255D+01	1.026D+01	-1.523D+01	-1.985D+00	-2.870D+00	-7.340D+00	-9.147D+01	1.226D+01	-7.736D+00
GRAND TOTAL	1.747D+01	3.644D+01	1.175D+02	1.420D+03	3.210D+02	1.171D+02	2.758D+01	2.936D+01	1.175D+02	1.395D+03	2.945D+02	6.521D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (195)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	50	12	12	12	12
X MAXIMUM	1.104D+01	5.685D+00	3.020D+01	3.904D+02	-1.370D+02	-1.207D+01
Y	50	50	19	13	50	38
Y MAXIMUM	5.699D+00	2.935D+00	1.225D+01	-3.778D+01	-2.121D+01	-2.489D+00
Z	1	1	13	13	13	13
Z MAXIMUM	-2.932D+00	-1.892D+00	-7.340D+00	-8.317D+01	2.948D+01	2.811D+00
GRAND TOTAL	3.538D+01	2.045D+01	1.175D+02	1.250D+03	5.107D+02	4.684D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (196)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	50	50	12	12	12	12	50	1	12	12	12	12
X MAXIMUM	1.105D+01	5.680D+00	3.020D+01	3.904D+02	-1.370D+02	-1.207D+01	1.238D+01	-1.441D+00	3.020D+01	3.220D+02	-2.066D+02	-1.537D+01
Y	50	50	19	13	50	38	50	19	19	13	19	50
Y MAXIMUM	5.703D+00	2.933D+00	1.227D+01	-3.779D+01	-2.121D+01	-2.489D+00	6.391D+00	-3.440D+00	1.227D+01	-3.131D+01	4.977D+01	-6.014D+00
Z	1	1	13	13	13	13	1	1	13	13	13	11
Z MAXIMUM	-2.932D+00	-1.892D+00	-7.341D+00	-8.317D+01	2.947D+01	2.811D+00	-3.433D+00	-6.255D-01	-7.341D+00	-6.891D+01	4.220D+01	3.214D+00
GRAND TOTAL	3.540D+01	2.046D+01	1.176D+02	1.250D+03	5.107D+02	4.684D+01	3.868D+01	1.353D+01	1.176D+02	1.010D+03	7.213D+02	7.205D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (196)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	50	12	12	12	12
X MAXIMUM	1.183D+01	-3.794D+00	3.020D+01	2.322D+02	-2.448D+02	-1.674D+01
Y	50	19	19	13	19	19
Y MAXIMUM	6.106D+00	-4.265D+00	1.227D+01	-2.311D+01	8.306D+01	1.390D+01
Z	1	1	13	13	13	11
Z MAXIMUM	-3.411D+00	7.360D-01	-7.341D+00	-5.087D+01	4.850D+01	3.432D+00
GRAND TOTAL	3.644D+01	1.750D+01	1.176D+02	7.075D+02	8.352D+02	8.306D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (197)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	12	50	12	12	12	50	12	50	12	12	12
X MAXIMUM	1.183D+01	-3.021D+01	-3.798D+00	2.322D+02	1.674D+01	-2.448D+02	1.183D+01	-3.021D+01	-3.798D+00	2.322D+02	1.686D+01	-2.146D+02
Y	50	19	19	13	19	19	50	19	19	13	19	19
Y MAXIMUM	6.107D+00	-1.228D+01	-4.267D+00	-2.311D+01	-1.390D+01	8.306D+01	6.107D+00	-1.228D+01	-4.267D+00	-2.311D+01	-1.817D+01	9.534D+01
Z	1	13	1	13	11	13	1	13	1	13	11	13
Z MAXIMUM	-3.411D+00	7.342D+00	7.359D-01	-5.087D+01	-3.432D+00	4.850D+01	-3.411D+00	7.342D+00	7.359D-01	-5.087D+01	-3.355D+00	4.116D+01
GRAND TOTAL	3.644D+01	1.176D+02	1.751D+01	7.075D+02	8.306D+01	8.352D+02	3.644D+01	1.176D+02	1.751D+01	7.075D+02	8.695D+01	7.497D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (198)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	12	50	12	50	13	50	12	50	12	50	12
X MAXIMUM	1.160D+01	-3.029D+01	-3.845D+00	2.331D+02	-4.133D+01	-1.504D+02	1.160D+01	-3.029D+01	-3.845D+00	2.331D+02	-4.902D+01	2.093D+02
Y	50	19	19	13	19	19	50	19	19	13	19	19
Y MAXIMUM	5.989D+00	-1.245D+01	-4.312D+00	-2.319D+01	-6.965D+01	2.447D+02	5.989D+00	-1.245D+01	-4.312D+00	-2.319D+01	-7.827D+01	2.696D+02
Z	1	13	1	13	1	13	1	13	1	13	1	13
Z MAXIMUM	-3.412D+00	7.367D+00	7.383D-01	-5.104D+01	8.761D+00	-4.720D+01	-3.412D+00	7.367D+00	7.383D-01	-5.104D+01	1.024D+01	-6.194D+01
GRAND TOTAL	3.578D+01	1.187D+02	1.779D+01	7.103D+02	2.656D+02	1.063D+03	3.578D+01	1.187D+02	1.779D+01	7.103D+02	2.997D+02	1.286D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (199)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	12	12	12	12	12	12	12	12	12	50	12
X MAXIMUM	-4.462D+00	-2.731D+01	-2.074D+01	-3.828D+02	-7.315D+01	-9.544D+01	-1.457D+01	-2.352D+01	-2.074D+01	-3.911D+02	4.119D+01	-3.480D+01
Y	19	19	19	19	38	19	38	19	19	19	38	19
Y MAXIMUM	-2.116D+00	1.020D+01	1.755D+01	1.458D+02	2.770D+01	4.863D+01	-2.832D+00	1.023D+01	1.755D+01	1.430D+02	2.344D+01	2.425D+01
Z	1	1	11	11	13	1	1	1	11	13	11	1
Z MAXIMUM	-1.488D+00	-8.658D+00	5.946D+00	7.690D+01	1.576D+01	-3.182D+01	-4.686D+00	-7.430D+00	5.946D+00	7.701D+01	-1.300D+01	-1.263D+01
GRAND TOTAL	1.946D+01	1.024D+02	1.161D+02	1.450D+03	2.646D+02	3.799D+02	5.197D+01	8.975D+01	1.161D+02	1.424D+03	2.748D+02	1.551D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (199)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12
X MAXIMUM	-2.246D+01	-1.616D+01	-2.074D+01	-3.589D+02	1.309D+02	1.254D+01
Y	19	19	19	19	19	38
Y MAXIMUM	5.714D+00	8.711D+00	1.755D+01	1.345D+02	-2.810D+01	2.578D+00
Z	1	1	11	13	11	13
Z MAXIMUM	-7.172D+00	-5.072D+00	5.946D+00	7.043D+01	-2.702D+01	-2.911D+00
GRAND TOTAL	8.158D+01	6.407D+01	1.161D+02	1.279D+03	5.174D+02	4.756D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (200)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	-2.246D+01	-1.616D+01	-2.074D+01	-3.589D+02	1.309D+02	1.254D+01	-2.694D+01	-6.333D+00	-2.074D+01	-2.909D+02	2.107D+02	3.940D+01
Y	19	19	19	19	19	38	19	19	19	19	19	19
Y MAXIMUM	5.712D+00	8.715D+00	1.756D+01	1.345D+02	-2.810D+01	2.578D+00	8.613D+00	5.865D+00	1.756D+01	1.215D+02	-3.711D+01	-1.576D+01
Z	1	1	11	13	11	13	1	1	11	13	13	1
Z MAXIMUM	-7.173D+00	-5.072D+00	5.947D+00	7.043D+01	-2.702D+01	-2.911D+00	-8.568D+00	-1.940D+00	5.947D+00	5.633D+01	-4.384D+01	1.066D+01
GRAND TOTAL	8.159D+01	6.408D+01	1.162D+02	1.279D+03	5.175D+02	4.756D+01	9.951D+01	3.070D+01	1.162D+02	1.037D+03	7.178D+02	1.431D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (200)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12
X MAXIMUM	-2.731D+01	4.460D+00	-2.074D+01	-1.976D+02	2.584D+02	4.163D+01

Y	19	19	19	19	19	19
Y MAXIMUM	1.020D+01	2.122D+00	1.756D+01	1.061D+02	-4.046D+01	-2.529D+01
Z	1	1	11	11	13	1
Z MAXIMUM	-8.658D+00	1.487D+00	5.947D+00	3.868D+01	-5.399D+01	1.120D+01
GRAND TOTAL	1.024D+02	1.946D+01	1.162D+02	7.369D+02	8.217D+02	1.644D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (201)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	-2.731D+01	2.074D+01	4.462D+00	-1.976D+02	-4.163D+01	2.584D+02	-2.731D+01	2.074D+01	4.462D+00	-1.976D+02	-3.717D+01	2.376D+02
Y	19	19	19	19	19	19	19	19	19	19	19	13
Y MAXIMUM	1.020D+01	-1.757D+01	2.122D+00	1.061D+02	2.529D+01	-4.046D+01	1.020D+01	-1.757D+01	2.122D+00	1.061D+02	2.742D+01	-2.293D+01
Z	1	11	1	11	1	13	1	11	1	11	1	13
Z MAXIMUM	-8.658D+00	-5.947D+00	1.488D+00	3.868D+01	-1.120D+01	-5.399D+01	-8.658D+00	-5.947D+00	1.488D+00	3.868D+01	-9.713D+00	-5.047D+01
GRAND TOTAL	1.024D+02	1.162D+02	1.947D+01	7.368D+02	1.644D+02	8.217D+02	1.024D+02	1.162D+02	1.947D+01	7.368D+02	1.575D+02	7.228D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (202)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	13	50	12	12	12	12	13	50
X MAXIMUM	-2.731D+01	2.076D+01	4.369D+00	-1.982D+02	-2.331D+01	-1.047D+02	-2.731D+01	2.076D+01	4.369D+00	-1.982D+02	-3.075D+01	-1.245D+02
Y	19	19	19	19	19	19	19	19	19	19	19	19
Y MAXIMUM	-1.009D+01	-1.771D+01	2.249D+00	1.069D+02	5.365D+01	1.995D+02	1.009D+01	-1.771D+01	2.249D+00	1.069D+02	5.814D+01	2.249D+02
Z	1	11	1	11	1	11	1	11	1	11	1	11
Z MAXIMUM	-8.658D+00	-5.963D+00	1.486D+00	3.878D+01	8.130D+00	3.624D+01	-8.658D+00	-5.963D+00	1.486D+00	3.878D+01	1.110D+01	-4.817D+01
GRAND TOTAL	1.025D+02	1.172D+02	1.955D+01	7.398D+02	2.248D+02	8.856D+02	1.025D+02	1.172D+02	1.955D+01	7.398D+02	2.602D+02	1.072D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (203)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	8	8	4	8	8	8	8	8	8	8
X MAXIMUM	-5.686D+03	2.061D+03	-4.059D+03	-1.912D+04	1.195D+04	-2.091D+05	-5.662D+03	2.126D+03	-4.059D+03	-1.934D+04	-2.897D+04	-2.187D+05
Y	23	40	24	18	31	13	23	40	24	18	31	13
Y MAXIMUM	2.037D+02	2.488D+02	2.204D+02	-1.994D+03	-1.560D+04	1.336D+04	2.028D+02	2.506D+02	2.204D+02	-1.996D+03	-1.483D+04	1.332D+04
Z	4	4	8	4	4	4	4	4	8	4	4	4
Z MAXIMUM	1.643D+03	-1.044D+03	-1.108D+03	1.614D+04	1.315D+04	1.822D+05	1.631D+03	-1.063D+03	-1.108D+03	1.630D+04	1.445D+04	1.870D+05
GRAND TOTAL	1.495D+04	6.332D+03	1.017D+04	8.955D+04	5.891D+04	7.978D+05	1.488D+04	6.499D+03	1.017D+04	9.017D+04	8.396D+04	8.223D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (203)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8
X MAXIMUM	-5.638D+03	2.190D+03	-4.059D+03	-1.978D+04	-4.743D+04	-2.286D+05
Y	23	40	24	18	31	13
Y MAXIMUM	2.020D+02	2.523D+02	2.204D+02	-1.997D+03	-1.405D+04	1.329D+04
Z	4	4	8	4	4	4
Z MAXIMUM	1.618D+03	-1.081D+03	-1.108D+03	1.647D+04	1.575D+04	1.920D+05
GRAND TOTAL	1.480D+04	6.665D+03	1.017D+04	9.108D+04	1.179D+05	8.480D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (204)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	14	20	14	20	2	20	14	20	14	20	2
X MAXIMUM	1.080D+01	9.350D+01	2.566D+02	-2.521D+03	1.439D+03	3.120D+03	1.080D+01	9.350D+01	2.566D+02	-2.521D+03	2.215D+03	2.853D+03
Y	16	14	16	16	16	14	16	14	16	16	16	14
Y MAXIMUM	3.429D+01	1.855D+02	5.392D+02	-5.269D+03	3.107D+03	5.441D+03	3.429D+01	1.855D+02	5.392D+02	-5.269D+03	4.738D+03	4.880D+03
Z	26	14	26	26	26	14	26	14	26	26	26	14
Z MAXIMUM	1.328D+01	3.016D+01	1.735D+02	-1.512D+03	9.163D+02	8.847D+02	1.328D+01	3.016D+01	1.735D+02	-1.512D+03	1.441D+03	7.934D+02
GRAND TOTAL	1.161D+02	6.593D+02	1.714D+03	2.451D+04	1.102D+04	2.326D+04	1.161D+02	6.593D+02	1.714D+03	2.451D+04	1.619D+04	2.144D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (205)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	8	20	14	14	8	20	8	20	14	14	8
X MAXIMUM	-3.164D+02	-1.063D+02	1.507D+02	1.200D+03	2.828D+03	-4.550D+03	-3.164D+02	-1.063D+02	1.507D+02	1.200D+03	4.349D+03	-2.583D+03
Y	16	18	16	16	16	14	16	18	16	16	16	14
Y MAXIMUM	9.166D+02	1.917D+01	4.021D+02	3.093D+03	7.427D+03	9.033D+02	9.166D+02	1.917D+01	4.021D+02	3.093D+03	1.487D+04	7.706D+02
Z	16	4	16	14	26	8	16	4	16	14	26	8
Z MAXIMUM	7.770D+01	3.231D+01	3.409D+01	3.870D+02	-1.578D+03	-1.241D+03	7.770D+01	3.231D+01	3.409D+01	3.870D+02	-2.037D+03	-7.048D+02
GRAND TOTAL	2.067D+03	4.289D+02	1.051D+03	1.008D+04	2.622D+04	2.160D+04	2.067D+03	4.289D+02	1.051D+03	1.008D+04	3.740D+04	1.403D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (206)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	10	8	5	10	8	1	10	8	5	10	8
X MAXIMUM	2.380D+03	1.423D+03	-2.215D+03	-6.860D+04	1.328D+05	1.700D+05	2.380D+03	1.423D+03	-2.215D+03	-6.860D+04	1.560D+05	1.839D+05
Y	24	24	24	15	24	24	24	24	24	15	24	24
Y MAXIMUM	-1.001D+03	-2.723D+02	-7.046D+02	2.083D+04	-1.780D+04	5.833D+04	-1.001D+03	-2.723D+02	-7.046D+02	2.083D+04	-3.259D+04	6.405D+04
Z	1	11	8	5	4	8	1	11	8	5	4	8
Z MAXIMUM	1.033D+03	-7.387D+02	-6.042D+02	-2.293D+04	3.932D+04	4.639D+04	1.033D+03	-7.387D+02	-6.042D+02	-2.293D+04	4.263D+04	5.018D+04
GRAND TOTAL	1.138D+04	5.994D+03	9.258D+03	3.289D+05	6.821D+05	5.404D+05	1.138D+04	5.994D+03	9.258D+03	3.289D+05	8.674D+05	6.060D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (207)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	15	10	8	11	8	10	15	10	8	11	15	12
X MAXIMUM	1.695D+03	-6.568D+03	7.364D+03	1.455D-10	-1.977D+05	-1.763D+05	1.695D+03	-6.568D+03	7.364D+03	1.455D-10	3.506D-09	5.588D-09
Y	24	24	24	11	24	24	24	24	24	11	15	12
Y MAXIMUM	-1.580D+03	9.250D+02	1.207D+03	3.274D-11	-3.240D+04	2.483D+04	-1.580D+03	9.250D+02	1.207D+03	3.274D-11	2.243D-09	3.347D-10
Z	15	10	8	11	8	10	15	10	8	11	15	8
Z MAXIMUM	4.768D+02	-1.157D+03	2.009D+03	1.019D-10	-5.393D+04	-3.106D+04	4.768D+02	-1.157D+03	2.009D+03	1.019D-10	9.583D-10	-6.839D-10
GRAND TOTAL	1.147D+04	2.931D+04	2.897D+04	6.816D-10	7.777D+05	7.867D+05	1.147D+04	2.931D+04	2.897D+04	6.816D-10	1.166D-08	1.649D-08

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (208)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	10	10	10	5	8	10	10	10	5	5
X MAXIMUM	5.749D+03	2.453D+03	-5.511D+03	-1.488D+05	1.530D+05	-9.066D+04	5.749D+03	2.453D+03	-5.511D+03	-1.488D+05	-1.200D+05	-8.355D+04
Y	11	40	13	24	24	40	11	40	13	24	24	15
Y MAXIMUM	4.426D+02	-1.441D+03	4.882D+02	1.870D+04	-2.988D+04	-3.337D+04	4.426D+02	-1.441D+03	4.882D+02	1.870D+04	-2.249D+04	2.162D+04
Z	5	11	11	5	4	5	5	11	11	5	4	5
Z MAXIMUM	1.637D+03	-9.692D+02	-1.228D+03	-4.190D+04	4.453D+04	-3.030D+04	1.637D+03	-9.692D+02	-1.228D+03	-4.190D+04	4.359D+04	-2.793D+04
GRAND TOTAL	2.437D+04	1.395D+04	2.459D+04	8.482D+05	8.268D+05	3.635D+05	2.437D+04	1.395D+04	2.459D+04	8.482D+05	5.607D+05	3.718D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (209)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	6	5	5	8	8	6	6	6	8
X MAXIMUM	-6.380D+02	-5.315D+02	-1.884D+03	-8.620D+04	5.160D+03	2.016D+03	-6.380D+02	-5.315D+02	-1.884D+03	-8.620D+04	-1.456D+04	4.965D+03
Y	27	27	11	6	11	27	27	27	11	6	6	27
Y MAXIMUM	-6.482D+02	-5.477D+02	-1.115D+02	-3.560D+03	1.075D+03	5.272D+03	-6.482D+02	-5.477D+02	-1.115D+02	-3.560D+03	-6.015D+02	8.558D+03
Z	8	8	8	8	11	11	8	8	8	8	4	11
Z MAXIMUM	-1.741D+02	-1.450D+02	5.132D+02	2.021D+04	3.869D+03	1.629D+03	-1.741D+02	-1.450D+02	5.132D+02	2.021D+04	-3.424D+03	2.437D+03
GRAND TOTAL	3.551D+03	3.203D+03	7.597D+03	3.035D+05	2.912D+04	2.426D+04	3.551D+03	3.203D+03	7.597D+03	3.035D+05	4.799D+04	4.214D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (210)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	5	8	6	6	6	8	5	8	6	6	5	8
X MAXIMUM	-2.165D+01	2.389D+03	-2.324D+03	-9.095D-12	6.297D+04	6.472D+04	-2.165D+01	2.389D+03	-2.324D+03	-9.095D-12	-4.366D-11	2.037D-10

Y	24	27	27	27	27	27	24	27	27	27	16	27
Y MAXIMUM	2.027D+01	4.453D+02	-4.667D+02	-1.101D-12	1.265D+04	1.207D+04	2.027D+01	4.453D+02	-4.667D+02	-1.101D-12	5.279D-12	-1.040D-11
Z	11	8	8	6	8	8	11	8	8	6	5	8
Z MAXIMUM	-1.395D+01	6.517D+02	3.941D+02	-1.478D-12	-1.068D+04	1.766D+04	-1.395D+01	6.517D+02	3.941D+02	-1.478D-12	-2.910D-11	7.276D-11
GRAND TOTAL	1.816D+02	9.272D+03	8.406D+03	2.580D-11	2.278D+05	2.512D+05	1.816D+02	9.272D+03	8.406D+03	2.580D-11	2.439D-10	4.794D-10

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (211)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	8	6	8	8	8	6	8	6	8
X MAXIMUM	-4.781D+01	-7.141D+02	1.290D+03	2.619D+02	-1.984D+04	-1.116D+04	-4.781D+01	-7.141D+02	1.290D+03	2.619D+02	-1.210D+04	-6.875D+03
Y	40	27	6	27	6	27	40	27	6	27	6	27
Y MAXIMUM	-6.458D+00	-5.765D+02	5.328D+01	1.925D+01	-8.194D+02	-8.888D+03	-6.458D+00	-5.765D+02	5.328D+01	1.925D+01	-4.997D+02	-5.429D+03
Z	8	8	4	8	4	8	8	8	4	8	4	8
Z MAXIMUM	-1.304D+01	-1.948D+02	2.582D+02	7.144D+01	-3.977D+03	-3.045D+03	-1.304D+01	-1.948D+02	2.582D+02	7.144D+01	-2.428D+03	-1.876D+03
GRAND TOTAL	1.787D+02	3.353D+03	3.824D+03	1.132D+03	5.885D+04	5.214D+04	1.787D+02	3.353D+03	3.824D+03	1.132D+03	3.591D+04	3.203D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (212)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	15	4	10	8	8	8	15	8	10
X MAXIMUM	3.877D+03	2.426D+03	-3.026D+03	-3.095D+04	-1.299D+05	1.329D+05	3.877D+03	2.426D+03	-3.026D+03	-3.095D+04	-1.775D+05	1.719D+05
Y	24	11	27	15	11	24	24	11	27	15	11	49
Y MAXIMUM	-3.317D+02	-3.213D+02	2.066D+02	-1.913D+04	2.064D+04	2.150D+04	-3.317D+02	-3.213D+02	2.066D+02	-1.913D+04	2.371D+04	2.256D+04
Z	8	11	4	4	4	11	8	11	4	4	4	11
Z MAXIMUM	1.058D+03	-1.157D+03	-2.390D+03	-2.366D+04	-1.429D+05	4.770D+04	1.058D+03	-1.157D+03	-2.390D+03	-2.366D+04	-1.931D+05	7.199D+04
GRAND TOTAL	1.639D+04	1.151D+04	9.669D+03	2.035D+05	7.738D+05	5.358D+05	1.639D+04	1.151D+04	9.669D+03	2.035D+05	9.692D+05	7.149D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (213)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	10	4	10	8	10	8	10	4	4	8
X MAXIMUM	-5.638D+02	6.773D+03	4.249D+03	-1.065D-10	-1.141D+05	1.818D+05	-5.638D+02	6.773D+03	4.249D+03	-1.065D-10	-5.575D-10	-2.328D-09
Y	49	49	25	11	25	49	49	49	25	11	25	13
Y MAXIMUM	-6.460D+02	-8.296D+02	-7.424D+02	5.798D-12	1.993D+04	-2.227D+04	-6.460D+02	-8.296D+02	-7.424D+02	5.798D-12	-1.382D-10	1.455D-10
Z	34	4	11	4	11	4	34	4	11	4	33	8
Z MAXIMUM	-2.265D+02	4.089D+03	1.943D+03	-1.055D-10	-5.216D+04	1.098D+05	-2.265D+02	4.089D+03	1.943D+03	-1.055D-10	-1.155D-10	-1.062D-09
GRAND TOTAL	4.845D+03	2.254D+04	2.014D+04	2.892D-10	5.407D+05	6.050D+05	4.845D+03	2.254D+04	2.014D+04	2.892D-10	2.575D-09	7.777D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (214)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	8	8	8	8	12	8	8	8	4	8
X MAXIMUM	-4.184D+03	1.803D+03	3.830D+03	1.621D+05	-1.815D+05	-7.771D+04	-4.184D+03	1.803D+03	3.830D+03	1.621D+05	-1.432D+05	-1.156D+05
Y	24	24	49	24	11	24	24	24	49	24	11	24
Y MAXIMUM	-1.030D+03	5.700D+02	-7.258D+02	2.116D+04	2.492D+04	4.003D+04	-1.030D+03	5.700D+02	-7.258D+02	2.116D+04	2.508D+04	2.806D+04
Z	11	11	4	4	4	8	11	11	4	4	4	11
Z MAXIMUM	1.397D+03	-9.095D+02	1.774D+03	8.611D+04	-1.948D+05	-2.120D+04	1.397D+03	-9.095D+02	1.774D+03	8.611D+04	-1.575D+05	3.911D+04
GRAND TOTAL	2.584D+04	9.782D+03	1.668D+04	5.228D+05	9.876D+05	4.345D+05	2.584D+04	9.782D+03	1.668D+04	5.228D+05	7.748D+05	5.284D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (215)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	10	10	8	10	8	12	10	10	8	10	8
X MAXIMUM	2.906D+03	1.020D+03	-5.273D+03	1.347D+05	-1.073D+05	-9.523D+04	2.906D+03	1.020D+03	-5.273D+03	1.347D+05	-2.180D+05	-8.759D+04
Y	49	24	24	24	11	24	49	24	24	24	11	49
Y MAXIMUM	5.385D+02	6.819D+02	-7.353D+02	-2.049D+04	-1.017D+04	1.250D+04	5.385D+02	6.819D+02	-7.353D+02	-2.049D+04	-2.519D+04	-1.622D+04
Z	4	4	11	11	11	11	4	4	11	11	11	4
Z MAXIMUM	3.082D+03	7.008D+02	-2.575D+03	-5.373D+04	-3.662D+04	2.726D+04	3.082D+03	7.008D+02	-2.575D+03	-5.373D+04	-9.069D+04	-3.612D+04
GRAND TOTAL	1.184D+04	7.233D+03	2.597D+04	5.932D+05	4.443D+05	4.071D+05	1.184D+04	7.233D+03	2.597D+04	5.932D+05	9.227D+05	3.443D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (216)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	30	8	10	12	10	8	30	8	10	12	10	8
X MAXIMUM	-5.446D+02	-7.154D+03	-3.892D+03	-3.001D-11	1.045D+05	-1.921D+05	-5.446D+02	-7.154D+03	-3.892D+03	-3.001D-11	-4.191D-09	3.492D-09
Y	24	24	15	24	15	24	24	24	15	24	11	11
Y MAXIMUM	6.169D+02	8.466D+02	-5.287D+02	-1.000D-11	1.419D+04	2.273D+04	6.169D+02	8.466D+02	-5.287D+02	-1.000D-11	6.112D-10	6.548D-10
Z	34	4	4	4	4	4	34	4	4	4	11	11
Z MAXIMUM	2.595D+02	-3.384D+03	-2.693D+03	-2.819D-11	7.228D+04	-9.084D+04	2.595D+02	-3.384D+03	-2.693D+03	-2.819D-11	1.732D-09	2.023D-09
GRAND TOTAL	5.850D+03	2.843D+04	2.026D+04	1.590D-10	5.439D+05	7.632D+05	5.850D+03	2.843D+04	2.026D+04	1.590D-10	1.201D-08	1.561D-08

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (217)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	4	12	12	10	8	8	4	12	12	10	8
X MAXIMUM	-6.671D+03	7.979D+02	-2.399D+03	-5.323D+04	-2.268D+05	7.358D+04	-6.671D+03	7.979D+02	-2.399D+03	-5.323D+04	-2.095D+05	6.080D+04
Y	13	15	13	13	11	24	13	15	13	13	11	24
Y MAXIMUM	6.965D+02	6.780D+01	-2.631D+02	-6.490D+03	-2.611D+04	-1.312D+04	6.965D+02	6.780D+01	-2.631D+02	-6.490D+03	-2.538D+04	-1.280D+04
Z	8	4	4	11	11	4	8	4	4	11	11	4
Z MAXIMUM	-1.820D+03	8.778D+02	7.921D+02	1.789D+04	-9.399D+04	7.904D+04	-1.820D+03	8.778D+02	7.921D+02	1.789D+04	-9.137D+04	6.061D+04
GRAND TOTAL	2.769D+04	3.819D+03	8.643D+03	2.879D+05	9.314D+05	3.358D+05	2.769D+04	3.819D+03	8.643D+03	2.879D+05	1.035D+06	2.726D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (218)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	10	12	12	8	7	7	7	12
X MAXIMUM	-6.792D+02	-6.356D+02	-1.788D+03	-7.961D+04	7.583D+03	6.812D+03	-6.792D+02	-6.356D+02	-1.788D+03	-7.961D+04	-1.550D+04	9.699D+03
Y	28	28	11	6	11	28	28	28	11	6	6	28
Y MAXIMUM	3.854D+02	3.345D+02	-9.155D+01	-2.573D+03	7.978D+02	-3.198D+03	3.854D+02	3.345D+02	-9.155D+01	-2.573D+03	-5.066D+02	-5.205D+03
Z	13	8	8	4	4	11	13	8	8	4	4	11
Z MAXIMUM	-1.614D+02	-1.734D+02	-3.943D+02	1.433D+04	5.506D+03	1.868D+03	-1.614D+02	-1.734D+02	-3.943D+02	1.433D+04	6.170D+03	2.378D+03
GRAND TOTAL	3.606D+03	3.057D+03	7.386D+03	2.751D+05	3.411D+04	2.861D+04	3.606D+03	3.057D+03	7.386D+03	2.751D+05	4.442D+04	4.499D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (219)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	7	7	6	7	7	12	7	7	6	8	8
X MAXIMUM	-2.626D+01	-2.270D+03	-1.869D+03	2.217D-12	5.050D+04	-6.136D+04	-2.626D+01	-2.270D+03	-1.869D+03	2.217D-12	-1.746D-10	1.855D-10
Y	24	28	28	16	28	28	24	28	28	16	15	13
Y MAXIMUM	-1.137D+01	-2.571D+02	2.876D+02	-2.998D-13	-7.773D+03	-6.947D+03	-1.137D+01	-2.571D+02	2.876D+02	-2.998D-13	-6.480D-12	1.056D-11
Z	11	4	8	4	8	4	11	4	8	4	4	8
Z MAXIMUM	-1.105D+01	4.735D+02	-4.563D+02	-1.023D-12	1.233D+04	1.280D+04	-1.105D+01	4.735D+02	-4.563D+02	-1.023D-12	-5.821D-11	4.002D-11
GRAND TOTAL	1.737D+02	8.120D+03	8.368D+03	9.524D-12	2.261D+05	2.194D+05	1.737D+02	8.120D+03	8.368D+03	9.524D-12	4.793D-10	8.180D-10

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (220)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	7	7	7	8	8	8	7	7	7	8
X MAXIMUM	-4.153D+01	-5.972D+02	1.150D+03	-2.457D+02	-1.769D+04	-9.340D+03	-4.153D+01	-5.972D+02	1.150D+03	-2.457D+02	-1.078D+04	-5.757D+03
Y	13	28	6	11	6	28	13	28	6	11	6	28
Y MAXIMUM	-4.239D+00	3.388D+02	3.795D+01	-1.396D+01	-5.836D+02	5.214D+03	-4.239D+00	3.388D+02	3.795D+01	-1.396D+01	-3.559D+02	3.181D+03
Z	8	8	4	8	4	8	8	8	4	8	4	8
Z MAXIMUM	-1.133D+01	-1.629D+02	-4.203D+02	-5.505D+01	6.480D+03	-2.548D+03	-1.133D+01	-1.629D+02	-4.203D+02	-5.505D+01	3.958D+03	-1.571D+03
GRAND TOTAL	1.889D+02	3.040D+03	3.265D+03	1.113D+03	5.031D+04	4.741D+04	1.889D+02	3.040D+03	3.265D+03	1.113D+03	3.071D+04	2.917D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (221)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	7	8	7	8	8	8	7	8	13	13
X MAXIMUM	-6.662D+00	-1.031D+01	2.019D+01	2.365D-11	-9.484D+01	-4.843D+01	-6.662D+00	-1.031D+01	2.019D+01	2.365D-11	1.104D-10	-8.458D-11

Y	13	13	11	11	11	13	13	13	11	11	13	13
Y MAXIMUM	-6.495D-01	-1.023D+00	1.128D+00	1.194D-12	-5.301D+00	-4.806D+00	-6.495D-01	-1.023D+00	1.128D+00	1.194D-12	1.575D-11	-1.052D-11
Z	8	8	8	8	8	8	8	8	8	8	13	13
Z MAXIMUM	-1.818D+00	-2.813D+00	4.481D+00	6.821D-12	-2.105D+01	-1.321D+01	-1.818D+00	-2.813D+00	4.481D+00	6.821D-12	3.399D-11	-2.490D-11
GRAND TOTAL	2.994D+01	4.664D+01	9.078D+01	9.819D-11	4.264D+02	2.191D+02	2.994D+01	4.664D+01	9.078D+01	9.819D-11	3.408D-10	2.182D-10

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (222)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	8	8	8	12	12	8	8	8	8	12
X MAXIMUM	5.931D+03	4.051D+03	5.829D+03	1.876D+05	1.447D+05	-1.226D+05	5.931D+03	4.051D+03	5.829D+03	1.876D+05	2.659D+05	-1.368D+05
Y	13	31	13	13	40	13	13	31	13	13	13	13
Y MAXIMUM	6.286D+02	-2.570D+02	-5.633D+02	-1.302D+04	9.978D+03	-1.265D+04	6.286D+02	-2.570D+02	-5.633D+02	-1.302D+04	-1.414D+04	-1.425D+04
Z	4	8	4	4	4	4	4	8	4	4	4	11
Z MAXIMUM	2.199D+03	1.105D+03	-6.203D+03	-1.707D+05	-8.848D+04	-4.624D+04	2.199D+03	1.105D+03	-6.203D+03	-1.707D+05	-2.174D+05	-4.288D+04
GRAND TOTAL	2.044D+04	1.030D+04	2.977D+04	8.021D+05	5.239D+05	5.365D+05	2.044D+04	1.030D+04	2.977D+04	8.021D+05	9.739D+05	5.733D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (223)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-6.507D+02	7.710D+03	6.935D+03	2.119D-10	-1.862D+05	2.070D+05	-6.507D+02	7.710D+03	6.935D+03	2.119D-10	-1.001D-08	9.779D-09
Y	31	13	13	22	13	13	31	13	13	22	15	13
Y MAXIMUM	-8.207D+01	-5.271D+02	6.081D+02	1.415D-11	-1.633D+04	-1.415D+04	-8.207D+01	-5.271D+02	6.081D+02	1.415D-11	-2.774D-10	4.948D-10
Z	4	4	8	4	8	4	4	4	8	4	8	4
Z MAXIMUM	5.433D+02	-6.956D+03	1.892D+03	-7.731D-11	-5.079D+04	-1.867D+05	5.433D+02	-6.956D+03	1.892D+03	-7.731D-11	-2.299D-09	-4.657D-09
GRAND TOTAL	3.137D+03	3.306D+04	3.180D+04	7.367D-10	8.535D+05	8.874D+05	3.137D+03	3.306D+04	3.180D+04	7.367D-10	1.884D-08	2.390D-08

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (224)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-5.439D+03	4.057D+03	-2.059D+03	-2.058D+04	2.815D+05	1.513D+05	-5.439D+03	4.057D+03	-2.059D+03	-2.058D+04	2.378D+05	6.523D+04
Y	23	24	40	18	40	31	23	24	40	18	13	31
Y MAXIMUM	1.972D+02	-2.195D+02	-2.665D+02	-1.998D+03	1.319D+04	9.688D+03	1.972D+02	-2.195D+02	-2.665D+02	-1.998D+03	-1.322D+04	1.330D+04
Z	4	8	4	4	4	8	4	8	4	4	4	8
Z MAXIMUM	1.626D+03	1.107D+03	9.284D+02	1.666D+04	-2.161D+05	4.127D+04	1.626D+03	1.107D+03	9.284D+02	1.666D+04	-1.964D+05	1.780D+04
GRAND TOTAL	1.440D+04	1.017D+04	6.665D+03	9.248D+04	9.827D+05	3.719D+05	1.440D+04	1.017D+04	6.665D+03	9.248D+04	8.716D+05	1.607D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (225)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	15	8	8	8	8	8	15	8	8	8	8	2
X MAXIMUM	2.903D+02	1.739D+02	6.005D+02	-1.147D+03	3.091D+04	4.624D+03	2.903D+02	1.739D+02	6.005D+02	-1.147D+03	3.511D+04	-4.353D+03
Y	37	41	24	41	41	2	37	41	24	41	41	2
Y MAXIMUM	-2.815D+02	6.874D+01	-1.243D+02	5.501D+02	2.325D+03	-3.857D+03	-2.815D+02	6.874D+01	-1.243D+02	5.501D+02	2.405D+03	-4.045D+03
Z	23	11	8	35	8	23	23	11	8	35	8	23
Z MAXIMUM	-1.994D+02	-8.566D+01	1.638D+02	7.378D+02	8.434D+03	-1.290D+03	-1.994D+02	-8.566D+01	1.638D+02	7.378D+02	9.580D+03	-1.314D+03
GRAND TOTAL	2.719D+03	8.811D+02	1.831D+03	6.815D+03	7.881D+04	2.683D+04	2.719D+03	8.811D+02	1.831D+03	6.815D+03	9.119D+04	2.481D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (226)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	22	8	8	8	22	8	22	8	8	10	12
X MAXIMUM	4.282D+02	2.553D+02	-9.325D+01	4.144D-11	9.331D+02	2.555D+03	4.282D+02	2.553D+02	-9.325D+01	4.144D-11	2.638D-10	3.456D-10
Y	41	24	37	37	37	24	41	24	37	37	37	24
Y MAXIMUM	3.033D+02	5.634D+02	1.635D+02	-1.444D-11	-1.636D+03	5.638D+03	3.033D+02	5.634D+02	1.635D+02	-1.444D-11	1.646D-10	-3.301D-10
Z	11	23	35	35	35	23	11	23	35	35	11	11
Z MAXIMUM	-1.546D+02	3.074D+02	2.344D+02	3.160D-11	-2.345D+03	3.076D+03	-1.546D+02	3.074D+02	2.344D+02	3.160D-11	-1.692D-10	1.455D-10
GRAND TOTAL	3.117D+03	2.521D+03	1.271D+03	1.346D-10	1.272D+04	2.523D+04	3.117D+03	2.521D+03	1.271D+03	1.346D-10	1.963D-09	2.192D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (227)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-7.392D+02	-3.883D+02	-2.032D+02	4.900D+03	-1.182D+03	-3.337D+04	-7.392D+02	-3.883D+02	-2.032D+02	4.900D+03	-2.807D+03	-3.027D+04
Y	24	24	41	2	41	24	24	24	41	2	37	24
Y MAXIMUM	6.977D+02	-1.613D+02	-2.329D+02	4.235D+03	6.105D+02	-4.462D+03	6.977D+02	-1.613D+02	-2.329D+02	4.235D+03	-1.253D+03	-3.171D+03
Z	23	8	35	11	35	8	23	8	35	11	35	8
Z MAXIMUM	3.811D+02	-1.059D+02	-2.883D+02	-1.365D+03	8.258D+02	-9.105D+03	3.811D+02	-1.059D+02	-2.883D+02	-1.365D+03	-1.480D+03	-8.257D+03
GRAND TOTAL	4.052D+03	1.233D+03	1.653D+03	2.499D+04	7.228D+03	8.900D+04	4.052D+03	1.233D+03	1.653D+03	2.499D+04	1.332D+04	7.988D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (228)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	20	8	20	8	14	8	20	8	20	8
X MAXIMUM	1.938D+02	7.850D+01	-1.005D+03	-7.887D+03	3.449D+03	-3.565D+03	1.938D+02	7.850D+01	-1.005D+03	-7.887D+03	-4.839D+03	-4.213D+03
Y	16	16	16	14	16	31	16	16	16	14	14	31
Y MAXIMUM	7.939D+02	-8.694D+01	5.536D+02	1.531D+03	-1.714D+03	-1.461D+03	7.939D+02	-8.694D+01	5.536D+02	1.531D+03	3.707D+03	-1.923D+03
Z	26	26	20	8	20	8	26	26	20	8	14	8
Z MAXIMUM	-1.569D+02	3.198D+01	-1.028D+02	-2.152D+03	3.529D+02	-9.728D+02	-1.569D+02	3.198D+01	-1.028D+02	-2.152D+03	6.027D+02	-1.149D+03
GRAND TOTAL	2.144D+03	6.781D+02	2.977D+03	3.044D+04	1.005D+04	1.918D+04	2.144D+03	6.781D+02	2.977D+03	3.044D+04	1.821D+04	2.349D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (229)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	46	14	20	20	20	14	46	14	20	20	20	12
X MAXIMUM	3.756D+01	1.595D+02	8.193D+02	-1.673D-10	-8.199D+03	1.596D+03	3.756D+01	1.595D+02	8.193D+02	-1.673D-10	-1.601D-10	-2.974D-10
Y	46	16	16	14	16	16	46	16	16	14	16	16
Y MAXIMUM	8.438D+01	6.576D+02	-4.409D+02	5.275D-11	4.412D+03	6.581D+03	8.438D+01	6.576D+02	-4.409D+02	5.275D-11	2.183D-10	4.220D-10
Z	46	26	20	26	20	26	46	26	20	26	11	26
Z MAXIMUM	1.134D+01	-1.164D+02	8.384D+01	2.214D-11	-8.390D+02	-1.165D+03	1.134D+01	-1.164D+02	8.384D+01	2.214D-11	-1.164D-10	1.738D-10
GRAND TOTAL	3.338D+02	1.750D+03	2.076D+03	3.587D-10	2.077D+04	1.751D+04	3.338D+02	1.750D+03	2.076D+03	3.587D-10	1.452D-09	1.495D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (230)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	20	8	8	8	8	8	20	8	8
X MAXIMUM	-9.581D+01	-1.855D+02	2.415D+02	4.531D+03	-6.419D+03	-5.723D+03	-9.581D+01	-1.855D+02	2.415D+02	4.531D+03	-4.728D+03	-4.425D+03
Y	31	16	16	14	16	16	31	16	16	14	16	16
Y MAXIMUM	-1.302D+02	9.031D+01	1.379D+02	-3.590D+03	-5.494D+03	5.442D+03	-1.302D+02	9.031D+01	1.379D+02	-3.590D+03	-4.529D+03	4.810D+03
Z	26	4	8	14	8	26	26	4	8	14	8	26
Z MAXIMUM	-3.937D+01	6.917D+01	6.590D+01	-5.837D+02	-1.751D+03	-2.262D+03	-3.937D+01	6.917D+01	6.590D+01	-5.837D+02	-1.290D+03	-1.966D+03
GRAND TOTAL	9.111D+02	8.892D+02	1.120D+03	1.759D+04	3.418D+04	3.439D+04	9.111D+02	8.892D+02	1.120D+03	1.759D+04	2.655D+04	3.096D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (231)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	5	10	10	10	1	1	5	1
X MAXIMUM	3.505D+03	1.073D+03	3.688D+03	-3.723D+04	1.103D+05	1.494D+04	3.505D+03	1.073D+03	3.688D+03	-3.723D+04	1.288D+05	1.158D+04
Y	24	19	19	19	19	19	24	19	19	19	19	19
Y MAXIMUM	8.970D+02	-4.050D+02	1.836D+02	8.541D+03	1.672D+04	9.747D+03	8.970D+02	-4.050D+02	1.836D+02	8.541D+03	1.838D+04	1.339D+04
Z	11	11	1	1	5	11	11	11	1	1	5	1
Z MAXIMUM	-1.552D+03	-4.257D+02	1.601D+03	-1.616D+04	3.687D+04	-7.467D+03	-1.552D+03	-4.257D+02	1.601D+03	-1.616D+04	4.305D+04	5.029D+03
GRAND TOTAL	1.743D+04	4.850D+03	1.149D+04	1.458D+05	4.059D+05	8.375D+04	1.743D+04	4.850D+03	1.149D+04	1.458D+05	4.888D+05	6.140D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (232)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	5	8	10	8	10	8	5	8	10	8	13	1
X MAXIMUM	2.367D+02	3.987D+03	-2.740D+03	1.137D-10	5.895D+04	8.578D+04	2.367D+02	3.987D+03	-2.740D+03	1.137D-10	2.634D-09	1.164D-08

Y	40	19	24	19	24	19	40	19	24	19	25	11
Y MAXIMUM	-2.753D+02	-4.778D+02	-6.431D+02	-2.370D-11	1.384D+04	-1.028D+04	-2.753D+02	-4.778D+02	-6.431D+02	-2.370D-11	7.312D-10	6.403D-10
Z	5	5	11	1	11	5	5	5	11	1	11	11
Z MAXIMUM	7.910D+01	-1.262D+03	1.179D+03	-7.549D-11	-2.536D+04	-2.716D+04	7.910D+01	-1.262D+03	1.179D+03	-7.549D-11	-1.310D-09	2.328D-09
GRAND TOTAL	2.235D+03	1.689D+04	1.333D+04	4.500D-10	2.869D+05	3.633D+05	2.235D+03	1.689D+04	1.333D+04	4.500D-10	1.534D-08	2.475D-08

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (233)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	10	1	1	5	10	1	10	1	1	5	10
X MAXIMUM	7.850D+02	1.144D+03	2.023D+03	-7.248D+04	1.296D+05	6.420D+04	7.850D+02	1.144D+03	2.023D+03	-7.248D+04	1.137D+05	5.390D+04
Y	21	24	19	24	19	40	21	24	19	24	19	40
Y MAXIMUM	-2.973D+02	3.794D+02	-2.878D+02	7.491D+03	1.847D+04	1.620D+04	-2.973D+02	3.794D+02	-2.878D+02	7.491D+03	1.588D+04	1.316D+04
Z	11	11	1	1	5	11	11	11	1	1	5	11
Z MAXIMUM	-3.534D+02	-4.648D+02	8.784D+02	-3.147D+04	4.333D+04	-2.897D+04	-3.534D+02	-4.648D+02	8.784D+02	-3.147D+04	3.801D+04	-2.478D+04
GRAND TOTAL	4.597D+03	5.772D+03	7.844D+03	2.736D+05	4.867D+05	3.247D+05	4.597D+03	5.772D+03	7.844D+03	2.736D+05	4.263D+05	2.751D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (234)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	1.777D+02	7.872D+02	1.489D+02	-6.000D+04	4.653D+04	-1.131D+05	1.777D+02	7.872D+02	1.489D+02	-6.000D+04	4.683D+04	-1.147D+05
Y	19	21	19	13	19	13	19	21	19	13	19	13
Y MAXIMUM	5.987D+02	9.069D+01	-1.476D+02	6.008D+03	1.365D+04	1.115D+04	5.987D+02	9.069D+01	-1.476D+02	6.006D+03	1.335D+04	1.132D+04
Z	21	13	13	13	13	13	21	13	13	13	13	13
Z MAXIMUM	5.285D+01	-1.837D+02	-2.799D+01	1.322D+04	-1.107D+04	2.454D+04	5.285D+01	-1.837D+02	-2.799D+01	1.322D+04	-1.113D+04	2.491D+04
GRAND TOTAL	2.370D+03	2.439D+03	7.420D+02	1.546D+05	1.170D+05	2.830D+05	2.370D+03	2.439D+03	7.420D+02	1.546D+05	1.171D+05	2.843D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (235)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	12	13	12	13	12	12	13	12
X MAXIMUM	-5.908D+02	1.146D+02	1.308D+03	8.004D-10	-7.113D+03	6.236D+02	-5.908D+02	1.146D+02	1.308D+03	8.004D-10	-1.398D-08	1.863D-09
Y	13	19	13	11	13	19	13	19	13	11	12	19
Y MAXIMUM	6.036D+01	-3.100D+02	-1.316D+02	-8.879D-11	7.158D+02	-1.686D+03	6.036D+01	-3.100D+02	-1.316D+02	-8.879D-11	2.518D-10	-1.222D-09
Z	13	13	13	11	13	13	13	13	13	11	13	13
Z MAXIMUM	1.328D+02	3.597D+01	-2.896D+02	-3.620D-10	1.575D+03	1.957D+02	1.328D+02	3.597D+01	-2.896D+02	-3.620D-10	8.428D-10	-3.929D-10
GRAND TOTAL	1.418D+03	1.086D+03	2.954D+03	1.633D-09	1.607D+04	5.908D+03	1.418D+03	1.086D+03	2.954D+03	1.633D-09	2.162D-08	5.327D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (236)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	12	12	12	12	12	50	12	12	12	12	12
X MAXIMUM	-1.079D+02	-5.736D+02	-4.091D+02	-6.710D+04	4.742D+04	-1.151D+05	-1.079D+02	-5.736D+02	-4.091D+02	-6.710D+04	4.660D+04	-1.139D+05
Y	19	21	19	13	19	13	19	21	19	13	19	13
Y MAXIMUM	2.843D+02	8.267D+01	-2.121D+02	6.723D+03	1.504D+04	1.136D+04	2.843D+02	8.267D+01	-2.121D+02	6.723D+03	1.462D+04	1.125D+04
Z	21	11	13	13	13	13	21	11	13	13	13	13
Z MAXIMUM	2.972D+01	1.507D+02	9.818D+01	1.480D+04	-1.132D+04	2.499D+04	2.972D+01	1.507D+02	9.818D+01	1.480D+04	-1.113D+04	2.476D+04
GRAND TOTAL	1.392D+03	2.419D+03	1.332D+03	1.700D+05	1.206D+05	2.851D+05	1.392D+03	2.419D+03	1.332D+03	1.700D+05	1.180D+05	2.805D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (237)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	12	12	12	12	12	50	12	12	12	12	12
X MAXIMUM	-9.058D+01	-1.169D+03	-6.335D+02	-6.710D+04	3.835D+04	-1.003D+05	-9.058D+01	-1.169D+03	-6.335D+02	-6.710D+04	3.708D+04	-9.799D+04
Y	21	13	19	13	19	13	21	13	19	13	19	13
Y MAXIMUM	1.709D+02	1.136D+02	-2.329D+02	6.723D+03	1.103D+04	9.946D+03	1.709D+02	1.136D+02	-2.329D+02	6.723D+03	1.057D+04	9.719D+03
Z	21	13	13	13	13	13	21	13	13	13	13	13
Z MAXIMUM	2.080D+01	2.499D+02	1.488D+02	1.480D+04	-9.170D+03	2.189D+04	2.080D+01	2.499D+02	1.488D+02	1.480D+04	-8.873D+03	2.139D+04
GRAND TOTAL	1.036D+03	3.644D+03	1.805D+03	1.700D+05	9.358D+04	2.372D+05	1.036D+03	3.644D+03	1.805D+03	1.700D+05	9.003D+04	2.306D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (238)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	11	12	13	12	13	12	11	12	13
X MAXIMUM	-6.732D+02	1.144D+02	1.572D+03	-2.865D-10	-8.553D+03	6.221D+02	-6.732D+02	1.144D+02	1.572D+03	-2.865D-10	1.610D-08	-1.630D-09
Y	13	19	13	11	13	19	13	19	13	11	13	19
Y MAXIMUM	6.849D+01	-3.074D+02	-1.585D+02	-6.401D-11	8.622D+02	-1.672D+03	6.849D+01	-3.074D+02	-1.585D+02	-6.401D-11	5.908D-10	-1.004D-09
Z	13	13	13	11	13	13	13	13	13	11	13	13
Z MAXIMUM	1.508D+02	3.588D+01	-3.488D+02	-2.447D-10	1.898D+03	1.952D+02	1.508D+02	3.588D+01	-3.488D+02	-2.447D-10	1.908D-09	-5.821D-10
GRAND TOTAL	1.545D+03	1.076D+03	3.536D+03	9.571D-10	1.924D+04	5.852D+03	1.545D+03	1.076D+03	3.536D+03	9.571D-10	2.125D-08	5.571D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (239)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	5	12	12	12	12	12	5	12	12	12	12	12
X MAXIMUM	7.966D+01	-2.804D+03	-1.265D+03	-7.564D+04	3.767D+04	-9.842D+04	7.966D+01	-2.804D+03	-1.265D+03	-7.564D+04	3.514D+04	-9.281D+04
Y	19	13	19	13	19	13	19	13	19	13	19	13
Y MAXIMUM	-1.494D+02	2.784D+02	-2.769D+02	7.584D+03	1.224D+04	9.764D+03	-1.494D+02	2.784D+02	-2.769D+02	7.584D+03	1.168D+04	9.207D+03
Z	5	13	13	13	13	13	5	13	13	13	13	13
Z MAXIMUM	2.663D+01	6.127D+02	2.910D+02	1.669D+04	-9.064D+03	2.149D+04	2.663D+01	6.127D+02	2.910D+02	1.669D+04	-8.482D+03	2.027D+04
GRAND TOTAL	5.451D+02	7.053D+03	3.185D+03	1.881D+05	9.411D+04	2.315D+05	5.451D+02	7.053D+03	3.185D+03	1.881D+05	8.800D+04	2.177D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (240)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	47	47	12	47	47	13	47	47	12	47	47
X MAXIMUM	5.907D+02	2.442D+02	-4.273D+02	-9.843D+03	9.669D+03	8.887D+03	5.907D+02	2.442D+02	-4.273D+02	-9.843D+03	8.814D+03	8.399D+03
Y	19	38	38	47	38	19	19	38	38	47	38	19
Y MAXIMUM	-1.898D+03	1.803D+02	3.770D+02	2.057D+03	-6.543D+03	-1.525D+04	-1.898D+03	1.803D+02	3.770D+02	2.057D+03	-5.789D+03	-1.496D+04
Z	11	13	38	11	38	11	11	13	38	11	11	11
Z MAXIMUM	-2.068D+02	-4.814D+01	7.256D+01	2.746D+03	-1.259D+03	-1.362D+03	-2.068D+02	-4.814D+01	7.256D+01	2.746D+03	-1.254D+03	-1.289D+03
GRAND TOTAL	6.484D+03	1.633D+03	1.727D+03	4.947D+04	4.468D+04	7.072D+04	6.484D+03	1.633D+03	1.727D+03	4.947D+04	4.191D+04	6.866D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (241)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	47	47	47	47	47	47	47	47	47	47	13	1
X MAXIMUM	-9.966D+01	-9.556D+01	-1.916D+02	1.019D-10	1.042D+03	-5.200D+02	-9.966D+01	-9.556D+01	-1.916D+02	1.019D-10	-6.494D-10	6.576D-10
Y	19	19	38	38	38	19	19	19	38	38	47	19
Y MAXIMUM	6.383D+01	7.597D+01	1.522D+02	1.601D-10	-8.280D+02	4.134D+02	6.383D+01	7.597D+01	1.522D+02	1.601D-10	-1.837D-10	-7.722D-10
Z	47	38	38	1	38	38	47	38	38	1	13	1
Z MAXIMUM	-1.272D+01	-1.265D+01	2.928D+01	3.729D-11	-1.594D+02	-6.883D+01	-1.272D+01	-1.265D+01	2.928D+01	3.729D-11	-2.248D-10	2.776D-10
GRAND TOTAL	4.991D+02	5.032D+02	7.234D+02	5.714D-10	3.937D+03	2.739D+03	4.991D+02	5.032D+02	7.234D+02	5.714D-10	2.066D-09	3.357D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (242)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	47	47	12	47	47	13	47	47	12	47	47
X MAXIMUM	5.886D+02	3.415D+02	-6.272D+02	-1.004D+04	8.740D+03	7.882D+03	5.886D+02	3.415D+02	-6.272D+02	-1.004D+04	7.486D+03	7.199D+03
Y	19	38	38	47	38	19	19	38	38	47	47	19
Y MAXIMUM	-1.972D+03	2.501D+02	5.290D+02	1.397D+03	-5.766D+03	-1.455D+04	-1.972D+03	2.501D+02	5.290D+02	1.397D+03	4.749D+03	-1.412D+04
Z	11	13	38	11	11	13	11	13	38	11	11	13
Z MAXIMUM	-2.128D+02	-5.109D+01	1.018D+02	2.775D+03	-1.251D+03	1.270D+03	-2.128D+02	-5.109D+01	1.018D+02	2.775D+03	-1.243D+03	1.372D+03
GRAND TOTAL	6.947D+03	2.150D+03	2.463D+03	4.781D+04	4.170D+04	6.604D+04	6.947D+03	2.150D+03	2.463D+03	4.781D+04	3.765D+04	6.303D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (243)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	12	50	12	12	12	50	12	50	12	50	50
X MAXIMUM	1.183D+01	-3.021D+01	-3.801D+00	2.322D+02	1.686D+01	-2.146D+02	1.183D+01	-3.021D+01	-3.801D+00	2.322D+02	-1.826D+01	4.160D+01

Y	50	19	19	13	19	19	50	19	19	13	19	19
Y MAXIMUM	6.107D+00	-1.229D+01	-4.268D+00	-2.311D+01	-1.817D+01	9.534D+01	6.107D+00	-1.229D+01	-4.268D+00	-2.311D+01	-4.378D+01	1.691D+02
Z	1	13	1	13	11	13	1	13	1	13	1	5
Z MAXIMUM	-3.411D+00	7.343D+00	7.359D-01	-5.087D+01	-3.355D+00	4.116D+01	-3.411D+00	7.343D+00	7.359D-01	-5.087D+01	4.332D+00	-1.136D+01
GRAND TOTAL	3.644D+01	1.176D+02	1.752D+01	7.075D+02	8.695D+01	7.497D+02	3.644D+01	1.176D+02	1.752D+01	7.075D+02	1.654D+02	5.321D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (244)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	50	12	13	12	50	50	50	12	13	13	12
X MAXIMUM	2.752D-01	2.273D-01	1.284D-01	3.397D-14	-8.089D-01	1.432D+00	2.752D-01	2.273D-01	1.284D-01	3.397D-14	6.253D-13	3.411D-13
Y	19	19	47	19	47	19	19	19	47	19	19	19
Y MAXIMUM	1.576D-01	1.552D-01	-5.505D-02	3.197D-14	3.468D-01	9.777D-01	1.576D-01	1.552D-01	-5.505D-02	3.197D-14	-1.019D-13	-7.390D-13
Z	50	50	13	13	13	50	50	50	13	13	13	13
Z MAXIMUM	3.258D-02	2.691D-02	-2.669D-02	1.066D-14	1.681D-01	1.695D-01	3.258D-02	2.691D-02	-2.669D-02	1.066D-14	1.883D-13	-1.137D-13
GRAND TOTAL	1.101D+00	9.446D-01	6.255D-01	1.509D-13	3.941D+00	5.951D+00	1.101D+00	9.446D-01	6.255D-01	1.509D-13	1.874D-12	2.745D-12

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (245)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	12	50	12	50	50	50	12	50	12	50	13
X MAXIMUM	1.160D+01	-3.029D+01	-3.845D+00	2.331D+02	-1.826D+01	4.303D+01	1.160D+01	-3.029D+01	-3.845D+00	2.331D+02	-4.133D+01	-1.504D+02
Y	50	19	19	13	19	19	50	19	19	13	19	19
Y MAXIMUM	5.989D+00	-1.245D+01	-4.312D+00	-2.319D+01	-4.378D+01	1.700D+02	5.989D+00	-1.245D+01	-4.312D+00	-2.319D+01	-6.965D+01	2.447D+02
Z	1	13	1	13	1	5	1	13	1	13	1	13
Z MAXIMUM	-3.412D+00	7.367D+00	7.383D-01	-5.104D+01	4.332D+00	-1.137D+01	-3.412D+00	7.367D+00	7.383D-01	-5.104D+01	8.761D+00	-4.720D+01
GRAND TOTAL	3.578D+01	1.187D+02	1.779D+01	7.103D+02	1.654D+02	5.373D+02	3.578D+01	1.187D+02	1.779D+01	7.103D+02	2.656D+02	1.063D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (246)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	50	12
X MAXIMUM	-2.731D+01	2.074D+01	4.462D+00	-1.976D+02	-3.717D+01	2.376D+02	-2.731D+01	2.074D+01	4.462D+00	-1.976D+02	1.234D+01	1.132D+02
Y	19	19	19	19	19	13	19	19	19	19	19	19
Y MAXIMUM	1.020D+01	-1.757D+01	2.123D+00	1.061D+02	2.742D+01	-2.293D+01	1.020D+01	-1.757D+01	2.123D+00	1.061D+02	4.016D+01	8.254D+01
Z	1	11	1	11	1	13	1	11	1	11	5	13
Z MAXIMUM	-8.658D+00	-5.947D+00	1.488D+00	3.868D+01	-9.713D+00	-5.047D+01	-8.658D+00	-5.947D+00	1.488D+00	3.868D+01	-2.871D+00	-2.937D+01
GRAND TOTAL	1.024D+02	1.163D+02	1.947D+01	7.368D+02	1.575D+02	7.228D+02	1.024D+02	1.163D+02	1.947D+01	7.368D+02	1.441D+02	5.312D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (247)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	50	12	0	12	50	50	50	12	0	12	13
X MAXIMUM	-2.852D-01	2.582D-01	9.363D-02	0.0	-5.898D-01	1.626D+00	-2.852D-01	2.582D-01	9.363D-02	0.0	-5.116D-13	-2.167D-13
Y	50	50	19	0	19	50	50	50	19	0	21	19
Y MAXIMUM	-1.473D-01	1.333D-01	-1.247D-01	0.0	7.858D-01	8.397D-01	-1.473D-01	1.333D-01	-1.247D-01	0.0	-5.684D-13	5.684D-13
Z	50	50	13	0	13	50	50	50	13	0	13	11
Z MAXIMUM	-3.377D-02	3.057D-02	-1.571D-02	0.0	9.894D-02	1.926D-01	-3.377D-02	3.057D-02	-1.571D-02	0.0	1.492D-13	1.172D-13
GRAND TOTAL	1.025D+00	9.181D-01	6.149D-01	0.0	3.874D+00	5.784D+00	1.025D+00	9.181D-01	6.149D-01	0.0	2.375D-12	1.848D-12

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (248)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	50	12	12	12	12	12	13	50
X MAXIMUM	-2.731D+01	2.076D+01	4.369D+00	-1.982D+02	1.234D+01	1.132D+02	-2.731D+01	2.076D+01	4.369D+00	-1.982D+02	-2.331D+01	-1.047D+02
Y	19	19	19	19	19	19	19	19	19	19	19	19
Y MAXIMUM	1.009D+01	-1.771D+01	2.248D+00	1.069D+02	4.016D+01	8.326D+01	1.009D+01	-1.771D+01	2.248D+00	1.069D+02	5.365D+01	1.895D+02
Z	1	11	1	11	5	13	1	11	1	11	1	11
Z MAXIMUM	-8.658D+00	-5.963D+00	1.486D+00	3.878D+01	-2.871D+00	-2.941D+01	-8.658D+00	-5.963D+00	1.486D+00	3.878D+01	8.130D+00	3.624D+01
GRAND TOTAL	1.025D+02	1.172D+02	1.955D+01	7.398D+02	1.441D+02	5.367D+02	1.025D+02	1.172D+02	1.955D+01	7.398D+02	2.248D+02	8.856D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (249)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	50	13	12	8	12	13	50	13	12	8	12
X MAXIMUM	-1.049D+01	2.032D+01	5.104D+00	5.665D+02	-1.419D+02	1.231D+03	-1.049D+01	2.032D+01	5.104D+00	5.665D+02	-1.398D+02	1.139D+03
Y	19	50	19	19	19	19	19	50	19	19	19	21
Y MAXIMUM	1.208D+01	1.049D+01	-9.039D+00	-7.753D+01	-4.709D+02	-1.316D+02	1.208D+01	1.049D+01	-9.039D+00	-7.753D+01	-5.251D+02	-1.215D+02
Z	13	1	13	13	11	1	13	1	13	13	11	1
Z MAXIMUM	-3.292D+00	4.805D+00	1.602D+00	-1.181D+02	-5.986D+01	2.826D+02	-3.292D+00	4.805D+00	1.602D+00	-1.181D+02	-5.689D+01	2.538D+02
GRAND TOTAL	6.254D+01	9.187D+01	4.286D+01	2.017D+03	1.476D+03	3.658D+03	6.254D+01	9.187D+01	4.286D+01	2.017D+03	1.675D+03	3.528D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (250)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	47	50	50	0	50	50	47	50	50	0	8	33
X MAXIMUM	2.306D+00	4.274D+00	-2.305D+01	0.0	1.452D+02	2.693D+01	2.306D+00	4.274D+00	-2.305D+01	0.0	-1.000D-11	-6.537D-12
Y	38	19	50	0	50	19	38	19	50	0	19	19
Y MAXIMUM	3.438D+00	1.470D+01	-1.190D+01	0.0	7.497D+01	9.262D+01	3.438D+00	1.470D+01	-1.190D+01	0.0	-7.788D-12	1.364D-11
Z	38	21	50	0	50	21	38	21	50	0	1	33
Z MAXIMUM	6.618D-01	9.969D-01	-2.729D+00	0.0	1.719D+01	6.280D+00	6.618D-01	9.969D-01	-2.729D+00	0.0	3.581D-12	-1.574D-12
GRAND TOTAL	1.516D+01	5.319D+01	6.303D+01	0.0	3.971D+02	3.351D+02	1.516D+01	5.319D+01	6.303D+01	0.0	6.155D-11	4.471D-11

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (251)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	12	12	8	12	13	12	12	12	13	12
X MAXIMUM	-1.175D+01	2.141D+01	-4.797D+00	5.285D+02	-1.324D+02	1.139D+03	-1.175D+01	2.141D+01	-4.797D+00	5.285D+02	1.365D+02	1.011D+03
Y	19	19	19	21	19	21	19	19	19	21	19	13
Y MAXIMUM	2.702D+01	-6.589D+00	-7.009D+00	-5.641D+01	-4.325D+02	-1.215D+02	2.702D+01	-6.589D+00	-7.009D+00	-5.641D+01	-4.745D+02	-1.009D+02
Z	13	1	13	13	11	1	13	1	13	13	11	1
Z MAXIMUM	-3.687D+00	5.100D+00	1.492D+00	-1.098D+02	-5.370D+01	2.538D+02	-3.687D+00	5.100D+00	1.492D+00	-1.098D+02	-4.961D+01	2.232D+02
GRAND TOTAL	8.864D+01	7.419D+01	3.257D+01	1.802D+03	1.458D+03	3.528D+03	8.864D+01	7.419D+01	3.257D+01	1.802D+03	1.596D+03	3.111D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (252)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	6	8	8	8	8	8	6	8	8
X MAXIMUM	-7.578D+00	-1.175D+01	-2.142D+01	-2.092D-11	1.006D+02	-5.519D+01	-7.578D+00	-1.175D+01	-2.142D+01	-2.092D-11	1.310D-10	5.366D-11
Y	27	40	27	6	27	40	27	40	27	6	11	27
Y MAXIMUM	-9.141D-01	-1.380D+00	-1.545D+00	-9.095D-13	7.258D+00	-6.484D+00	-9.141D-01	-1.380D+00	-1.545D+00	-9.095D-13	-1.091D-11	-1.285D-11
Z	8	8	8	8	8	8	8	8	8	8	8	8
Z MAXIMUM	-2.068D+00	-3.205D+00	-5.844D+00	5.457D-12	2.745D+01	-1.506D+01	-2.068D+00	-3.205D+00	-5.844D+00	5.457D-12	4.911D-11	1.035D-11
GRAND TOTAL	2.785D+01	4.385D+01	9.252D+01	6.549D-11	4.346D+02	2.060D+02	2.785D+01	4.385D+01	9.252D+01	6.549D-11	4.921D-10	1.657D-10

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (253)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	20	8	20	8	14	8	20	8	20	8
X MAXIMUM	1.977D+02	7.868D+01	-1.018D+03	-7.888D+03	1.338D+04	-2.798D+03	1.977D+02	7.868D+01	-1.018D+03	-7.888D+03	3.449D+03	-3.565D+03
Y	16	16	16	14	16	14	16	16	16	14	16	31
Y MAXIMUM	8.088D+02	-8.418D+01	5.619D+02	1.531D+03	-7.193D+03	-1.569D+03	8.088D+02	-8.418D+01	5.619D+02	1.531D+03	-1.714D+03	-1.461D+03
Z	26	26	20	8	20	8	26	26	20	8	20	8
Z MAXIMUM	-1.592D+02	3.104D+01	-1.042D+02	-2.152D+03	1.369D+03	-7.633D+02	-1.592D+02	3.104D+01	-1.042D+02	-2.152D+03	3.529D+02	-9.726D+02
GRAND TOTAL	2.178D+03	6.650D+02	3.014D+03	3.044D+04	3.724D+04	1.450D+04	2.178D+03	6.650D+02	3.014D+03	3.044D+04	1.005D+04	1.918D+04

ELEMENT TYPE (B O U N D A R Y) / / / ELEMENT NUMBER (1)

	BDRY-F	BDRY-M
X	10	33
X MAXIMUM	3.681D+03	2.575D+04

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Y                    25          34
Y MAXIMUM   -6.232D+02-2.691D+04
Z                    11          34
Z MAXIMUM    1.873D+03-1.635D+04
GRAND TOTAL 2.175D+04 2.128D+05

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (    2)

                 BDRY-F     BDRY-M
X                     8          33
X MAXIMUM   -4.975D+02 3.391D+04
Y                    34          32
Y MAXIMUM    3.080D+02 1.384D+04
Z                    34           4
Z MAXIMUM    1.872D+02-1.978D+04
GRAND TOTAL 2.947D+03 2.559D+05

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (    3)

                 BDRY-F     BDRY-M
X                    33          10
X MAXIMUM   -6.322D+02 1.646D+05
Y                    34          25
Y MAXIMUM    4.743D+02-2.588D+04
Z                    34          11
Z MAXIMUM    2.882D+02 8.314D+04
GRAND TOTAL 4.159D+03 9.424D+05

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (    4)

                 BDRY-F     BDRY-M
X                    20          20
X MAXIMUM   -1.795D+02-2.212D+03
Y                    16          16
Y MAXIMUM   -3.849D+02-3.640D+03
Z                    26          26
Z MAXIMUM   -1.271D+02-1.279D+03
GRAND TOTAL 1.222D+03 1.261D+04

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (    5)

                 BDRY-F     BDRY-M
X                    14          20
X MAXIMUM   -9.257D+01-6.128D+03
Y                    14          16
Y MAXIMUM   -1.836D+02-1.292D+04
Z                    14          26
Z MAXIMUM   -2.986D+01-4.107D+03
GRAND TOTAL 6.611D+02 4.221D+04

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (    6)

                 BDRY-F     BDRY-M
X                    20           2
X MAXIMUM   -1.895D+02-2.186D+03
Y                    16          16
Y MAXIMUM   -3.879D+02 3.566D+03
Z                    26          26
Z MAXIMUM   -1.250D+02 1.366D+03
GRAND TOTAL 1.261D+03 1.716D+04
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ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   7)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM  -1.796D+03 0.0
Y                   41          0
Y MAXIMUM   6.494D+02 0.0
Z                    8          0
Z MAXIMUM  -4.900D+02 0.0
GRAND TOTAL 8.524D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   8)

                BDRY-F     BDRY-M
X                   10          0
X MAXIMUM   3.581D+03 0.0
Y                   24          0
Y MAXIMUM  -1.174D+03 0.0
Z                   11          0
Z MAXIMUM  -1.869D+03 0.0
GRAND TOTAL 1.613D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   9)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM   6.181D+03 0.0
Y                   15          0
Y MAXIMUM   2.291D+03 0.0
Z                   11          0
Z MAXIMUM   1.837D+03 0.0
GRAND TOTAL 3.667D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  10)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM   7.143D+02 0.0
Y                   27          0
Y MAXIMUM   5.768D+02 0.0
Z                    8          0
Z MAXIMUM   1.949D+02 0.0
GRAND TOTAL 3.354D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  11)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM  -5.139D+03 0.0
Y                   15          0
Y MAXIMUM  -1.322D+03 0.0
Z                   11          0
Z MAXIMUM  -2.190D+03 0.0
GRAND TOTAL 3.001D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  12)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM   2.263D+03 0.0
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Y                    49          0
Y MAXIMUM  -3.958D+02 0.0
Z                     4          0
Z MAXIMUM   8.251D+02 0.0
GRAND TOTAL 8.013D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  13)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM  -3.794D+03 0.0
Y                    15          0
Y MAXIMUM   4.242D+02 0.0
Z                    11          0
Z MAXIMUM   1.511D+03 0.0
GRAND TOTAL 1.785D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  14)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM  -8.170D+03 0.0
Y                    24          0
Y MAXIMUM   5.582D+02 0.0
Z                     8          0
Z MAXIMUM  -2.229D+03 0.0
GRAND TOTAL 2.708D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  15)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM   5.974D+02 0.0
Y                    28          0
Y MAXIMUM  -3.390D+02 0.0
Z                     8          0
Z MAXIMUM   1.630D+02 0.0
GRAND TOTAL 3.040D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  16)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM   1.062D+04 0.0
Y                    24          0
Y MAXIMUM  -4.683D+02 0.0
Z                     4          0
Z MAXIMUM  -3.516D+03 0.0
GRAND TOTAL 2.868D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  17)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM  -4.076D+03 0.0
Y                    31          0
Y MAXIMUM   5.714D+02 0.0
Z                     8          0
Z MAXIMUM  -1.112D+03 0.0
GRAND TOTAL 1.032D+04 0.0
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ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  18)

                BDRY-F     BDRY-M
X                   30          0
X MAXIMUM  -1.377D+02 0.0
Y                   31          0
Y MAXIMUM  -1.066D+03 0.0
Z                    4          0
Z MAXIMUM  -6.978D+01 0.0
GRAND TOTAL 2.037D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  19)

                BDRY-F     BDRY-M
X                   18          0
X MAXIMUM  -1.387D+02 0.0
Y                   31          0
Y MAXIMUM  -9.064D+02 0.0
Z                    4          0
Z MAXIMUM   5.018D+01 0.0
GRAND TOTAL 2.007D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  20)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM   8.514D+02 0.0
Y                   23          0
Y MAXIMUM   2.199D+02 0.0
Z                    4          0
Z MAXIMUM   4.764D+02 0.0
GRAND TOTAL 5.386D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  21)

                BDRY-F     BDRY-M
X                    3          0
X MAXIMUM  -6.500D+02 0.0
Y                   16          0
Y MAXIMUM  -2.095D+03 0.0
Z                    3          0
Z MAXIMUM  -3.604D+02 0.0
GRAND TOTAL 4.912D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  22)

                BDRY-F     BDRY-M
X                   20          0
X MAXIMUM   1.294D+02 0.0
Y                   16          0
Y MAXIMUM  -4.260D+02 0.0
Z                   26          0
Z MAXIMUM   1.381D+02 0.0
GRAND TOTAL 1.808D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  23)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM  -2.799D+02 0.0
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Y                    16          0
Y MAXIMUM    1.022D+03 0.0
Z                    11          0
Z MAXIMUM    8.885D+01 0.0
GRAND TOTAL 2.506D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  24)

                BDRY-F     BDRY-M
X                    18          0
X MAXIMUM    7.479D+02 0.0
Y                    46          0
Y MAXIMUM    4.804D+02 0.0
Z                    18          0
Z MAXIMUM    1.793D+02 0.0
GRAND TOTAL 2.857D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  25)

                BDRY-F     BDRY-M
X                    10          0
X MAXIMUM   -1.373D+03 0.0
Y                    19          0
Y MAXIMUM    6.243D+02 0.0
Z                    11          0
Z MAXIMUM    5.858D+02 0.0
GRAND TOTAL 6.511D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  26)

                BDRY-F     BDRY-M
X                     1          0
X MAXIMUM   -9.039D+02 0.0
Y                    19          0
Y MAXIMUM   -5.006D+02 0.0
Z                     1          0
Z MAXIMUM   -3.924D+02 0.0
GRAND TOTAL 3.162D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  27)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM   -1.389D+03 0.0
Y                    25          0
Y MAXIMUM   -4.763D+02 0.0
Z                    11          0
Z MAXIMUM   -5.464D+02 0.0
GRAND TOTAL 9.531D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  28)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM   -1.119D+03 0.0
Y                    19          0
Y MAXIMUM   -3.280D+03 0.0
Z                    11          0
Z MAXIMUM   -4.207D+02 0.0
GRAND TOTAL 1.128D+04 0.0
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ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  29)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM  -6.868D+02 0.0
Y                   38          0
Y MAXIMUM   6.934D+02 0.0
Z                   11          0
Z MAXIMUM  -2.274D+02 0.0
GRAND TOTAL 5.939D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  30)

                BDRY-F     BDRY-M
X                    1          0
X MAXIMUM  -1.699D+03 0.0
Y                   19          0
Y MAXIMUM  -2.426D+02 0.0
Z                    1          0
Z MAXIMUM  -7.376D+02 0.0
GRAND TOTAL 4.027D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  31)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM  -5.233D+00 0.0
Y                   19          0
Y MAXIMUM  -8.955D+00 0.0
Z                   11          0
Z MAXIMUM  -2.495D+00 0.0
GRAND TOTAL 4.621D+01 0.0

ELEMENT TYPE (8 O U N D A R Y          )   / / /   ELEMENT NUMBER (  32)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM  -8.074D+01 0.0
Y                   19          0
Y MAXIMUM   1.289D+01 0.0
Z                   13          0
Z MAXIMUM   1.655D+01 0.0
GRAND TOTAL 2.813D+02 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  33)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM   2.684D+02 0.0
Y                   41          0
Y MAXIMUM   3.172D+02 0.0
Z                   35          0
Z MAXIMUM   3.931D+02 0.0
GRAND TOTAL 2.153D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  34)

                8DRY-F     BDRY-M
X                    8          0
X MAXIMUM  -2.191D+02 0.0
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Y                    41          0
Y MAXIMUM   -1.261D+02 0.0
Z                    35          0
Z MAXIMUM   -8.023D+01 0.0
GRAND TOTAL 1.331D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )  / / /   ELEMENT NUMBER (  35)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM    3.561D+02 0.0
Y                     2          0
Y MAXIMUM    2.312D+02 0.0
Z                    11          0
Z MAXIMUM   -1.039D+02 0.0
GRAND TOTAL 1.491D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )  / / /   ELEMENT NUMBER (  36)

                BDRY-F     BDRY-M
X                     3          0
X MAXIMUM   -4.658D+02 0.0
Y                    41          0
Y MAXIMUM   -6.979D+01 0.0
Z                     3          0
Z MAXIMUM   -2.583D+02 0.0
GRAND TOTAL 9.105D+02 0.0

ELEMENT TYPE (B O U N D A R Y          )  / / /   ELEMENT NUMBER (  37)

                BDRY-F     BDRY-M
X                     2          0
X MAXIMUM    2.038D+02 0.0
Y                    16          0
Y MAXIMUM    7.169D+02 0.0
Z                    16          0
Z MAXIMUM    6.077D+01 0.0
GRAND TOTAL 1.630D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )  / / /   ELEMENT NUMBER (   1)

                BDRY-F     BDRY-M
X                    10          0
X MAXIMUM    5.987D+00 0.0
Y                    34          0
Y MAXIMUM    1.919D+00 0.0
Z                    11          0
Z MAXIMUM    2.919D+00 0.0
GRAND TOTAL 3.309D+01 0.0

ELEMENT TYPE (B O U N D A R Y          )  / / /   ELEMENT NUMBER (   2)

                BDRY-F     BDRY-M
X                     2          0
X MAXIMUM    5.037D-01 0.0
Y                    14          0
Y MAXIMUM    7.263D-01 0.0
Z                    14          0
Z MAXIMUM    1.181D-01 0.0
GRAND TOTAL 3.962D+00 0.0
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S N U B B E R L O A D S

SNUBBER ID	NODE	FORCE	MOMENT
1	99	4.3263D+04	0.0
2	100	4.7720D+04	0.0
3	12	2.9370D+04	0.0
4	117	3.8390D+03	0.0
5	122	3.9126D+04	0.0
6	132	2.4818D+04	0.0
7	134	3.1628D+04	0.0
8	140	4.3578D+04	0.0
9	150	7.7482D+03	0.0
10	155	5.5432D+04	0.0
11	163	2.9859D+04	0.0
12	164	4.3893D+04	0.0
13	175	1.6612D+03	0.0
14	176	4.5797D+03	0.0
15	180	1.1065D+03	0.0
16	186	2.7154D+03	0.0
17	187	2.7327D+03	0.0
18	188	2.0828D+03	0.0
19	252	9.3031D+03	0.0
20	207	1.0793D+03	0.0

R. M. S. T I M E L O G

COMPUTE MAXIMUM NODAL DISPLACEMENTS	=	1.26
OUTPUT MAXIMUM NODAL DISPLACEMENTS	=	7.43
COMPUTE ELEMENT STRESSES	=	45.64
TOTAL FOR SPECTRUM ANALYSIS	=	54.32

O V E R A L L T I M E L O G

NODAL POINT INPUT	=	4.69
ELEMENT STIFFNESS FORMATION	=	-5.18
NODAL LOAD INPUT	=	1.38
TOTAL STIFFNESS FORMATION	=	2.22
STATIC ANALYSIS	=	0.0
EIGENVALUE EXTRACTION	=	350.51
STRUCTURE PLOTTING	=	0.0
FORCED RESPONSE ANALYSIS	=	0.0
RESPONSE SPECTRUM ANALYSIS	=	54.32
STEP-BY-STEP INTEGRATION	=	0.0
FREQUENCY RESPONSE ANALYSIS	=	0.0
TOTAL SOLUTION TIME	=	407.94

C O D E S T R E S S A N A L Y S I S

LOAD CASE 1 IS A DEAD WT LOADING

LOAD CASE 2 IS A THERMAL LOADING

LOAD CASE 3 IS A SEISMIC LOADING

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG
1	1 - 93	I*= 0.500	4794.52	595.9	2993.2	16583.	305:	D(1)
	(300.)	I= 1.000	4794.52	132.3	2529.6	16583.	305:	D(1)
2	93 - 94	I*= 0.500	4794.52	132.3	2529.6	16583.	305:	D(1)
	(300.)	I= 1.000	4794.52	236.5	2633.7	16583.	305:	D(1)
3	94 - 2	I*= 0.500	4794.52	236.5	2633.7	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	251.4	2648.6	16583.	305:	D(1)
4	2 - 3	I*= 0.500	4794.52	251.4	3047.3	16583.	305.	D(1)
	(300.)	I= 2.586	4794.52	234.6	3004.0	16583.	305:	D(1)
			4794.52	226.5	2983.1	16583.	305:	D(1)
5	3 - 4	I*= 0.500	4794.52	226.5	2623.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	239.2	2636.5	16583.	305:	D(1)
6	4 - 5	I*= 0.500	4794.52	239.2	2869.4	16583.	305:	D(1)
	(300.)	I= 1.973	4794.52	245.2	2881.2	16583.	305.	D(1)
			4794.52	257.3	2905.1	16583.	305:	D(1)
7	5 - 95	I*= 0.500	4794.52	257.3	2905.1	16583.	305.	D(1)
	(300.)	I= 1.973	4794.52	292.1	2973.7	16583.	305:	D(1)
			4794.52	361.3	3110.3	16583.	305:	D(1)
8	95 - 6	I*= 0.500	4794.52	361.3	2758.5	16583.	305:	D(1)
	(300.)	I= 1.000	4794.52	497.4	2894.7	16583.	305:	D(1)
9	6 - 96	I*= 0.500	3549.11	2699.3	4473.9	16583.	305:	D(1)
	(300.)	I= 1.000	3549.11	1271.4	3045.9	16583.	305:	D(1)
10	6 - 97	I*= 0.500	4794.52	429.2	2826.4	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	848.3	3245.6	16583.	305.	D(1)
11	97 - 98	I*= 0.500	4794.52	848.3	3245.6	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	1197.1	3594.4	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
12	98 - 7	I*= 0.500	4794.52	1197.1	3594.4	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	466.6	2863.9	16583.	305.	D(1)
13	7 - 8	I*= 0.500	4794.52	466.6	2863.9	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	432.7	2830.0	16583.	305.	D(1)
			4794.52	599.6	2996.8	16583.	305.	D(1)
14	8 - 99	I*= 0.500	4794.52	599.6	2996.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	336.0	2733.2	16583.	305.	D(1)
15	99 - 100	I*= 0.500	4794.52	336.0	2733.2	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	262.7	2660.0	16583.	305.	D(1)
16	100 - 101	I*= 0.500	4794.52	262.7	2660.0	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	770.3	3167.6	16583.	305.	D(1)
17	101 - 9	I*= 0.500	4794.52	770.3	3167.6	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	1016.2	3413.5	16583.	305.	D(1)
18	9 - 103	I*= 0.500	4417.81	432.7	2641.6	16583.	305.	D(1)
	(300.)	I= 1.000	4417.81	457.9	2666.8	16583.	305.	D(1)
19	9 - 102	I*= 0.500	4794.52	805.6	3202.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	1367.3	3764.5	16583.	305.	D(1)
20	102 - 10	I*= 0.500	4794.52	1367.3	3764.5	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	1739.2	4136.5	16583.	305.	D(1)
21	10 - 11	I*= 0.500	4794.52	1739.2	4136.5	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	496.4	2893.7	16583.	305.	D(1)
			4794.52	1919.0	4316.3	16583.	305.	D(1)
22	11 - 104	I*= 0.500	4794.52	1919.0	4316.3	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	2049.4	4446.7	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG
23	107 - 12	B1= 0.500	1493.60	303.5	1050.3	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	567.2	1314.0	29906.	305:	D(1)
24	12 - 13	B1= 1.000	1493.60	567.2	2503.3	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	402.9	2210.9	29906.	305:	D(1)
			1493.60	311.2	2047.7	29906.	305:	D(1)
25	13 - 108	B1= 0.500	1493.60	311.2	1058.0	29906.	305:	D(1)
	(300.)	B2= 1.000	1493.60	303.4	1050.2	29906.	305:	D(1)
26	108 - 109	B1= 0.500	1198.63	1927.0	2526.3	29906.	305:	D(1)
	(300.)	B2= 1.000	1198.63	1072.7	1672.1	29906.	305:	D(1)
27	109 - 110	B1= 0.500	1198.63	1072.7	1672.1	29906.	305:	D(1)
	(300.)	B2= 1.000	1198.63	727.7	1327.0	29906.	305:	D(1)
28	110 - 111	B1= 0.500	1198.63	727.7	1327.0	29906.	305:	D(1)
	(300.)	B2= 1.000	1198.63	300.2	899.6	29906.	305:	D(1)
29	114 - 115	I*= 0.500	1198.63	532.8	1132.1	19938.	305:	D(1)
	(300.)	I= 1.000	1198.63	385.8	985.1	19938.	305:	D(1)
30	115 - 116	I*= 0.500	1198.63	385.8	985.1	19938.	305:	D(1)
	(300.)	I= 1.000	1198.63	190.5	789.8	19938.	305:	D(1)
31	116 - 117	I*= 0.500	1198.63	202.1	801.4	19938.	305:	D(1)
	(300.)	I= 1.000	1198.63	18.0	617.4	19938.	305:	D(1)
32	116 - 118	I*= 0.500	789.00	176.0	570.5	19938.	305:	D(1)
	(300.)	I= 1.000	789.00	176.0	570.5	19938.	305:	D(1)
33	117 - 119	I*= 0.500	1198.63	18.0	617.4	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	0.0	599.3	19938.	305.	D(1)
34	118 - 120	I*= 0.500	789.00	176.0	570.5	19938.	305.	D(1)
	(300.)	I= 1.000	789.00	176.0	570.5	19938.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
35	108 - 122	B1= 0.500	1493.60	269.8	1016.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	269.8	1016.6	29906.	305.	D(1)
36	122 - 123	B1= 0.500	1493.60	269.8	1016.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	392.6	1139.4	29906.	305.	D(1)
37	123 - 124	B1= 0.500	1493.60	392.6	1139.4	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	796.5	1543.3	29906.	305.	D(1)
38	124 - 125	B1= 0.500	1493.60	796.5	1543.3	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	851.0	1597.8	29906.	305.	D(1)
39	128 - 129	B1= 0.500	1493.60	243.3	990.1	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	188.2	935.0	29906.	305.	D(1)
40	129 - 14	B1= 0.500	1493.60	188.2	935.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	498.4	1245.2	29906.	305.	D(1)
41	14 - 130	B1= 0.500	1493.60	377.8	1124.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	563.0	1309.8	29906.	305.	D(1)
42	14 - 131	B1= 0.500	1493.60	137.2	884.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	104.7	851.5	29906.	305.	D(1)
43	131 - 15	B1= 0.500	1493.60	104.7	851.5	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	122.0	868.8	29906.	305.	D(1)
44	15 - 16	B1= 1.000	1493.60	122.0	1710.7	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	127.4	1720.3	29906.	305.	D(1)
			1493.60	222.2	1889.2	29906.	305.	D(1)
45	16 - 132	B1= 0.500	1493.60	222.2	969.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	347.8	1094.6	29906.	305.	D(1)
46	132 - 17	B1= 0.500	1493.60	347.8	1094.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	119.1	865.9	29906.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
47	17 - 18	B1= 1.000	1493.60	119.1	1705.5	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	119.8	1706.9	29906.	305.	D(1)
			1493.60	112.2	1693.3	29906.	305.	D(1)
48	18 - 19	B1= 0.500	1493.60	112.2	859.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	79.0	825.8	29906.	305.	D(1)
49	19 - 20	B1= 1.000	1493.60	79.0	1634.2	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	57.0	1595.0	29906.	305.	D(1)
			1493.60	40.5	1565.7	29906.	305.	D(1)
50	20 - 133	B1= 0.500	1493.60	40.5	787.3	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	113.4	860.2	29906.	305.	D(1)
51	133 - 21	B1= 0.500	1493.60	113.4	860.2	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	88.1	834.9	29906.	305.	D(1)
52	21 - 22	B1= 1.000	1493.60	88.1	1650.4	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	100.6	1672.7	29906.	305.	D(1)
			1493.60	93.4	1659.8	29906.	305.	D(1)
53	22 - 23	B1= 0.500	1493.60	93.4	840.2	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	104.3	851.1	29906.	305.	D(1)
54	24 - 195	I*= 0.500	4794.52	904.9	3302.2	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	339.1	2736.3	16583.	305.	D(1)
55	195 - 194	I*= 0.500	4794.52	339.1	2736.3	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	100.2	2497.4	16583.	305.	D(1)
56	194 - 25	I*= 0.500	4794.52	100.2	2497.4	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	184.3	2581.5	16583.	305.	D(1)
57	25 - 26	I*= 0.500	4794.52	184.3	2760.9	16583.	305.	D(1)
	(300.)	I= 1.973	4794.52	201.3	2794.4	16583.	305.	D(1)
			4794.52	172.0	2736.7	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG
58	26 - 27	I*= 0.500	4794.52	172.0	2569.3	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	153.9	2551.1	16583.	305.	D(1)
59	27 - 28	I*= 0.500	4794.52	153.9	2701.0	16583.	305.	D(1)
	(300.)	I= 1.973	4794.52	118.0	2630.1	16583.	305.	D(1)
			4794.52	170.7	2734.2	16583.	305.	D(1)
60	28 - 29	I*= 0.500	4794.52	170.7	2568.0	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	285.1	2682.3	16583.	305.	D(1)
61	29 - 193	I*= 0.500	3549.11	572.6	2347.2	16583.	305.	D(1)
	(300.)	I= 1.000	3549.11	450.6	2225.1	16583.	305.	D(1)
62	29 - 192	I*= 0.500	4794.52	239.5	2636.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	635.9	3033.1	16583.	305.	D(1)
63	192 - 191	I*= 0.500	4794.52	635.9	3033.1	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	882.4	3279.6	16583.	305.	D(1)
64	191 - 190	I*= 0.500	4794.52	882.4	3279.6	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	655.3	3052.5	16583.	305.	D(1)
65	190 - 30	I*= 0.500	4794.52	655.3	3052.5	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	525.3	2922.6	16583.	305.	D(1)
66	30 - 165	I*= 0.500	4794.52	525.3	2922.6	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	628.9	3026.1	16583.	305.	D(1)
			4794.52	553.7	2950.9	16583.	305.	D(1)
67	165 - 164	I*= 0.500	4794.52	553.7	2950.9	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	300.2	2697.5	16583.	305.	D(1)
			4794.52	230.6	2627.8	16583.	305.	D(1)
68	164 - 163	I*= 0.500	4794.52	230.6	2627.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	320.1	2717.4	16583.	305.	D(1)
			4794.52	421.5	2818.8	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
69	163 - 162	I*= 0.500	4794.52	421.5	2818.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	581.6	2978.9	16583.	305.	D(1)
			4794.52	756.7	3154.0	16583.	305.	D(1)
70	162 - 161	I*= 0.500	4794.52	756.7	3154.0	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	260.8	2658.0	16583.	305.	D(1)
			4794.52	125.2	2522.5	16583.	305.	D(1)
71	161 - 160	I*= 0.500	4794.52	125.2	2522.5	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	167.5	2564.8	16583.	305.	D(1)
			4794.52	439.4	2836.7	16583.	305.	D(1)
72	31 - 159	I*= 0.500	4794.52	325.1	2722.4	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	652.1	3049.4	16583.	305.	D(1)
73	156 - 155	B1= 0.500	1493.60	633.2	1380.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	113.3	860.1	29906.	305.	D(1)
74	155 - 32	B1= 0.500	1493.60	113.3	860.1	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	107.3	854.1	29906.	305.	D(1)
75	32 - 33	B1= 1.000	1493.60	107.3	1684.5	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	106.0	1682.3	29906.	305.	D(1)
			1493.60	174.1	1803.6	29906.	305.	D(1)
76	33 - 141	B1= 0.500	1493.60	174.1	920.9	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	225.9	972.7	29906.	305.	D(1)
77	141 - 142	B1= 0.500	1198.63	1483.9	2083.2	29906.	305.	D(1)
	(300.)	B2= 1.000	1198.63	679.3	1278.6	29906.	305.	D(1)
78	142 - 143	B1= 0.500	1198.63	679.3	1278.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1198.63	356.0	955.3	29906.	305.	D(1)
79	143 - 144	B1= 0.500	1198.63	356.0	955.3	29906.	305.	D(1)
	(300.)	B2= 1.000	1198.63	250.7	850.0	29906.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
80	147 - 14B	I*= 0.500	1198.63	609.9	1209.2	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	441.3	1040.6	19938.	305.	D(1)
81	148 - 149	I*= 0.500	1198.63	441.3	1040.6	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	218.2	817.5	19938.	305.	D(1)
82	149 - 150	I*= 0.500	1198.63	229.9	829.2	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	18.0	617.4	19938.	305.	D(1)
83	149 - 151	I*= 0.500	789.00	176.0	570.5	19938.	305.	D(1)
	(300.)	I= 1.000	789.00	176.0	570.5	19938.	305.	D(1)
84	150 - 152	I*= 0.500	1198.63	18.0	617.4	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	0.0	599.3	19938.	305.	D(1)
85	151 - 153	I*= 0.500	789.00	176.0	570.5	19938.	305.	D(1)
	(300.)	I= 1.000	789.00	176.0	570.5	19938.	305.	D(1)
86	141 - 140	B1= 0.500	1493.60	223.8	970.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	342.6	1089.4	29906.	305.	D(1)
87	140 - 139	B1= 0.500	1493.60	342.6	1089.4	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	210.2	957.0	29906.	305.	D(1)
88	139 - 34	B1= 0.500	1493.60	210.2	957.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	435.7	1182.5	29906.	305.	D(1)
89	34 - 35	B1= 1.000	1493.60	435.7	2269.2	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	451.6	2297.5	29906.	305.	D(1)
			1493.60	457.7	2308.5	29906.	305.	D(1)
90	35 - 138	B1= 0.500	1493.60	457.7	1204.5	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	457.2	1204.0	29906.	305.	D(1)
91	135 - 134	B1= 0.500	1493.60	707.0	1453.8	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	1293.2	2040.0	29906.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
92	134 - 130	B1= 0.500	1493.60	1293.2	2040.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	563.0	1309.8	29906.	305.	D(1)
93	96 - 36	I*= 0.500	3549.11	1271.4	3045.9	16583.	305.	D(1)
	(300.)	I= 1.000	3549.11	390.0	2164.5	16583.	305.	D(1)
94	36 - 37	I*= 0.500	3549.11	390.0	2437.2	16583.	305.	D(1)
	(300.)	I= 1.699	3549.11	556.0	2719.3	16583.	305.	D(1)
			3549.11	866.3	3246.6	16583.	305.	D(1)
95	37 - 166	I*= 0.500	3549.11	866.3	2640.9	16583.	305.	D(1)
	(300.)	I= 1.000	3549.11	736.3	2510.9	16583.	305.	D(1)
96	168 - 169	I*= 0.500	0.0	676.3	676.3	17133.	213.	D(1)
	(0.)	I= 1.000	0.0	601.1	601.1	17133.	213.	D(1)
97	169 - 170	I*= 0.500	0.0	601.1	601.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	498.1	498.1	17696.	120.	D(1)
98	170 - 171	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
99	171 - 172	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
100	172 - 173	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
101	173 - 174	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
102	170 - 175	I*= 0.500	0.0	498.1	498.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	496.9	496.9	17696.	120.	D(1)
103	175 - 39	I*= 0.500	0.0	496.9	496.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	496.4	496.4	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
104	39 - 40	I*= 0.500	0.0	496.4	843.5	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	513.5	872.5	17696.	120.	D(1)
			0.0	553.0	939.7	17696.	120.	D(1)
105	40 - 176	I*= 0.500	0.0	553.0	553.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	571.6	571.6	17696.	120.	D(1)
106	176 - 41	I*= 0.500	0.0	571.6	571.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	581.1	581.1	17696.	120.	D(1)
107	41 - 42	I*= 0.500	0.0	581.1	987.3	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	571.0	970.3	17696.	120.	D(1)
			0.0	507.4	862.2	17696.	120.	D(1)
108	42 - 43	I*= 0.500	0.0	507.4	507.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	317.8	317.8	17696.	120.	D(1)
109	43 - 44	I*= 0.500	0.0	317.8	540.0	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	229.7	390.3	17696.	120.	D(1)
			0.0	113.0	191.9	17696.	120.	D(1)
110	44 - 177	I*= 0.500	0.0	113.0	113.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1565.4	1565.4	17696.	120.	D(1)
111	177 - 178	I*= 0.500	0.0	1565.4	1565.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	422.1	422.1	17696.	120.	D(1)
112	178 - 45	I*= 0.500	0.0	422.1	422.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	809.4	809.4	17696.	120.	D(1)
113	45 - 46	I*= 0.500	0.0	809.4	1375.4	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	802.1	1362.9	17696.	120.	D(1)
			0.0	794.3	1349.7	17696.	120.	D(1)
114	46 - 179	I*= 0.500	0.0	794.3	794.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1679.1	1679.1	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
115	179 - 180	I*= 0.500	0.0	1679.1	1679.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	498.3	498.3	17696.	120.	D(1)
116	180 - 181	I*= 0.500	0.0	498.3	498.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	459.4	459.4	17696.	120.	D(1)
117	181 - 182	I*= 0.500	0.0	459.4	459.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1682.8	1682.8	17696.	120.	D(1)
118	182 - 183	I*= 0.500	0.0	478.1	478.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	554.4	554.4	17696.	120.	D(1)
119	183 - 59	I*= 0.500	0.0	554.4	554.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	660.9	660.9	17696.	120.	D(1)
120	59 - 184	I*= 0.500	0.0	342.8	342.8	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	310.6	310.6	17696.	120.	D(1)
121	59 - 185	I*= 0.500	0.0	567.1	567.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	374.2	374.2	17696.	120.	D(1)
122	185 - 47	I*= 0.500	0.0	374.2	374.2	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	104.3	104.3	17696.	120.	D(1)
123	47 - 48	I*= 0.500	0.0	104.3	203.8	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	33.4	65.2	17696.	120.	D(1)
			0.0	45.3	88.5	17696.	120.	D(1)
124	48 - 186	I*= 0.500	0.0	45.3	45.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	766.3	766.3	17696.	120.	D(1)
125	186 - 187	I*= 0.500	0.0	766.3	766.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	761.9	761.9	17696.	120.	D(1)
126	187 - 188	I*= 0.500	0.0	761.9	761.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	736.4	736.4	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
127	188 - 49	I*= 0.500	0.0	736.4	736.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	52.1	52.1	17696.	120.	D(1)
128	49 - 50	I*= 0.500	0.0	52.1	101.8	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	210.2	410.6	17696.	120.	D(1)
			0.0	428.6	837.4	17696.	120.	D(1)
129	50 - 189	I*= 0.500	0.0	428.6	428.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	483.1	483.1	17696.	120.	D(1)
130	51 - 52	I*= 0.500	0.0	431.8	843.6	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	300.3	586.7	17696.	120.	D(1)
			0.0	275.9	539.2	17696.	120.	D(1)
131	52 - 53	I*= 0.500	0.0	275.9	275.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	275.4	275.4	17696.	120.	D(1)
132	184 - 58	I*= 0.500	0.0	310.6	310.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	322.3	322.3	17696.	120.	D(1)
133	58 - 57	I*= 0.500	0.0	322.3	547.7	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	240.5	408.7	17696.	120.	D(1)
			0.0	1052.1	1787.6	17696.	120.	D(1)
134	57 - 208	I*= 0.500	0.0	1052.1	1052.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1778.9	1778.9	17696.	120.	D(1)
135	208 - 207	I*= 0.500	0.0	1778.9	1778.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	641.7	641.7	17696.	120.	D(1)
136	207 - 206	I*= 0.500	0.0	641.7	641.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	661.6	661.6	17696.	120.	D(1)
137	206 - 205	I*= 0.500	0.0	442.2	442.2	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	238.4	238.4	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
138	205 - 204	I*= 0.500	0.0	238.4	238.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	222.1	222.1	17696.	120.	D(1)
139	204 - 203	I*= 0.500	0.0	222.1	222.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	86.7	86.7	17696.	120.	D(1)
140	203 - 202	I*= 0.500	0.0	86.7	86.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	132.9	132.9	17696.	120.	D(1)
			0.0	42.5	42.5	17696.	120.	D(1)
141	202 - 201	I*= 0.500	0.0	42.5	42.5	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	171.4	171.4	17696.	120.	D(1)
142	201 - 200	I*= 0.500	0.0	171.4	171.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	408.1	408.1	17696.	120.	D(1)
143	200 - 199	I*= 0.500	0.0	495.5	495.5	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	259.0	259.0	17696.	120.	D(1)
144	199 - 56	I*= 0.500	0.0	259.0	259.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	212.2	212.2	17696.	120.	D(1)
145	56 - 55	I*= 0.500	0.0	212.2	360.6	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	259.3	440.6	17696.	120.	D(1)
			0.0	276.1	469.2	17696.	120.	D(1)
146	55 - 252	I*= 0.500	0.0	276.1	276.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	573.5	573.5	17696.	120.	D(1)
147	196 - 193	I*= 0.500	3549.11	1090.0	2864.5	16583.	305.	D(1)
	(300.)	I= 1.000	3549.11	450.6	2225.1	16583.	305.	D(1)
148	103 - 60	I*= 0.500	4417.81	457.9	2666.8	16583.	305.	D(1)
	(300.)	I= 1.000	4417.81	487.8	2696.7	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
149	60 - 61	I*= 0.500	4417.81	487.8	3162.0	16583.	305.	D(1)
	(300.)	I= 1.954	4417.81	317.9	2830.1	16583.	305.	D(1)
			4417.81	231.6	2661.3	16583.	305.	D(1)
150	61 - 209	I*= 0.500	4417.81	231.6	2440.5	16583.	305.	D(1)
	(300.)	I= 1.000	4417.81	960.4	3169.3	16583.	305.	D(1)
151	212 - 213	I*= 0.500	0.0	1070.4	1070.4	17133.	213.	D(1)
	(0.)	I= 1.000	0.0	203.3	203.3	17133.	213.	D(1)
152	213 - 62	I*= 0.500	0.0	203.3	203.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	129.1	129.1	17696.	120.	D(1)
153	62 - 63	I*= 0.500	0.0	129.1	252.2	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	85.5	167.1	17696.	120.	D(1)
			0.0	84.1	164.3	17696.	120.	D(1)
154	63 - 64	I*= 0.500	0.0	84.1	84.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	98.8	98.8	17696.	120.	D(1)
155	64 - 65	I*= 0.500	0.0	98.8	193.1	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	108.8	212.5	17696.	120.	D(1)
			0.0	154.0	300.9	17696.	120.	D(1)
156	65 - 66	I*= 0.500	0.0	154.0	154.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	205.3	205.3	17696.	120.	D(1)
157	66 - 67	I*= 0.500	0.0	205.3	401.2	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	288.2	563.1	17696.	120.	D(1)
			0.0	506.1	988.8	17696.	120.	D(1)
158	67 - 214	I*= 0.500	0.0	506.1	506.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	573.2	573.2	17696.	120.	D(1)
159	214 - 68	I*= 0.500	0.0	573.2	573.2	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	217.5	217.5	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	0.0	217.5	424.9	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	190.7	372.6	17696.	120.	D(1)
			0.0	165.3	323.0	17696.	120.	D(1)
161	69 - 215	I*= 0.500	0.0	165.3	165.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	498.7	498.7	17696.	120.	D(1)
162	215 - 70	I*= 0.500	0.0	498.7	498.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	700.0	700.0	17696.	120.	D(1)
163	70 - 216	I*= 0.500	0.0	663.8	663.8	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1263.6	1263.6	17696.	120.	D(1)
164	70 - 217	I*= 0.500	0.0	734.4	734.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	343.9	343.9	17696.	120.	D(1)
165	217 - 71	I*= 0.500	0.0	343.9	738.2	17696.	120.	D(1)
	(0.)	I= 2.147	0.0	241.9	519.3	17696.	120.	D(1)
			0.0	359.9	772.5	17696.	120.	D(1)
166	71 - 72	I*= 0.500	0.0	359.9	772.5	17696.	120.	D(1)
	(0.)	I= 2.147	0.0	468.6	1005.9	17696.	120.	D(1)
			0.0	488.7	1049.2	17696.	120.	D(1)
167	72 - 218	I*= 0.500	0.0	488.7	488.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	463.8	463.8	17696.	120.	D(1)
168	218 - 219	I*= 0.500	0.0	463.8	463.8	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	192.1	192.1	17696.	120.	D(1)
169	222 - 223	I*= 0.500	0.0	215.4	215.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	163.0	163.0	17696.	120.	D(1)
170	226 - 73	I*= 0.500	0.0	186.7	186.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	173.5	173.5	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
171	73 - 74	I*= 0.500	0.0	173.5	372.5	17696.	120.	D(1)
	(0.)	I= 2.147	0.0	130.6	280.3	17696.	120.	D(1)
			0.0	85.5	183.5	17696.	120.	D(1)
172	74 - 227	I*= 0.500	0.0	85.5	85.5	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	176.4	176.4	17696.	120.	D(1)
173	227 - 75	I*= 0.500	0.0	176.4	176.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1211.3	1211.3	17696.	120.	D(1)
174	216 - 228	I*= 0.500	0.0	1263.6	1263.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	2152.7	2152.7	17696.	120.	D(1)
175	228 - 76	I*= 0.500	0.0	2152.7	2152.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1702.0	1702.0	17696.	120.	D(1)
176	76 - 77	I*= 0.500	0.0	1694.3	1694.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	584.7	584.7	17696	120.	D(1)
177	77 - 78	I*= 0.500	0.0	584.7	1255.3	17696.	120.	D(1)
	(0.)	I= 2.147	0.0	183.6	394.1	17696.	120.	D(1)
			0.0	289.4	621.3	17696.	120.	D(1)
178	78 - 231	I*= 0.500	0.0	289.4	289.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	298.5	298.5	17696.	120.	D(1)
179	231 - 232	I*= 0.500	0.0	298.5	298.5	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	173.9	173.9	17696.	120.	D(1)
180	235 - 79	I*= 0.500	0.0	135.7	135.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	141.9	141.9	17696.	120.	D(1)
181	79 - 80	I*= 0.500	0.0	141.9	304.7	17696.	120.	D(1)
	(0.)	I= 2.147	0.0	59.7	128.1	17696.	120.	D(1)
			0.0	293.1	629.2	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
182	80 - 81	I*= 0.500	0.0	293.1	293.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	653.1	653.1	17696.	120.	D(1)
183	76 - 229	I*= 0.500	0.0	346.7	346.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	327.3	327.3	17696.	120.	D(1)
184	229 - 230	I*= 0.500	0.0	327.3	327.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	315.4	315.4	17696.	120.	D(1)
185	230 - 236	I*= 0.500	0.0	315.4	315.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	185.8	185.8	17696.	120.	D(1)
186	236 - 237	I*= 0.500	0.0	185.8	185.8	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	186.0	186.0	17696.	120.	D(1)
187	240 - 82	I*= 0.500	0.0	197.9	197.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	196.9	196.9	17696.	120.	D(1)
188	82 - 83	I*= 0.500	0.0	196.9	288.3	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	171.0	250.4	17696.	120.	D(1)
			0.0	125.6	183.8	17696.	120.	D(1)
189	83 - 84	I*= 0.500	0.0	125.6	125.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	80.4	80.4	17696.	120.	D(1)
190	84 - 85	I*= 0.500	0.0	80.4	117.7	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	83.8	122.7	17696.	120.	D(1)
			0.0	78.8	115.3	17696.	120.	D(1)
191	85 - 241	I*= 0.500	0.0	78.8	78.8	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	66.1	66.1	17696.	120.	D(1)
192	241 - 86	I*= 0.500	0.0	66.1	66.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	71.8	71.8	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
193	86 - 242	I*= 0.500	0.0	147.7	147.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	118.8	118.8	17696.	120.	D(1)
194	86 - 243	I*= 0.500	0.0	96.0	96.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	82.6	82.6	17696.	120.	D(1)
195	242 - 87	I*= 0.500	0.0	118.8	174.0	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	105.8	155.0	17696.	120.	D(1)
			0.0	89.8	131.5	17696.	120.	D(1)
196	87 - 88	I*= 0.500	0.0	89.8	131.5	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	73.4	107.5	17696.	120.	D(1)
			0.0	62.2	91.1	17696.	120.	D(1)
197	88 - 244	I*= 0.500	0.0	62.2	62.2	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	62.6	62.6	17696.	120.	D(1)
198	247 - 89	I*= 0.500	0.0	619.9	619.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	783.5	783.5	17696.	120.	D(1)
199	243 - 90	I*= 0.500	0.0	82.6	121.0	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	78.5	115.0	17696.	120.	D(1)
			0.0	72.8	106.5	17696.	120.	D(1)
200	90 - 91	I*= 0.500	0.0	72.8	106.5	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	66.1	96.8	17696.	120.	D(1)
			0.0	60.3	88.3	17696.	120.	D(1)
201	91 - 248	I*= 0.500	0.0	60.3	60.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	60.0	60.0	17696.	120.	D(1)
202	251 - 92	I*= 0.500	0.0	552.3	552.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	705.4	705.4	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
203	160 - 31	I*= 0.500	4794.52	439.4	2836.7	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	141.6	2538.8	16583.	305.	D(1)
			4794.52	325.1	2722.4	16583.	305.	D(1)
204	189 - 51	I*= 0.500	0.0	483.1	483.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	431.8	431.8	17696.	120.	D(1)
205	200 - 206	I*= 0.500	0.0	489.4	489.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	654.9	654.9	17696.	120.	D(1)
206	104 - 105	B1= 0.500	0.0	532.0	532.0	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	607.5	607.5	29906.	305.	D(1)
207	105 - 106	B1= 0.500	0.0	59.8	59.8	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
208	105 - 107	B1= 0.500	0.0	621.2	621.2	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	204.8	204.8	29906.	305.	D(1)
209	111 - 112	B1= 0.500	0.0	175.0	175.0	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	383.4	383.4	29906.	305.	D(1)
210	112 - 113	B1= 0.500	0.0	225.2	225.2	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
211	112 - 114	B1= 0.500	0.0	501.4	501.4	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	310.6	310.6	29906.	305.	D(1)
212	125 - 126	B1= 0.500	0.0	574.3	574.3	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	638.1	638.1	29906.	305.	D(1)
213	126 - 127	B1= 0.500	0.0	59.8	59.8	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
214	126 - 128	B1= 0.500	0.0	624.3	624.3	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	164.2	164.2	29906.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
215	135 - 136	B1= 0.500	0.0	477.1	477.1	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	303.8	303.8	29906.	305.	D(1)
216	136 - 137	B1= 0.500	0.0	59.8	59.8	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
217	136 - 138	B1= 0.500	0.0	299.4	299.4	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	308.6	308.6	29906.	305.	D(1)
218	144 - 145	B1= 0.500	0.0	146.1	146.1	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	505.2	505.2	29906.	305.	D(1)
219	145 - 146	B1= 0.500	0.0	115.9	115.9	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
220	145 - 147	B1= 0.500	0.0	575.1	575.1	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	355.5	355.5	29906.	305.	D(1)
221	153 - 154	I*= 0.500	0.0	56.0	56.0	19938.	305.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	19938.	305.	D(1)
222	156 - 157	B1= 0.500	0.0	427.3	427.3	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	583.9	583.9	29906.	305.	D(1)
223	157 - 158	B1= 0.500	0.0	59.8	59.8	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
224	157 - 159	B1= 0.500	0.0	581.7	581.7	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	169.3	169.3	29906.	305.	D(1)
225	166 - 38	I*= 0.500	1421.70	162.1	873.0	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	177.5	888.3	16583.	305.	D(1)
226	38 - 167	I*= 0.500	1421.70	6.8	717.7	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	0.0	710.9	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
227	38 - 168	I*= 0.500	1421.70	172.1	883.0	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	148.9	859.8	16583.	305.	D(1)
228	198 - 54	I*= 0.500	1421.70	192.2	903.1	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	254.4	965.3	16583.	305.	D(1)
229	54 - 197	I*= 0.500	1421.70	6.8	717.7	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	0.0	710.9	16583.	305.	D(1)
230	54 - 196	I*= 0.500	1421.70	261.1	972.0	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	240.0	950.9	16583.	305.	D(1)
231	209 - 210	I*= 0.500	1459.92	234.6	964.6	16583.	305.	D(1)
	(300.)	I= 1.000	1459.92	319.3	1049.3	16583.	305.	D(1)
232	210 - 211	I*= 0.500	1459.92	12.4	742.4	16583.	305.	D(1)
	(300.)	I= 1.000	1459.92	0.0	730.0	16583.	305.	D(1)
233	210 - 212	I*= 0.500	1459.92	318.3	1048.3	16583.	305.	D(1)
	(300.)	I= 1.000	1459.92	261.5	991.5	16583.	305.	D(1)
234	219 - 220	I*= 0.500	0.0	52.9	52.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	51.1	51.1	17696.	120.	D(1)
235	220 - 221	I*= 0.500	0.0	12.3	12.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
236	220 - 222	I*= 0.500	0.0	61.2	61.2	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	59.4	59.4	17696.	120.	D(1)
237	223 - 224	I*= 0.500	0.0	44.9	44.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	43.1	43.1	17696.	120.	D(1)
238	224 - 225	I*= 0.500	0.0	12.3	12.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
239	224 - 226	I*= 0.500	0.0	53.3	53.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	51.4	51.4	17696.	120.	D(1)
240	232 - 233	I*= 0.500	0.0	47.9	47.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	48.7	48.7	17696.	120.	D(1)
241	233 - 234	I*= 0.500	0.0	12.3	12.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
242	233 - 235	I*= 0.500	0.0	36.6	36.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	37.4	37.4	17696.	120.	D(1)
243	244 - 245	I*= 0.500	0.0	16.6	16.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	38.1	38.1	17696.	120.	D(1)
244	245 - 246	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
245	245 - 247	I*= 0.500	0.0	38.1	38.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	164.8	164.8	17696.	120.	D(1)
246	248 - 249	I*= 0.500	0.0	15.9	15.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	29.3	29.3	17696.	120.	D(1)
247	249 - 250	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
248	249 - 251	I*= 0.500	0.0	29.3	29.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	146.8	146.8	17696.	120.	D(1)
249	237 - 238	I*= 0.500	0.0	49.4	49.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	50.0	50.0	17696.	120.	D(1)
250	238 - 239	I*= 0.500	0.0	101.6	101.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
251	238 - 240	I*= 0.500	0.0	54.4	54.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	52.6	52.6	17696.	120.	D(1)
252	120 - 121	I*= 0.500	712.50	56.0	412.3	19938.	305.	D(1)
	(300.)	I= 1.000	712.50	0.0	356.2	19938.	305.	D(1)
253	252 - 198	I*= 0.500	0.0	573.5	573.5	17133.	213.	D(1)
	(0.)	I= 1.000	0.0	872.8	872.8	17133.	213.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

COMP. NO.	COMPONENT TYPE					FAILURE FLAG
		NODE= 182	B1= 1.000	D1= 6.625		
		NA= 0	B2= 1.000	D2= 10.750		
15	CON. REDUCER	NB= 0	C1= 1.000	T1= 0.280		
	PER B16.9	NC= 0	C2= 1.000	T2= 0.365		
		INDEXO= 3	I= 1.000	PRESS= 0.0		

PRESSURE STRESS	MOMENT STRESS(*)	CALCULATED STRESS	ALLOWABLE STRESS	
0.0	1614.79	1614.79	17132.61	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122		I I
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162		
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3549.1	2590.3	5819.3	16582.5	D(1)
RUN	4794.5	482.4	3150.5	16582.5	D(1)

MAX. RUN LOAD	(R-1)	M1= 15481.2	M2= -26299.4	M3= -431.6
	(R-2)	M1= 7377.7	M2= 25254.7	M3= -1081.8
	(BR)	M1= -22858.9	M2= 1044.7	M3= 1513.3
MAX. BR. LOAD	(R-1)	M1= 15481.2	M2= -26299.4	M3= -431.6
	(R-2)	M1= 7377.7	M2= 25254.7	M3= -1081.8
	(BR)	M1= -22858.9	M2= 1044.7	M3= 1513.3

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 9	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122		I I
2	BUTT WELD TEE	NB= 102	TR= 0.438	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162		
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	4417.8	418.5	2862.4	16582.5	D(1)
RUN	4794.5	985.5	3936.1	16582.5	D(1)

MAX. RUN LOAD	(R-1)	M1= -12549.9	M2= 7407.6	M3= -60625.5
	(R-2)	M1= 9958.5	M2= -5363.3	M3= 48115.0
	(BR)	M1= 2591.4	M2= -2044.3	M3= 12510.5
MAX. BR. LOAD	(R-1)	M1= -12549.9	M2= 7407.6	M3= -60625.5
	(R-2)	M1= 9958.5	M2= -5363.3	M3= 48115.0
	(BR)	M1= 2591.4	M2= -2044.3	M3= 12510.5

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 14	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 130	DB= 14.000	B2R= 1.500	B2B= 1.500	
3	BUTT WELD TEE	NB= 131	TR= 1.406	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 129	TB= 1.406	C2R= 2.000	C2B= 2.000	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	1493.6	453.9	2174.5	29906.2	D(1)
RUN	1493.6	0.0	1493.6	29906.2	D(1)
TOTAL			2174.5	29906.2	

MAX. RUN LOAD	(R-1)	M1= 58805.6	M2= 12903.9	M3= 2780.4
	(R-2)	M1= 15341.6	M2= 14434.8	M3= 5939.1
	(BR)	M1= -74147.1	M2= -27338.6	M3= -8719.5
MAX. BR. LOAD	(R-1)	M1= 58805.6	M2= 12903.9	M3= 2780.4
	(R-2)	M1= 15341.6	M2= 14434.8	M3= 5939.1
	(BR)	M1= -74147.1	M2= -27338.6	M3= -8719.5

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 29	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 28	DB= 6.625	B2R= 3.122	B2B= 3.122	
4	BUTT WELD TEE	NB= 192	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 193	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3549.1	549.5	2632.6	16582.5	D(1)
RUN	4794.5	276.5	2829.0	16582.5	D(1)

MAX. RUN LOAD	(R-1)	M1= 6601.9	M2= 2416.6	M3= -16017.1
	(R-2)	M1= -2040.1	M2= -2534.6	M3= 14331.2
	(BR)	M1= -4561.7	M2= 118.1	M3= 1686.0
MAX. BR. LOAD	(R-1)	M1= 6601.9	M2= 2416.6	M3= -16017.1
	(R-2)	M1= -2040.1	M2= -2534.6	M3= 14331.2
	(BR)	M1= -4561.7	M2= 118.1	M3= 1686.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	
		INDEXO= 3	PRESS= 0.0	IR= 1.476	IB= 1.476	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	328.9	485.5	17695.7	D(1)
RUN	0.0	639.2	943.4	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1= 2050.3	M2= 157.2	M3= -19655.7
	(R-2)	M1= -1058.8	M2= 35.6	M3= 16924.4
	(BR)	M1= -991.6	M2= -192.8	M3= 2731.3
MAX. BR. LOAD	(R-1)	M1= 2050.3	M2= 157.2	M3= -19655.7
	(R-2)	M1= -1058.8	M2= 35.6	M3= 16924.4
	(BR)	M1= -991.6	M2= -192.8	M3= 2731.3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	
6	BUTT WELD TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	
		INDEXO= 3	PRESS= 0.0	IR= 1.629	IB= 1.629	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	677.1	1103.1	17695.7	D(1)
RUN	0.0	713.5	1162.4	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1= -10515.6	M2= 30397.2	M3= 988.7
	(R-2)	M1= -9465.7	M2= -27158.3	M3= 4342.3
	(BR)	M1= 19981.3	M2= -3238.9	M3= -5331.1
MAX. BR. LOAD	(R-1)	M1= -10515.6	M2= 30397.2	M3= 988.7
	(R-2)	M1= -9465.7	M2= -27158.3	M3= 4342.3
	(BR)	M1= 19981.3	M2= -3238.9	M3= -5331.1

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173	
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898	

INDEXO= 3 PRESS= 0.0 IR= 1.087 IB= 1.087

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	68.3	74.2	17695.7	D(1)
RUN	0.0	140.3	152.6	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1= -362.8	M2= 42.6	M3= 303.2
	(R-2)	M1= 261.7	M2= 85.3	M3= -139.8
	(BR)	M1= 101.1	M2= -127.9	M3= -163.5
MAX. BR. LOAD	(R-1)	M1= -362.8	M2= 42.6	M3= 303.2
	(R-2)	M1= 261.7	M2= 85.3	M3= -139.8
	(BR)	M1= 101.1	M2= -127.9	M3= -163.5

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125	
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500	

INDEXO= 1 PRESS= 300.0 IR= 1.000 IB= 1.000

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	1198.6	1720.4	3134.0	29906.2	D(1)
RUN	1493.6	245.8	1739.4	29906.2	D(1)
TOTAL			3674.8	29906.2	

MAX. RUN LOAD	(R-1)	M1= 46969.4	M2= -2961.7	M3= -11304.2
	(R-2)	M1= -41479.9	M2= 2153.2	M3= 11304.2
	(BR)	M1= -5489.5	M2= 808.5	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= 46969.4	M2= -2961.7	M3= -11304.2
	(R-2)	M1= -41479.9	M2= 2153.2	M3= 11304.2
	(BR)	M1= -5489.5	M2= 808.5	M3= 0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	1198.6	1324.8	2689.0	29906.2	D(1)
RUN	1493.6	203.2	1696.8	29906.2	D(1)
TOTAL			3187.1	29906.2	

MAX. RUN LOAD	(R-1)	M1= 1399.8	M2= -35447.7	M3= -6339.4
	(R-2)	M1= 2851.6	M2= 35021.2	M3= 6339.4
	(BR)	M1= -4251.4	M2= 426.5	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= 1399.8	M2= -35447.7	M3= -6339.4
	(R-2)	M1= 2851.6	M2= 35021.2	M3= 6339.4
	(BR)	M1= -4251.4	M2= 426.5	M3= 0.0

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 3	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	150.4	544.9	19937.5	D(1)
RUN	1198.6	180.4	779.8	19937.5	D(1)

MAX. RUN LOAD	(R-1)	M1= 0.0	M2= -0.0	M3= -548.5
	(R-2)	M1= 0.0	M2= 0.0	M3= 582.0
	(BR)	M1= -0.0	M2= 0.0	M3= -33.5
MAX. BR. LOAD	(R-1)	M1= 0.0	M2= -0.0	M3= -548.5
	(R-2)	M1= 0.0	M2= 0.0	M3= 582.0
	(BR)	M1= -0.0	M2= 0.0	M3= -33.5

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 149	DR= 3.500	B1R= 1.000	B1B= 1.000		
		NA= 148	DB= 1.315	B2R= 1.000	B2B= 1.412		I I
11	BRANCH CONNECT.	NB= 150	TR= 0.438	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 151	TB= 0.250	C2R= 1.000	C2B= 1.882		
		INDEXO= 3	PRESS= 300.0	IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	150.4	544.9	19937.5	D(1)
RUN	1198.6	205.2	804.5	19937.5	D(1)

MAX. RUN LOAD	(R-1)	M1=	0.0	M2=	0.0	M3=	-628.4
	(R-2)	M1=	-0.0	M2=	-0.0	M3=	661.9
	(BR)	M1=	-0.0	M2=	0.0	M3=	-33.5
MAX. BR. LOAD	(R-1)	M1=	0.0	M2=	0.0	M3=	-628.4
	(R-2)	M1=	-0.0	M2=	-0.0	M3=	661.9
	(BR)	M1=	-0.0	M2=	0.0	M3=	-33.5

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 170	DR= 6.625	B1R= 1.000	B1B= 1.000		
		NA= 169	DB= 1.315	B2R= 1.000	B2B= 2.090		I I
12	BRANCH CONNECT.	NB= 175	TR= 0.280	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 171	TB= 0.133	C2R= 1.000	C2B= 2.787		
		INDEXO= 3	PRESS= 0.0	IR= 1.045	IB= 1.045		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	17695.7	D(1)
RUN	0.0	477.9	499.5	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1=	-4164.3	M2=	-330.3	M3=	-673.3
	(R-2)	M1=	4164.3	M2=	330.3	M3=	673.3
	(BR)	M1=	-0.0	M2=	0.0	M3=	0.0
MAX. BR. LOAD	(R-1)	M1=	-4164.3	M2=	-330.3	M3=	-673.3
	(R-2)	M1=	4164.3	M2=	330.3	M3=	673.3
	(BR)	M1=	-0.0	M2=	0.0	M3=	0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 200	DR= 6.625	B1R= 1.000	B1B= 1.000	
		NA= 199	DB= 1.315	B2R= 1.000	B2B= 2.090	
13	BRANCH CONNECT.	NB= 206	TR= 0.280	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 201	TB= 0.133	C2R= 1.000	C2B= 2.787	

INDEXO= 3 PRESS= 0.0 IR= 1.045 IB= 1.045

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	371.5	388.2	17695.7	D(1)
RUN	0.0	475.5	496.9	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1= -1678.1	M2= 343.7	M3= -3845.2
	(R-2)	M1= 1672.7	M2= -340.0	M3= 3791.3
	(BR)	M1= 5.4	M2= -3.7	M3= 53.8
MAX. BR. LOAD	(R-1)	M1= -1678.1	M2= 343.7	M3= -3845.2
	(R-2)	M1= 1672.7	M2= -340.0	M3= 3791.3
	(BR)	M1= 5.4	M2= -3.7	M3= 53.8

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 76	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 228	DB= 4.500	B2R= 1.340	B2B= 3.949	
14	BRANCH CONNECT.	NB= 77	TR= 0.375	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 229	TB= 0.237	C2R= 1.786	C2B= 5.265	

INDEXO= 3 PRESS= 0.0 IR= 1.974 IB= 1.974

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	329.4	650.4	17695.7	D(1)
RUN	0.0	1653.5	3264.8	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1= 9465.7	M2= 2117.9	M3= 73944.5
	(R-2)	M1= -8374.7	M2= -2201.6	M3= -73733.3
	(BR)	M1= -1091.0	M2= 83.7	M3= -211.2
MAX. BR. LOAD	(R-1)	M1= 9465.7	M2= 2117.9	M3= 73944.5
	(R-2)	M1= -8374.7	M2= -2201.6	M3= -73733.3
	(BR)	M1= -1091.0	M2= 83.7	M3= -211.2

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
1	1 - 93	I*= 0.500	0.0	5753.7	5753.7	26646.	305.	T(2,2)
		I= 1.000	0.0	3336.4	3336.4	26646.	305.	T(2,2)
2	93 - 94	I*= 0.500	0.0	3336.4	3336.4	26646.	305.	T(2,2)
		I= 1.000	0.0	1715.2	1715.2	26646.	305.	T(2,2)
3	94 - 2	I*= 0.500	0.0	1715.2	1715.2	26646.	305.	T(2,2)
		I= 1.000	0.0	2830.6	2830.6	26646.	305.	T(2,2)
4	2 - 3	I*= 0.500	0.0	2830.6	9760.1	26646.	305.	T(2,2)
		I= 3.448	0.0	3356.5	11573.1	26646.	305.	T(2,2)
			0.0	3348.8	11546.8	26646.	305.	T(2,2)
5	3 - 4	I*= 0.500	0.0	3348.8	3348.8	26646.	305.	T(2,2)
		I= 1.000	0.0	3191.5	3191.5	26646.	305.	T(2,2)
6	4 - 5	I*= 0.500	0.0	3191.5	8397.9	26646.	305.	T(2,2)
		I= 2.631	0.0	3218.2	8468.1	26646.	305.	T(2,2)
			0.0	3130.0	8236.1	26646.	305.	T(2,2)
7	5 - 95	I*= 0.500	0.0	3130.0	8236.1	26646.	305.	T(2,2)
		I= 2.631	0.0	2882.9	7585.7	26646.	305.	T(2,2)
			0.0	2501.9	6583.2	26646.	305.	T(2,2)
8	95 - 6	I*= 0.500	0.0	2501.9	2501.9	26646.	305.	T(2,2)
		I= 1.000	0.0	2004.6	2004.6	26646.	305.	T(2,2)
9	6 - 96	I*= 0.500	0.0	2378.8	2378.8	26646.	305.	T(2,2)
		I= 1.000	0.0	2078.8	2078.8	26646.	305.	T(2,2)
10	6 - 97	I*= 0.500	0.0	2316.4	2316.4	26646.	305.	T(2,2)
		I= 1.000	0.0	2028.5	2028.5	26646.	305.	T(2,2)
11	97 - 98	I*= 0.500	0.0	2028.5	2028.5	26646.	305.	T(2,2)
		I= 1.000	0.0	1947.0	1947.0	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
12	98 - 7	I*= 0.500	0.0	1947.0	1947.0	26646.	305.	T(2,2)
		I= 1.000	0.0	1164.6	1164.6	26646.	305.	T(2,2)
13	7 - 8	I*= 0.500	0.0	1164.6	1164.6	26646.	305.	T(2,2)
		I= 1.000	0.0	1649.3	1649.3	26646.	305.	T(2,2)
			0.0	2650.4	2650.4	26646.	305.	T(2,2)
14	8 - 99	I*= 0.500	0.0	2650.4	2650.4	26646.	305.	T(2,2)
		I= 1.000	0.0	3197.4	3197.4	26646.	305.	T(2,2)
15	99 - 100	I*= 0.500	0.0	3197.4	3197.4	26646.	305.	T(2,2)
		I= 1.000	0.0	3546.6	3546.6	26646.	305.	T(2,2)
16	100 - 101	I*= 0.500	0.0	3546.6	3546.6	26646.	305.	T(2,2)
		I= 1.000	0.0	3955.0	3955.0	26646.	305.	T(2,2)
17	101 - 9	I*= 0.500	0.0	3955.0	3955.0	26646.	305.	T(2,2)
		I= 1.000	0.0	4097.9	4097.9	26646.	305.	T(2,2)
18	9 - 103	I*= 0.500	0.0	4492.3	4492.3	26646.	305.	T(2,2)
		I= 1.000	0.0	3858.8	3858.8	26646.	305.	T(2,2)
19	9 - 102	I*= 0.500	0.0	2597.3	2597.3	26646.	305.	T(2,2)
		I= 1.000	0.0	2887.6	2887.6	26646.	305.	T(2,2)
20	102 - 10	I*= 0.500	0.0	2887.6	2887.6	26646.	305.	T(2,2)
		I= 1.000	0.0	3076.2	3076.2	26646.	305.	T(2,2)
21	10 - 11	I*= 0.500	0.0	3076.2	3076.2	26646.	305.	T(2,2)
		I= 1.000	0.0	3940.3	3940.3	26646.	305.	T(2,2)
			0.0	4683.1	4683.1	26646.	305.	T(2,2)
22	11 - 104	I*= 0.500	0.0	4683.1	4683.1	26646.	305.	T(2,2)
		I= 1.000	0.0	4762.0	4762.0	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
23	107 - 12	C1= 1.000	0.0	1993.8	1993.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	2067.8	2067.8	59813.	305.	T(2,2)
24	12 - 13	C1= 1.214	0.0	2067.8	4908.1	59813.	305.	T(2,2)
		C2= 2.374	0.0	2083.2	4944.7	59813.	305.	T(2,2)
			0.0	2001.2	4750.0	59813.	305.	T(2,2)
25	13 - 108	C1= 1.000	0.0	2001.2	2001.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	1943.7	1943.7	59813.	305.	T(2,2)
26	108 - 109	C1= 1.000	0.0	371.6	371.6	59813.	305.	T(2,2)
		C2= 1.000	0.0	299.6	299.6	59813.	305.	T(2,2)
27	109 - 110	C1= 1.000	0.0	299.6	299.6	59813.	305.	T(2,2)
		C2= 1.000	0.0	268.8	268.8	59813.	305.	T(2,2)
28	110 - 111	C1= 1.000	0.0	268.8	268.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	219.9	219.9	59813.	305.	T(2,2)
29	114 - 115	I*= 0.500	0.0	96.4	96.4	29984.	305.	T(2,2)
		I= 1.000	0.0	69.4	69.4	29984.	305.	T(2,2)
30	115 - 116	I*= 0.500	0.0	69.4	69.4	29984.	305.	T(2,2)
		I= 1.000	0.0	34.7	34.7	29984.	305.	T(2,2)
31	116 - 117	I*= 0.500	0.0	34.7	34.7	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
32	116 - 118	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
33	117 - 119	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
34	118 - 120	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 18 ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
35	108 - 122	C1= 1.000	0.0	1943.2	1943.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	1871.5	1871.5	59813.	305.	T(2,2)
36	122 - 123	C1= 1.000	0.0	1871.5	1871.5	59813.	305.	T(2,2)
		C2= 1.000	0.0	1736.0	1736.0	59813.	305.	T(2,2)
37	123 - 124	C1= 1.000	0.0	1736.0	1736.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	1414.0	1414.0	59813.	305.	T(2,2)
38	124 - 125	C1= 1.000	0.0	1414.0	1414.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	1352.0	1352.0	59813.	305.	T(2,2)
39	128 - 129	C1= 1.000	0.0	1121.2	1121.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	1093.4	1093.4	59813.	305.	T(2,2)
40	129 - 14	C1= 1.000	0.0	1093.4	1093.4	59813.	305.	T(2,2)
		C2= 1.000	0.0	1046.4	1046.4	59813.	305.	T(2,2)
41	14 - 130	C1= 1.000	0.0	204.8	204.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	178.3	178.3	59813.	305.	T(2,2)
42	14 - 131	C1= 1.000	0.0	1109.6	1109.6	59813.	305.	T(2,2)
		C2= 1.000	0.0	1084.0	1084.0	59813.	305.	T(2,2)
43	131 - 15	C1= 1.000	0.0	1084.0	1084.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	940.0	940.0	59813.	305.	T(2,2)
44	15 - 16	C1= 1.214	0.0	940.0	2231.2	59813.	305.	T(2,2)
		C2= 2.374	0.0	834.1	1979.9	59813.	305.	T(2,2)
			0.0	695.8	1651.5	59813.	305.	T(2,2)
45	16 - 132	C1= 1.000	0.0	695.8	695.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	671.7	671.7	59813.	305.	T(2,2)
46	132 - 17	C1= 1.000	0.0	671.7	671.7	59813.	305.	T(2,2)
		C2= 1.000	0.0	1609.2	1609.2	59813.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
47	17 - 18	C1= 1.214	0.0	1609.2	3819.5	59813.	305.	T(2,2)
		C2= 2.374	0.0	1752.6	4160.1	59813.	305.	T(2,2)
			0.0	1863.4	4423.0	59813.	305.	T(2,2)
48	18 - 19	C1= 1.000	0.0	1863.4	1863.4	59813.	305.	T(2,2)
		C2= 1.000	0.0	2044.8	2044.8	59813.	305.	T(2,2)
49	19 - 20	C1= 1.214	0.0	2044.8	4853.6	59813.	305.	T(2,2)
		C2= 2.374	0.0	2161.8	5131.3	59813.	305.	T(2,2)
			0.0	2314.3	5493.2	59813.	305.	T(2,2)
50	20 - 133	C1= 1.000	0.0	2314.3	2314.3	59813.	305.	T(2,2)
		C2= 1.000	0.0	2616.8	2616.8	59813.	305.	T(2,2)
51	133 - 21	C1= 1.000	0.0	2616.8	2616.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	3399.4	3399.4	59813.	305.	T(2,2)
52	21 - 22	C1= 1.214	0.0	3399.4	8068.8	59813.	305.	T(2,2)
		C2= 2.374	0.0	3705.5	8795.4	59813.	305.	T(2,2)
			0.0	3855.1	9150.6	59813.	305.	T(2,2)
53	22 - 23	C1= 1.000	0.0	3855.1	3855.1	59813.	305.	T(2,2)
		C2= 1.000	0.0	3966.9	3966.9	59813.	305.	T(2,2)
54	24 - 195	I*= 0.500	0.0	4699.4	4699.4	26646.	305.	T(2,2)
		I= 1.000	0.0	3154.9	3154.9	26646.	305.	T(2,2)
55	195 - 194	I*= 0.500	0.0	3154.9	3154.9	26646.	305.	T(2,2)
		I= 1.000	0.0	1191.2	1191.2	26646.	305.	T(2,2)
56	194 - 25	I*= 0.500	0.0	1191.2	1191.2	26646.	305.	T(2,2)
		I= 1.000	0.0	486.6	486.6	26646.	305.	T(2,2)
57	25 - 26	I*= 0.500	0.0	486.6	1280.3	26646.	305.	T(2,2)
		I= 2.631	0.0	492.6	1296.2	26646.	305.	T(2,2)
			0.0	785.8	2067.6	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
58	26 - 27	I*= 0.500	0.0	785.8	785.8	26646.	305.	T(2,2)
		I= 1.000	0.0	878.9	878.9	26646.	305.	T(2,2)
59	27 - 28	I*= 0.500	0.0	878.9	2312.6	26646.	305.	T(2,2)
		I= 2.631	0.0	995.7	2620.0	26646.	305.	T(2,2)
			0.0	1115.5	2935.3	26646.	305.	T(2,2)
60	28 - 29	I*= 0.500	0.0	1115.5	1115.5	26646.	305.	T(2,2)
		I= 1.000	0.0	1369.4	1369.4	26646.	305.	T(2,2)
61	29 - 193	I*= 0.500	0.0	6342.5	6342.5	26646.	305.	T(2,2)
		I= 1.000	0.0	5781.4	5781.4	26646.	305.	T(2,2)
62	29 - 192	I*= 0.500	0.0	1024.3	1024.3	26646.	305.	T(2,2)
		I= 1.000	0.0	1445.2	1445.2	26646.	305.	T(2,2)
63	192 - 191	I*= 0.500	0.0	1445.2	1445.2	26646.	305.	T(2,2)
		I= 1.000	0.0	1710.6	1710.6	26646.	305.	T(2,2)
64	191 - 190	I*= 0.500	0.0	1710.6	1710.6	26646.	305.	T(2,2)
		I= 1.000	0.0	3802.1	3802.1	26646.	305.	T(2,2)
65	190 - 30	I*= 0.500	0.0	3802.1	3802.1	26646.	305.	T(2,2)
		I= 1.000	0.0	1215.1	1215.1	26646.	305.	T(2,2)
66	30 - 165	I*= 0.500	0.0	1215.1	1215.1	26646.	305.	T(2,2)
		I= 1.000	0.0	288.6	288.6	26646.	305.	T(2,2)
			0.0	618.1	618.1	26646.	305.	T(2,2)
67	165 - 164	I*= 0.500	0.0	618.1	618.1	26646.	305.	T(2,2)
		I= 1.000	0.0	1469.9	1469.9	26646.	305.	T(2,2)
			0.0	2263.0	2263.0	26646.	305.	T(2,2)
68	164 - 163	I*= 0.500	0.0	2263.0	2263.0	26646.	305.	T(2,2)
		I= 1.000	0.0	2398.8	2398.8	26646.	305.	T(2,2)
			0.0	2532.5	2532.5	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
69	163 - 162	I*= 0.500	0.0	2532.5	2532.5	26646.	305.	T(2,2)
		I= 1.000	0.0	2720.0	2720.0	26646.	305.	T(2,2)
			0.0	2902.9	2902.9	26646.	305.	T(2,2)
70	162 - 161	I*= 0.500	0.0	2902.9	2902.9	26646.	305.	T(2,2)
		I= 1.000	0.0	3744.8	3744.8	26646.	305.	T(2,2)
			0.0	4461.8	4461.8	26646.	305.	T(2,2)
71	161 - 160	I*= 0.500	0.0	4461.8	4461.8	26646.	305.	T(2,2)
		I= 1.000	0.0	4971.9	4971.9	26646.	305.	T(2,2)
			0.0	5380.1	5380.1	26646.	305.	T(2,2)
72	31 - 159	I*= 0.500	0.0	5469.2	5469.2	26646.	305.	T(2,2)
		I= 1.000	0.0	5511.7	5511.7	26646.	305.	T(2,2)
73	156 - 155	C1= 1.000	0.0	2270.6	2270.6	59813.	305.	T(2,2)
		C2= 1.000	0.0	2411.2	2411.2	59813.	305.	T(2,2)
74	155 - 32	C1= 1.000	0.0	2411.2	2411.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	2443.1	2443.1	59813.	305.	T(2,2)
75	32 - 33	C1= 1.214	0.0	2443.1	5798.9	59813.	305.	T(2,)
		C2= 2.374	0.0	2414.8	5731.8	59813.	305.	T(2,2)
			0.0	2241.4	5320.1	59813.	305.	T(2,2)
76	33 - 141	C1= 1.000	0.0	2241.4	2241.4	59813.	305.	T(2,2)
		C2= 1.000	0.0	2136.2	2136.2	59813.	305.	T(2,2)
77	141 - 142	C1= 1.000	0.0	178.8	178.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	144.1	144.1	59813.	305	,2)
78	142 - 143	C1= 1.000	0.0	144.1	144.1	59813.	305.	T(2,2)
		C2= 1.000	0.0	129.3	129.3	59813.	305.	T(2,2)
79	143 - 144	C1= 1.000	0.0	129.3	129.3	59813.	305.	T(2,2)
		C2= 1.000	0.0	105.8	105.8	59813.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
80	147 - 148	I*= 0.500	0.0	46.4	46.4	29984.	305.	T(2,2)
		I= 1.000	0.0	33.4	33.4	29984.	305.	T(2,2)
81	148 - 149	I*= 0.500	0.0	33.4	33.4	29984.	305.	T(2,2)
		I= 1.000	0.0	16.7	16.7	29984.	305.	T(2,2)
82	149 - 150	I*= 0.500	0.0	16.7	16.7	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
83	149 - 151	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
84	150 - 152	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
85	151 - 153	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
86	141 - 140	C1= 1.000	0.0	2136.3	2136.3	59813.	305.	T(2,2)
		C2= 1.000	0.0	1980.4	1980.4	59813.	305.	T(2,2)
87	140 - 139	C1= 1.000	0.0	1980.4	1980.4	59813.	305.	T(2,2)
		C2= 1.000	0.0	1348.1	1348.1	59813.	305.	T(2,2)
88	139 - 34	C1= 1.000	0.0	1348.1	1348.1	59813.	305.	T(2,2)
		C2= 1.000	0.0	791.6	791.6	59813.	305.	T(2,2)
89	34 - 35	C1= 1.214	0.0	791.6	1879.0	59813.	305.	T(2,2)
		C2= 2.374	0.0	691.9	1642.4	59813.	305.	T(2,2)
			0.0	619.1	1469.6	59813.	305.	T(2,2)
90	35 - 138	C1= 1.000	0.0	619.1	619.1	59813.	305.	T(2,2)
		C2= 1.000	0.0	578.7	578.7	59813.	305.	T(2,2)
91	135 - 134	C1= 1.000	0.0	303.6	303.6	59813.	305.	T(2,2)
		C2= 1.000	0.0	212.7	212.7	59813.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
92	134 - 130	C1= 1.000	0.0	212.7	212.7	59813.	305.	T(2,2)
		C2= 1.000	0.0	178.3	178.3	59813.	305.	T(2,2)
93	96 - 36	I*= 0.500	0.0	2078.8	2078.8	26646.	305.	T(2,2)
		I= 1.000	0.0	1912.3	1912.3	26646.	305.	T(2,2)
94	36 - 37	I*= 0.500	0.0	1912.3	4332.5	26646.	305.	T(2,2)
		I= 2.266	0.0	1741.1	3944.7	26646.	305.	T(2,2)
			0.0	1656.2	3752.2	26646.	305.	T(2,2)
95	37 - 166	I*= 0.500	0.0	1656.2	1656.2	26646.	305.	T(2,2)
		I= 1.000	0.0	3745.4	3745.4	26646.	305.	T(2,2)
96	168 - 169	I*= 0.500	0.0	3699.6	3699.6	26783.	213.	T(2,2)
		I= 1.000	0.0	3296.0	3296.0	26783.	213.	T(2,2)
97	169 - 170	I*= 0.500	0.0	3296.0	3296.0	26924.	120.	T(2,2)
		I= 1.000	0.0	1909.5	1909.5	26924.	120.	T(2,2)
98	170 - 171	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
99	171 - 172	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
100	172 - 173	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
101	173 - 174	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
102	170 - 175	I*= 0.500	0.0	1909.5	1909.5	26924.	120.	T(2,2)
		I= 1.000	0.0	1792.9	1792.9	26924.	120.	T(2,2)
103	175 - 39	I*= 0.500	0.0	1792.9	1792.9	26924.	120.	T(2,2)
		I= 1.000	0.0	1730.4	1730.4	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
104	39 - 40	I*= 0.500	0.0	1730.4	3920.4	26924.	120.	T(2,2)
		I= 2.266	0.0	1612.5	3653.3	26924.	120.	T(2,2)
			0.0	1391.8	3153.3	26924.	120.	T(2,2)
105	40 - 176	I*= 0.500	0.0	1391.8	1391.8	26924.	120.	T(2,2)
		I= 1.000	0.0	1289.9	1289.9	26924.	120.	T(2,2)
106	176 - 41	I*= 0.500	0.0	1289.9	1289.9	26924.	120.	T(2,2)
		I= 1.000	0.0	1248.1	1248.1	26924.	120.	T(2,2)
107	41 - 42	I*= 0.500	0.0	1248.1	2827.7	26924.	120.	T(2,2)
		I= 2.266	0.0	1085.9	2460.1	26924.	120.	T(2,2)
			0.0	757.5	1716.2	26924.	120.	T(2,2)
108	42 - 43	I*= 0.500	0.0	757.5	757.5	26924.	120.	T(2,2)
		I= 1.000	0.0	182.4	182.4	26924.	120.	T(2,2)
109	43 - 44	I*= 0.500	0.0	182.4	413.3	26924.	120.	T(2,2)
		I= 2.266	0.0	504.1	1142.1	26924.	120.	T(2,2)
			0.0	732.1	1658.7	26924.	120.	T(2,2)
110	44 - 177	I*= 0.500	0.0	732.1	732.1	26924.	120.	T(2,2)
		I= 1.000	0.0	2328.3	2328.3	26924.	120.	T(2,2)
111	177 - 178	I*= 0.500	0.0	2328.3	2328.3	26924.	120.	T(2,2)
		I= 1.000	0.0	1808.5	1808.5	26924.	120.	T(2,2)
112	178 - 45	I*= 0.500	0.0	1808.5	1808.5	26924.	120.	T(2,2)
		I= 1.000	0.0	698.8	698.8	26924.	120.	T(2,2)
113	45 - 46	I*= 0.500	0.0	698.8	1583.2	26924.	120.	T(2,2)
		I= 2.266	0.0	685.4	1552.9	26924.	120.	T(2,2)
			0.0	671.8	1522.0	26924.	120.	T(2,2)
114	46 - 179	I*= 0.500	0.0	671.8	671.8	26924.	120.	T(2,2)
		I= 1.000	0.0	767.5	767.5	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
115	179 - 180	I*= 0.500	0.0	767.5	767.5	26924.	120.	T(2,2)
		I= 1.000	0.0	678.0	678.0	26924.	120.	T(2,2)
116	180 - 181	I*= 0.500	0.0	678.0	678.0	26924.	120.	T(2,2)
		I= 1.000	0.0	689.5	689.5	26924.	120.	T(2,2)
117	181 - 182	I*= 0.500	0.0	689.5	689.5	26924.	120.	T(2,2)
		I= 1.000	0.0	909.8	909.8	26924.	120.	T(2,2)
118	182 - 183	I*= 0.500	0.0	258.5	258.5	26924.	120.	T(2,2)
		I= 1.000	0.0	264.5	264.5	26924.	120.	T(2,2)
119	183 - 59	I*= 0.500	0.0	264.5	264.5	26924.	120.	T(2,2)
		I= 1.000	0.0	272.1	272.1	26924.	120.	T(2,2)
120	59 - 184	I*= 0.500	0.0	2032.7	2032.7	26924.	120.	T(2,2)
		I= 1.000	0.0	1979.1	1979.1	26924.	120.	T(2,2)
121	59 - 185	I*= 0.500	0.0	802.3	802.3	26924.	120.	T(2,2)
		I= 1.000	0.0	804.2	804.2	26924.	120.	T(2,2)
122	185 - 47	I*= 0.500	0.0	804.2	804.2	26924.	120.	T(2,2)
		I= 1.000	0.0	812.5	812.5	26924.	120.	T(2,2)
123	47 - 48	I*= 0.500	0.0	812.5	2116.5	26924.	120.	T(2,2)
		I= 2.605	0.0	807.8	2104.5	26924.	120.	T(2,2)
			0.0	787.2	2050.6	26924.	120.	T(2,2)
124	48 - 186	I*= 0.500	0.0	787.2	787.2	26924.	120.	T(2,2)
		I= 1.000	0.0	309.1	309.1	26924.	120.	T(2,2)
125	186 - 187	I*= 0.500	0.0	309.1	309.1	26924.	120.	T(2,2)
		I= 1.000	0.0	279.2	279.2	26924.	120.	T(2,2)
126	187 - 188	I*= 0.500	0.0	279.2	279.2	26924.	120.	T(2,2)
		I= 1.000	0.0	269.4	269.4	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
127	188 - 49	I*= 0.500	0.0	269.4	269.4	26924.	120.	T(2,2)
		I= 1.000	0.0	561.6	561.6	26924.	120.	T(2,2)
128	49 - 50	I*= 0.500	0.0	561.6	1463.1	26924.	120.	T(2,2)
		I= 2.605	0.0	674.8	1758.0	26924.	120.	T(2,2)
			0.0	827.7	2156.2	26924.	120.	T(2,2)
129	50 - 189	I*= 0.500	0.0	827.7	827.7	26924.	120.	T(2,2)
		I= 1.000	0.0	865.3	865.3	26924.	120.	T(2,2)
130	51 - 52	I*= 0.500	0.0	905.5	2358.8	26924.	120.	T(2,2)
		I= 2.605	0.0	1029.7	2682.4	26924.	120.	T(2,2)
			0.0	1061.8	2766.0	26924.	120.	T(2,2)
131	52 - 53	I*= 0.500	0.0	1061.8	1061.8	26924.	120.	T(2,2)
		I= 1.000	0.0	1056.5	1056.5	26924.	120.	T(2,2)
132	184 - 58	I*= 0.500	0.0	1979.1	1979.1	26924.	120.	T(2,2)
		I= 1.000	0.0	1921.5	1921.5	26924.	120.	T(2,2)
133	58 - 57	I*= 0.500	0.0	1921.5	4353.3	26924.	120.	T(2,2)
		I= 2.266	0.0	1899.1	4302.5	26924.	120.	T(2,2)
			0.0	1920.7	4351.4	26924.	120.	T(2,2)
134	57 - 208	I*= 0.500	0.0	1920.7	1920.7	26924.	120.	T(2,2)
		I= 1.000	0.0	1956.2	1956.2	26924.	120.	T(2,2)
135	208 - 207	I*= 0.500	0.0	1956.2	1956.2	26924.	120.	T(2,2)
		I= 1.000	0.0	697.6	697.6	26924.	120.	T(2,2)
136	207 - 206	I*= 0.500	0.0	697.6	697.6	26924.	120.	T(2,2)
		I= 1.000	0.0	830.1	830.1	26924.	120.	T(2,2)
137	206 - 205	I*= 0.500	0.0	468.5	468.5	26924.	120.	T(2,2)
		I= 1.000	0.0	103.7	103.7	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
138	205 - 204	I*= 0.500	0.0	103.7	103.7	26924.	120.	T(2,2)
		I= 1.000	0.0	79.3	79.3	26924.	120.	T(2,2)
139	204 - 203	I*= 0.500	0.0	79.3	79.3	26924.	120.	T(2,2)
		I= 1.000	0.0	81.8	81.8	26924.	120.	T(2,2)
140	203 - 202	I*= 0.500	0.0	81.8	81.8	26924.	120.	T(2,2)
		I= 1.000	0.0	78.2	78.2	26924.	120.	T(2,2)
			0.0	192.0	192.0	26924.	120.	T(2,2)
141	202 - 201	I*= 0.500	0.0	192.0	192.0	26924.	120.	T(2,2)
		I= 1.000	0.0	299.4	299.4	26924.	120.	T(2,2)
142	201 - 200	I*= 0.500	0.0	299.4	299.4	26924.	120.	T(2,2)
		I= 1.000	0.0	478.8	478.8	26924.	120.	T(2,2)
143	200 - 199	I*= 0.500	0.0	1029.3	1029.3	26924.	120.	T(2,2)
		I= 1.000	0.0	1261.0	1261.0	26924.	120.	T(2,2)
144	199 - 56	I*= 0.500	0.0	1261.0	1261.0	26924.	120.	T(2,2)
		I= 1.000	0.0	1538.9	1538.9	26924.	120.	T(2,2)
145	56 - 55	I*= 0.500	0.0	1538.9	3486.5	26924.	120.	T(2,2)
		I= 2.266	0.0	1804.3	4087.8	26924.	120.	T(2,2)
			0.0	1905.3	4316.6	26924.	120.	T(2,2)
146	55 - 252	I*= 0.500	0.0	1905.3	1905.3	26924.	120.	T(2,2)
		I= 1.000	0.0	1881.8	1881.8	26924.	120.	T(2,2)
147	196 - 193	I*= 0.500	0.0	1630.1	1630.1	26646.	305.	T(2,2)
		I= 1.000	0.0	5781.4	5781.4	26646.	305.	T(2,2)
148	103 - 60	I*= 0.500	0.0	3858.8	3858.8	26646.	305.	T(2,2)
		I= 1.000	0.0	3768.6	3768.6	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
149	60 - 61	I*= 0.500	0.0	3768.6	9817.6	26646.	305.	T(2,2)
		I= 2.605	0.0	3989.5	10392.9	26646.	305.	T(2,2)
			0.0	3600.1	9378.5	26646.	305.	T(2,2)
150	61 - 209	I*= 0.500	0.0	3600.1	3600.1	26646.	305.	T(2,2)
		I= 1.000	0.0	2458.1	2458.1	26646.	305.	T(2,2)
151	212 - 213	I*= 0.500	0.0	1877.7	1877.7	26783.	213.	T(2,2)
		I= 1.000	0.0	3645.3	3645.3	26783.	213.	T(2,2)
152	213 - 62	I*= 0.500	0.0	3645.3	3645.3	26924.	120.	T(2,2)
		I= 1.000	0.0	4247.4	4247.4	26924.	120.	T(2,2)
153	62 - 63	I*= 0.500	0.0	4247.4	11064.8	26924.	120.	T(2,2)
		I= 2.605	0.0	4606.1	11999.4	26924.	120.	T(2,2)
			0.0	4281.4	11153.4	26924.	120.	T(2,2)
154	63 - 64	I*= 0.500	0.0	4281.4	4281.4	26924.	120.	T(2,2)
		I= 1.000	0.0	6070.0	6070.0	26924.	120.	T(2,2)
155	64 - 65	I*= 0.500	0.0	6070.0	15813.0	26924.	120.	T(2,2)
		I= 2.605	0.0	6596.8	17185.4	26924.	120.	T(2,2)
			0.0	6100.9	15893.4	26924.	120.	T(2,2)
156	65 - 66	I*= 0.500	0.0	6100.9	6100.9	26924.	120.	T(2,2)
		I= 1.000	0.0	5349.4	5349.4	26924.	120.	T(2,2)
157	66 - 67	I*= 0.500	0.0	5349.4	13935.6	26924.	120.	T(2,2)
		I= 2.605	0.0	5580.7	14538.3	26924.	120.	T(2,2)
			0.0	5143.2	13398.6	26924.	120.	T(2,2)
158	67 - 214	I*= 0.500	0.0	5143.2	5143.2	26924.	120.	T(2,2)
		I= 1.000	0.0	4932.1	4932.1	26924.	120.	T(2,2)
159	214 - 68	I*= 0.500	0.0	4932.1	4932.1	26924.	120.	T(2,2)
		I= 1.000	0.0	4214.9	4214.9	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	0.0	4214.9	10980.2	26924.	120.	T(2,2)
		I= 2.605	0.0	4477.5	11664.4	26924.	120.	T(2,2)
			0.0	4862.5	12667.4	26924.	120.	T(2,2)
161	69 - 215	I*= 0.500	0.0	4862.5	4862.5	26924.	120.	T(2,2)
		I= 1.000	0.0	8283.4	8283.4	26924.	120.	T(2,2)
162	215 - 70	I*= 0.500	0.0	8283.4	8283.4	26924.	120.	T(2,2)
		I= 1.000	0.0	9354.0	9354.0	26924.	120.	T(2,2)
163	70 - 216	I*= 0.500	0.0	3846.3	3846.3	26924.	120.	T(2,2)
		I= 1.000	0.0	3407.3	3407.3	26924.	120.	T(2,2)
164	70 - 217	I*= 0.500	0.0	3596.1	3596.1	26924.	120.	T(2,2)
		I= 1.000	0.0	2815.8	2815.8	26924.	120.	T(2,2)
165	217 - 71	I*= 0.500	0.0	2815.8	8060.1	26924.	120.	T(2,2)
		I= 2.862	0.0	2384.2	6824.4	26924.	120.	T(2,2)
			0.0	2146.6	6144.4	26924.	120.	T(2,2)
166	71 - 72	I*= 0.500	0.0	2146.6	6144.4	26924.	120.	T(2,2)
		I= 2.862	0.0	2209.3	6324.0	26924.	120.	T(2,2)
			0.0	2546.2	7288.1	26924.	120.	T(2,2)
167	72 - 218	I*= 0.500	0.0	2546.2	2546.2	26924.	120.	T(2,2)
		I= 1.000	0.0	2963.4	2963.4	26924.	120.	T(2,2)
168	218 - 219	I*= 0.500	0.0	2963.4	2963.4	26924.	120.	T(2,2)
		I= 1.000	0.0	823.3	823.3	26924.	120.	T(2,2)
169	222 - 223	I*= 0.500	0.0	734.5	734.5	26924.	120.	T(2,2)
		I= 1.000	0.0	490.2	490.2	26924.	120.	T(2,2)
170	226 - 73	I*= 0.500	0.0	478.6	478.6	26924.	120.	T(2,2)
		I= 1.000	0.0	493.2	493.2	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
171	73 - 74	I*= 0.500	0.0	493.2	1411.7	26924.	120.	T(2,2)
		I= 2.862	0.0	661.1	1892.3	26924.	120.	T(2,2)
			0.0	762.0	2181.3	26924.	120.	T(2,2)
172	74 - 227	I*= 0.500	0.0	762.0	762.0	26924.	120.	T(2,2)
		I= 1.000	0.0	889.6	889.6	26924.	120.	T(2,2)
173	227 - 75	I*= 0.500	0.0	889.6	889.6	26924.	120.	T(2,2)
		I= 1.000	0.0	1492.4	1492.4	26924.	120.	T(2,2)
174	216 - 228	I*= 0.500	0.0	3407.3	3407.3	26924.	120.	T(2,2)
		I= 1.000	0.0	2804.3	2804.3	26924.	120.	T(2,2)
175	228 - 76	I*= 0.500	0.0	2804.3	2804.3	26924.	120.	T(2,2)
		I= 1.000	0.0	2370.3	2370.3	26924.	120.	T(2,2)
176	76 - 77	I*= 0.500	0.0	2590.9	2590.9	26924.	120.	T(2,2)
		I= 1.000	0.0	1003.3	1003.3	26924.	120.	T(2,2)
177	77 - 78	I*= 0.500	0.0	1003.3	2871.8	26924.	120.	T(2,2)
		I= 2.862	0.0	1321.1	3781.7	26924.	120.	T(2,2)
			0.0	2394.6	6854.3	26924.	120.	T(2,2)
178	78 - 231	I*= 0.500	0.0	2394.6	2394.6	26924.	120.	T(2,2)
		I= 1.000	0.0	2592.1	2592.1	26924.	120.	T(2,2)
179	231 - 232	I*= 0.500	0.0	2592.1	2592.1	26924.	120.	T(2,2)
		I= 1.000	0.0	499.8	499.8	26924.	120.	T(2,2)
180	235 - 79	I*= 0.500	0.0	542.2	542.2	26924.	120.	T(2,2)
		I= 1.000	0.0	590.9	590.9	26924.	120.	T(2,2)
181	79 - 80	I*= 0.500	0.0	590.9	1691.5	26924.	120.	T(2,2)
		I= 2.862	0.0	514.7	1473.3	26924.	120.	T(2,2)
			0.0	719.1	2058.4	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
182	80 - 81	I*= 0.500	0.0	719.1	719.1	26924.	120.	T(2,2)
		I= 1.000	0.0	1420.2	1420.2	26924.	120.	T(2,2)
183	76 - 229	I*= 0.500	0.0	6764.7	6764.7	26924.	120.	T(2,2)
		I= 1.000	0.0	6230.7	6230.7	26924.	120.	T(2,2)
184	229 - 230	I*= 0.500	0.0	6230.7	6230.7	26924.	120.	T(2,2)
		I= 1.000	0.0	5895.8	5895.8	26924.	120.	T(2,2)
185	230 - 236	I*= 0.500	0.0	5895.8	5895.8	26924.	120.	T(2,2)
		I= 1.000	0.0	3201.9	3201.9	26924.	120.	T(2,2)
186	236 - 237	I*= 0.500	0.0	3201.9	3201.9	26924.	120.	T(2,2)
		I= 1.000	0.0	3326.3	3326.3	26924.	120.	T(2,2)
187	240 - 82	I*= 0.500	0.0	4932.6	4932.6	26924.	120.	T(2,2)
		I= 1.000	0.0	5072.4	5072.4	26924.	120.	T(2,2)
188	82 - 83	I*= 0.500	0.0	5072.4	9903.1	26924.	120.	T(2,2)
		I= 1.952	0.0	5008.0	9777.4	26924.	120.	T(2,2)
			0.0	3663.4	7152.3	26924.	120.	T(2,2)
189	83 - 84	I*= 0.500	0.0	3663.4	3663.4	26924.	120.	T(2,2)
		I= 1.000	0.0	3377.5	3377.5	26924.	120.	T(2,2)
190	84 - 85	I*= 0.500	0.0	3377.5	6594.1	26924.	120.	T(2,2)
		I= 1.952	0.0	4705.3	9186.3	26924.	120.	T(2,2)
			0.0	4740.2	9254.5	26924.	120.	T(2,2)
191	85 - 241	I*= 0.500	0.0	4740.2	4740.2	26924.	120.	T(2,2)
		I= 1.000	0.0	2080.8	2080.8	26924.	120.	T(2,2)
192	241 - 86	I*= 0.500	0.0	2080.8	2080.8	26924.	120.	T(2,2)
		I= 1.000	0.0	2662.6	2662.6	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
193	86 - 242	I*= 0.500	0.0	2272.6	2272.6	26924.	120.	T(2,2)
		I= 1.000	0.0	2303.9	2303.9	26924.	120.	T(2,2)
194	86 - 243	I*= 0.500	0.0	1853.5	1853.5	26924.	120.	T(2,2)
		I= 1.000	0.0	2052.2	2052.2	26924.	120.	T(2,2)
195	242 - 87	I*= 0.500	0.0	2303.9	4498.0	26924.	120.	T(2,2)
		I= 1.952	0.0	2672.4	5217.4	26924.	120.	T(2,2)
			0.0	2569.2	5016.1	26924.	120.	T(2,2)
196	87 - 88	I*= 0.500	0.0	2569.2	5016.1	26924.	120.	T(2,2)
		I= 1.952	0.0	1953.2	3813.4	26924.	120.	T(2,2)
			0.0	1313.3	2564.0	26924.	120.	T(2,2)
197	88 - 244	I*= 0.500	0.0	1313.3	1313.3	26924.	120.	T(2,2)
		I= 1.000	0.0	1418.3	1418.3	26924.	120.	T(2,2)
198	247 - 89	I*= 0.500	0.0	8773.2	8773.2	26924.	120.	T(2,2)
		I= 1.000	0.0	10114.2	10114.2	26924.	120.	T(2,2)
199	243 - 90	I*= 0.500	0.0	2052.2	4006.6	26924.	120.	T(2,2)
		I= 1.952	0.0	2723.3	5316.8	26924.	120.	T(2,2)
			0.0	2965.9	5790.4	26924.	120.	T(2,2)
200	90 - 91	I*= 0.500	0.0	2965.9	5790.4	26924.	120.	T(2,2)
		I= 1.952	0.0	2655.8	5185.0	26924.	120.	T(2,2)
			0.0	1919.7	3747.9	26924.	120.	T(2,2)
201	91 - 248	I*= 0.500	0.0	1919.7	1919.7	26924.	120.	T(2,2)
		I= 1.000	0.0	1627.5	1627.5	26924.	120.	T(2,2)
202	251 - 92	I*= 0.500	0.0	5913.9	5913.9	26924.	120.	T(2,2)
		I= 1.000	0.0	6956.8	6956.8	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 18 ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
203	160 - 31	I*= 0.500	0.0	5380.1	5380.1	26646.	305.	T(2,2)
		I= 1.000	0.0	5425.6	5425.6	26646.	305.	T(2,2)
			0.0	5469.2	5469.2	26646.	305.	T(2,2)
204	189 - 51	I*= 0.500	0.0	865.3	865.3	26924.	120.	T(2,2)
		I= 1.000	0.0	905.5	905.5	26924.	120.	T(2,2)
205	200 - 206	I*= 0.500	0.0	1022.2	1022.2	26924.	120.	T(2,2)
		I= 1.000	0.0	823.5	823.5	26924.	120.	T(2,2)
206	104 - 105	C1= 1.000	0.0	1236.1	1236.1	59813.	305.	T(2,2)
		C2= 1.000	0.0	1289.5	1289.5	59813.	305.	T(2,2)
207	105 - 106	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
208	105 - 107	C1= 1.000	0.0	1289.5	1289.5	59813.	305.	T(2,2)
		C2= 1.000	0.0	1345.5	1345.5	59813.	305.	T(2,2)
209	111 - 112	C1= 1.000	0.0	128.2	128.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	92.2	92.2	59813.	305.	T(2,2)
210	112 - 113	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
211	112 - 114	C1= 1.000	0.0	92.2	92.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	56.2	56.2	59813.	305.	T(2,2)
212	125 - 126	C1= 1.000	0.0	912.4	912.4	59813.	305.	T(2,2)
		C2= 1.000	0.0	829.9	829.9	59813.	305.	T(2,2)
213	126 - 127	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
214	126 - 128	C1= 1.000	0.0	829.9	829.9	59813.	305.	T(2,2)
		C2= 1.000	0.0	756.7	756.7	59813.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
215	135 - 136	C1= 1.000	0.0	204.9	204.9	59813.	305.	T(2,2)
		C2= 1.000	0.0	296.5	296.5	59813.	305.	T(2,2)
216	136 - 137	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
217	136 - 138	C1= 1.000	0.0	296.5	296.5	59813.	305.	T(2,2)
		C2= 1.000	0.0	390.5	390.5	59813.	305.	T(2,2)
218	144 - 145	C1= 1.000	0.0	61.7	61.7	59813.	305.	T(2,2)
		C2= 1.000	0.0	44.3	44.3	59813.	305.	T(2,2)
219	145 - 146	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
220	145 - 147	C1= 1.000	0.0	44.3	44.3	59813.	305.	T(2,2)
		C2= 1.000	0.0	27.0	27.0	59813.	305.	T(2,2)
221	153 - 154	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
222	156 - 157	C1= 1.000	0.0	1532.3	1532.3	59813.	305.	T(2,2)
		C2= 1.000	0.0	1480.0	1480.0	59813.	305.	T(2,2)
223	157 - 158	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
224	157 - 159	C1= 1.000	0.0	1480.0	1480.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	1430.6	1430.6	59813.	305.	T(2,2)
225	166 - 38	I*= 0.500	0.0	824.8	824.8	26646.	305.	T(2,2)
		I= 1.000	0.0	870.5	870.5	26646.	305.	T(2,2)
226	38 - 167	I*= 0.500	0.0	0.0	0.0	26646.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26646.	305.	T(2,2)

T R S S A N L Y I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS R/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
227	38 - 168	I*= 0.500	0.0	870.5	870.5	26646.	305.	T(2,2)
		I= 1.000	0.0	814.7	814.7	26646.	305.	T(2,2)
228	198 - 54	I*= 0.500	0.0	416.8	416.8	26646.	305.	T(2,2)
		I= 1.000	0.0	421.9	421.9	26646.	305.	T(2,2)
229	54 - 197	I*= 0.500	0.0	0.0	0.0	26646.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26646.	305.	T(2,2)
230	54 - 196	I*= 0.500	0.0	421.9	421.9	26646.	305.	T(2,2)
		I= 1.000	0.0	359.0	359.0	26646.	305.	T(2,2)
231	209 - 210	I*= 0.500	0.0	600.5	600.5	26646.	305.	T(2,2)
		I= 1.000	0.0	504.2	504.2	26646.	305.	T(2,2)
232	210 - 211	I*= 0.500	0.0	0.0	0.0	26646.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26646.	305.	T(2,2) 2,2)
233	210 - 212	I*= 0.500	0.0	504.2	504.2	26646.	305.	T(2,2)
		I= 1.000	0.0	458.7	458.7	26646.	305.	T(2,2)
234	219 - 220	I*= 0.500	0.0	226.8	226.8	26924.	120.	T(2,2)
		I= 1.000	0.0	214.4	214.4	26924.	120.	T(2,2)
235	220 - 221	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
236	220 - 222	I*= 0.500	0.0	214.4	214.4	26924.	120.	T(2,2)
		I= 1.000	0.0	202.3	202.3	26924.	120.	T(2,2) T(2,2)
237	223 - 224	I*= 0.500	0.0	135.1	135.1	26924.	120.	T(2,2)
		I= 1.000	0.0	132.6	132.6	26924.	120.	T(2,2)
238	224 - 225	I*= 0.500	0.0	0.0	0.0	26924.	120	T
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG
239	224 - 226	I*= 0.500	0.0	132.6	132.6	26924.	120:	T(2,2)
		I= 1.000	0.0	131.9	131.9	26924.	120:	T(2,2)
240	232 - 233	I*= 0.500	0.0	137.7	137.7	26924.	120:	T(2,2)
		I= 1.000	0.0	143.5	143.5	26924.	120:	T(2,2)
241	233 - 234	I*= 0.500	0.0	0.0	0.0	26924.	120:	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120:	T(2,2)
242	233 - 235	I*= 0.500	0.0	143.5	143.5	26924.	120:	T(2,2)
		I= 1.000	0.0	149.4	149.4	26924.	120:	T(2,2)
243	244 - 245	I*= 0.500	0.0	377.0	377.0	26924.	120:	T(2,2)
		I= 1.000	0.0	1274.5	1274.5	26924.	120:	T(2,2)
244	245 - 246	I*= 0.500	0.0	0.0	0.0	26924.	120:	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120:	T(2,2)
245	245 - 247	I*= 0.500	0.0	1274.5	1274.5	26924.	120:	T(2,2)
		I= 1.000	0.0	2332.2	2332.2	26924.	120:	T(2,2)
246	248 - 249	I*= 0.500	0.0	432.6	432.6	26924.	120:	T(2,2)
		I= 1.000	0.0	774.2	774.2	26924.	120:	T(2,2)
247	249 - 250	I*= 0.500	0.0	0.0	0.0	26924.	120:	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120:	T(2,2)
248	249 - 251	I*= 0.500	0.0	774.2	774.2	26924.	120:	T(2,2)
		I= 1.000	0.0	1572.1	1572.1	26924.	120:	T(2,2)
249	237 - 238	I*= 0.500	0.0	884.2	884.2	26924.	120.	T(2,2)
		I= 1.000	0.0	1092.3	1092.3	26924.	120.	T(2,2)
250	238 - 239	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG
251	238 - 240	I*= 0.500	0.0	1092.3	1092.3	26924.	120:	T(2,2)
		I= 1.000	0.0	1311.2	1311.2	26924.	120:	T(2,2)
252	120 - 121	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
253	252 - 198	I*= 0.500	0.0	1881.8	1881.8	26783.	213.	T(2,2)
		I= 1.000	0.0	1893.0	1893.0	26783.	213.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

COMP. NO.	COMPONENT TYPE								FAILURE FLAG
		NODE=	182	B1=	1.000	D1=	6.625		
		NA=	0	B2=	1.000	D2=	10.750		
15	CON. REDUCER	NB=	0	C1=	1.000	T1=	0.280		
	PER B16.9	NC=	0	C2=	1.000	T2=	0.365		
		INDEXO=	4	I=	1.278				

PRESSURE STRESS	MOMENT STRESS(*)	CALCULATED STRESS	ALLOWABLE STRESS	
0.0	873.05	1116.01	26783.15	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122		
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162		
		INDEXO= 4		IR= 2.082	IB= 2.082		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	2282.7	4752.8	26645.6	T(2,2)
RUN	0.0	2246.3	4676.9	26645.6	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -25787.7	M2= -5778.0	M3= 120120.4
	(R-2)	M1= 29469.6	M2= -304.8	M3=-139038.4
	(BR)	M1= -3682.0	M2= 6082.9	M3= 18918.0
MAX. BR. LOAD	(R-1)	M1= -25787.7	M2= -5778.0	M3= 120120.4
	(R-2)	M1= 29469.6	M2= -304.8	M3=-139038.4
	(BR)	M1= -3682.0	M2= 6082.9	M3= 18918.0

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 9	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122		
2	BUTT WELD TEE	NB= 102	TR= 0.438	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162		
		INDEXO= 4		IR= 2.082	IB= 2.082		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	4345.1	9046.7	26645.6	T(2,2)
RUN	0.0	3973.8	8273.7	26645.6	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -42516.8	M2= 247293.4	M3= 16031.7
	(R-2)	M1= 52038.2	M2=-137693.8	M3= 61064.8
	(BR)	M1= -9521.4	M2=-109599.5	M3= -77096.5
MAX. BR. LOAD	(R-1)	M1= -42516.8	M2= 247293.4	M3= 16031.7
	(R-2)	M1= 52038.2	M2=-137693.8	M3= 61064.8
	(BR)	M1= -9521.4	M2=-109599.5	M3= -77096.5

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 14	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 130	DB= 14.000	B2R= 1.500	B2B= 1.500	
3	BUTT WELD TEE	NB= 131	TR= 1.406	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 129	TB= 1.406	C2R= 2.000	C2B= 2.000	
		INDEXO= 2		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	953.1	1906.1	59812.5	T(2,2)
RUN	0.0	186.6	373.1	59812.5	T(2,2)
TOTAL			2279.3	59812.5	

MAX. RUN LOAD	(R-1)	M1= -4331.5	M2= 32387.7	M3= 144.4
	(R-2)	M1= 89540.1	M2= -58645.0	M3= 140975.8
	(BR)	M1= -85208.5	M2= 26257.3	M3=-141120.2
MAX. BR. LOAD	(R-1)	M1= -4331.5	M2= 32387.7	M3= 144.4
	(R-2)	M1= 89540.1	M2= -58645.0	M3= 140975.8
	(BR)	M1= -85208.5	M2= 26257.3	M3=-141120.2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 29	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 28	DB= 6.625	B2R= 3.122	B2B= 3.122	
4	BUTT WELD TEE	NB= 192	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 193	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 4		IR= 2.082	IB= 2.082	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	6086.3	12671.9	26645.6	T(2,2)
RUN	0.0	1328.0	2764.9	26645.6	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 50691.6	M2= -47390.2	M3= 47374.3
	(R-2)	M1= 1000.5	M2= 53267.0	M3= -33340.4
	(BR)	M1= -51692.1	M2= -5876.8	M3= -14034.0
MAX. BR. LOAD	(R-1)	M1= 50691.6	M2= -47390.2	M3= 47374.3
	(R-2)	M1= 1000.5	M2= 53267.0	M3= -33340.4
	(BR)	M1= -51692.1	M2= -5876.8	M3= -14034.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	
		INDEXO= 4		IR= 1.968	IB= 1.968	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	1950.6	3838.5	26923.9	T(2,2)
RUN	0.0	776.0	1527.1	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -2789.1	M2= -7425.6	M3= 1808.9
	(R-2)	M1= 198.4	M2= 19736.4	M3= -13639.7
	(BR)	M1= 2590.7	M2= -12310.8	M3= 11830.8
MAX. BR. LOAD	(R-1)	M1= -2789.1	M2= -7425.6	M3= 1808.9
	(R-2)	M1= 198.4	M2= 19736.4	M3= -13639.7
	(BR)	M1= 2590.7	M2= -12310.8	M3= 11830.8

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	
6	BUTT WELD TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	
		INDEXO= 4		IR= 2.172	IB= 2.172	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	9047.5	19654.5	26923.9	T(2,2)
RUN	0.0	3736.6	8117.2	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -6205.7	M2= 92522.5	M3= 127398.2
	(R-2)	M1= 25218.5	M2= -70832.0	M3= 150832.0
	(BR)	M1= -19012.8	M2= -21690.5	M3=-278230.3
MAX. BR. LOAD	(R-1)	M1= -6205.7	M2= 92522.5	M3= 127398.2
	(R-2)	M1= 25218.5	M2= -70832.0	M3= 150832.0
	(BR)	M1= -19012.8	M2= -21690.5	M3=-278230.3

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000		
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173		
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898		
		INDEXO= 4		IR= 1.450	IB= 1.450		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	2530.2	3667.6	26923.9	T(2,2)
RUN	0.0	2159.6	3130.4	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -395.8	M2= 370.1	M3= 7285.2
	(R-2)	M1= 5204.1	M2= -2828.6	M3= -645.1
	(BR)	M1= -4808.4	M2= 2458.4	M3= -6640.1
MAX. BR. LOAD	(R-1)	M1= -395.8	M2= 370.1	M3= 7285.2
	(R-2)	M1= 5204.1	M2= -2828.6	M3= -645.1
	(BR)	M1= -4808.4	M2= 2458.4	M3= -6640.1

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125		
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500		
		INDEXO= 2		IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	331.8	497.7	59812.5	T(2,2)
RUN	0.0	1769.8	1769.8	59812.5	T(2,2)
TOTAL			2267.5	59812.5	

MAX. RUN LOAD	(R-1)	M1= -27327.4	M2= 496.1	M3=-308860.7
	(R-2)	M1= 26257.3	M2= -496.1	M3= 308860.7
	(BR)	M1= 1070.1	M2= 0.0	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= -27327.4	M2= 496.1	M3=-308860.7
	(R-2)	M1= 26257.3	M2= -496.1	M3= 308860.7
	(BR)	M1= 1070.1	M2= 0.0	M3= 0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 2		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	159.6	239.4	59812.5	T(2,2)
RUN	0.0	1945.6	1945.6	59812.5	T(2,2)
TOTAL			2185.0	59812.5	

MAX. RUN LOAD	(R-1)	M1= -7615.8	M2= -6325.7	M3=-340625.6
	(R-2)	M1= 8130.6	M2= 6325.7	M3= 340625.6
	(BR)	M1= -514.8	M2= -0.0	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= -7615.8	M2= -6325.7	M3=-340625.6
	(R-2)	M1= 8130.6	M2= 6325.7	M3= 340625.6
	(BR)	M1= -514.8	M2= -0.0	M3= 0.0

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 4		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	29984.4	T(2,2)
RUN	0.0	31.0	31.0	29984.4	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 0.0	M2= -0.0	M3= -100.0
	(R-2)	M1= 0.0	M2= 0.0	M3= 100.0
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0
MAX. BR. LOAD	(R-1)	M1= 0.0	M2= -0.0	M3= -100.0
	(R-2)	M1= 0.0	M2= 0.0	M3= 100.0
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 149	DR= 3.500	B1R= 1.000	B1B= 1.000		
		NA= 148	DB= 1.315	B2R= 1.000	B2B= 1.412		
11	BRANCH CONNECT.	NB= 150	TR= 0.438	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 151	TB= 0.250	C2R= 1.000	C2B= 1.882		
		INDEXO= 4		IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	29984.4	T(2,2)
RUN	0.0	14.9	14.9	29984.4	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 0.0	M2= 0.0	M3= 48.1
	(R-2)	M1= -0.0	M2= -0.0	M3= -48.1
	(BR)	M1= -0.0	M2= 0.0	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= 0.0	M2= 0.0	M3= 48.1
	(R-2)	M1= -0.0	M2= -0.0	M3= -48.1
	(BR)	M1= -0.0	M2= 0.0	M3= 0.0

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 170	DR= 6.625	B1R= 1.000	B1B= 1.000		
		NA= 169	DB= 1.315	B2R= 1.000	B2B= 2.090		
12	BRANCH CONNECT.	NB= 175	TR= 0.280	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 171	TB= 0.133	C2R= 1.000	C2B= 2.787		
		INDEXO= 4		IR= 1.393	IB= 1.393		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	26923.9	T(2,2)
RUN	0.0	1832.4	2553.4	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 10302.1	M2= 1157.1	M3= 12478.1
	(R-2)	M1= -10302.1	M2= -1157.1	M3= -12478.1
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0
MAX. BR. LOAD	(R-1)	M1= 10302.1	M2= 1157.1	M3= 12478.1
	(R-2)	M1= -10302.1	M2= -1157.1	M3= -12478.1
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 200	DR= 6.625	B1R= 1.000	B1B= 1.000	
		NA= 199	DB= 1.315	B2R= 1.000	B2B= 2.090	
13	BRANCH CONNECT.	NB= 206	TR= 0.280	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 201	TB= 0.133	C2R= 1.000	C2B= 2.787	

INDEXO= 4 IR= 1.393 IB= 1.393

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	435.8	607.3	26923.9	T(2,2)
RUN	0.0	987.7	1376.4	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 4457.1	M2= -225.9	M3= 7520.1
	(R-2)	M1= -4442.3	M2= 217.4	M3= -7458.9
	(BR)	M1= -14.8	M2= 8.5	M3= -61.3
MAX. BR. LOAD	(R-1)	M1= 4457.1	M2= -225.9	M3= 7520.1
	(R-2)	M1= -4442.3	M2= 217.4	M3= -7458.9
	(BR)	M1= -14.8	M2= 8.5	M3= -61.3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 76	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 228	DB= 4.500	B2R= 1.340	B2B= 3.949	
14	BRANCH CONNECT.	NB= 77	TR= 0.375	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 229	TB= 0.237	C2R= 1.786	C2B= 5.265	

INDEXO= 4 IR= 2.633 IB= 2.633

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	6428.2	16923.2	26923.9	T(2,2)
RUN	0.0	2517.0	6626.3	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -25218.5	M2= 88623.8	M3= 47924.5
	(R-2)	M1= 18699.1	M2= -88447.6	M3= -68668.5
	(BR)	M1= 6519.4	M2= -176.2	M3= 20744.0
MAX. BR. LOAD	(R-1)	M1= -25218.5	M2= 88623.8	M3= 47924.5
	(R-2)	M1= 18699.1	M2= -88447.6	M3= -68668.5
	(BR)	M1= 6519.4	M2= -176.2	M3= 20744.0

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
1	1 - 93	I*= 0.500	4794.52	12189.1	14586.3	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	8561.9	10959.1	19899.	305.		D(1)-S(3)
2	93 - 94	I*= 0.500	4794.52	8561.9	10959.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	6595.2	8992.5	19899.	305.		D(1)+S(3)
3	94 - 2	I*= 0.500	4794.52	6595.2	8992.5	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	8019.1	10416.3	19899.	305.		D(1)+S(3)
4	2 - 3	I*= 0.500	4794.52	8019.1	23134.7	19899.	305.		D(1)+S(3)
	(300.)	I= 2.586	4794.52	8051.9	23219.5	19899.	305.		D(1)+S(3)
			4794.52	6314.3	18726.2	19899.	305.	FAIL	D(1)+S(3)
5	3 - 4	I*= 0.500	4794.52	6219.6	8616.8	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	3744.8	6142.1	19899.	305.		D(1)+S(3)
6	4 - 5	I*= 0.500	4794.52	3617.8	9537.0	19899.	305.		D(1)+S(3)
	(300.)	I= 1.973	4794.52	3918.4	10130.1	19899.	305.		D(1)+S(3)
			4794.52	4658.1	11590.0	19899.	305.		D(1)+S(3)
7	5 - 95	I*= 0.500	4794.52	4658.2	11590.1	19899.	305.		D(1)+S(3)
	(300.)	I= 1.973	4794.52	5415.8	13085.4	19899.	305.		D(1)+S(3)
			4794.52	6641.4	15503.9	19899.	305.		D(1)+S(3)
8	95 - 6	I*= 0.500	4794.52	6452.2	8849.5	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	7589.9	9987.1	19899.	305.		D(1)-S(3)
9	6 - 96	I*= 0.500	3549.11	15490.0	17264.6	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	3549.11	12444.3	14218.9	19899.	305.		D(1)-S(3)
10	6 - 97	I*= 0.500	4794.52	7469.7	9867.0	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	8692.8	11090.0	19899.	305.		D(1)-S(3)
11	97 - 98	I*= 0.500	4794.52	8692.9	11090.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	9772.1	12169.3	19899.	305.		D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
12	98 - 7	I*= 0.500	4794.52	9772.0	12169.3	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	11279.5	13676.7	19899.	305.		D(1)-S(3)
13	7 - 8	I*= 0.500	4794.52	11228.3	13625.5	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	8907.7	11304.9	19899.	305.		D(1)-S(3)
			4794.52	10659.0	13056.2	19899.	305.		D(1)-S(3)
14	8 - 99	I*= 0.500	4794.52	10553.0	12950.3	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	14012.5	16409.8	19899.	305.		D(1)+S(3)
15	99 - 100	I*= 0.500	4794.52	14012.5	16409.8	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	10708.8	13106.1	19899.	305.		D(1)-S(3)
16	100 - 101	I*= 0.500	4794.52	10708.8	13106.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	11385.8	13783.1	19899.	305.		D(1)-S(3)
17	101 - 9	I*= 0.500	4794.52	11385.8	13783.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	12301.1	14698.4	19899.	305.		D(1)-S(3)
18	9 - 103	I*= 0.500	4417.81	27519.8	29728.7	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4417.81	20429.1	22638.0	19899.	305.	FAIL	D(1)-S(3)
19	9 - 102	I*= 0.500	4794.52	15073.0	17470.3	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	15519.3	17916.5	19899.	305.		D(1)-S(3)
20	102 - 10	I*= 0.500	4794.52	15519.3	17916.5	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	16053.9	18451.2	19899.	305.		D(1)-S(3)
21	10 - 11	I*= 0.500	4794.52	15978.4	18375.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	11199.3	13596.5	19899.	305.		D(1)-S(3)
			4794.52	15496.9	17894.2	19899.	305.		D(1)-S(3)
22	11 - 104	I*= 0.500	4794.52	15399.5	17796.7	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	16378.6	18775.9	19899.	305.		D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
23	107 - 12	B1= 0.500	1493.60	6903.5	7650.3	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1493.60	8253.2	9000.0	29906.	305.		D(1)-S(3)
24	12 - 13	B1= 1.000	1493.60	8002.3	15739.4	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.780	1493.60	7087.8	14111.3	29906.	305.		D(1)+S(3)
			1493.60	4734.1	9921.2	29906.	305.		D(1)+S(3)
25	13 - 108	B1= 0.500	1493.60	4633.4	5380.2	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.000	1493.60	4243.1	4989.9	29906.	305.		D(1)+S(3)
26	108 - 109	B1= 0.500	1198.63	114242.1	114841.4	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	108393.3	108992.6	29906.	305.	FAIL	D(1)-S(3)
27	109 - 110	B1= 0.500	1198.63	108393.3	108992.6	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	107114.3	107713.7	29906.	305.	FAIL	D(1)-S(3)
28	110 - 111	B1= 0.500	1198.63	107114.3	107713.7	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	106515.9	107115.2	29906.	305.	FAIL	D(1)-S(3)
29	114 - 115	I*= 0.500	1198.63	17073.2	17672.5	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	1198.63	12334.5	12933.8	23925.	305.		D(1)+S(3)
30	115 - 116	I*= 0.500	1198.63	12334.5	12933.8	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	1198.63	6232.2	6831.5	23925.	305.		D(1)+S(3)
31	116 - 117	I*= 0.500	1198.63	6061.4	6660.7	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	1198.63	49.6	648.9	23925.	305.		D(1)-S(3)
32	116 - 118	I*= 0.500	789.00	7073.5	7468.0	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	789.00	5548.3	5942.8	23925.	305.		D(1)+S(3)
33	117 - 119	I*= 0.500	1198.63	49.6	648.9	23925.	305.		D(1)-S(3)
	(300.)	I= 1.000	1198.63	0.0	599.3	23925.	305.		D(1)-S(3)
34	118 - 120	I*= 0.500	789.00	5548.3	5942.8	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	789.00	2607.3	3001.8	23925.	305.		D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
35	108 - 122	B1= 0.500	1493.60	4552.7	5299.5	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	5048.2	5795.0	29906.	305.	D(1)+S(3)
36	122 - 123	B1= 0.500	1493.60	5048.2	5795.0	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	4314.7	5061.5	29906.	305.	D(1)+S(3)
37	123 - 124	B1= 0.500	1493.60	4314.7	5061.5	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	5820.3	6567.1	29906.	305.	D(1)+S(3)
38	124 - 125	B1= 0.500	1493.60	5820.3	6567.1	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	6621.8	7368.6	29906.	305.	D(1)+S(3)
39	128 - 129	B1= 0.500	1493.60	6936.6	7683.4	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	6931.0	7677.7	29906.	305.	D(1)+S(3)
40	129 - 14	B1= 0.500	1493.60	6931.0	7677.7	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	7339.5	8086.3	29906.	305.	D(1)-S(3)
41	14 - 130	B1= 0.500	1493.60	5225.4	5972.2	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	4868.8	5615.6	29906.	305.	D(1)+S(3)
42	14 - 131	B1= 0.500	1493.60	7140.6	7887.4	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	6375.8	7122.6	29906.	305.	D(1)+S(3)
43	131 - 15	B1= 0.500	1493.60	6375.8	7122.6	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	2779.2	3526.0	29906.	305.	D(1)+S(3)
44	15 - 16	B1= 1.000	1493.60	2755.7	6399.3	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.780	1493.60	3015.9	6862.5	29906.	305.	D(1)+S(3)
			1493.60	2388.8	5746.2	29906.	305.	D(1)+S(3)
45	16 - 132	B1= 0.500	1493.60	2341.3	3088.1	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	3162.4	3909.2	29906.	305.	D(1)-S(3)
46	132 - 17	B1= 0.500	1493.60	3162.4	3909.2	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	3034.2	3781.0	29906.	305.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
47	17 - 18	B1= 1.000	1493.60	3044.0	6912.6	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.780	1493.60	2901.5	6658.9	29906.	305.	D(1)-S(3)
			1493.60	2565.7	6061.0	29906.	305.	D(1)-S(3)
48	18 - 19	B1= 0.500	1493.60	2500.2	3247.0	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	1963.6	2710.4	29906.	305.	D(1)-S(3)
49	19 - 20	B1= 1.000	1493.60	1953.4	4971.1	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.780	1493.60	2141.1	5305.1	29906.	305.	D(1)+S(3)
			1493.60	2196.4	5403.7	29906.	305.	D(1)+S(3)
50	20 - 133	B1= 0.500	1493.60	2204.2	2951.0	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	2151.3	2898.1	29906.	305.	D(1)-S(3)
51	133 - 21	B1= 0.500	1493.60	2151.3	2898.1	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	1903.5	2650.3	29906.	305.	D(1)+S(3)
52	21 - 22	B1= 1.000	1493.60	1967.8	4996.7	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.780	1493.60	1620.1	4377.7	29906.	305.	D(1)+S(3)
			1493.60	2017.1	5084.5	29906.	305.	D(1)+S(3)
53	22 - 23	B1= 0.500	1493.60	2025.7	2772.5	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	6404.5	7151.3	29906.	305.	D(1)-S(3)
54	24 - 195	I*= 0.500	4794.52	12526.0	14923.2	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	7998.9	10396.2	19899.	305.	D(1)-S(3)
55	195 - 194	I*= 0.500	4794.52	7998.9	10396.2	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	3576.4	5973.7	19899.	305.	D(1)+S(3)
56	194 - 25	I*= 0.500	4794.52	3580.4	5977.7	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	3216.6	5613.8	19899.	305.	D(1)+S(3)
57	25 - 26	I*= 0.500	4794.52	3216.0	8744.1	19899.	305.	D(1)+S(3)
	(300.)	I= 1.973	4794.52	3282.8	8875.9	19899.	305.	D(1)+S(3)
			4794.52	2860.7	8042.8	19899.	305.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
58	26 - 27	I*= 0.500	4794.52	2865.4	5262.7	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	2722.9	5120.1	19899.	305.	D(1)+S(3)
59	27 - 28	I*= 0.500	4794.52	2702.1	7729.8	19899.	305.	D(1)-S(3)
	(300.)	I= 1.973	4794.52	3371.1	9050.2	19899.	305.	D(1)+S(3)
			4794.52	3807.4	9911.2	19899.	305.	D(1)+S(3)
60	28 - 29	I*= 0.500	4794.52	3747.5	6144.7	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	4063.2	6460.5	19899.	305.	D(1)-S(3)
61	29 - 193	I*= 0.500	3549.11	10111.9	11886.5	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	3549.11	10167.7	11942.3	19899.	305.	D(1)+S(3)
62	29 - 192	I*= 0.500	4794.52	3680.0	6077.3	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	4153.5	6550.8	19899.	305.	D(1)-S(3)
63	192 - 191	I*= 0.500	4794.52	4153.5	6550.8	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	4453.0	6850.2	19899.	305.	D(1)-S(3)
64	191 - 190	I*= 0.500	4794.52	4453.0	6850.2	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	3683.9	6081.2	19899.	305.	D(1)-S(3)
65	190 - 30	I*= 0.500	4794.52	3683.9	6081.2	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	4064.4	6461.6	19899.	305.	D(1)+S(3)
66	30 - 165	I*= 0.500	4794.52	4000.2	6397.4	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	4656.3	7053.5	19899.	305.	D(1)-S(3)
			4794.52	5252.6	7649.9	19899.	305.	D(1)-S(3)
67	165 - 164	I*= 0.500	4794.52	5252.6	7649.9	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	4803.7	7200.9	19899.	305.	D(1)-S(3)
			4794.52	5235.4	7632.7	19899.	305.	D(1)+S(3)
68	164 - 163	I*= 0.500	4794.52	5235.4	7632.7	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	5511.9	7909.1	19899.	305.	D(1)+S(3)
			4794.52	5804.7	8202.0	19899.	305.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
69	163 - 162	I*= 0.500	4794.52	5804.7	8202.0	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	5138.9	7536.1	19899.	305.	D(1)+S(3)
			4794.52	4591.5	6988.8	19899.	305.	D(1)+S(3)
70	162 - 161	I*= 0.500	4794.52	4591.5	6988.8	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	3455.0	5852.3	19899.	305.	D(1)+S(3)
			4794.52	7456.9	9854.2	19899.	305.	D(1)+S(3)
71	161 - 160	I*= 0.500	4794.52	7456.9	9854.2	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	9821.0	12218.2	19899.	305.	D(1)+S(3)
			4794.52	13283.8	15681.1	19899.	305.	D(1)+S(3)
72	31 - 159	I*= 0.500	4794.52	14203.6	16600.8	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	14776.0	17173.2	19899.	305.	D(1)+S(3)
73	156 - 155	B1= 0.500	1493.60	7178.2	7925.0	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	8947.3	9694.1	29906.	305.	D(1)+S(3)
74	155 - 32	B1= 0.500	1493.60	8947.3	9694.1	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	9243.0	9989.8	29906.	305.	D(1)+S(3)
75	32 - 33	B1= 1.000	1493.60	9248.4	17957.6	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.780	1493.60	9667.7	18704.1	29906.	305.	D(1)+S(3)
			1493.60	8460.7	16555.4	29906.	305.	D(1)+S(3)
76	33 - 141	B1= 0.500	1493.60	8378.3	9125.1	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	7426.2	8173.0	29906.	305.	D(1)-S(3)
77	141 - 142	B1= 0.500	1198.63	104692.2	105291.5	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1198.63	98841.6	99440.9	29906.	305.	FAIL D(1)-S(3)
78	142 - 143	B1= 0.500	1198.63	98841.6	99440.9	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1198.63	97438.1	98037.5	29906.	305.	FAIL D(1)-S(3)
79	143 - 144	B1= 0.500	1198.63	97438.1	98037.5	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1198.63	96923.4	97522.7	29906.	305.	FAIL D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
80	147 - 148	I*= 0.500	1198.63	15142.4	15741.7	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	1198.63	10955.3	11554.6	23925.	305.	D(1)+S(3)
81	148 - 149	I*= 0.500	1198.63	10955.3	11554.6	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	1198.63	5563.8	6163.1	23925.	305.	D(1)+S(3)
82	149 - 150	I*= 0.500	1198.63	5375.4	5974.7	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	1198.63	40.8	640.1	23925.	305.	D(1)-S(3)
83	149 - 151	I*= 0.500	789.00	7025.4	7419.9	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	789.00	5493.9	5888.4	23925.	305.	D(1)+S(3)
84	150 - 152	I*= 0.500	1198.63	40.8	640.1	23925.	305.	D(1)-S(3)
	(300.)	I= 1.000	1198.63	0.0	599.3	23925.	305.	D(1)-S(3)
85	151 - 153	I*= 0.500	789.00	5493.9	5888.4	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	789.00	2544.4	2938.9	23925.	305.	D(1)+S(3)
86	141 - 140	B1= 0.500	1493.60	7409.7	8156.5	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	6246.5	6993.3	29906.	305.	D(1)-S(3)
87	140 - 139	B1= 0.500	1493.60	6246.5	6993.3	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	3612.8	4359.6	29906.	305.	D(1)+S(3)
88	139 - 34	B1= 0.500	1493.60	3612.8	4359.6	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	6721.9	7468.7	29906.	305.	D(1)+S(3)
89	34 - 35	B1= 1.000	1493.60	6708.0	13435.3	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.780	1493.60	7211.0	14330.7	29906.	305.	D(1)+S(3)
			1493.60	7280.7	14454.8	29906.	305.	D(1)+S(3)
90	35 - 138	B1= 0.500	1493.60	7285.9	8032.7	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	7124.2	7871.0	29906.	305.	D(1)+S(3)
91	135 - 134	B1= 0.500	1493.60	5383.0	6129.8	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	5789.6	6536.4	29906.	305.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
92	134 - 130	B1= 0.500	1493.60	5789.6	6536.4	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1493.60	4856.3	5603.1	29906.	305.		D(1)+S(3)
93	96 - 36	I*= 0.500	3549.11	12445.0	14219.6	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	3549.11	11039.7	12814.2	19899.	305.		D(1)-S(3)
94	36 - 37	I*= 0.500	3549.11	11042.6	20537.9	19899.	305.		D(1)-S(3)
	(300.)	I= 1.699	3549.11	12392.6	22831.9	19899.	305.		D(1)+S(3)
			3549.11	14110.7	25751.3	19899.	305.	FAIL	D(1)+S(3)
95	37 - 166	I*= 0.500	3549.11	13431.8	15206.4	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	3549.11	10492.2	12266.7	19899.	305.		D(1)+S(3)
96	168 - 169	I*= 0.500	0.0	10540.3	10540.3	20559.	213.		D(1)-S(3)
	(0.)	I= 1.000	0.0	9290.0	9290.0	20559.	213.		D(1)-S(3)
97	169 - 170	I*= 0.500	0.0	9290.0	9290.0	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	6155.2	6155.2	21235.	120.		D(1)-S(3)
98	170 - 171	I*= 0.500	0.0	3979.5	3979.5	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	2788.9	2788.9	21235.	120.		D(1)-S(3)
99	171 - 172	I*= 0.500	0.0	2788.9	2788.9	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1852.2	1852.2	21235.	120.		D(1)+S(3)
100	172 - 173	I*= 0.500	0.0	411.6	411.6	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	23.3	23.3	21235.	120.		D(1)+S(3)
101	173 - 174	I*= 0.500	0.0	104.8	104.8	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.		D(1)-S(3)
102	170 - 175	I*= 0.500	0.0	6196.0	6196.0	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	6052.9	6052.9	21235.	120.		D(1)-S(3)
103	175 - 39	I*= 0.500	0.0	6052.9	6052.9	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	5848.0	5848.0	21235.	120.		D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
104	39 - 40	I*= 0.500	0.0	5946.4	10104.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.699	0.0	4805.4	8165.2	21235.	120.	D(1)-S(3)
			0.0	4338.6	7372.0	21235.	120.	D(1)+S(3)
105	40 - 176	I*= 0.500	0.0	4379.9	4379.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	5125.6	5125.6	21235.	120.	D(1)-S(3)
106	176 - 41	I*= 0.500	0.0	5125.6	5125.6	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	5066.6	5066.6	21235.	120.	D(1)-S(3)
107	41 - 42	I*= 0.500	0.0	5110.2	8683.1	21235.	120.	D(1)+S(3)
	(0.)	I= 1.699	0.0	4966.9	8439.7	21235.	120.	D(1)+S(3)
			0.0	4594.3	7806.5	21235.	120.	D(1)+S(3)
108	42 - 43	I*= 0.500	0.0	4594.3	4594.3	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	4172.4	4172.4	21235.	120.	D(1)+S(3)
109	43 - 44	I*= 0.500	0.0	4020.8	6832.1	21235.	120.	D(1)+S(3)
	(0.)	I= 1.699	0.0	3866.0	6569.1	21235.	120.	D(1)+S(3)
			0.0	4061.3	6900.8	21235.	120.	D(1)-S(3)
110	44 - 177	I*= 0.500	0.0	4117.7	4117.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	7949.8	7949.8	21235.	120.	D(1)-S(3)
111	177 - 178	I*= 0.500	0.0	7949.8	7949.8	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	5552.8	5552.8	21235.	120.	D(1)+S(3)
112	178 - 45	I*= 0.500	0.0	5552.8	5552.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	6874.5	6874.5	21235.	120.	D(1)+S(3)
113	45 - 46	I*= 0.500	0.0	6927.9	11771.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.699	0.0	6940.8	11793.7	21235.	120.	D(1)+S(3)
			0.0	6894.2	11714.6	21235.	120.	D(1)+S(3)
114	46 - 179	I*= 0.500	0.0	6838.2	6838.2	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	8954.1	8954.1	21235.	120.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
115	179 - 180	I*= 0.500	0.0	8954.1	8954.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	10077.0	10077.0	21235.	120.	D(1)+S(3)
116	180 - 181	I*= 0.500	0.0	10077.1	10077.1	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	9417.3	9417.3	21235.	120.	D(1)+S(3)
117	181 - 182	I*= 0.500	0.0	9417.3	9417.3	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	10195.8	10195.8	21235.	120.	D(1)-S(3)
118	182 - 183	I*= 0.500	0.0	2896.6	2896.6	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	3301.2	3301.2	21235.	120.	D(1)-S(3)
119	183 - 59	I*= 0.500	0.0	3301.2	3301.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	3812.9	3812.9	21235.	120.	D(1)-S(3)
120	59 - 184	I*= 0.500	0.0	7376.1	7376.1	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	5396.5	5396.5	21235.	120.	D(1)+S(3)
121	59 - 185	I*= 0.500	0.0	3117.4	3117.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	2726.8	2726.8	21235.	120.	D(1)-S(3)
122	185 - 47	I*= 0.500	0.0	2726.8	2726.8	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	2336.8	2336.8	21235.	120.	D(1)-S(3)
123	47 - 48	I*= 0.500	0.0	2337.3	4566.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.954	0.0	2328.9	4550.3	21235.	120.	D(1)-S(3)
			0.0	2282.6	4459.8	21235.	120.	D(1)+S(3)
124	48 - 186	I*= 0.500	0.0	2284.0	2284.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2251.5	2251.5	21235.	120.	D(1)+S(3)
125	186 - 187	I*= 0.500	0.0	2251.5	2251.5	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2488.8	2488.8	21235.	120.	D(1)+S(3)
126	187 - 188	I*= 0.500	0.0	2488.8	2488.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2731.5	2731.5	21235.	120.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
127	188 - 49	I*= 0.500	0.0	2731.5	2731.5	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1484.6	1484.6	21235.	120.	D(1)+S(3)
128	49 - 50	I*= 0.500	0.0	1444.2	2821.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.954	0.0	1537.0	3003.1	21235.	120.	D(1)-S(3)
			0.0	1615.6	3156.5	21235.	120.	D(1)-S(3)
129	50 - 189	I*= 0.500	0.0	1603.1	1603.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1633.0	1633.0	21235.	120.	D(1)-S(3)
130	51 - 52	I*= 0.500	0.0	1298.6	2537.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.954	0.0	1531.6	2992.5	21235.	120.	D(1)-S(3)
			0.0	1583.7	3094.3	21235.	120.	D(1)+S(3)
131	52 - 53	I*= 0.500	0.0	1597.2	1597.2	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1667.7	1667.7	21235.	120.	D(1)+S(3)
132	184 - 58	I*= 0.500	0.0	5383.2	5383.2	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	4084.5	4084.5	21235.	120.	D(1)+S(3)
133	58 - 57	I*= 0.500	0.0	4172.3	7089.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.699	0.0	3300.0	5607.3	21235.	120.	D(1)-S(3)
			0.0	3624.3	6158.4	21235.	120.	D(1)+S(3)
134	57 - 208	I*= 0.500	0.0	3755.1	3755.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	4615.7	4615.7	21235.	120.	D(1)-S(3)
135	208 - 207	I*= 0.500	0.0	4615.7	4615.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	7828.9	7828.9	21235.	120.	D(1)+S(3)
136	207 - 206	I*= 0.500	0.0	7828.9	7828.9	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	5105.6	5105.6	21235.	120.	D(1)+S(3)
137	206 - 205	I*= 0.500	0.0	3758.4	3758.4	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1162.3	1162.3	21235.	120.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
138	205 - 204	I*= 0.500	0.0	1169.6	1169.6	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1919.1	1919.1	21235.	120.		D(1)+S(3)
139	204 - 203	I*= 0.500	0.0	1919.1	1919.1	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	714.9	714.9	21235.	120.		D(1)-S(3)
140	203 - 202	I*= 0.500	0.0	714.9	714.9	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	764.4	764.4	21235.	120.		D(1)-S(3)
			0.0	887.8	887.8	21235.	120.		D(1)+S(3)
141	202 - 201	I*= 0.500	0.0	881.4	881.4	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1522.4	1522.4	21235.	120.		D(1)+S(3)
142	201 - 200	I*= 0.500	0.0	1522.4	1522.4	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	2919.0	2919.0	21235.	120.		D(1)+S(3)
143	200 - 199	I*= 0.500	0.0	4455.3	4455.3	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	4188.5	4188.5	21235.	120.		D(1)+S(3)
144	199 - 56	I*= 0.500	0.0	4188.5	4188.5	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	4486.1	4486.1	21235.	120.		D(1)-S(3)
145	56 - 55	I*= 0.500	0.0	4399.9	7476.3	21235.	120.		D(1)-S(3)
	(0.)	I= 1.699	0.0	5103.8	8672.2	21235.	120.		D(1)-S(3)
			0.0	5044.5	8571.6	21235.	120.		D(1)-S(3)
146	55 - 252	I*= 0.500	0.0	5233.7	5233.7	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	6271.7	6271.7	21235.	120.		D(1)-S(3)
147	196 - 193	I*= 0.500	3549.11	5974.2	7748.8	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	3549.11	10425.3	12199.8	19899.	305.		D(1)+S(3)
148	103 - 60	I*= 0.500	4417.81	20429.1	22638.0	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4417.81	13635.9	15844.8	19899.	305.	FAIL	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
149	60 - 61	I*= 0.500	4417.81	13392.9	28376.2	19899.	305.		D(1)+S(3)
	(300.)	I= 1.954	4417.81	11265.7	24220.0	19899.	305.		D(1)+S(3)
			4417.81	11682.0	25033.4	19899.	305.	FAIL	D(1)-S(3)
150	61 - 209	I*= 0.500	4417.81	11791.5	14000.4	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4417.81	14968.3	17177.2	19899.	305.		D(1)+S(3)
151	212 - 213	I*= 0.500	0.0	19847.1	19847.1	20559.	213.		D(1)+S(3)
	(0.)	I= 1.000	0.0	11828.9	11828.9	20559.	213.		D(1)-S(3)
152	213 - 62	I*= 0.500	0.0	11829.0	11829.0	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	11258.8	11258.8	21235.	120.		D(1)+S(3)
153	62 - 63	I*= 0.500	0.0	11319.0	22115.4	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	10723.0	20950.9	21235.	120.		D(1)+S(3)
			0.0	10679.1	20865.1	21235.	120.	FAIL	D(1)+S(3)
154	63 - 64	I*= 0.500	0.0	10626.6	10626.6	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	11722.3	11722.3	21235.	120.		D(1)+S(3)
155	64 - 65	I*= 0.500	0.0	11722.3	22903.3	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	10780.2	21062.6	21235.	120.		D(1)+S(3)
			0.0	8517.0	16640.7	21235.	120.	FAIL	D(1)-S(3)
156	65 - 66	I*= 0.500	0.0	8501.8	8501.8	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	7111.4	7111.4	21235.	120.		D(1)+S(3)
157	66 - 67	I*= 0.500	0.0	7313.0	14288.3	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	9799.9	19147.3	21235.	120.		D(1)+S(3)
			0.0	11528.0	22523.6	21235.	120.	FAIL	D(1)+S(3)
158	67 - 214	I*= 0.500	0.0	11452.0	11452.0	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	11728.8	11728.8	21235.	120.		D(1)-S(3)
159	214 - 68	I*= 0.500	0.0	11728.8	11728.8	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	9369.8	9369.8	21235.	120.		D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	0.0	9402.1	18370.0	21235.	120.	D(1)-S(3)
	(0.)	I= 1.954	0.0	9140.0	17857.9	21235.	120.	D(1)-S(3)
			0.0	8926.8	17441.4	21235.	120.	D(1)-S(3)
161	69 - 215	I*= 0.500	0.0	8851.7	8851.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	9782.7	9782.7	21235.	120.	D(1)-S(3)
162	215 - 70	I*= 0.500	0.0	9782.7	9782.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	10974.6	10974.6	21235.	120.	D(1)-S(3)
163	70 - 216	I*= 0.500	0.0	7828.9	7828.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	8186.4	8186.4	21235.	120.	D(1)-S(3)
164	70 - 217	I*= 0.500	0.0	7449.2	7449.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	6132.1	6132.1	21235.	120.	D(1)-S(3)
165	217 - 71	I*= 0.500	0.0	5975.1	12827.4	21235.	120.	D(1)-S(3)
	(0.)	I= 2.147	0.0	5347.1	11479.1	21235.	120.	D(1)-S(3)
			0.0	5183.4	11127.7	21235.	120.	D(1)-S(3)
166	71 - 72	I*= 0.500	0.0	5183.4	11127.7	21235.	120.	D(1)-S(3)
	(0.)	I= 2.147	0.0	5486.8	11779.0	21235.	120.	D(1)-S(3)
			0.0	6018.9	12921.4	21235.	120.	D(1)-S(3)
167	72 - 218	I*= 0.500	0.0	6240.7	6240.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	6683.4	6683.4	21235.	120.	D(1)+S(3)
168	218 - 219	I*= 0.500	0.0	6683.4	6683.4	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	7942.8	7942.8	21235.	120.	D(1)+S(3)
169	222 - 223	I*= 0.500	0.0	8069.6	8069.6	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	7067.3	7067.3	21235.	120.	D(1)+S(3)
170	226 - 73	I*= 0.500	0.0	6936.1	6936.1	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	6383.8	6383.8	21235.	120.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
171	73 - 74	I*= 0.500	0.0	6288.3	13499.6	21235.	120.		D(1)-S(3)
	(0.)	I= 2.147	0.0	3746.1	8042.1	21235.	120.		D(1)+S(3)
			0.0	1183.6	2540.9	21235.	120.		D(1)+S(3)
172	74 - 227	I*= 0.500	0.0	1183.6	1183.6	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	8585.0	8585.0	21235.	120.		D(1)+S(3)
173	227 - 75	I*= 0.500	0.0	8585.0	8585.0	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	28756.0	28756.0	21235.	120.	FAIL	D(1)-S(3)
174	216 - 228	I*= 0.500	0.0	8186.4	8186.4	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	9640.0	9640.0	21235.	120.		D(1)-S(3)
175	228 - 76	I*= 0.500	0.0	9640.0	9640.0	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	8288.6	8288.6	21235.	120.		D(1)-S(3)
176	76 - 77	I*= 0.500	0.0	8006.1	8006.1	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	4507.4	4507.4	21235.	120.		D(1)-S(3)
177	77 - 78	I*= 0.500	0.0	4507.4	9676.5	21235.	120.		D(1)-S(3)
	(0.)	I= 2.147	0.0	3493.8	7500.4	21235.	120.		D(1)+S(3)
			0.0	3033.0	6511.3	21235.	120.		D(1)-S(3)
178	78 - 231	I*= 0.500	0.0	3187.6	3187.6	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	3241.7	3241.7	21235.	120.		D(1)-S(3)
179	231 - 232	I*= 0.500	0.0	3241.7	3241.7	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	2366.4	2366.4	21235.	120.		D(1)+S(3)
180	235 - 79	I*= 0.500	0.0	2119.0	2119.0	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	1932.6	1932.6	21235.	120.		D(1)+S(3)
181	79 - 80	I*= 0.500	0.0	1898.5	4075.6	21235.	120.		D(1)-S(3)
	(0.)	I= 2.147	0.0	1467.4	3150.1	21235.	120.		D(1)-S(3)
			0.0	3308.3	7102.3	21235.	120.		D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3)

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
182	80 - 81	I*= 0.500	0.0	3332.2	3332.2	21235.	120.	D(1)-S(3)
	0.)	I= 1.000	0.0	5737.8	5737.8	21235.	120.	D 1 -S 3
183	76 - 229	I*= 0.500	0.0	7136.3	7136.3	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	6750.3	6750.3	21235.	120.	D(1)+S(3)
184	229 - 230	I*= 0.500	0.0	6750.3	6750.3	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	6509.9	6509.9	21235.	120.	D(1)+S(3)
185	30 - 236	I*= 0.500	0.0	6509.9	6509.9	21235.	120.	D(1)+S(3
	(0.)	I= 1.000	0.0	1405.9	1405.9	21235.	120.	D(1)+S(3)
186	236 - 237	I*= 0.500	0.0	1405.9	1405.9	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1397.8	1397.8	21235.	120.	D(1)+S(3
187	240 - 82	I*= 0.500	0.0	1343.7	1343.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1329.6	1329.6	21235.	120.	D(1)-S(3)
188	82 - 83	I*= 0.500	0.0	1297.3	1899.6	21235.	120.	D(1)-S(3)
	(0.)	I= 1.464	0.0	1162.0	1701.5	21235.	120.	D(1)-S(3)
			0.0	1059.1	1550.7	21235.	120.	D(1)+S(3)
189	83 - 84	I*= 0.500	0.0	1059.1	1059.1	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	940.9	940.9	21235.	120.	D(1)+S(3)
190	84 - 85	I*= 0.500	0.0	937.5	1372.7	21235.	120.	D(1)+S(3
	(0.)	I= 1.464	0.0	921.2	1348.9	21235.	120.	D(1)+S(3)
			0.0	819.3	1199.6	21235.	120.	D(1)-S(3)
191	85 - 241	I*= 0.500	0.0	838.4	838.4	21235.	120	D(1)-S
	(0.)	I= 1.000	0.0	891.5	891.5	21235.	120.	D(1)+S(3)
192	241 - 86	I*= 0.500	0.0	891.5	891.5	21235.	120.	D(1)+S(3)
		I= 1.000	0.0	1027.0	1027.0	21235.	12	

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 18) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
193	86 - 242	I*= 0.500	0.0	569.4	569.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	559.9	559.9	21235.	120.	D(1)-S(3)
194	86 - 243	I*= 0.500	0.0	608.9	608.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	553.3	553.3	21235.	120.	D(1)-S(3)
195	242 - 87	I*= 0.500	0.0	558.9	818.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.464	0.0	533.8	781.7	21235.	120.	D(1)-S(3)
			0.0	485.9	711.4	21235.	120.	D(1)-S(3)
196	87 - 88	I*= 0.500	0.0	485.9	711.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.464	0.0	431.6	632.0	21235.	120.	D(1)-S(3)
			0.0	378.7	554.5	21235.	120.	D(1)-S(3)
197	88 - 244	I*= 0.500	0.0	378.5	378.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	373.7	373.7	21235.	120.	D(1)-S(3)
198	247 - 89	I*= 0.500	0.0	992.1	992.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1218.0	1218.0	21235.	120.	D(1)-S(3)
199	243 - 90	I*= 0.500	0.0	548.1	802.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.464	0.0	526.6	771.1	21235.	120.	D(1)-S(3)
			0.0	490.5	718.2	21235.	120.	D(1)-S(3)
200	90 - 91	I*= 0.500	0.0	490.5	718.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.464	0.0	442.2	647.5	21235.	120.	D(1)-S(3)
			0.0	384.3	562.7	21235.	120.	D(1)-S(3)
201	91 - 248	I*= 0.500	0.0	383.3	383.3	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	372.4	372.4	21235.	120.	D(1)-S(3)
202	251 - 92	I*= 0.500	0.0	877.4	877.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1079.9	1079.9	21235.	120.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
203	160 - 31	I*= 0.500	4794.52	13283.8	15681.1	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	13685.3	16082.6	19899.	305.		D(1)+S(3)
			4794.52	14123.0	16520.3	19899.	305.		D(1)+S(3)
204	189 - 51	I*= 0.500	0.0	1634.5	1634.5	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1591.2	1591.2	21235.	120.		D(1)-S(3)
205	200 - 206	I*= 0.500	0.0	4380.7	4380.7	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	5019.1	5019.1	21235.	120.		D(1)+S(3)
206	104 - 105	B1= 0.500	0.0	4251.3	4251.3	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	5040.5	5040.5	29906.	305.		D(1)+S(3)
207	105 - 106	B1= 0.500	0.0	4722.6	4722.6	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.		D(1)+S(3)
208	105 - 107	B1= 0.500	0.0	5363.7	5363.7	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	4658.8	4658.8	29906.	305.		D(1)-S(3)
209	111 - 112	B1= 0.500	0.0	62089.4	62089.4	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	62904.5	62904.5	29906.	305.	FAIL	D(1)-S(3)
210	112 - 113	B1= 0.500	0.0	68815.4	68815.4	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL	D(1)+S(3)
211	112 - 114	B1= 0.500	0.0	16255.7	16255.7	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	9952.2	9952.2	29906.	305.		D(1)+S(3)
212	125 - 126	B1= 0.500	0.0	4468.7	4468.7	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	5606.9	5606.9	29906.	305.		D(1)+S(3)
213	126 - 127	B1= 0.500	0.0	3477.6	3477.6	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.		D(1)+S(3)
214	126 - 128	B1= 0.500	0.0	5404.6	5404.6	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	4681.1	4681.1	29906.	305.		D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 18) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
215	135 - 136	B1= 0.500	0.0	3627.2	3627.2	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	5052.1	5052.1	29906.	305.		D(1)+S(3)
216	136 - 137	B1= 0.500	0.0	4013.7	4013.7	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.		D(1)-S(3)
217	136 - 138	B1= 0.500	0.0	4500.4	4500.4	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	4805.9	4805.9	29906.	305.		D(1)+S(3)
218	144 - 145	B1= 0.500	0.0	56497.8	56497.8	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	57158.7	57158.7	29906.	305.	FAIL	D(1)-S(3)
219	145 - 146	B1= 0.500	0.0	63871.8	63871.8	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL	D(1)+S(3)
220	145 - 147	B1= 0.500	0.0	14395.8	14395.8	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	8826.7	8826.7	29906.	305.		D(1)+S(3)
221	153 - 154	I*= 0.500	0.0	829.2	829.2	23925.	305.		D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	23925.	305.		D(1)+S(3)
222	156 - 157	B1= 0.500	0.0	4819.7	4819.7	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	6078.8	6078.8	29906.	305.		D(1)+S(3)
223	157 - 158	B1= 0.500	0.0	5252.0	5252.0	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.		D(1)-S(3)
224	157 - 159	B1= 0.500	0.0	4669.8	4669.8	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	3775.6	3775.6	29906.	305.		D(1)-S(3)
225	166 - 38	I*= 0.500	1421.70	2310.4	3021.2	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	1421.70	2604.1	3315.0	19899.	305.		D(1)+S(3)
226	38 - 167	I*= 0.500	1421.70	738.3	1449.2	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	1421.70	0.0	710.9	19899.	305.		D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
227	38 - 168	I*= 0.500	1421.70	2562.0	3272.9	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1421.70	2321.0	3031.9	19899.	305.	D(1)-S(3)
228	198 - 54	I*= 0.500	1421.70	1114.2	1825.0	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1421.70	1288.9	1999.7	19899.	305.	D(1)-S(3)
229	54 - 197	I*= 0.500	1421.70	708.6	1419.5	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1421.70	0.0	710.9	19899.	305.	D(1)+S(3)
230	54 - 196	I*= 0.500	1421.70	1508.1	2219.0	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1421.70	1315.5	2026.4	19899.	305.	D(1)-S(3)
231	209 - 210	I*= 0.500	1459.92	3656.8	4386.7	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	1459.92	4259.5	4989.4	19899.	305.	D(1)+S(3)
232	210 - 211	I*= 0.500	1459.92	3791.8	4521.8	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1459.92	0.0	730.0	19899.	305.	D(1)-S(3)
233	210 - 212	I*= 0.500	1459.92	5453.5	6183.4	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	1459.92	4848.9	5578.8	19899.	305.	D(1)+S(3)
234	219 - 220	I*= 0.500	0.0	2188.2	2188.2	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2194.0	2194.0	21235.	120.	D(1)+S(3)
235	220 - 221	I*= 0.500	0.0	112.5	112.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)+S(3)
236	220 - 222	I*= 0.500	0.0	2253.3	2253.3	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2223.1	2223.1	21235.	120.	D(1)+S(3)
237	223 - 224	I*= 0.500	0.0	1947.0	1947.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1907.0	1907.0	21235.	120.	D(1)+S(3)
238	224 - 225	I*= 0.500	0.0	130.5	130.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
239	224 - 226	I*= 0.500	0.0	1988.0	1988.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1910.9	1910.9	21235.	120.	D(1)+S(3)
240	232 - 233	I*= 0.500	0.0	651.9	651.9	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	635.4	635.4	21235.	120.	D(1)+S(3)
241	233 - 234	I*= 0.500	0.0	38.5	38.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)+S(3)
242	233 - 235	I*= 0.500	0.0	607.9	607.9	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	583.8	583.8	21235.	120.	D(1)+S(3)
243	244 - 245	I*= 0.500	0.0	99.3	99.3	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	109.2	109.2	21235.	120.	D(1)-S(3)
244	245 - 246	I*= 0.500	0.0	0.6	0.6	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)+S(3)
245	245 - 247	I*= 0.500	0.0	109.7	109.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	263.7	263.7	21235.	120.	D(1)-S(3)
246	248 - 249	I*= 0.500	0.0	99.0	99.0	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	103.7	103.7	21235.	120.	D(1)-S(3)
247	249 - 250	I*= 0.500	0.0	0.6	0.6	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)-S(3)
248	249 - 251	I*= 0.500	0.0	104.2	104.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	233.2	233.2	21235.	120.	D(1)-S(3)
249	237 - 238	I*= 0.500	0.0	371.6	371.6	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	374.3	374.3	21235.	120.	D(1)+S(3)
250	238 - 239	I*= 0.500	0.0	133.4	133.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
251	238 - 240	I*= 0.500	0.0	381.2	381.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	357.2	357.2	21235.	120.	D(1)-S(3)
252	120 - 121	I*= 0.500	712.50	830.1	1186.3	23925.	305.	D(1)-S(3)
	(300.)	I= 1.000	712.50	0.0	356.2	23925.	305.	D(1)+S(3)
253	252 - 198	I*= 0.500	0.0	6271.7	6271.7	20559.	213.	D(1)-S(3)
	(0.)	I= 1.000	0.0	5059.9	5059.9	20559.	213.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z HOT LEG*ID #1,2,3) ****

COMP. NO.	COMPONENT TYPE					FAILURE FLAG
		NODE=	182	B1= 1.000	D1= 6.625	
		NA=	0	B2= 1.000	D2= 10.750	
15	CON. REDUCER	NB=	0	C1= 1.000	T1= 0.280	
	PER 816.9	NC=	0	C2= 1.000	T2= 0.365	
		INDEXO=	3	I= 1.000	PRESS= 0.0	

PRESSURE STRESS	MOMENT STRESS(*)	CALCULATED STRESS	ALLOWABLE STRESS	
0.0	9783.90	9783.90	20559.13	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122		
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500		FAIL
	PER B16.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162		

INDEXO= 3 PRESS= 300.0 IR= 1.562 IB= 1.562

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3549.1	13026.1	22115.2	19899.0	D(1)+S(3)
RUN	4794.5	7522.6	14144.0	19899.0	D(1)-S(3)

MAX. RUN LOAD	(R-1)	M1=-144847.4	M2=-323505.1	M3= 317664.8
	(R-2)	M1=-113331.7	M2=-245625.2	M3= 327708.9
	(BR)	M1= -14320.4	M2=-107337.0	M3= 21467.8
MAX. BR. LOAD	(R-1)	M1= 175809.9	M2= 270906.3	M3=-318528.0
	(R-2)	M1= 128087.2	M2= 296134.5	M3=-329872.4
	(BR)	M1= -31397.5	M2= 109426.4	M3= -18441.1

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 9	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122		
2	BUTT WELD TEE	NB= 102	TR= 0.438	C1R= 1.500	C1B= 1.500		FAIL
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162		

INDEXO= 3 PRESS= 300.0 IR= 1.562 IB= 1.562

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	4417.8	26455.5	43519.9	19899.0	D(1)+S(3)
RUN	4794.5	14771.6	25463.6	19899.0	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -64816.4	M2= 598771.0	M3= 357954.5
	(R-2)	M1= 133730.3	M2= 613229.6	M3= 692531.0
	(BR)	M1=-186074.6	M2= 585398.3	M3= 540073.5
MAX. BR. LOAD	(R-1)	M1= -64816.4	M2= 598771.0	M3= 357954.5
	(R-2)	M1= 133730.3	M2= 613229.6	M3= 692531.0
	(BR)	M1=-186074.6	M2= 585398.3	M3= 540073.5

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 14	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 130	DB= 14.000	B2R= 1.500	B2B= 1.500	
3	BUTT WELD TEE	N8= 131	TR= 1.406	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 129	TB= 1.406	C2R= 2.000	C2B= 2.000	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	1493.6	6751.8	11621.3	29906.2	D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2	D(1)-S(3)
TOTAL			11621.3	29906.2	

MAX. RUN LOAD	(R-1)	M1= 309972.9	M2=-580294.2	M3= 447204.0
	(R-2)	M1= 584448.4	M2= -69238.3	M3= 985100.0
	(BR)	M1= 565646.5	M2=-550172.8	M3= 784571.8
MAX. BR. LOAD	(R-1)	M1=-192361.7	M2= 606101.9	M3=-441643.1
	(R-2)	M1=-553765.3	M2= 98107.8	M3=-973221.8
	(BR)	M1=-713940.8	M2= 495495.6	M3=-802010.9

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 29	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 28	DB= 6.625	B2R= 3.122	B2B= 3.122	
4	BUTT WELD TEE	NB= 192	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 193	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3549.1	9509.6	16624.0	19899.0	D(1)+S(3)
RUN	4794.5	3940.2	8550.0	19899.0	D(1)-S(3)

MAX. RUN LOAD	(R-1)	M1= -57968.0	M2=-206171.6	M3=-127612.0
	(R-2)	M1= -45238.8	M2=-212676.5	M3= -49997.3
	(BR)	M1= -22149.1	M2= -56524.1	M3= -57430.5
MAX. BR. LOAD	(R-1)	M1= 71171.7	M2= 211004.8	M3= 95577.8
	(R-2)	M1= 41158.5	M2= 207607.2	M3= 78659.6
	(BR)	M1= 13025.6	M2= 56760.3	M3= 60802.4

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	I I
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	

INDEXO= 3 PRESS= 0.0 IR= 1.476 IB= 1.476

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	6930.4	10228.6	21234.8	D(1)-S(3)
RUN	0.0	3642.1	5375.3	21234.8	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -31207.6	M2= 38231.8	M3=-101209.6
	(R-2)	M1= -44612.1	M2= 24263.9	M3= -43042.6
	(BR)	M1= -27097.4	M2= 53763.5	M3= -8746.8
MAX. BR. LOAD	(R-1)	M1= 35308.2	M2= -37917.4	M3= 61898.3
	(R-2)	M1= 42494.6	M2= -24192.8	M3= 76891.4
	(BR)	M1= 25114.3	M2= -54149.1	M3= 14209.4

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	I I
6	BUTT WELD TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	

INDEXO= 3 PRESS= 0.0 IR= 1.629 IB= 1.629

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	10555.5	17197.7	21234.8	D(1)-S(3)
RUN	0.0	7464.2	12161.1	21234.8	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1=-196882.2	M2= 155336.1	M3= 208920.3
	(R-2)	M1=-187208.4	M2= 74697.6	M3= 269655.3
	(BR)	M1= -74451.1	M2= 163758.1	M3= 243166.1
MAX. BR. LOAD	(R-1)	M1= 175850.9	M2= -94541.6	M3=-206942.8
	(R-2)	M1= 168277.0	M2=-129014.3	M3=-260970.6
	(BR)	M1= 114413.8	M2=-170235.8	M3=-253828.2

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173	
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898	
		INDEXO= 3	PRESS= 0.0	IR= 1.087	IB= 1.087	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	949.9	1032.7	21234.8	D(1)+S(3)
RUN	0.0	557.7	606.3	21234.8	D(1)-S(3)

MAX. RUN LOAD	(R-1)	M1= 1057.0	M2= -205.7	M3= 902.1
	(R-2)	M1= 1711.5	M2= -714.7	M3= 344.4
	(BR)	M1= 1035.1	M2= -987.8	M3= 2688.9
MAX. BR. LOAD	(R-1)	M1= -1782.6	M2= 291.0	M3= -295.6
	(R-2)	M1= -1188.1	M2= 885.3	M3= -624.0
	(BR)	M1= -832.9	M2= 731.9	M3= -3015.8

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125	
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 109	T8= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	1198.6	103150.9	117243.4	29906.2		D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2		D(1)-S(3)
TOTAL			117538.3	29906.2	FAIL	

MAX. RUN LOAD	(R-1)	M1= 244817.0	M2= 479377.2	M3= 387753.8
	(R-2)	M1= 161984.3	M2= 512281.3	M3= 457611.0
	(BR)	M1= 298032.7	M2= 29822.1	M3= 120011.1
MAX. 8R. LOAD	(R-1)	M1=-150878.2	M2=-485300.6	M3=-410362.2
	(R-2)	M1=-244944.0	M2=-507974.8	M3=-435002.6
	(BR)	M1=-309011.8	M2= -28205.1	M3=-120011.1

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	

INDEXO= 1 PRESS= 300.0 IR= 1.000 IB= 1.000

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	1198.6	94239.4	107217.9	29906.2		D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2		D(1)-S(3)
TOTAL			107512.9	29906.2	FAIL	

MAX. RUN LOAD	(R-1)	M1= 293639.7	M2= 30181.8	M3=1137935.8
	(R-2)	M1= 296554.9	M2= 77847.5	M3=1148521.5
	(BR)	M1= 206984.4	M2=-177449.6	M3= 119000.2
MAX. BR. LOAD	(R-1)	M1=-290840.2	M2=-101077.3	M3=*********
	(R-2)	M1=-290851.6	M2= -7805.0	M3=*********
	(BR)	M1=-215487.2	M2= 178302.6	M3=-119000.2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	

INDEXO= 3 PRESS= 300.0 IR= 1.000 IB= 1.000

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	5997.5	6392.0	23925.0	D(1)+S(3)
RUN	1198.6	5460.8	6060.1	23925.0	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -11902.2	M2= -12873.5	M3= -1680.9
	(R-2)	M1= -11339.9	M2= -12747.3	M3= 582.0
	(BR)	M1= -654.6	M2= -1132.4	M3= -270.5
MAX. BR. LOAD	(R-1)	M1= -11902.2	M2= -12873.5	M3= -1680.9
	(R-2)	M1= -11339.9	M2= -12747.3	M3= 582.0
	(BR)	M1= -654.6	M2= -1132.4	M3= -270.5

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 149	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 148	DB= 1.315	B2R= 1.000	B2B= 1.412	
11	BRANCH CONNECT.	NB= 150	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 151	TB= 0.250	C2R= 1.000	C2B= 1.882	

INDEXO= 3 PRESS= 300.0 IR= 1.000 IB= 1.000

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	6085.8	6480.3	23925.0	D(1)+S(3)
RUN	1198.6	4937.7	5537.0	23925.0	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -6944.1	M2= -11034.1	M3= -9146.3
	(R-2)	M1= -7261.1	M2= -10958.8	M3= -6599.2
	(BR)	M1= -564.3	M2= -812.2	M3= -926.8
MAX. BR. LOAD	(R-1)	M1= -6944.1	M2= -11034.1	M3= -9146.3
	(R-2)	M1= -7261.1	M2= -10958.8	M3= -6599.2
	(BR)	M1= -564.3	M2= -812.2	M3= -926.8

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 170	DR= 6.625	B1R= 1.000	B1B= 1.000	
		NA= 169	DB= 1.315	B2R= 1.000	B2B= 2.090	
12	BRANCH CONNECT.	NB= 175	TR= 0.280	C1R= 2.000	C1B= 2.000	
	PER N8-3643	NC= 171	TB= 0.133	C2R= 1.000	C2B= 2.787	

INDEXO= 3 PRESS= 0.0 IR= 1.045 IB= 1.045

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	3622.3	3785.8	21234.8	D(1)+S(3)
RUN	0.0	5881.1	6146.4	21234.8	D(1)-S(3)

MAX. RUN LOAD	(R-1)	M1= 11777.6	M2= 16281.6	M3= -45889.0
	(R-2)	M1= 20041.1	M2= 16942.3	M3= -44970.4
	(BR)	M1= -35.5	M2= 500.3	M3= -166.9
MAX. BR. LOAD	(R-1)	M1= -20106.3	M2= -16942.3	M3= 44542.4
	(R-2)	M1= -11712.4	M2= -16281.6	M3= 46316.9
	(BR)	M1= 35.5	M2= -500.3	M3= 166.9

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 200	DR= 6.625	B1R= 1.000	B1B= 1.000	
		NA= 199	DB= 1.315	B2R= 1.000	B2B= 2.090	
13	BRANCH CONNECT.	NB= 206	TR= 0.280	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 201	TB= 0.133	C2R= 1.000	C2B= 2.787	

INDEXO= 3 PRESS= 0.0 IR= 1.045 IB= 1.045

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	2713.8	2836.2	21234.8	D(1)+S(3)
RUN	0.0	4200.7	4390.2	21234.8	D(1)-S(3)

MAX. RUN LOAD	(R-1)	M1= 14191.9	M2= 26569.1	M3= -21813.2
	(R-2)	M1= 17628.0	M2= 25875.7	M3= -13922.8
	(BR)	M1= 109.0	M2= 267.1	M3= -160.6
MAX. BR. LOAD	(R-1)	M1= -17548.1	M2= -25881.7	M3= 14122.8
	(R-2)	M1= -14282.6	M2= -26555.8	M3= 21505.4
	(BR)	M1= -98.2	M2= -274.4	M3= 268.2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 76	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 228	DB= 4.500	B2R= 1.340	B2B= 3.949	
14	BRANCH CONNECT.	NB= 77	TR= 0.375	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 229	TB= 0.237	C2R= 1.786	C2B= 5.265	

INDEXO= 3 PRESS= 0.0 IR= 1.974 IB= 1.974

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	6501.0	12836.1	21234.8	D(1)-S(3)
RUN	0.0	8012.4	15820.4	21234.8	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1=-168277.0	M2=-151567.1	M3= 281624.0
	(R-2)	M1=-165424.0	M2=-155301.0	M3= 129735.3
	(BR)	M1= -3107.6	M2= -4676.7	M3= 21008.7
MAX. BR. LOAD	(R-1)	M1= 187208.4	M2= 155802.9	M3=-133735.0
	(R-2)	M1= 148674.6	M2= 150897.7	M3=-277202.0
	(BR)	M1= 925.7	M2= 4844.2	M3= -21431.1

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
1	1 - 93	I*= 0.500	0.0	11961.6	11961.6	19899.	305.		S(3)
		I= 1.000	0.0	8552.3	8552.3	19899.	305.		S(3)
2	93 - 94	I*= 0.500	0.0	8552.3	8552.3	19899.	305.		S(3)
		I= 1.000	0.0	6369.6	6369.6	19899.	305.		S(3)
3	94 - 2	I*= 0.500	0.0	6369.6	6369.6	19899.	305.		S(3)
		I= 1.000	0.0	7771.5	7771.5	19899.	305.		S(3)
4	2 - 3	I*= 0.500	0.0	7771.5	20097.1	19899.	305.		S(3)
		I= 2.586	0.0	7830.1	20248.8	19899.	305.		S(3)
			0.0	6132.9	15859.8	19899.	305.	FAIL	S(3)
5	3 - 4	I*= 0.500	0.0	6110.0	6110.0	19899.	305.		S(3)
		I= 1.000	0.0	3680.4	3680.4	19899.	305.		S(3)
6	4 - 5	I*= 0.500	0.0	3467.4	6842.8	19899.	305.		S(3)
		I= 1.973	0.0	3730.8	7362.7	19899.	305.		S(3)
			0.0	4408.5	8700.1	19899.	305.		S(3)
7	5 - 95	I*= 0.500	0.0	4408.6	8700.2	19899.	305.		S(3)
		I= 1.973	0.0	5143.0	10149.7	19899.	305.		S(3)
			0.0	6357.3	12546.1	19899.	305.		S(3)
8	95 - 6	I*= 0.500	0.0	6357.3	6357.3	19899.	305.		S(3)
		I= 1.000	0.0	7561.1	7561.1	19899.	305.		S(3)
9	6 - 96	I*= 0.500	0.0	13010.5	13010.5	19899.	305.		S(3)
		I= 1.000	0.0	11283.8	11283.8	19899.	305.		S(3)
10	6 - 97	I*= 0.500	0.0	7216.4	7216.4	19899.	305.		S(3)
		I= 1.000	0.0	8266.5	8266.5	19899.	305.		S(3)
11	97 - 98	I*= 0.500	0.0	8266.6	8266.6	19899.	305.		S(3)
		I= 1.000	0.0	9174.9	9174.9	19899.	305.		S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
12	98 - 7	I*= 0.500	0.0	9174.7	9174.7	19899.	305.	S(3)
		I= 1.000	0.0	11114.2	11114.2	19899.	305.	S(3)
13	7 - 8	I*= 0.500	0.0	11114.2	11114.2	19899.	305.	S(3)
		I= 1.000	0.0	8645.4	8645.4	19899.	305.	S(3)
			0.0	10135.4	10135.4	19899.	305.	S(3)
14	8 - 99	I*= 0.500	0.0	10135.5	10135.5	19899.	305.	S(3)
		I= 1.000	0.0	13862.7	13862.7	19899.	305.	S(3)
15	99 - 100	I*= 0.500	0.0	13862.7	13862.7	19899.	305.	S(3)
		I= 1.000	0.0	10619.8	10619.8	19899.	305.	S(3)
16	100 - 101	I*= 0.500	0.0	10619.8	10619.8	19899.	305.	S(3)
		I= 1.000	0.0	11020.9	11020.9	19899.	305.	S(3)
17	101 - 9	I*= 0.500	0.0	11020.9	11020.9	19899.	305.	S(3)
		I= 1.000	0.0	11839.0	11839.0	19899.	305.	S(3)
18	9 - 103	I*= 0.500	0.0	27146.6	27146.6	19899.	305.	S(3)
		I= 1.000	0.0	20068.4	20068.4	19899.	305.	FAIL S(3)
19	9 - 102	I*= 0.500	0.0	14697.8	14697.8	19899.	305.	S(3)
		I= 1.000	0.0	14757.0	14757.0	19899.	305.	S(3)
20	102 - 10	I*= 0.500	0.0	14757.0	14757.0	19899.	305.	S(3)
		I= 1.000	0.0	14976.8	14976.8	19899.	305.	S(3)
21	10 - 11	I*= 0.500	0.0	14976.8	14976.8	19899.	305.	S(3)
		I= 1.000	0.0	10955.2	10955.2	19899.	305.	S(3)
			0.0	14227.7	14227.7	19899.	305.	S(3)
22	11 - 104	I*= 0.500	0.0	14227.7	14227.7	19899.	305.	S(3)
		I= 1.000	0.0	15162.7	15162.7	19899.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
23	107 - 12	B1= 0.500	0.0	6786.8	6786.8	29906.	305.		S(3)
		B2= 1.000	0.0	7887.3	7887.3	29906.	305.		S(3)
24	12 - 13	B1= 1.000	0.0	7887.3	14041.1	29906.	305.		S(3)
		B2= 1.780	0.0	6763.7	12040.9	29906.	305.		S(3)
			0.0	4550.2	8100.2	29906.	305.		S(3)
25	13 - 108	B1= 0.500	0.0	4550.2	4550.2	29906.	305.		S(3)
		B2= 1.000	0.0	4115.7	4115.7	29906.	305.		S(3)
26	108 - 109	B1= 0.500	0.0	113797.8	113797.8	29906.	305.		S(3)
		B2= 1.000	0.0	108070.9	108070.9	29906.	305.	FAIL	S(3)
27	109 - 110	B1= 0.500	0.0	108070.9	108070.9	29906.	305.		S(3)
		B2= 1.000	0.0	106807.5	106807.5	29906.	305.	FAIL	S(3)
28	110 - 111	B1= 0.500	0.0	106807.5	106807.5	29906.	305.		S(3)
		B2= 1.000	0.0	106228.8	106228.8	29906.	305.	FAIL	S(3)
29	114 - 115	I*= 0.500	0.0	16714.0	16714.0	23925.	305.		S(3)
		I= 1.000	0.0	12073.5	12073.5	23925.	305.		S(3)
30	115 - 116	I*= 0.500	0.0	12073.5	12073.5	23925.	305.		S(3)
		I= 1.000	0.0	6101.5	6101.5	23925.	305.		S(3)
31	116 - 117	I*= 0.500	0.0	5925.2	5925.2	23925.	305.		S(3)
		I= 1.000	0.0	44.1	44.1	23925.	305.		S(3)
32	116 - 118	I*= 0.500	0.0	6985.1	6985.1	23925.	305.		S(3)
		I= 1.000	0.0	5461.3	5461.3	23925.	305.		S(3)
33	117 - 119	I*= 0.500	0.0	44.1	44.1	23925.	305.		S(3)
		I= 1.000	0.0	0.0	0.0	23925.	305.		S(3)
34	118 - 120	I*= 0.500	0.0	5461.3	5461.3	23925.	305.		S(3)
		I= 1.000	0.0	2527.0	2527.0	23925.	305.		S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
35	108 - 122	B1= 0.500	0.0	4436.3	4436.3	29906.	305.	S(3)
		B2= 1.000	0.0	4918.7	4918.7	29906.	305.	S(3)
36	122 - 123	B1= 0.500	0.0	4918.7	4918.7	29906.	305.	S(3)
		B2= 1.000	0.0	3993.9	3993.9	29906.	305.	S(3)
37	123 - 124	B1= 0.500	0.0	3993.9	3993.9	29906.	305.	S(3)
		B2= 1.000	0.0	5269.8	5269.8	29906.	305.	S(3)
38	124 - 125	B1= 0.500	0.0	5269.8	5269.8	29906.	305.	S(3)
		B2= 1.000	0.0	6036.5	6036.5	29906.	305.	S(3)
39	128 - 129	B1= 0.500	0.0	6730.8	6730.8	29906.	305.	S(3)
		B2= 1.000	0.0	6835.1	6835.1	29906.	305.	S(3)
40	129 - 14	B1= 0.500	0.0	6835.1	6835.1	29906.	305.	S(3)
		B2= 1.000	0.0	7180.4	7180.4	29906.	305.	S(3)
41	14 - 130	B1= 0.500	0.0	4906.0	4906.0	29906.	305.	S(3)
		B2= 1.000	0.0	4730.0	4730.0	29906.	305.	S(3)
42	14 - 131	B1= 0.500	0.0	7119.0	7119.0	29906.	305.	S(3)
		B2= 1.000	0.0	6361.3	6361.3	29906.	305.	S(3)
43	131 - 15	B1= 0.500	0.0	6361.3	6361.3	29906.	305.	S(3)
		B2= 1.000	0.0	2745.4	2745.4	29906.	305.	S(3)
44	15 - 16	B1= 1.000	0.0	2745.4	4887.4	29906.	305.	S(3)
		B2= 1.780	0.0	2983.9	5311.9	29906.	305.	S(3)
			0.0	2284.6	4067.2	29906.	305.	S(3)
45	16 - 132	B1= 0.500	0.0	2284.6	2284.6	29906.	305.	S(3)
		B2= 1.000	0.0	3013.2	3013.2	29906.	305.	S(3)
46	132 - 17	B1= 0.500	0.0	3013.2	3013.2	29906.	305.	S(3)
		B2= 1.000	0.0	2987.0	2987.0	29906.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
47	17 - 18	B1= 1.000	0.0	2987.0	5317.6	29906.	305.	S(3)
		B2= 1.780	0.0	2837.2	5050.8	29906.	305.	S(3)
			0.0	2495.3	4442.1	29906.	305.	S(3)
48	18 - 19	B1= 0.500	0.0	2495.3	2495.3	29906.	305.	S(3)
		B2= 1.000	0.0	1946.2	1946.2	29906.	305.	S(3)
49	19 - 20	B1= 1.000	0.0	1946.2	3464.7	29906.	305.	S(3)
		B2= 1.780	0.0	2120.0	3774.1	29906.	305.	S(3)
			0.0	2184.7	3889.3	29906.	305.	S(3)
50	20 - 133	B1= 0.500	0.0	2184.7	2184.7	29906.	305.	S(3)
		B2= 1.000	0.0	2059.2	2059.2	29906.	305.	S(3)
51	133 - 21	B1= 0.500	0.0	2059.2	2059.2	29906.	305.	S(3)
		B2= 1.000	0.0	1885.8	1885.8	29906.	305.	S(3)
52	21 - 22	B1= 1.000	0.0	1910.2	3400.6	29906.	305.	S(3)
		B2= 1.780	0.0	1559.1	2775.5	29906.	305.	S(3)
			0.0	1954.9	3480.1	29906.	305.	S(3)
53	22 - 23	B1= 0.500	0.0	1954.9	1954.9	29906.	305.	S(3)
		B2= 1.000	0.0	6303.6	6303.6	29906.	305.	S(3)
54	24 - 195	I*= 0.500	0.0	12306.7	12306.7	19899.	305.	S(3)
		I= 1.000	0.0	7922.1	7922.1	19899.	305.	S(3)
55	195 - 194	I*= 0.500	0.0	7922.1	7922.1	19899.	305.	S(3)
		I= 1.000	0.0	3561.4	3561.4	19899.	305.	S(3)
56	194 - 25	I*= 0.500	0.0	3564.4	3564.4	19899.	305.	S(3)
		I= 1.000	0.0	3144.8	3144.8	19899.	305.	S(3)
57	25 - 26	I*= 0.500	0.0	3149.8	6216.1	19899.	305.	S(3)
		I= 1.973	0.0	3210.6	6336.1	19899.	305.	S(3)
			0.0	2810.4	5546.4	19899.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
58	26 - 27	I*= 0.500	0.0	2807.0	2807.0	19899.	305.	S(3)
		I= 1.000	0.0	2694.6	2694.6	19899.	305.	S(3)
59	27 - 28	I*= 0.500	0.0	2694.6	5317.8	19899.	305.	S(3)
		I= 1.973	0.0	3273.5	6460.1	19899.	305.	S(3)
			0.0	3729.2	7359.5	19899.	305.	S(3)
60	28 - 29	I*= 0.500	0.0	3729.2	3729.2	19899.	305.	S(3)
		I= 1.000	0.0	3996.6	3996.6	19899.	305.	S(3)
61	29 - 193	I*= 0.500	0.0	9856.7	9856.7	19899.	305.	S(3)
		I= 1.000	0.0	10010.9	10010.9	19899.	305.	S(3)
62	29 - 192	I*= 0.500	0.0	3650.4	3650.4	19899.	305.	S(3)
		I= 1.000	0.0	3939.0	3939.0	19899.	305.	S(3)
63	192 - 191	I*= 0.500	0.0	3939.0	3939.0	19899.	305.	S(3)
		I= 1.000	0.0	4091.7	4091.7	19899.	305.	S(3)
64	191 - 190	I*= 0.500	0.0	4091.7	4091.7	19899.	305.	S(3)
		I= 1.000	0.0	3435.5	3435.5	19899.	305.	S(3)
65	190 - 30	I*= 0.500	0.0	3435.5	3435.5	19899.	305.	S(3)
		I= 1.000	0.0	3823.9	3823.9	19899.	305.	S(3)
66	30 - 165	I*= 0.500	0.0	3823.9	3823.9	19899.	305.	S(3)
		I= 1.000	0.0	4450.6	4450.6	19899.	305.	S(3)
			0.0	5097.3	5097.3	19899.	305.	S(3)
67	165 - 164	I*= 0.500	0.0	5097.3	5097.3	19899.	305.	S(3)
		I= 1.000	0.0	4765.5	4765.5	19899.	305.	S(3)
			0.0	5109.9	5109.9	19899.	305.	S(3)
68	164 - 163	I*= 0.500	0.0	5109.9	5109.9	19899.	305.	S(3)
		I= 1.000	0.0	5347.1	5347.1	19899.	305.	S(3)
			0.0	5596.4	5596.4	19899.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
69	163 - 162	I*= 0.500	0.0	5596.4	5596.4	19899.	305.	S(3)
		I= 1.000	0.0	4821.5	4821.5	19899.	305.	S(3)
			0.0	4111.5	4111.5	19899.	305.	S(3)
70	162 - 161	I*= 0.500	0.0	4111.5	4111.5	19899.	305.	S(3)
		I= 1.000	0.0	3251.6	3251.6	19899.	305.	S(3)
			0.0	7335.8	7335.8	19899.	305.	S(3)
71	161 - 160	I*= 0.500	0.0	7335.8	7335.8	19899.	305.	S(3)
		I= 1.000	0.0	9687.2	9687.2	19899.	305.	S(3)
			0.0	13118.9	13118.9	19899.	305.	S(3)
72	31 - 159	I*= 0.500	0.0	14032.5	14032.5	19899.	305.	S(3)
		I= 1.000	0.0	14521.4	14521.4	19899.	305.	S(3)
73	156 - 155	B1= 0.500	0.0	6876.1	6876.1	29906.	305.	S(3)
		B2= 1.000	0.0	8919.3	8919.3	29906.	305.	S(3)
74	155 - 32	B1= 0.500	0.0	8919.3	8919.3	29906.	305.	S(3)
		B2= 1.000	0.0	9222.8	9222.8	29906.	305.	S(3)
75	32 - 33	B1= 1.000	0.0	9222.8	16418.6	29906.	305.	S(3)
		B2= 1.780	0.0	9625.9	17136.1	29906.	305.	S(3)
			0.0	8372.4	14904.6	29906.	305.	S(3)
76	33 - 141	B1= 0.500	0.0	8372.4	8372.4	29906.	305.	S(3)
		B2= 1.000	0.0	7414.9	7414.9	29906.	305.	S(3)
77	141 - 142	B1= 0.500	0.0	104430.6	104430.6	29906.	305.	S(3)
		B2= 1.000	0.0	98650.4	98650.4	29906.	305.	FAIL S(3)
78	142 - 143	B1= 0.500	0.0	98650.4	98650.4	29906.	305.	S(3)
		B2= 1.000	0.0	97267.3	97267.3	29906.	305.	FAIL S(3)
79	143 - 144	B1= 0.500	0.0	97267.3	97267.3	29906.	305.	S(3)
		B2= 1.000	0.0	96797.6	96797.6	29906.	305.	FAIL S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
80	147 - 148	I*= 0.500	0.0	14716.1	14716.1	23925.	305.	S(3)
		I= 1.000	0.0	10645.6	10645.6	23925.	305.	S(3)
81	148 - 149	I*= 0.500	0.0	10645.6	10645.6	23925.	305.	S(3)
		I= 1.000	0.0	5408.4	5408.4	23925.	305.	S(3)
82	149 - 150	I*= 0.500	0.0	5215.6	5215.6	23925.	305.	S(3)
		I= 1.000	0.0	34.7	34.7	23925.	305.	S(3)
83	149 - 151	I*= 0.500	0.0	7002.8	7002.8	23925.	305.	S(3)
		I= 1.000	0.0	5471.2	5471.2	23925.	305.	S(3)
84	150 - 152	I*= 0.500	0.0	34.7	34.7	23925.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	23925.	305.	S(3)
85	151 - 153	I*= 0.500	0.0	5471.2	5471.2	23925.	305.	S(3)
		I= 1.000	0.0	2520.6	2520.6	23925.	305.	S(3)
86	141 - 140	B1= 0.500	0.0	7397.9	7397.9	29906.	305.	S(3)
		B2= 1.000	0.0	6195.6	6195.6	29906.	305.	S(3)
87	140 - 139	B1= 0.500	0.0	6195.6	6195.6	29906.	305.	S(3)
		B2= 1.000	0.0	3546.5	3546.5	29906.	305.	S(3)
88	139 - 34	B1= 0.500	0.0	3546.5	3546.5	29906.	305.	S(3)
		B2= 1.000	0.0	6580.8	6580.8	29906.	305.	S(3)
89	34 - 35	B1= 1.000	0.0	6580.8	11715.2	29906.	305.	S(3)
		B2= 1.780	0.0	7064.7	12576.7	29906.	305.	S(3)
			0.0	7116.6	12669.0	29906.	305.	S(3)
90	35 - 138	B1= 0.500	0.0	7116.6	7116.6	29906.	305.	S(3)
		B2= 1.000	0.0	6947.0	6947.0	29906.	305.	S(3)
91	135 - 134	B1= 0.500	0.0	5300.6	5300.6	29906.	305.	S(3)
		B2= 1.000	0.0	5180.3	5180.3	29906.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
92	134 - 130	B1= 0.500	0.0	5180.3	5180.3	29906.	305.	S(3)
		B2= 1.000	0.0	4730.0	4730.0	29906.	305.	S(3)
93	96 - 36	I*= 0.500	0.0	11284.6	11284.6	19899.	305.	S(3)
		I= 1.000	0.0	10670.3	10670.3	19899.	305.	S(3)
94	36 - 37	I*= 0.500	0.0	10673.2	18135.7	19899.	305.	S(3)
		I= 1.699	0.0	11891.1	20205.3	19899.	305.	S(3)
			0.0	13281.5	22567.7	19899.	305.	FAIL S(3)
95	37 - 166	I*= 0.500	0.0	13087.4	13087.4	19899.	305.	S(3)
		I= 1.000	0.0	9832.0	9832.0	19899.	305.	S(3)
96	168 - 169	I*= 0.500	0.0	9975.4	9975.4	20559.	213.	S(3)
		I= 1.000	0.0	9019.2	9019.2	20559.	213.	S(3)
97	169 - 170	I*= 0.500	0.0	9019.2	9019.2	21235.	120.	S(3)
		I= 1.000	0.0	5972.4	5972.4	21235.	120.	S(3)
98	170 - 171	I*= 0.500	0.0	3979.5	3979.5	21235.	120.	S(3)
		I= 1.000	0.0	2788.9	2788.9	21235.	120.	S(3)
99	171 - 172	I*= 0.500	0.0	2788.9	2788.9	21235.	120.	S(3)
		I= 1.000	0.0	1852.2	1852.2	21235.	120.	S(3)
100	172 - 173	I*= 0.500	0.0	411.6	411.6	21235.	120.	S(3)
		I= 1.000	0.0	23.3	23.3	21235.	120.	S(3)
101	173 - 174	I*= 0.500	0.0	104.8	104.8	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)
102	170 - 175	I*= 0.500	0.0	6015.0	6015.0	21235.	120.	S(3)
		I= 1.000	0.0	5856.4	5856.4	21235.	120.	S(3)
103	175 - 39	I*= 0.500	0.0	5856.3	5856.3	21235.	120.	S(3)
		I= 1.000	0.0	5625.4	5625.4	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
104	39 - 40	I*= 0.500	0.0	5625.5	9558.8	21235.	120.	S(3)
		I= 1.699	0.0	4692.6	7973.6	21235.	120.	S ( )
			0.0	3917.2	6656.0	21235.	120.	S(3)
105	40 - 176	I*= 0.500	0.0	3892.5	3892.5	21235.	120.	S(3)
		I= 1.000	0.0	4638.4	4638.4	21235.	120.	S ( )
106	176 - 41	I*= 0.500	0.0	4638.4	4638.4	21235.	120.	S(3)
		I= 1.000	0.0	4570.1	4570.1	21235.	120.	S(3)
107	41 - 42	I*= 0.500	0.0	4570.1	7765.4	21235.	120.	S(3)
		I= 1.699	0.0	4435.9	7537.3	21235.	120.	S(3)
			0.0	4132.8	7022.5	21235.	120.	S(3))
108	42 - 43	I*= 0.500	0.0	4132.8	4132.8	21235.	120.	S(3)
		I= 1.000	0.0	3857.4	3857.4	21235.	120.	S(3)
109	43 - 44	I*= 0.500	0.0	3857.4	6554.5	21235.	120.	S)
		I= 1.699	0.0	3821.6	6493.7	21235.	120.	S(3)
			0.0	4024.7	6838.7	21235.	120.	S(3)
110	44 - 177	I*= 0.500	0.0	4024.7	4024.7	21235.	120.	S
		I= 1.000	0.0	6462.4	6462.4	21235.	120.	S(3)
111	177 - 178	I*= 0.500	0.0	6462.4	6462.4	21235.	120.	S(3)
3		I= 1.000	0.0	5237.1	5237.1	21235.	120.	S((3)
112	178 - 45	I*= 0.500	0.0	5237.1	5237.1	21235.	120.	S(3)
		I= 1.000	0.0	6174.5	6174.5	21235.	120.	S(3)
		I 1						S(3)
113	45 - 46	I*= 0.500	0.0	6174.5	10491.6	21235.	120.	S(3)
		I= 1.699	0.0	6172.3	10487.9	21235.	120.	S(3)
			0.0	6140.9	10434.5	21235.	120.	S(3)
114	46 - 179	I*= 0.500	0.0	6140.9	6140.9	21235.	120.	S(3)
		I= 1.000	0.0	7510.4	7510.4	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
115	179 - 180	I*= 0.500	0.0	7510.4	7510.4	21235.	120.	S(3)
		I= 1.000	0.0	9652.7	9652.7	21235.	120.	S(3)
116	180 - 181	I*= 0.500	0.0	9652.7	9652.7	21235.	120.	S(3)
		I= 1.000	0.0	9025.5	9025.5	21235.	120.	S(3)
117	181 - 182	I*= 0.500	0.0	9025.5	9025.5	21235.	120.	S(3)
		I= 1.000	0.0	8748.4	8748.4	21235.	120.	S(3)
118	182 - 183	I*= 0.500	0.0	2485.4	2485.4	21235.	120.	S(3)
		I= 1.000	0.0	2809.1	2809.1	21235.	120.	S(3)
119	183 - 59	I*= 0.500	0.0	2809.1	2809.1	21235.	120.	S(3)
		I= 1.000	0.0	3208.7	3208.7	21235.	120.	S(3)
120	59 - 184	I*= 0.500	0.0	7183.5	7183.5	21235.	120.	S(3)
		I= 1.000	0.0	5238.1	5238.1	21235.	120.	S(3)
121	59 - 185	I*= 0.500	0.0	2607.5	2607.5	21235.	120.	S(3)
		I= 1.000	0.0	2389.3	2389.3	21235.	120.	S(3)
122	185 - 47	I*= 0.500	0.0	2389.3	2389.3	21235.	120.	S(3)
		I= 1.000	0.0	2259.3	2259.3	21235.	120.	S(3)
123	47 - 48	I*= 0.500	0.0	2259.3	4414.4	21235.	120.	S(3)
		I= 1.954	0.0	2311.6	4516.5	21235.	120.	S(3)
			0.0	2240.0	4376.6	21235.	120.	S(3)
124	48 - 186	I*= 0.500	0.0	2240.0	2240.0	21235.	120.	S(3)
		I= 1.000	0.0	1700.3	1700.3	21235.	120.	S(3)
125	186 - 187	I*= 0.500	0.0	1700.3	1700.3	21235.	120.	S(3)
		I= 1.000	0.0	1889.6	1889.6	21235.	120.	S(3)
126	187 - 188	I*= 0.500	0.0	1889.6	1889.6	21235.	120.	S(3)
		I= 1.000	0.0	2115.5	2115.5	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG
127	188 - 49	I*= 0.500	0.0	2115.5	2115.5	21235.	120.	S(3)
		I= 1.000	0.0	1439.9	1439.9	21235.	120.	S(3)
128	49 - 50	I*= 0.500	0.0	1439.9	2813.4	21235.	120.	S(3)
		I= 1.954	0.0	1401.4	2738.2	21235.	120.	S(3)
			0.0	1188.9	2322.9	21235.	120.	S(3)
129	50 - 189	I*= 0.500	0.0	1189.0	1189.0	21235.	120.	S(3)
		I= 1.000	0.0	1188.7	1188.7	21235.	120.	S(3)
130	51 - 52	I*= 0.500	0.0	1216.1	2376.0	21235.	120.	S(3)
		I= 1.954	0.0	1409.7	2754.4	21235.	120.	S(3)
			0.0	1526.3	2982.1	21235.	120.	S(3)
131	52 - 53	I*= 0.500	0.0	1532.9	1532.9	21235.	120.	S(3)
		I= 1.000	0.0	1580.9	1580.9	21235.	120.	S(3)
132	184 - 58	I*= 0.500	0.0	5201.6	5201.6	21235.	120.	S(3)
		I= 1.000	0.0	3943.6	3943.6	21235.	120.	S(3)
133	58 - 57	I*= 0.500	0.0	3956.8	6723.4	21235.	120.	S(3)
		I= 1.699	0.0	3233.1	5493.7	21235.	120.	S(3)
			0.0	2884.2	4900.8	21235.	120.	S(3)
134	57 - 208	I*= 0.500	0.0	2884.2	2884.2	21235.	120.	S(3)
		I= 1.000	0.0	2996.5	2996.5	21235.	120.	S(3)
135	208 - 207	I*= 0.500	0.0	2996.5	2996.5	21235.	120.	S(3)
		I= 1.000	0.0	7675.9	7675.9	21235.	120.	S(3)
136	207 - 206	I*= 0.500	0.0	7675.9	7675.9	21235.	120.	S(3)
		I= 1.000	0.0	4864.5	4864.5	21235.	120.	S(3)
137	206 - 205	I*= 0.500	0.0	3381.9	3381.9	21235.	120.	S(3)
		I= 1.000	0.0	929.5	929.5	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
138	205 - 204	I*= 0.500	0.0	931.7	931.7	21235.	120.	S(3)
		I= 1.000	0.0	1813.6	1813.6	21235.	120.	S(3)
139	204 - 203	I*= 0.500	0.0	1813.6	1813.6	21235.	120.	S(3)
		I= 1.000	0.0	673.3	673.3	21235.	120.	S(3)
140	203 - 202	I*= 0.500	0.0	673.3	673.3	21235.	120.	S(3)
		I= 1.000	0.0	660.3	660.3	21235.	120.	S(3)
			0.0	848.2	848.2	21235.	120.	S(3)
141	202 - 201	I*= 0.500	0.0	866.9	866.9	21235.	120.	S(3)
		I= 1.000	0.0	1473.4	1473.4	21235.	120.	S(3)
142	201 - 200	I*= 0.500	0.0	1473.4	1473.4	21235.	120.	S(3)
		I= 1.000	0.0	2714.0	2714.0	21235.	120.	S(3)
143	200 - 199	I*= 0.500	0.0	4182.3	4182.3	21235.	120.	S(3)
		I= 1.000	0.0	4089.1	4089.1	21235.	120.	S(3)
144	199 - 56	I*= 0.500	0.0	4089.1	4089.1	21235.	120.	S(3)
		I= 1.000	0.0	4370.0	4370.0	21235.	120.	S(3)
145	56 - 55	I*= 0.500	0.0	4370.1	7425.5	21235.	120.	S(3)
		I= 1.699	0.0	5079.9	8631.6	21235.	120.	S(3)
			0.0	4963.8	8434.4	21235.	120.	S(3)
146	55 - 252	I*= 0.500	0.0	4963.8	4963.8	21235.	120.	S(3)
		I= 1.000	0.0	5913.1	5913.1	21235.	120.	S(3)
147	196 - 193	I*= 0.500	0.0	5227.9	5227.9	19899.	305.	S(3)
		I= 1.000	0.0	10010.9	10010.9	19899.	305.	S(3)
148	103 - 60	I*= 0.500	0.0	20068.4	20068.4	19899.	305.	S(3)
		I= 1.000	0.0	13361.2	13361.2	19899.	305.	FAIL S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
149	60 - 61	I*= 0.500	0.0	13156.6	25705.6	19899.	305.	S(3)
		I= 1.954	0.0	11023.9	21538.7	19899.	305.	S(3)
			0.0	11616.3	22696.3	19899.	305.	FAIL S(3)
150	61 - 209	I*= 0.500	0.0	11616.5	11616.5	19899.	305.	S(3)
		I= 1.000	0.0	14691.3	14691.3	19899.	305.	S(3)
151	212 - 213	I*= 0.500	0.0	19277.0	19277.0	20559.	213.	S(3)
		I= 1.000	0.0	11807.1	11807.1	20559.	213.	S(3)
152	213 - 62	I*= 0.500	0.0	11807.2	11807.2	21235.	120.	S(3)
		I= 1.000	0.0	11247.9	11247.9	21235.	120.	S(3)
153	62 - 63	I*= 0.500	0.0	11247.9	21976.4	21235.	120.	S(3)
		I= 1.954	0.0	10674.4	20855.8	21235.	120.	S(3)
			0.0	10612.0	20733.9	21235.	120.	FAIL S(3)
154	63 - 64	I*= 0.500	0.0	10612.0	10612.0	21235.	120.	S(3)
		I= 1.000	0.0	11633.7	11633.7	21235.	120.	S(3)
155	64 - 65	I*= 0.500	0.0	11633.7	22730.3	21235.	120.	S(3)
		I= 1.954	0.0	10769.7	21042.1	21235.	120.	S(3)
			0.0	8480.9	16570.2	21235.	120.	FAIL S(3)
156	65 - 66	I*= 0.500	0.0	8480.9	8480.9	21235.	120.	S(3)
		I= 1.000	0.0	7106.4	7106.4	21235.	120.	S(3)
157	66 - 67	I*= 0.500	0.0	7148.0	13965.9	21235.	120.	S(3)
		I= 1.954	0.0	9531.8	18623.4	21235.	120.	S(3)
			0.0	11179.3	21842.4	21235.	120.	FAIL S(3)
158	67 - 214	I*= 0.500	0.0	11179.3	11179.3	21235.	120.	S(3)
		I= 1.000	0.0	11404.0	11404.0	21235.	120.	S(3)
159	214 - 68	I*= 0.500	0.0	11404.0	11404.0	21235.	120.	S(3)
		I= 1.000	0.0	9314.2	9314.2	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	0.0	9314.2	18198.4	21235.	120.	S(3)
		I= 1.954	0.0	9050.5	17683.1	21235.	120.	S(3)
			0.0	8848.9	17289.3	21235.	120.	S(3)
161	69 - 215	I*= 0.500	0.0	8849.0	8849.0	21235.	120.	S(3)
		I= 1.000	0.0	9455.3	9455.3	21235.	120.	S(3)
162	215 - 70	I*= 0.500	0.0	9455.3	9455.3	21235.	120.	S(3)
		I= 1.000	0.0	10498.1	10498.1	21235.	120.	S(3)
163	70 - 216	I*= 0.500	0.0	7649.9	7649.9	21235.	120.	S(3)
		I= 1.000	0.0	7570.3	7570.3	21235.	120.	S(3)
164	70 - 217	I*= 0.500	0.0	6981.4	6981.4	21235.	120.	S(3)
		I= 1.000	0.0	5873.1	5873.1	21235.	120.	S(3)
165	217 - 71	I*= 0.500	0.0	5873.1	12608.3	21235.	120.	S(3)
		I= 2.147	0.0	5149.9	11055.7	21235.	120.	S(3)
			0.0	4939.6	10604.2	21235.	120.	S(3)
166	71 - 72	I*= 0.500	0.0	4939.6	10604.2	21235.	120.	S(3)
		I= 2.147	0.0	5330.2	11442.8	21235.	120.	S(3)
			0.0	5988.6	12856.4	21235.	120.	S(3)
167	72 - 218	I*= 0.500	0.0	5988.6	5988.6	21235.	120.	S(3)
		I= 1.000	0.0	6459.3	6459.3	21235.	120.	S(3)
168	218 - 219	I*= 0.500	0.0	6459.3	6459.3	21235.	120.	S(3)
		I= 1.000	0.0	7829.9	7829.9	21235.	120.	S(3)
169	222 - 223	I*= 0.500	0.0	7954.5	7954.5	21235.	120.	S(3)
		I= 1.000	0.0	6993.6	6993.6	21235.	120.	S(3)
170	226 - 73	I*= 0.500	0.0	6866.0	6866.0	21235.	120.	S(3)
		I= 1.000	0.0	6329.0	6329.0	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
171	73 - 74	I*= 0.500	0.0	6257.6	13433.8	21235.	120.	S(3)
		I= 2.147	0.0	3722.8	7992.0	21235.	120.	S(3)
			0.0	1149.3	2467.2	21235.	120.	S(3)
172	74 - 227	I*= 0.500	0.0	1149.3	1149.3	21235.	120.	S(3)
		I= 1.000	0.0	8565.8	8565.8	21235.	120.	S(3)
173	227 - 75	I*= 0.500	0.0	8565.8	8565.8	21235.	120.	S(3)
		I= 1.000	0.0	28602.1	28602.1	21235.	120.	FAIL S(3)
174	216 - 228	I*= 0.500	0.0	7570.3	7570.3	21235.	120.	S(3)
		I= 1.000	0.0	8089.2	8089.2	21235.	120.	S(3)
175	228 - 76	I*= 0.500	0.0	8089.2	8089.2	21235.	120.	S(3)
		I= 1.000	0.0	7156.9	7156.9	21235.	120.	S(3)
176	76 - 77	I*= 0.500	0.0	6827.7	6827.7	21235.	120.	S(3)
		I= 1.000	0.0	4368.7	4368.7	21235.	120.	S(3)
177	77 - 78	I*= 0.500	0.0	4368.7	9378.7	21235.	120.	S(3)
		I= 2.147	0.0	3435.4	7375.0	21235.	120.	S(3)
			0.0	2975.3	6387.4	21235.	120.	S(3)
178	78 - 231	I*= 0.500	0.0	2975.3	2975.3	21235.	120.	S(3)
		I= 1.000	0.0	3009.0	3009.0	21235.	120.	S(3)
179	231 - 232	I*= 0.500	0.0	3009.0	3009.0	21235.	120.	S(3)
		I= 1.000	0.0	2217.9	2217.9	21235.	120.	S(3)
180	235 - 79	I*= 0.500	0.0	1999.6	1999.6	21235.	120.	S(3)
		I= 1.000	0.0	1807.9	1807.9	21235.	120.	S(3)
181	79 - 80	I*= 0.500	0.0	1807.9	3881.3	21235.	120.	S(3)
		I= 2.147	0.0	1426.5	3062.4	21235.	120.	S(3)
			0.0	3122.1	6702.6	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
182	80 - 81	I*= 0.500	0.0	3122.1	3122.1	21235.	120.	S(3)
		I= 1.000	0.0	5192.5	5192.5	21235.	120.	S(3)
183	76 - 229	I*= 0.500	0.0	6794.4	6794.4	21235.	120.	S(3)
		I= 1.000	0.0	6427.9	6427.9	21235.	120.	S(3)
184	229 - 230	I*= 0.500	0.0	6427.9	6427.9	21235.	120.	S(3)
		I= 1.000	0.0	6199.7	6199.7	21235.	120.	S(3)
185	230 - 236	I*= 0.500	0.0	6199.7	6199.7	21235.	120.	S(3)
		I= 1.000	0.0	1390.4	1390.4	21235.	120.	S(3)
186	236 - 237	I*= 0.500	0.0	1390.4	1390.4	21235.	120.	S(3)
		I= 1.000	0.0	1378.2	1378.2	21235.	120.	S(3)
187	240 - 82	I*= 0.500	0.0	1223.6	1223.6	21235.	120.	S(3)
		I= 1.000	0.0	1209.5	1209.5	21235.	120.	S(3)
188	82 - 83	I*= 0.500	0.0	1252.3	1833.6	21235.	120.	S(3)
		I= 1.464	0.0	1140.0	1669.3	21235.	120.	S(3)
			0.0	1036.3	1517.5	21235.	120.	S(3)
189	83 - 84	I*= 0.500	0.0	1036.4	1036.4	21235.	120.	S(3)
		I= 1.000	0.0	870.9	870.9	21235.	120.	S(3)
190	84 - 85	I*= 0.500	0.0	870.9	1275.2	21235.	120.	S(3)
		I= 1.464	0.0	883.0	1293.0	21235.	120.	S(3)
			0.0	769.2	1126.3	21235.	120.	S(3)
191	85 - 241	I*= 0.500	0.0	797.5	797.5	21235.	120.	S(3)
		I= 1.000	0.0	842.9	842.9	21235.	120.	S(3)
192	241 - 86	I*= 0.500	0.0	842.9	842.9	21235.	120.	S(3)
		I= 1.000	0.0	971.3	971.3	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
193	86 - 242	I*= 0.500	0.0	485.6	485.6	21235.	120.	S(3)
		I= 1.000	0.0	454.3	454.3	21235.	120.	S(3)
194	86 - 243	I*= 0.500	0.0	536.7	536.7	21235.	120.	S(3)
		I= 1.000	0.0	473.4	473.4	21235.	120.	S(3)
195	242 - 87	I*= 0.500	0.0	454.3	665.2	21235.	120.	S(3)
		I= 1.464	0.0	444.0	650.1	21235.	120.	S(3)
			0.0	420.4	615.6	21235.	120.	S(3)
196	87 - 88	I*= 0.500	0.0	420.4	615.6	21235.	120.	S(3)
		I= 1.464	0.0	386.8	566.3	21235.	120.	S(3)
			0.0	341.5	500.0	21235.	120.	S(3)
197	88 - 244	I*= 0.500	0.0	341.5	341.5	21235.	120.	S(3)
		I= 1.000	0.0	321.8	321.8	21235.	120.	S(3)
198	247 - 89	I*= 0.500	0.0	406.2	406.2	21235.	120.	S(3)
		I= 1.000	0.0	466.5	466.5	21235.	120.	S(3)
199	243 - 90	I*= 0.500	0.0	473.4	693.3	21235.	120.	S(3)
		I= 1.464	0.0	453.7	664.3	21235.	120.	S(3)
			0.0	429.5	628.9	21235.	120.	S(3)
200	90 - 91	I*= 0.500	0.0	429.5	628.9	21235.	120.	S(3)
		I= 1.464	0.0	394.9	578.3	21235.	120.	S(3)
			0.0	347.1	508.3	21235.	120.	S(3)
201	91 - 248	I*= 0.500	0.0	347.1	347.1	21235.	120.	S(3)
		I= 1.000	0.0	324.8	324.8	21235.	120.	S(3)
202	251 - 92	I*= 0.500	0.0	365.7	365.7	21235.	120.	S(3)
		I= 1.000	0.0	413.3	413.3	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
203	160 - 31	I*= 0.500	0.0	13118.9	13118.9	19899.	305.	S(3)
		I= 1.000	0.0	13551.4	13551.4	19899.	305.	S(3)
			0.0	14033.3	14033.3	19899.	305.	S(3)
204	189 - 51	I*= 0.500	0.0	1188.7	1188.7	21235.	120.	S(3)
		I= 1.000	0.0	1216.1	1216.1	21235.	120.	S(3)
205	200 - 206	I*= 0.500	0.0	4170.9	4170.9	21235.	120.	S(3)
		I= 1.000	0.0	4848.8	4848.8	21235.	120.	S(3)
206	104 - 105	B1= 0.500	0.0	3935.7	3935.7	29906.	305.	S(3)
		B2= 1.000	0.0	4687.5	4687.5	29906.	305.	S(3)
207	105 - 106	B1= 0.500	0.0	4679.8	4679.8	29906.	305.	S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.	S(3)
208	105 - 107	B1= 0.500	0.0	5241.6	5241.6	29906.	305.	S(3)
		B2= 1.000	0.0	4580.0	4580.0	29906.	305.	S(3)
209	111 - 112	B1= 0.500	0.0	61922.0	61922.0	29906.	305.	S(3)
		B2= 1.000	0.0	62790.3	62790.3	29906.	305.	FAIL S(3)
210	112 - 113	B1= 0.500	0.0	68648.4	68648.4	29906.	305.	S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL S(3)
211	112 - 114	B1= 0.500	0.0	15918.9	15918.9	29906.	305.	S(3)
		B2= 1.000	0.0	9742.8	9742.8	29906.	305.	S(3)
212	125 - 126	B1= 0.500	0.0	4073.7	4073.7	29906.	305.	S(3)
		B2= 1.000	0.0	5167.1	5167.1	29906.	305.	S(3)
213	126 - 127	B1= 0.500	0.0	3432.8	3432.8	29906.	305.	S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.	S(3)
214	126 - 128	B1= 0.500	0.0	5072.1	5072.1	29906.	305.	S(3)
		B2= 1.000	0.0	4542.2	4542.2	29906.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
215	135 - 136	B1= 0.500	0.0	3577.1	3577.1	29906.	305.	S(3)
		B2= 1.000	0.0	4863.9	4863.9	29906.	305.	S(3)
216	136 - 137	B1= 0.500	0.0	3964.9	3964.9	29906.	305.	S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.	S(3)
217	136 - 138	B1= 0.500	0.0	4362.2	4362.2	29906.	305.	S(3)
		B2= 1.000	0.0	4688.1	4688.1	29906.	305.	S(3)
218	144 - 145	B1= 0.500	0.0	56424.5	56424.5	29906.	305.	S(3)
		B2= 1.000	0.0	57151.6	57151.6	29906.	305.	FAIL S(3)
219	145 - 146	B1= 0.500	0.0	63791.0	63791.0	29906.	305.	S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL S(3)
220	145 - 147	B1= 0.500	0.0	13995.3	13995.3	29906.	305.	S(3)
		B2= 1.000	0.0	8578.2	8578.2	29906.	305.	S(3)
221	153 - 154	I*= 0.500	0.0	802.1	802.1	23925.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	23925.	305.	S(3)
222	156 - 157	B1= 0.500	0.0	4645.0	4645.0	29906.	305.	S(3)
		B2= 1.000	0.0	5862.5	5862.5	29906.	305.	S(3)
223	157 - 158	B1= 0.500	0.0	5208.7	5208.7	29906.	305.	S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.	S(3)
224	157 - 159	B1= 0.500	0.0	4462.3	4462.3	29906.	305.	S(3)
		B2= 1.000	0.0	3769.8	3769.8	29906.	305.	S(3)
225	166 - 38	I*= 0.500	0.0	2165.0	2165.0	19899.	305.	S(3)
		I= 1.000	0.0	2455.8	2455.8	19899.	305.	S(3)
226	38 - 167	I*= 0.500	0.0	732.3	732.3	19899.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	19899.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
227	38 - 168	I*= 0.500	0.0	2403.4	2403.4	19899.	305.	S(3)
		I= 1.000	0.0	2196.6	2196.6	19899.	305.	S(3)
228	198 - 54	I*= 0.500	0.0	968.2	968.2	19899.	305.	S(3)
		I= 1.000	0.0	1102.6	1102.6	19899.	305.	S(3)
229	54 - 197	I*= 0.500	0.0	704.2	704.2	19899.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	19899.	305.	S(3)
230	54 - 196	I*= 0.500	0.0	1336.8	1336.8	19899.	305.	S(3)
		I= 1.000	0.0	1151.2	1151.2	19899.	305.	S(3)
231	209 - 210	I*= 0.500	0.0	3589.2	3589.2	19899.	305.	S(3)
		I= 1.000	0.0	4197.6	4197.6	19899.	305.	S(3)
232	210 - 211	I*= 0.500	0.0	3782.1	3782.1	19899.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	19899.	305.	S(3)
233	210 - 212	I*= 0.500	0.0	5276.4	5276.4	19899.	305.	S(3)
		I= 1.000	0.0	4709.6	4709.6	19899.	305.	S(3)
234	219 - 220	I*= 0.500	0.0	2157.1	2157.1	21235.	120.	S(3)
		I= 1.000	0.0	2164.0	2164.0	21235.	120.	S(3)
235	220 - 221	I*= 0.500	0.0	107.6	107.6	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)
236	220 - 222	I*= 0.500	0.0	2220.2	2220.2	21235.	120.	S(3)
		I= 1.000	0.0	2191.4	2191.4	21235.	120.	S(3)
237	223 - 224	I*= 0.500	0.0	1926.7	1926.7	21235.	120.	S(3)
		I= 1.000	0.0	1888.2	1888.2	21235.	120.	S(3)
238	224 - 225	I*= 0.500	0.0	126.4	126.4	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
239	224 - 226	I*= 0.500	0.0	1966.7	1966.7	21235.	120.	S(3)
		I= 1.000	0.0	1891.5	1891.5	21235.	120.	S(3)
240	232 - 233	I*= 0.500	0.0	611.0	611.0	21235.	120.	S(3)
		I= 1.000	0.0	593.7	593.7	21235.	120.	S(3)
241	233 - 234	I*= 0.500	0.0	30.2	30.2	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)
242	233 - 235	I*= 0.500	0.0	575.8	575.8	21235.	120.	S(3)
		I= 1.000	0.0	550.9	550.9	21235.	120.	S(3)
243	244 - 245	I*= 0.500	0.0	85.5	85.5	21235.	120.	S(3)
		I= 1.000	0.0	74.5	74.5	21235.	120.	S(3)
244	245 - 246	I*= 0.500	0.0	0.6	0.6	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)
245	245 - 247	I*= 0.500	0.0	74.9	74.9	21235.	120.	S(3)
		I= 1.000	0.0	108.0	108.0	21235.	120.	S(3)
246	248 - 249	I*= 0.500	0.0	86.3	86.3	21235.	120.	S(3)
		I= 1.000	0.0	76.1	76.1	21235.	120.	S(3)
247	249 - 250	I*= 0.500	0.0	0.6	0.6	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)
248	249 - 251	I*= 0.500	0.0	76.5	76.5	21235.	120.	S(3)
		I= 1.000	0.0	97.2	97.2	21235.	120.	S(3)
249	237 - 238	I*= 0.500	0.0	366.4	366.4	21235.	120.	S(3)
		I= 1.000	0.0	363.5	363.5	21235.	120.	S(3)
250	238 - 239	I*= 0.500	0.0	43.0	43.0	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
251	238 - 240	I*= 0.500	0.0	349.1	349.1	21235.	120.	S(3)
		I= 1.000	0.0	325.3	325.3	21235.	120.	S(3)
252	120 - 121	I*= 0.500	0.0	804.6	804.6	23925.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	23925.	305.	S(3)
253	252 - 198	I*= 0.500	0.0	5913.0	5913.0	20559.	213.	S(3)
		I= 1.000	0.0	4396.8	4396.8	20559.	213.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z HOT LEG**ID #1,2,3) ****

COMP. NO.	COMPONENT TYPE					FAILURE FLAG
		NODE=	1B2	B1= 1.000	D1= 6.625	
		NA=	0	B2= 1.000	D2= 10.750	
15	CON. REDUCER	NB=	0	C1= 1.000	T1= 0.280	
	PER B16.9	NC=	0	C2= 1.000	T2= 0.365	
		INDEXO=	3	I= 1.000		

PRESSURE STRESS	MOMENT STRESS(*)	CALCULATED STRESS	ALLOWABLE STRESS	
0.0	8394.97	8394.97	20559.13	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122		
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162		
		INDEXO= 3		IR= 1.562	IB= 1.562		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	12484.8	19495.5	19899.0	S(3)
RUN	0.0	7332.2	11449.4	19899.0	S(3)

MAX. RUN LOAD	(R-1)	M1=-160328.7	M2=-297205.7	M3= 318096.4
	(R-2)	M1=-120709.4	M2=-270879.9	M3= 328790.6
	(BR)	M1= 8538.5	M2=-108381.7	M3= 19954.4
MAX. BR. LOAD	(R-1)	M1=-160328.7	M2=-297205.7	M3= 318096.4
	(R-2)	M1=-120709.4	M2=-270879.9	M3= 328790.6
	(BR)	M1= 8538.5	M2=-108381.7	M3= 19954.4

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 9	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122	
2	BUTT WELD TEE	NB= 102	TR= 0.438	C1R= 1.500	C1B= 1.500	FAIL
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162	
		INDEXO= 3		IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	26257.2	41001.5	19899.0	S(3)
RUN	0.0	14252.8	22256.2	19899.0	S(3)

MAX. RUN LOAD	(R-1)	M1= 52266.5	M2=-591363.4	M3=-418579.9
	(R-2)	M1=-123771.8	M2=-618592.9	M3=-644416.0
	(BR)	M1= 188666.0	M2=-587442.5	M3=-527563.0
MAX. BR. LOAD	(R-1)	M1= 52266.5	M2=-591363.4	M3=-418579.9
	(R-2)	M1=-123771.8	M2=-618592.9	M3=-644416.0
	(BR)	M1= 188666.0	M2=-587442.5	M3=-527563.0

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 14	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 130	DB= 14.000	B2R= 1.500	B2B= 1.500	
3	BUTT WELD TEE	NB= 131	TR= 1.406	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 129	TB= 1.406	C2R= 2.000	C2B= 2.000	
		INDEXO= 1		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	6539.8	9809.7	29906.2	S(3)
RUN	0.0	0.0	0.0	29906.2	S(3)
TOTAL			9809.7	29906.2	

MAX. RUN LOAD	(R-1)	M1= 251167.3	M2=-593198.0	M3= 444423.6
	(R-2)	M1= 569106.8	M2= -83673.0	M3= 979160.9
	(BR)	M1= 639793.7	M2=-522834.2	M3= 793291.3
MAX. BR. LOAD	(R-1)	M1= 251167.3	M2=-593198.0	M3= 444423.6
	(R-2)	M1= 569106.8	M2= -83673.0	M3= 979160.9
	(BR)	M1= 639793.7	M2=-522834.2	M3= 793291.3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 29	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 28	DB= 6.625	B2R= 3.122	B2B= 3.122	
4	BUTT WELD TEE	NB= 192	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 193	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 3		IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	9458.5	14769.7	19899.0	S(3)
RUN	0.0	3875.6	6051.9	19899.0	S(3)

MAX. RUN LOAD	(R-1)	M1= -64569.8	M2=-208588.2	M3=-111594.9
	(R-2)	M1= -43198.6	M2=-210141.9	M3= -64328.4
	(BR)	M1= -17587.3	M2= -56642.2	M3= -59116.4
MAX. BR. LOAD	(R-1)	M1= -64569.8	M2=-208588.2	M3=-111594.9
	(R-2)	M1= -43198.6	M2=-210141.9	M3= -64328.4
	(BR)	M1= -17587.3	M2= -56642.2	M3= -59116.4

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	
		INDEXO= 3		IR= 1.476	IB= 1.476	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	6893.3	10173.8	21234.8	S(3)
RUN	0.0	3103.6	4580.6	21234.8	S(3)

MAX. RUN LOAD	(R-1)	M1= 33257.9	M2= -38074.6	M3= 81554.0
	(R-2)	M1= 43553.4	M2= -24228.3	M3= 59967.0
	(BR)	M1= 26105.8	M2= -53956.3	M3= 11478.1
MAX. BR. LOAD	(R-1)	M1= 33257.9	M2= -38074.6	M3= 81554.0
	(R-2)	M1= 43553.4	M2= -24228.3	M3= 59967.0
	(BR)	M1= 26105.8	M2= -53956.3	M3= 11478.1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	
6	BUTT WELD TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	
		INDEXO= 3		IR= 1.629	IB= 1.629	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	10154.2	16544.0	21234.8	S(3)
RUN	0.0	7431.7	12108.3	21234.8	S(3)

MAX. RUN LOAD	(R-1)	M1= 186366.6	M2=-124938.9	M3=-207931.6
	(R-2)	M1= 177742.7	M2=-101855.9	M3=-265313.0
	(BR)	M1= 94432.4	M2=-166997.0	M3=-248497.2
MAX. BR. LOAD	(R-1)	M1= 186366.6	M2=-124938.9	M3=-207931.6
	(R-2)	M1= 177742.7	M2=-101855.9	M3=-265313.0
	(BR)	M1= 94432.4	M2=-166997.0	M3=-248497.2

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173	
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898	
		INDEXO= 3		IR= 1.087	IB= 1.087	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	923.0	1003.4	21234.8	S(3)
RUN	0.0	510.0	554.5	21234.8	S(3)

MAX. RUN LOAD	(R-1)	M1= 1419.8	M2= -248.4	M3= 598.9
	(R-2)	M1= 1449.8	M2= -800.0	M3= 484.2
	(BR)	M1= 934.0	M2= -859.8	M3= 2852.4
MAX. BR. LOAD	(R-1)	M1= 1419.8	M2= -248.4	M3= 598.9
	(R-2)	M1= 1449.8	M2= -800.0	M3= 484.2
	(BR)	M1= 934.0	M2= -859.8	M3= 2852.4

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125	
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	0.0	101593.9	114293.1	29906.2		S(3)
RUN	0.0	0.0	0.0	29906.2		S(3)
TOTAL			114293.1	29906.2	FAIL	

MAX. RUN LOAD	(R-1)	M1= 197847.6	M2= 482338.9	M3= 399058.0
	(R-2)	M1= 203464.1	M2= 510128.1	M3= 446306.8
	(BR)	M1= 303522.3	M2= 29013.6	M3= 120011.1
MAX. BR. LOAD	(R-1)	M1= 197847.6	M2= 482338.9	M3= 399058.0
	(R-2)	M1= 203464.1	M2= 510128.1	M3= 446306.8
	(BR)	M1= 303522.3	M2= 29013.6	M3= 120011.1

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	0.0	93231.2	104885.1	29906.2		S(3)
RUN	0.0	0.0	0.0	29906.2		S(3)
TOTAL			104885.1	29906.2	FAIL	

MAX. RUN LOAD	(R-1)	M1= 292239.9	M2= 65629.5	M3=1144275.2
	(R-2)	M1= 293703.3	M2= 42826.3	M3=1142182.1
	(BR)	M1= 211235.8	M2=-177876.1	M3= 119000.2
MAX. BR. LOAD	(R-1)	M1= 292239.9	M2= 65629.5	M3=1144275.2
	(R-2)	M1= 293703.3	M2= 42826.3	M3=1142182.1
	(BR)	M1= 211235.8	M2=-177876.1	M3= 119000.2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 3		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	0.0	5968.9	5968.9	23925.0		S(3)
RUN	0.0	5447.2	5447.2	23925.0		S(3)

MAX. RUN LOAD	(R-1)	M1= 11902.2	M2= 12873.5	M3= 1132.4
	(R-2)	M1= 11339.9	M2= 12747.3	M3= 0.0
	(BR)	M1= 654.6	M2= 1132.4	M3= 237.0
MAX. BR. LOAD	(R-1)	M1= 11902.2	M2= 12873.5	M3= 1132.4
	(R-2)	M1= 11339.9	M2= 12747.3	M3= 0.0
	(BR)	M1= 654.6	M2= 1132.4	M3= 237.0

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 149	DR= 3.500	B1R= 1.000	B1B= 1.000		
		NA= 148	DB= 1.315	B2R= 1.000	B2B= 1.412		I I
11	BRANCH CONNECT.	NB= 150	TR= 0.438	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 151	TB= 0.250	C2R= 1.000	C2B= 1.882		
		INDEXO= 3		IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	5984.0	5984.0	23925.0	S(3)
RUN	0.0	4828.4	4828.4	23925.0	S(3)

MAX. RUN LOAD	(R-1)	M1= 6944.1	M2= 11034.1	M3= 8517.9
	(R-2)	M1= 7261.1	M2= 10958.8	M3= 7261.1
	(BR)	M1= 564.3	M2= 812.2	M3= 893.3
MAX. BR. LOAD	(R-1)	M1= 6944.1	M2= 11034.1	M3= 8517.9
	(R-2)	M1= 7261.1	M2= 10958.8	M3= 7261.1
	(BR)	M1= 564.3	M2= 812.2	M3= 893.3

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 170	DR= 6.625	B1R= 1.000	B1B= 1.000		
		NA= 169	DB= 1.315	B2R= 1.000	B2B= 2.090		I I
12	BRANCH CONNECT.	NB= 175	TR= 0.280	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 171	TB= 0.133	C2R= 1.000	C2B= 2.787		
		INDEXO= 3		IR= 1.045	IB= 1.045		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	3622.3	3785.8	21234.8	S(3)
RUN	0.0	5772.0	6032.4	21234.8	S(3)

MAX. RUN LOAD	(R-1)	M1= 15942.0	M2= 16612.0	M3= -45215.7
	(R-2)	M1= 15876.8	M2= 16611.9	M3= -45643.6
	(BR)	M1= -35.5	M2= 500.3	M3= -166.9
MAX. BR. LOAD	(R-1)	M1= 15942.0	M2= 16612.0	M3= -45215.7
	(R-2)	M1= 15876.8	M2= 16611.9	M3= -45643.6
	(BR)	M1= -35.5	M2= 500.3	M3= -166.9

```
                                S T R E S S   A N A L Y S I S

      K = 1.200       INDEX= 3       PRESSURE=    0.       LOADS=    3

COMP. NO.      COMP. TYPE          N= 200     DR=  6.625    B1R= 1.000    B1B= 1.000    FAILURE FLAG
                                  NA= 199     DB=  1.315    B2R= 1.000    B2B= 2.090        |     |
   13        BRANCH CONNECT.      NB= 206     TR=  0.280    C1R= 2.000    C1B= 2.000
             PER NB-3643          NC= 201     TB=  0.133    C2R= 1.000    C2B= 2.787
                              INDEXO=   3                    IR= 1.045     IB= 1.045
                PRESSURE        MOMENT        CALCULATED          ALLOWABLE
                 STRESS(*)      STRESS          STRESS              STRESS

      BRANCH        0.0         2470.4          2581.9              21234.8                                S(3)
        RUN         0.0         4013.3          4194.4              21234.8                                S(3)

      MAX. RUN LOAD        (R-1)      M1=  15B70.0      M2=  26225.4      M3= -17968.0
                           (R-2)      M1=  15955.3      M2=  26215.8      M3= -17714.1
                           (BR )      M1=    103.6      M2=    270.7      M3=   -214.4

      MAX. BR. LOAD        (R-1)      M1=  15870.0      M2=  26225.4      M3= -1796B.0
                           (R-2)      M1=  15955.3      M2=  26215.8      M3= -17714.1
                           (BR )      M1=    103.6      M2=    270.7      M3=   -214.4

COMP. NO.      COMP. TYPE          N=  76     DR= 12.750    B1R= 1.000    B1B= 1.000    FAILURE FLAG
                                  NA= 228     DB=  4.500    B2R= 1.340    B2B= 3.949        |     |
   14        BRANCH CONNECT.      NB=  77     TR=  0.375    C1R= 2.000    C1B= 2.000
             PER NB-3643          NC= 229     TB=  0.237    C2R= 1.786    C2B= 5.265
                              INDEXO=   3                    IR= 1.974     IB= 1.974
                PRESSURE        MOMENT        CALCULATED          ALLOWABLE
                 STRESS(*)      STRESS          STRESS              STRESS

      BRANCH        0.0         6456.5         12748.2              21234.8                                S(3)
        RUN         0.0         6952.8         13728.2              21234.8                                S(3)

      MAX. RUN LOAD        (R-1)      M1= 177742.7      M2= 153685.0      M3=-207679.5
                           (R-2)      M1= 157049.3      M2= 153099.4      M3=-20346B.7
                           (BR )      M1=   2016.7      M2=   4760.5      M3= -21219.9

      MAX. BR. LOAD        (R-1)      M1= 177742.7      M2= 153685.0      M3=-207679.5
                           (R-2)      M1= 157049.3      M2= 153099.4      M3=-203468.7
                           (BR )      M1=   2016.7      M2=   4760.5      M3= -21219.9

IH0900I EXECUTION TERMINATING DUE TO ERROR COUNT FOR ERROR NUMBER  217

IH0217I FIOCS - END OF DATA SET ON UNIT    5

TRACEBACK  ROUTINE  CALLED FROM ISN   REG.  14   REG.  15   REG.   0   REG.   1

           IBCOM                      000E533C   000FA7BC   00000000   000E45C8

           LODCOD            0032     520E65C6   000E3F4B   00000003   000E6164

           TIEUP             0414     520E3754   000E60F0   FFFFFFFF   000E186C

           MAIN                       0001F708   000E10D0   006B8010   000D4FF8

ENTRY POINT=  000E10D0
```

SUMMARY OF ERRORS FOR THIS JOB	ERROR NUMBER	NUMBER OF ERRORS
	217	1
	208	511 OR OVER

A P P E N D I X C

COMPUTER JOB NO. 7202

Load Case 1: Weight + Pressure (Normal 1B)

Load Case 2: Thermal Expansion (Normal 1B)

Load Case 3: Wt. + Press. (Normal 1B) + 1/2SSE X,Y,Z (Bldg. Only), Case 1 Snubber K's

Load Case 4: 1/2SSE X,Y,Z (Bldg. Only), Case 1 Snubber K's

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 GGGGGGGGGG
GGGGGGGGGGGG
GG        GG
GG
GG
GG
GG     GGGGG
GG     GGGGG
GG        GG
GG        GG
GGGGGGGGGGGG
 GGGGGGGGGG

FFFFFFFFFFFF  TTTTTTTTTTTT    00000000     66666666666  FFFFFFFFFFFF    00000000      00000000        11
FFFFFFFFFFFF  TTTTTTTTTTTT   0000000000   666666666666  FFFFFFFFFFFF   0000000000    0000000000      111
FF                TT        00        00  66           FF            00        00  00        00     1111
FF                TT        00        00  66           FF            00        00  00        00       11
FF                TT        00        00  66           FF            00        00  00        00       11
FFFFFFF           TT        00        00  66666666666   FFFFFFF       00        00  00        00       11
FFFFFFF           TT        00        00  666666666666  FFFFFFF       00        00  00        00       11
FF                TT        00        00  66        66 FF            00        00  00        00       11
FF                TT        00        00  66        66 FF            00        00  00        00       11
FF                TT        00        00  66        66 FF            00        00  00        00       11
FF                TT        00        00  66        66 FF            00        00  00        00       11
FF                TT       0000000000   666666666666  FF             0000000000    0000000000  1111111111
FF                TT        00000000     6666666666   FF              00000000      00000000   1111111111

                JOBNAME  WSS14RJP            JOB NUMBER  7202
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 SSSSSSSSSS     AAAAAAAAAA    PPPPPPPPPPP                    VV        VV
SSSSSSSSSSSS   AAAAAAAAAAAA   PPPPPPPPPPPP                   VV        VV
SS        SS   AA        AA   PP        PP                    VV      VV
SS             AA        AA   PP        PP                    VV      VV
SSS            AA        AA   PP        PP                     VV    VV
 SSSSSSSSS     AAAAAAAAAAAA   PPPPPPPPPPPP                    VV    VV
  SSSSSSSSS    AAAAAAAAAAAA   PPPPPPPPPPP                      VV  VV
        SSS    AA        AA   PP                               VV  VV
         SS    AA        AA   PP                                VVVV
SS       SS    AA        AA   PP                                VVVV
SSSSSSSSSSSS   AA        AA   PP                                 VV
 SSSSSSSSSS    AA        AA   PP                                 VV
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USC VERSION JULY 4, 1976

10/02/80 19.770 HOURS

BELLEFONTE**DECAY HEAT REMOVAL & SPENT FUEL COOLING**N4-IND-E(N4-2ND-E)

C O N T R O L I N F O R M A T I O N

```
PIPE STRESS OPTION CODE  =    3
NUMBER OF NODAL POINTS   =  311
NUMBER OF ELEMENT TYPES  =    3
NUMBER OF LOAD CASES     =    2
NUMBER OF FREQUENCIES    =   50
ANALYSIS CODE (NDYN)     =    0
  EQ.0,  STATIC
  EQ.1,  MODAL EXTRACTION
  EQ.2,  FORCED RESPONSE
  EQ.3,  RESPONSE SPECTRUM
  EQ.4,  DIRECT INTEGRATION
  EQ.5,  FREQUENCY RESPONSE
SOLUTION MODE (MODEX)    =    0
  EQ.0,  EXECUTION
  EQ.1,  DATA CHECK
NUMBER OF SUBSPACE
ITERATION VECTORS (NAD)  =    0
EQUATIONS PER BLOCK      =    0
TAPE10 SAVE FLAG (N10SV) =    0
GRAVITATIONAL CONSTANT   =  386.40
TOTAL BLANK COMMON (MTOT)=85000
```

BANDWIDTH MINIMIZATION IS REQUESTED

REQUIRED BLANK COMMON FOR THIS STEP= 3733

NODAL POINT INPUT DATA

NODE	BOUNDARY CONDITION CODES						NODAL POINT COORDINATES				
NUMBER	X	Y	Z	XX	YY	ZZ	X	Y	Z		T
1	1	1	1	1	1	1	-1437.236	7482.000	861.256	0	350.000
2	0	0	0	0	0	0	-1463.281	7482.000	764.060	0	350.000
3	0	0	0	0	0	0	-1466.904	7496.000	750.537	0	350.000
4	0	0	0	0	0	0	-1466.904	7514.000	750.537	0	350.000
5	0	0	0	0	0	0	-1461.495	7528.849	747.607	0	350.000
6	0	0	0	0	0	0	-1438.764	7535.000	735.300	0	350.000
7	0	0	0	0	0	0	-1393.166	7535.000	710.612	0	350.000
8	0	0	0	0	0	0	-1294.749	7535.000	637.227	0	350.000
9	0	0	0	0	0	0	-1214.175	7535.000	556.653	0	350.000
10	0	0	0	0	0	0	-1201.448	7535.000	543.926	0	350.000
11	0	0	0	0	0	0	-1154.000	7535.000	429.375	0	350.000
12	0	0	0	0	0	0	-1154.000	7535.000	361.000	0	670.000
13	0	0	0	0	0	0	-1175.000	7535.000	340.000	0	670.000
14	0	0	0	0	0	0	-1329.000	7535.000	340.000	0	670.000
15	0	0	0	0	0	0	-1329.000	7535.000	264.000	0	670.000
16	0	0	0	0	0	0	-1350.000	7535.000	243.000	0	670.000
17	0	0	0	0	0	0	-1443.302	7535.000	243.000	0	670.000
18	0	0	0	0	0	0	-1458.151	7535.000	249.151	0	670.000
19	0	0	0	0	0	0	-1469.849	7535.000	260.849	0	670.000
20	0	0	0	0	0	0	-1484.698	7535.000	267.000	0	670.000
21	0	0	0	0	0	0	-1539.000	7535.000	267.000	0	670.000
22	0	0	0	0	0	0	-1560.000	7554.734	259.818	0	670.000
23	0	0	0	0	0	0	-1560.000	7587.623	247.847	0	670.000
24	1	1	1	1	1	1	-1926.644	7482.000	846.000	0	350.000
25	0	0	0	0	0	0	-1899.060	7482.000	758.284	0	350.000
26	0	0	0	0	0	0	-1893.625	7503.000	738.000	0	350.000
27	0	0	0	0	0	0	-1893.625	7514.000	738.000	0	350.000

28	0	0	0	0	0	0	-1872.625	7535.000	738.000	0	350.000
29	0	0	0	0	0	0	-1861.625	7535.000	738.000	0	350.000
30	0	0	0	0	0	0	-1596.000	7535.000	738.000	0	350.000
31	0	0	0	0	0	0	-1311.743	7535.000	620.256	0	350.000
32	0	0	0	0	0	0	-1244.942	7535.000	553.505	0	670.000
33	0	0	0	0	0	0	-1244.942	7535.000	523.807	0	670.000
34	0	0	0	0	0	0	-1322.849	7535.000	445.901	0	670.000
35	0	0	0	0	0	0	-1329.000	7535.000	431.052	0	670.000
36	0	0	0	0	0	0	-1431.433	7535.000	748.801	0	350.000
37	0	0	0	0	0	0	-1427.158	7544.000	756.715	0	350.000
38	0	0	0	0	0	0	-1427.158	7659.000	756.715	0	350.000
39	0	0	0	0	0	0	-1495.261	7659.000	771.191	0	350.000
40	0	0	0	0	0	0	-1504.064	7650.000	773.062	0	350.000
41	0	0	0	0	0	0	-1504.064	7643.000	773.062	0	350.000
42	0	0	0	0	0	0	-1504.064	7634.000	764.062	0	350.000
43	0	0	0	0	0	0	-1504.064	7634.000	747.625	0	350.000
44	0	0	0	0	0	0	-1513.064	7634.000	738.625	0	350.000
45	0	0	0	0	0	0	-1708.655	7634.000	738.625	0	350.000
46	0	0	0	0	0	0	-1711.286	7634.000	738.232	0	350.000
47	0	0	0	0	0	0	-2072.457	7634.000	627.810	0	350.000
48	0	0	0	0	0	0	-2079.306	7634.000	623.405	0	350.000
49	0	0	0	0	0	0	-2190.763	7634.000	497.408	0	350.000
50	0	0	0	0	0	0	-2189.468	7634.000	476.235	0	350.000
51	0	0	0	0	0	0	-2184.973	7634.000	472.258	0	350.000
52	0	0	0	0	0	0	-2173.739	7619.000	462.319	0	350.000
53	0	0	0	0	0	0	-2173.739	7615.000	462.319	0	350.000
54	0	0	0	0	0	0	-1861.625	7659.000	738.000	0	350.000
55	0	0	0	0	0	0	-1851.300	7659.000	704.230	0	350.000
56	0	0	0	0	0	0	-1857.276	7659.000	692.992	0	350.000
57	0	0	0	0	0	0	-2042.798	7659.000	636.271	0	350.000
58	0	0	0	0	0	0	-2051.405	7650.000	633.640	0	350.000
59	0	0	0	0	0	0	-2051.519	7634.000	634.211	0	350.000
60	0	0	0	0	0	0	-1214.175	7557.000	556.653	0	350.000
61	0	0	0	0	0	0	-1208.556	7572.000	542.745	0	350.000
62	0	0	0	0	0	0	-1176.727	7572.000	464.006	0	300.000
63	0	0	0	0	0	0	-1162.819	7572.000	454.625	0	300.000
64	0	0	0	0	0	0	-1087.875	7572.000	454.625	0	300.000
65	0	0	0	0	0	0	-1072.875	7587.000	454.625	0	300.000
66	0	0	0	0	0	0	-1072.875	7617.000	454.625	0	300.000
67	0	0	0	0	0	0	-1065.375	7632.000	441.635	0	300.000
68	0	0	0	0	0	0	-982.135	7632.000	297.481	0	300.000
69	0	0	0	0	0	0	-980.125	7632.000	289.981	0	300.000
70	0	0	0	0	0	0	-980.125	7632.000	250.000	0	300.000
71	0	0	0	0	0	0	-957.397	7626.728	250.000	0	300.000
72	0	0	0	0	0	0	-952.125	7614.000	250.000	0	300.000
73	0	0	0	0	0	0	-952.125	7500.000	250.000	0	300.000
74	0	0	0	0	0	0	-935.131	7482.000	255.934	0	300.000
75	1	1	1	1	1	1	-842.610	7482.000	288.244	0	300.000
76	0	0	0	0	0	0	-1012.125	7632.000	250.000	0	300.000
77	0	0	0	0	0	0	-1038.000	7632.000	250.000	0	300.000
78	0	0	0	0	0	0	-1056.000	7650.000	250.000	0	300.000
79	0	0	0	0	0	0	-1056.000	7914.000	250.000	0	300.000
80	0	0	0	0	0	0	-1056.000	7932.000	232.000	0	300.000
81	1	1	1	1	1	1	-1056.000	7932.000	219.000	0	300.000
82	0	0	0	0	0	0	-1012.125	7500.000	250.000	0	300.000
83	0	0	0	0	0	0	-1006.471	7494.000	247.992	0	300.000
84	0	0	0	0	0	0	-989.654	7494.000	242.008	0	300.000
85	0	0	0	0	0	0	-984.000	7488.000	240.000	0	300.000
86	0	0	0	0	0	0	-984.000	7440.000	240.000	0	300.000
87	0	0	0	0	0	0	-975.632	7440.000	241.757	0	300.000

88	0	0	0	0	0	0	-973.875	7440.000	246.000	0	300.000
89	1	1	1	1	1	1	-973.875	7440.000	261.000	0	300.000
90	0	0	0	0	0	0	-992.366	7440.000	238.243	0	300.000
91	0	0	0	0	0	0	-994.125	7440.000	234.000	0	300.000
92	1	1	1	1	1	1	-994.125	7440.000	219.000	0	300.000
93	0	0	0	0	0	0	-1445.680	7482.000	829.743	0	350.000
94	0	0	0	0	0	0	-1458.103	7482.000	783.378	0	350.000
95	0	0	0	0	0	0	-1448.437	7535.000	740.537	0	350.000
96	0	0	0	0	0	0	-1434.300	7535.000	743.544	0	350.000
97	0	0	0	0	0	0	-1429.091	7535.000	730.063	0	350.000
98	0	0	0	0	0	0	-1421.508	7535.000	725.956	0	350.000
99	0	0	0	0	0	0	-1263.710	7535.000	606.188	0	350.000
100	0	0	0	0	0	0	-1244.335	7535.000	586.813	0	350.000
101	0	0	0	0	0	0	-1221.953	7535.000	564.431	0	350.000
102	0	0	0	0	0	0	-1206.397	7535.000	548.875	0	350.000
103	0	0	0	0	0	0	-1214.175	7545.125	556.653	0	350.000
104	0	0	0	0	0	0	-1154.000	7535.000	421.000	0	670.000
105	0	0	0	0	0	0	-1154.000	7535.000	400.000	0	670.000
106	0	0	0	0	0	0	-1151.750	7561.750	400.000	0	670.000
107	0	0	0	0	0	0	-1154.000	7535.000	379.000	0	670.000
108	0	0	0	0	0	0	-1183.000	7535.000	340.000	0	670.000
109	0	0	0	0	0	0	-1183.000	7535.000	333.000	0	670.000
110	0	0	0	0	0	0	-1183.000	7535.000	330.000	0	670.000
111	0	0	0	0	0	0	-1183.000	7535.000	325.250	0	670.000
112	0	0	0	0	0	0	-1183.000	7535.000	319.250	0	670.000
113	0	0	0	0	0	0	-1184.650	7562.000	317.690	0	670.000
114	0	0	0	0	0	0	-1183.000	7535.000	313.250	0	670.000
115	0	0	0	0	0	0	-1183.000	7535.000	310.625	0	350.000
116	0	0	0	0	0	0	-1183.000	7535.000	307.250	0	350.000
117	0	0	0	0	0	0	-1183.000	7535.000	303.875	0	350.000
118	0	0	0	0	0	0	-1183.000	7532.375	307.250	0	350.000
119	0	0	0	0	0	0	-1183.000	7535.000	296.250	0	350.000
120	0	0	0	0	0	0	-1183.000	7527.000	307.250	0	350.000
121	0	0	0	0	0	0	-1183.000	7523.063	304.688	0	350.000
122	0	0	0	0	0	0	-1193.000	7535.000	340.000	0	670.000
123	0	0	0	0	0	0	-1212.000	7535.000	340.000	0	670.000
124	0	0	0	0	0	0	-1260.000	7535.000	340.000	0	670.000
125	0	0	0	0	0	0	-1270.000	7535.000	340.000	0	670.000
126	0	0	0	0	0	0	-1291.000	7535.000	340.000	0	670.000
127	0	0	0	0	0	0	-1291.000	7561.750	337.750	0	670.000
128	0	0	0	0	0	0	-1312.000	7535.000	340.000	0	670.000
129	0	0	0	0	0	0	-1318.000	7535.000	340.000	0	670.000
130	0	0	0	0	0	0	-1329.000	7535.000	351.000	0	670.000
131	0	0	0	0	0	0	-1329.000	7535.000	329.000	0	670.000
132	0	0	0	0	0	0	-1365.000	7535.000	243.000	0	670.000
133	0	0	0	0	0	0	-1500.000	7535.000	267.000	0	670.000
134	0	0	0	0	0	0	-1329.000	7535.000	368.000	0	670.000
135	0	0	0	0	0	0	-1329.000	7535.000	383.000	0	670.000
136	0	0	0	0	0	0	-1329.000	7535.000	404.000	0	670.000
137	0	0	0	0	0	0	-1330.591	7561.750	405.591	0	670.000
138	0	0	0	0	0	0	-1329.000	7535.000	425.000	0	670.000
139	0	0	0	0	0	0	-1292.93[illegible]	7535.000	475.813	0	670.000
140	0	0	0	0	0	0	-1258.996	7535.000	509.754	0	670.000
141	0	0	0	0	0	0	-1250.599	7535.000	518.150	0	670.000
142	0	0	0	0	0	0	-1245.649	7535.000	513.200	0	670.000
143	0	0	0	0	0	0	-1243.528	7535.000	511.079	0	670.000
144	0	0	0	0	0	0	-1240.169	7535.000	507.720	0	670.000
145	0	0	0	0	0	0	-1235.926	7535.000	503.477	0	670.000
146	0	0	0	0	0	0	-1235.990	7562.000	502.310	0	670.000
147	0	0	0	0	0	0	-1231.683	7535.000	499.235	0	670.000

148	0	0	0	0	0	0	-1229.827	7535.000	497.379	0	350.000
149	0	0	0	0	0	0	-1227.441	7535.000	494.993	0	350.000
150	0	0	0	0	0	0	-1225.055	7535.000	492.607	0	350.000
151	0	0	0	0	0	0	-1227.441	7532.375	494.993	0	350.000
152	0	0	0	0	0	0	-1219.663	7535.000	487.215	0	350.000
153	0	0	0	0	0	0	-1227.441	7527.000	494.993	0	350.000
154	0	0	0	0	0	0	-1225.629	7523.063	493.181	0	350.000
155	0	0	0	0	0	0	-1251.306	7535.000	559.869	0	670.000
156	0	0	0	0	0	0	-1278.883	7535.000	587.446	0	670.000
157	0	0	0	0	0	0	-1293.732	7535.000	601.995	0	670.000
158	0	0	0	0	0	0	-1292.141	7561.750	603.586	0	670.000
159	0	0	0	0	0	0	-1308.581	7535.000	617.144	0	670.000
160	0	0	0	0	0	0	-1318.323	7535.000	626.688	0	350.000
161	0	0	0	0	0	0	-1373.363	7535.000	670.719	0	350.000
162	0	0	0	0	0	0	-1445.929	7535.000	708.938	0	350.000
163	0	0	0	0	0	0	-1461.269	7535.000	714.750	0	350.000
164	0	0	0	0	0	0	-1474.123	7535.000	718.438	0	350.000
165	0	0	0	0	0	0	-1534.062	7535.000	733.200	0	350.000
166	0	0	0	0	0	0	-1427.158	7652.000	756.715	0	350.000
167	0	0	0	0	0	0	-1427.525	7669.000	756.793	0	350.000
168	0	0	0	0	0	0	-1434.983	7659.000	758.378	0	350.000
169	0	0	0	0	0	0	-1447.699	7659.000	761.081	0	350.000
170	0	0	0	0	0	0	-1483.524	7659.000	768.696	0	350.000
171	0	0	0	0	0	0	-1483.524	7655.688	768.696	0	350.000
172	0	0	0	0	0	0	-1483.524	7653.000	768.696	0	350.000
173	0	0	0	0	0	0	-1483.524	7647.875	768.696	0	350.000
174	0	0	0	0	0	0	-1483.524	7641.125	768.696	0	350.000
175	0	0	0	0	0	0	-1489.393	7659.000	769.943	0	350.000
176	0	0	0	0	0	0	-1504.064	7647.000	773.062	0	350.000
177	0	0	0	0	0	0	-1566.000	7634.000	738.625	0	350.000
178	0	0	0	0	0	0	-1638.250	7634.000	738.625	0	350.000
179	0	0	0	0	0	0	-1813.032	7634.000	707.125	0	350.000
180	0	0	0	0	0	0	-1933.849	7634.000	670.188	0	350.000
181	0	0	0	0	0	0	-1943.457	7634.000	667.250	0	350.000
182	0	0	0	0	0	0	-2030.696	7634.000	638.743	0	350.000
183	0	0	0	0	0	0	-2043.390	7634.000	636.696	0	350.000
184	0	0	0	0	0	0	-2051.519	7641.500	634.211	0	350.000
185	0	0	0	0	0	0	-2059.648	7634.000	631.726	0	350.000
186	0	0	0	0	0	0	-2132.500	7634.000	563.280	0	350.000
187	0	0	0	0	0	0	-2139.563	7634.000	555.297	0	350.000
188	0	0	0	0	0	0	-2146.188	7634.000	547.808	0	350.000
189	0	0	0	0	0	0	-2187.250	7634.000	474.250	0	350.000
190	0	0	0	0	0	0	-1680.000	7535.000	738.000	0	350.000
191	0	0	0	0	0	0	-1844.125	7535.000	738.000	0	350.000
192	0	0	0	0	0	0	-1850.625	7535.000	738.000	0	350.000
193	0	0	0	0	0	0	-1861.625	7544.375	738.000	0	350.000
194	0	0	0	0	0	0	-1904.826	7482.000	774.638	0	350.000
195	0	0	0	0	0	0	-1917.106	7482.000	814.803	0	350.000
196	0	0	0	0	0	0	-1861.625	7652.000	738.000	0	350.000
197	0	0	0	0	0	0	-1861.515	7669.000	737.641	0	350.000
198	0	0	0	0	0	0	-1859.213	7659.000	730.110	0	350.000
199	0	0	0	0	0	0	-1865.882	7659.000	690.360	0	350.000
200	0	0	0	0	0	0	-1883.096	7659.000	685.098	0	350.000
201	0	0	0	0	0	0	-1883.096	7655.688	685.098	0	350.000
202	0	0	0	0	0	0	-1883.096	7653.625	685.098	0	350.000
203	0	0	0	0	0	0	-1886.921	7649.625	683.929	0	350.000
204	0	0	0	0	0	0	-1894.333	7649.625	681.663	0	350.000
205	0	0	0	0	0	0	-1900.788	7649.625	679.689	0	350.000
206	0	0	0	0	0	0	-1900.788	7659.000	679.689	0	350.000
207	0	0	0	0	0	0	-1937.545	7659.000	668.450	0	350.000

208	0	0	0	0	0	0	-2037.810	7659.000	637.796	0	350.000
209	0	0	0	0	0	0	-1201.640	7572.000	525.670	0	350.000
210	0	0	0	0	0	0	-1198.269	7572.000	517.325	0	350.000
211	0	0	0	0	0	0	-1197.527	7593.500	517.625	0	350.000
212	0	0	0	0	0	0	-1194.898	7572.000	508.980	0	350.000
213	0	0	0	0	0	0	-1179.680	7572.000	471.314	0	300.000
214	0	0	0	0	0	0	-1063.875	7632.000	439.037	0	300.000
215	0	0	0	0	0	0	-980.125	7632.000	259.500	0	300.000
216	0	0	0	0	0	0	-990.125	7632.000	250.000	0	300.000
217	0	0	0	0	0	0	-970.125	7632.000	250.000	0	300.000
218	0	0	0	0	0	0	-952.125	7608.000	250.000	0	300.000
219	0	0	0	0	0	0	-952.125	7528.000	250.000	0	300.000
220	0	0	0	0	0	0	-952.125	7526.000	250.000	0	300.000
221	0	0	0	0	0	0	-946.695	7525.740	249.795	0	300.000
222	0	0	0	0	0	0	-952.125	7524.000	250.000	0	300.000
223	0	0	0	0	0	0	-952.125	7508.000	250.000	0	300.000
224	0	0	0	0	0	0	-952.125	7506.000	250.000	0	300.000
225	0	0	0	0	0	0	-946.695	7505.740	249.795	0	300.000
226	0	0	0	0	0	0	-952.125	7504.000	250.000	0	300.000
227	0	0	0	0	0	0	-903.268	7482.000	267.061	0	300.000
228	0	0	0	0	0	0	-1004.063	7632.000	250.000	0	300.000
229	0	0	0	0	0	0	-1012.125	7625.625	250.000	0	300.000
230	0	0	0	0	0	0	-1012.125	7621.625	250.000	0	300.000
231	0	0	0	0	0	0	-1056.000	7653.000	250.000	0	300.000
232	0	0	0	0	0	0	-1056.000	7905.500	250.000	0	300.000
233	0	0	0	0	0	0	-1056.000	7907.500	250.000	0	300.000
234	0	0	0	0	0	0	-1056.250	7907.240	255.430	0	300.000
235	0	0	0	0	0	0	-1056.000	7909.500	250.000	0	300.000
236	0	0	0	0	0	0	-1012.125	7514.000	250.000	0	300.000
237	0	0	0	0	0	0	-1012.125	7513.000	250.000	0	300.000
238	0	0	0	0	0	0	-1012.125	7507.000	250.000	0	300.000
239	0	0	0	0	0	0	-1018.425	7507.000	250.000	0	300.000
240	0	0	0	0	0	0	-1012.125	7501.000	250.000	0	300.000
241	0	0	0	0	0	0	-984.000	7444.125	240.000	0	300.000
242	0	0	0	0	0	0	-979.875	7440.000	240.000	0	300.000
243	0	0	0	0	0	0	-988.125	7440.000	240.000	0	300.000
244	0	0	0	0	0	0	-973.875	7440.000	247.000	0	300.000
245	0	0	0	0	0	0	-973.875	7440.000	253.000	0	300.000
246	0	0	0	0	0	0	-973.875	7446.300	253.000	0	300.000
247	0	0	0	0	0	0	-973.875	7440.000	259.000	0	300.000
248	0	0	0	0	0	0	-994.125	7440.000	233.000	0	300.000
249	0	0	0	0	0	0	-994.125	7440.000	227.000	0	300.000
250	0	0	0	0	0	0	-994.125	7446.300	227.000	0	300.000
251	0	0	0	0	0	0	-994.125	7440.000	221.000	0	300.000
252	0	0	0	0	0	0	-1856.362	7659.000	720.787	0	350.000
253	-1	-1	-1	-1	-1	-1	-1421.508	7550.000	725.956	0	0.0
254	0	0	0	0	0	0	-1253.710	7535.000	616.188	0	0.0
255	0	0	0	0	0	0	-1254.335	7535.000	596.813	0	0.0
256	0	0	0	0	0	0	-1201.448	7550.000	543.926	0	0.0
257	0	0	0	0	0	0	-1154.000	7550.000	361.000	0	0.0
258	0	0	0	0	0	0	-1183.000	7550.000	303.875	0	0.0
259	0	0	0	0	0	0	-1173.000	7535.000	303.875	0	0.0
260	0	0	0	0	0	0	-1193.000	7550.000	340.000	0	0.0
261	0	0	0	0	0	0	-1193.000	7535.000	350.000	0	0.0
262	0	0	0	0	0	0	-1365.000	7550.000	243.000	0	0.0
263	0	0	0	0	0	0	-1365.000	7535.000	253.000	0	0.0
264	0	0	0	0	0	0	-1500.000	7550.000	267.000	0	0.0
265	0	0	0	0	0	0	-1329.000	7550.000	368.000	0	0.0
266	0	0	0	0	0	0	-1319.000	7535.000	368.000	0	0.0
267	0	0	0	0	0	0	-1258.996	7550.000	509.754	0	0.0

268	0	0	0	0	0	0	-1248.996	7535.000	499.754	0	0.0
269	0	0	0	0	0	0	-1225.055	7550.000	492.607	0	0.0
270	0	0	0	0	0	0	-1215.055	7535.000	502.607	0	0.0
271	0	0	0	0	0	0	-1251.306	7550.000	559.869	0	0.0
272	0	0	0	0	0	0	-1241.306	7535.000	569.869	0	0.0
273	0	0	0	0	0	0	-1318.323	7550.000	626.688	0	0.0
274	0	0	0	0	0	0	-1445.929	7550.000	708.938	0	0.0
275	0	0	0	0	0	0	-1596.000	7535.000	336.000	0	0.0
276	0	0	0	0	0	0	-1481.636	7535.000	721.520	0	0.0
277	0	0	0	0	0	0	-1449.778	7659.000	751.300	0	0.0
278	0	0	0	0	0	0	-1489.393	7700.000	769.943	0	0.0
279	0	0	0	0	0	0	-1504.064	7647.000	763.062	0	0.0
280	0	0	0	0	0	0	-1514.064	7647.000	773.062	0	0.0
281	0	0	0	0	0	0	-1566.000	7700.000	738.625	0	0.0
282	0	0	0	0	0	0	-1638.250	7634.000	728.625	0	0.0
283	0	0	0	0	0	0	-1813.032	7700.000	707.125	0	0.0
284	0	0	0	0	0	0	-1936.773	7634.000	679.751	0	0.0
285	0	0	0	0	0	0	-1953.020	7634.000	664.326	0	0.0
286	0	0	0	0	0	0	-2125.010	7634.000	556.654	0	0.0
287	0	0	0	0	0	0	-2146.189	7634.000	547.807	0	0.0
288	0	0	0	0	0	0	-2146.188	7700.000	547.808	0	0.0
289	0	0	0	0	0	0	-2187.250	7700.000	474.250	0	0.0
290	0	0	0	0	0	0	-1680.000	7550.000	738.000	0	0.0
291	0	0	0	0	0	0	-1680.000	7535.000	728.000	0	0.0
292	0	0	0	0	0	0	-1844.125	7550.000	738.000	0	0.0
293	0	0	0	0	0	0	-1862.958	7659.000	680.797	0	0.0
294	0	0	0	0	0	0	-1937.545	7700.000	668.450	0	0.0
295	0	0	0	0	0	0	-2037.810	7700.000	637.796	0	0.0
296	0	0	0	0	0	0	-1179.680	7600.000	471.314	0	0.0
297	0	0	0	0	0	0	-1063.875	7700.000	439.037	0	0.0
298	0	0	0	0	0	0	-952.125	7608.000	240.000	0	0.0
299	0	0	0	0	0	0	-1004.063	7700.000	250.000	0	0.0
300	0	0	0	0	0	0	-1056.000	7653.000	240.000	0	0.0
301	0	0	0	0	0	0	-1046.000	7653.000	250.000	0	0.0
302	0	0	0	0	0	0	-1012.125	7514.000	240.000	0	0.0
303	0	0	0	0	0	0	-1002.125	7514.000	250.000	0	0.0
304	0	0	0	0	0	0	-1846.799	7659.000	723.711	0	0.0
305	1	1	1	1	1	1	-1140.000	7535.000	361.000	0	0.0
306	-1	-1	-1	-1	-1	-1	-1550.000	7587.623	247.847	0	0.0
307	0	0	0	0	0	0	-1560.000	7597.623	247.847	0	0.0
308	0	0	0	0	0	0	-1560.000	7587.623	257.847	0	0.0
309	0	0	0	0	0	0	-2163.739	7615.000	462.319	0	0.0
310	0	0	0	0	0	0	-2173.739	7625.000	462.319	0	0.0
311D	1	1	1	1	1	1	-2173.739	7615.000	472.319	0	0.0

GENERATED NODAL DATA

NODE NUMBER	BOUNDARY CONDITION CODES X	Y	Z	XX	YY	ZZ	NODAL POINT COORDINATES X	Y	Z	T
1	1	1	1	1	1	1	-1437.236	7482.000	861.256	305.000
2	0	0	0	0	0	0	-1463.281	7482.000	764.060	305.000
3	0	0	0	0	0	0	-1466.904	7496.000	750.537	305.000
4	0	0	0	0	0	0	-1466.904	7514.000	750.537	305.000
5	0	0	0	0	0	0	-1461.495	7528.849	747.607	305.000
6	0	0	0	0	0	0	-1438.764	7535.000	735.300	305.000
7	0	0	0	0	0	0	-1393.166	7535.000	710.612	305.000
8	0	0	0	0	0	0	-1294.749	7535.000	637.227	305.000
9	0	0	0	0	0	0	-1214.175	7535.000	556.653	305.000
10	0	0	0	0	0	0	-1201.448	7535.000	543.926	305.000
11	0	0	0	0	0	0	-1154.000	7535.000	429.375	305.000
12	0	0	0	0	0	0	-1154.000	7535.000	361.000	305.000
13	0	0	0	0	0	0	-1175.000	7535.000	340.000	305.000
14	0	0	0	0	0	0	-1329.000	7535.000	340.000	305.000
15	0	0	0	0	0	0	-1329.000	7535.000	264.000	305.000
16	0	0	0	0	0	0	-1350.000	7535.000	243.000	305.000
17	0	0	0	0	0	0	-1443.302	7535.000	243.000	305.000
18	0	0	0	0	0	0	-1458.151	7535.000	249.151	305.000
19	0	0	0	0	0	0	-1469.849	7535.000	260.849	305.000
20	0	0	0	0	0	0	-1484.698	7535.000	267.000	305.000
21	0	0	0	0	0	0	-1539.000	7535.000	267.000	305.000
22	0	0	0	0	0	0	-1560.000	7554.734	259.818	305.000
23	0	0	0	0	0	0	-1560.000	7587.623	247.847	305.000
24	1	1	1	1	1	1	-1926.644	7482.000	846.000	305.000
25	0	0	0	0	0	0	-1899.060	7482.000	758.284	305.000
26	0	0	0	0	0	0	-1893.625	7503.000	738.000	305.000
27	0	0	0	0	0	0	-1893.625	7514.000	738.000	305.000
28	0	0	0	0	0	0	-1872.625	7535.000	738.000	305.000
29	0	0	0	0	0	0	-1861.625	7535.000	738.000	305.000
30	0	0	0	0	0	0	-1596.000	7535.000	738.000	305.000
31	0	0	0	0	0	0	-1311.743	7535.000	620.256	305.000
32	0	0	0	0	0	0	-1244.942	7535.000	553.505	305.000
33	0	0	0	0	0	0	-1244.942	7535.000	523.807	305.000
34	0	0	0	0	0	0	-1322.849	7535.000	445.901	305.000
35	0	0	0	0	0	0	-1329.000	7535.000	431.052	305.000
36	0	0	0	0	0	0	-1431.433	7535.000	748.801	305.000
37	0	0	0	0	0	0	-1427.158	7544.000	756.715	305.000
38	0	0	0	0	0	0	-1427.158	7659.000	756.715	305.000
39	0	0	0	0	0	0	-1495.261	7659.000	771.191	120.000
40	0	0	0	0	0	0	-1504.064	7650.000	773.062	120.000
41	0	0	0	0	0	0	-1504.064	7643.000	773.062	120.000
42	0	0	0	0	0	0	-1504.064	7634.000	764.062	120.000
43	0	0	0	0	0	0	-1504.064	7634.000	747.625	120.000
44	0	0	0	0	0	0	-1513.064	7634.000	738.625	120.000
45	0	0	0	0	0	0	-1708.655	7634.000	738.625	120.000
46	0	0	0	0	0	0	-1711.286	7634.000	738.232	120.000
47	0	0	0	0	0	0	-2072.457	7634.000	627.810	120.000
48	0	0	0	0	0	0	-2079.306	7634.000	623.405	120.000
49	0	0	0	0	0	0	-2190.763	7634.000	497.408	120.000
50	0	0	0	0	0	0	-2189.468	7634.000	476.235	120.000
51	0	0	0	0	0	0	-2184.973	7634.000	472.258	120.000
52	0	0	0	0	0	0	-2173.739	7619.000	462.319	120.000
53	0	0	0	0	0	0	-2173.739	7615.000	462.319	120.000
54	0	0	0	0	0	0	-1861.625	7659.000	738.000	305.000
55	0	0	0	0	0	0	-1851.300	7659.000	704.230	120.000
56	0	0	0	0	0	0	-1857.276	7659.000	692.992	120.000

57	0	0	0	0	0	0	-2042.798	7659.000	636.271	120.000
58	0	0	0	0	0	0	-2051.405	7650.000	633.640	120.000
59	0	0	0	0	0	0	-2051.519	7634.000	634.211	120.000
60	0	0	0	0	0	0	-1214.175	7557.000	556.653	305.000
61	0	0	0	0	0	0	-1208.556	7572.000	542.745	305.000
62	0	0	0	0	0	0	-1176.727	7572.000	464.006	120.000
63	0	0	0	0	0	0	-1162.819	7572.000	454.625	120.000
64	0	0	0	0	0	0	-1087.875	7572.000	454.625	120.000
65	0	0	0	0	0	0	-1072.875	7587.000	454.625	120.000
66	0	0	0	0	0	0	-1072.875	7617.000	454.625	120.000
67	0	0	0	0	0	0	-1065.375	7632.000	441.635	120.000
68	0	0	0	0	0	0	-982.135	7632.000	297.481	120.000
69	0	0	0	0	0	0	-980.125	7632.000	289.981	120.000
70	0	0	0	0	0	0	-980.125	7632.000	250.000	120.000
71	0	0	0	0	0	0	-957.397	7626.728	250.000	120.000
72	0	0	0	0	0	0	-952.125	7614.000	250.000	120.000
73	0	0	0	0	0	0	-952.125	7500.000	250.000	120.000
74	0	0	0	0	0	0	-935.131	7482.000	255.934	120.000
75	1	1	1	1	1	1	-842.610	7482.000	288.244	120.000
76	0	0	0	0	0	0	-1012.125	7632.000	250.000	120.000
77	0	0	0	0	0	0	-1038.000	7632.000	250.000	120.000
78	0	0	0	0	0	0	-1056.000	7650.000	250.000	120.000
79	0	0	0	0	0	0	-1056.000	7914.000	250.000	120.000
80	0	0	0	0	0	0	-1056.000	7932.000	232.000	120.000
81	1	1	1	1	1	1	-1056.000	7932.000	219.000	120.000
82	0	0	0	0	0	0	-1012.125	7500.000	250.000	120.000
83	0	0	0	0	0	0	-1006.471	7494.000	247.992	120.000
84	0	0	0	0	0	0	-989.654	7494.000	242.008	120.000
85	0	0	0	0	0	0	-984.000	7488.000	240.000	120.000
86	0	0	0	0	0	0	-984.000	7440.000	240.000	120.000
87	0	0	0	0	0	0	-975.632	7440.000	241.757	120.000
88	0	0	0	0	0	0	-973.875	7440.000	246.000	120.000
89	1	1	1	1	1	1	-973.875	7440.000	261.000	120.000
90	0	0	0	0	0	0	-992.366	7440.000	238.243	120.000
91	0	0	0	0	0	0	-994.125	7440.000	234.000	120.000
92	1	1	1	1	1	1	-994.125	7440.000	219.000	120.000
93	0	0	0	0	0	0	-1445.680	7482.000	829.743	305.000
94	0	0	0	0	0	0	-1458.103	7482.000	783.378	305.000
95	0	0	0	0	0	0	-1448.437	7535.000	740.537	305.000
96	0	0	0	0	0	0	-1434.300	7535.000	743.544	305.000
97	0	0	0	0	0	0	-1429.091	7535.000	730.063	305.000
98	0	0	0	0	0	0	-1421.508	7535.000	725.956	305.000
99	0	0	0	0	0	0	-1263.710	7535.000	606.188	305.000
100	0	0	0	0	0	0	-1244.335	7535.000	586.813	305.000
101	0	0	0	0	0	0	-1221.953	7535.000	564.431	305.000
102	0	0	0	0	0	0	-1206.097	7535.000	548.875	305.000
103	0	0	0	0	0	0	-1214.175	7545.125	556.653	305.000
104	0	0	0	0	0	0	-1154.000	7535.000	421.000	305.000
105	0	0	0	0	0	0	-1154.000	7535.000	400.000	305.000
106	0	0	0	0	0	0	-1151.750	7561.750	400.000	305.000
107	0	0	0	0	0	0	-1154.000	7535.000	379.000	305.000
108	0	0	0	0	0	0	-1183.000	7535.000	340.000	305.000
109	0	0	0	0	0	0	-1183.000	7535.000	333.000	305.000
110	0	0	0	0	0	0	-1183.000	7535.000	330.000	305.000
111	0	0	0	0	0	0	-1183.000	7535.000	325.250	305.000
112	0	0	0	0	0	0	-1183.000	7535.000	319.250	305.000
113	0	0	0	0	0	0	-1184.650	7562.000	317.690	305.000
114	0	0	0	0	0	0	-1183.000	7535.000	313.250	305.000
115	0	0	0	0	0	0	-1183.000	7535.000	310.625	305.000
116	0	0	0	0	0	0	-1183.000	7535.000	307.250	305.000

117	0	0	0	0	0	0	-1183.000	7535.000	303.875	305.000
118	0	0	0	0	0	0	-1183.000	7532.375	307.250	305.000
119	0	0	0	0	0	0	-1183.000	7535.000	296.250	305.000
120	0	0	0	0	0	0	-1183.000	7527.000	307.250	305.000
121	0	0	0	0	0	0	-1183.000	7523.063	304.688	305.000
122	0	0	0	0	0	0	-1193.000	7535.000	340.000	305.000
123	0	0	0	0	0	0	-1212.000	7535.000	340.000	305.000
124	0	0	0	0	0	0	-1260.000	7535.000	340.000	305.000
125	0	0	0	0	0	0	-1270.000	7535.000	340.000	305.000
126	0	0	0	0	0	0	-1291.000	7535.000	340.000	305.000
127	0	0	0	0	0	0	-1291.000	7561.750	337.750	305.000
128	0	0	0	0	0	0	-1312.000	7535.000	340.000	305.000
129	0	0	0	0	0	0	-1318.000	7535.000	340.000	305.000
130	0	0	0	0	0	0	-1329.000	7535.000	351.000	305.000
131	0	0	0	0	0	0	-1329.000	7535.000	329.000	305.000
132	0	0	0	0	0	0	-1365.000	7535.000	243.000	305.000
133	0	0	0	0	0	0	-1500.000	7535.000	267.000	305.000
134	0	0	0	0	0	0	-1329.000	7535.000	368.000	305.000
135	0	0	0	0	0	0	-1329.000	7535.000	383.000	305.000
136	0	0	0	0	0	0	-1329.000	7535.000	404.000	305.000
137	0	0	0	0	0	0	-1330.591	7561.750	405.591	305.000
138	0	0	0	0	0	0	-1329.000	7535.000	425.000	305.000
139	0	0	0	0	0	0	-1292.937	7535.000	475.813	305.000
140	0	0	0	0	0	0	-1258.996	7535.000	509.754	305.000
141	0	0	0	0	0	0	-1250.599	7535.000	518.150	305.000
142	0	0	0	0	0	0	-1245.649	7535.000	513.200	305.000
143	0	0	0	0	0	0	-1243.528	7535.000	511.079	305.000
144	0	0	0	0	0	0	-1240.169	7535.000	507.720	305.000
145	0	0	0	0	0	0	-1235.926	7535.000	503.477	305.000
146	0	0	0	0	0	0	-1235.990	7562.000	502.310	305.000
147	0	0	0	0	0	0	-1231.683	7535.000	499.235	305.000
148	0	0	0	0	0	0	-1229.827	7535.000	497.379	305.000
149	0	0	0	0	0	0	-1227.441	7535.000	494.993	305.000
150	0	0	0	0	0	0	-1225.055	7535.000	492.607	305.000
151	0	0	0	0	0	0	-1227.441	7532.375	494.993	305.000
152	0	0	0	0	0	0	-1219.603	7535.000	487.215	305.000
153	0	0	0	0	0	0	-1227.441	7527.000	494.993	305.000
154	0	0	0	0	0	0	-1225.629	7523.063	493.181	305.000
155	0	0	0	0	0	0	-1251.306	7535.000	559.869	305.000
156	0	0	0	0	0	0	-1278.883	7535.000	587.446	305.000
157	0	0	0	0	0	0	-1293.732	7535.000	601.995	305.000
158	0	0	0	0	0	0	-1292.141	7561.750	603.586	305.000
159	0	0	0	0	0	0	-1308.581	7535.000	617.144	305.000
160	0	0	0	0	0	0	-1318.323	7535.000	626.688	305.000
161	0	0	0	0	0	0	-1373.363	7535.000	670.719	305.000
162	0	0	0	0	0	0	-1445.929	7535.000	708.938	305.000
163	0	0	0	0	0	0	-1461.269	7535.000	714.750	305.000
164	0	0	0	0	0	0	-1472.123	7535.000	718.438	305.000
165	0	0	0	0	0	0	-1534.062	7535.000	733.200	305.000
166	0	0	0	0	0	0	-1427.158	7652.000	756.715	305.000
167	0	0	0	0	0	0	-1427.525	7669.000	756.793	305.000
168	0	0	0	0	0	0	-1434.983	7659.000	758.378	305.000
169	0	0	0	0	0	0	-1447.699	7659.000	761.081	120.000
170	0	0	0	0	0	0	-1483.524	7659.000	768.696	120.000
171	0	0	0	0	0	0	-1483.524	7655.688	768.696	120.000
172	0	0	0	0	0	0	-1483.524	7653.000	768.696	120.000
173	0	0	0	0	0	0	-1483.524	7647.875	768.696	120.000
174	0	0	0	0	0	0	-1483.524	7641.125	768.696	120.000
175	0	0	0	0	0	0	-1489.393	7659.000	769.943	120.000
176	0	0	0	0	0	0	-1504.064	7647.000	773.062	120.000

177	0	0	0	0	0	0	-1566.000	7634.000	738.625	120.000
178	0	0	0	0	0	0	-1638.250	7634.000	738.625	120.000
179	0	0	0	0	0	0	-1813.032	7634.000	707.125	120.000
180	0	0	0	0	0	0	-1933.849	7634.000	670.188	120.000
181	0	0	0	0	0	0	-1943.457	7634.000	667.250	120.000
182	0	0	0	0	0	0	-2036.696	7634.000	638.743	120.000
183	0	0	0	0	0	0	-2043.390	7634.000	636.696	120.000
184	0	0	0	0	0	0	-2051.519	7641.500	634.211	120.000
185	0	0	0	0	0	0	-2059.648	7634.000	631.726	120.000
186	0	0	0	0	0	0	-2132.500	7634.000	563.280	120.000
187	0	0	0	0	0	0	-2139.563	7634.000	555.297	120.000
188	0	0	0	0	0	0	-2146.188	7634.000	547.808	120.000
189	0	0	0	0	0	0	-2187.250	7634.000	474.250	120.000
190	0	0	0	0	0	0	-1680.000	7535.000	738.000	305.000
191	0	0	0	0	0	0	-1844.125	7535.000	738.000	305.000
192	0	0	0	0	0	0	-1850.625	7535.000	738.000	305.000
193	0	0	0	0	0	0	-1861.625	7544.375	738.000	305.000
194	0	0	0	0	0	0	-1904.826	7482.000	774.638	305.000
195	0	0	0	0	0	0	-1917.106	7482.000	814.803	305.000
196	0	0	0	0	0	0	-1861.625	7652.000	738.000	305.000
197	0	0	0	0	0	0	-1861.515	7669.000	737.641	305.000
198	0	0	0	0	0	0	-1859.213	7659.000	730.110	305.000
199	0	0	0	0	0	0	-1865.882	7659.000	690.360	120.000
200	0	0	0	0	0	0	-1883.096	7659.000	685.098	120.000
201	0	0	0	0	0	0	-1883.096	7655.688	685.098	120.000
202	0	0	0	0	0	0	-1883.096	7653.625	685.098	120.000
203	0	0	0	0	0	0	-1886.921	7649.625	683.929	120.000
204	0	0	0	0	0	0	-1894.333	7649.625	681.663	120.000
205	0	0	0	0	0	0	-1900.788	7649.625	679.689	120.000
206	0	0	0	0	0	0	-1900.788	7659.000	679.689	120.000
207	0	0	0	0	0	0	-1937.545	7659.000	668.450	120.000
208	0	0	0	0	0	0	-2037.810	7659.000	637.796	120.000
209	0	0	0	0	0	0	-1201.640	7572.000	525.670	305.000
210	0	0	0	0	0	0	-1198.269	7572.000	517.325	305.000
211	0	0	0	0	0	0	-1197.527	7593.500	517.625	305.000
212	0	0	0	0	0	0	-1194.898	7572.000	508.980	305.000
213	0	0	0	0	0	0	-1179.680	7572.000	471.314	120.000
214	0	0	0	0	0	0	-1063.875	7632.000	439.037	120.000
215	0	0	0	0	0	0	-980.125	7632.000	259.500	120.000
216	0	0	0	0	0	0	-990.125	7632.000	250.000	120.000
217	0	0	0	0	0	0	-970.125	7632.000	250.000	120.000
218	0	0	0	0	0	0	-952.125	7608.000	250.000	120.000
219	0	0	0	0	0	0	-952.125	7528.000	250.000	120.000
220	0	0	0	0	0	0	-952.125	7526.000	250.000	120.000
221	0	0	0	0	0	0	-946.695	7525.740	249.795	120.000
222	0	0	0	0	0	0	-952.125	7524.000	250.000	120.000
223	0	0	0	0	0	0	-952.125	7508.000	250.000	120.000
224	0	0	0	0	0	0	-952.125	7506.000	250.000	120.000
225	0	0	0	0	0	0	-946.695	7505.740	249.795	120.000
226	0	0	0	0	0	0	-952.125	7504.000	250.000	120.000
227	0	0	0	0	0	0	-903.268	7482.000	267.061	120.000
228	0	0	0	0	0	0	-1004.063	7632.000	250.000	120.000
229	0	0	0	0	0	0	-1012.125	7625.625	250.000	120.000
230	0	0	0	0	0	0	-1012.125	7621.625	250.000	120.000
231	0	0	0	0	0	0	-1056.000	7653.000	250.000	120.000
232	0	0	0	0	0	0	-1056.000	7905.500	250.000	120.000
233	0	0	0	0	0	0	-1056.000	7907.500	250.000	120.000
234	0	0	0	0	0	0	-1056.250	7907.240	255.430	120.000
235	0	0	0	0	0	0	-1056.000	7909.500	250.000	120.000
236	0	0	0	0	0	0	-1012.125	7514.000	250.000	120.000

237	0	0	0	0	0	0	-1012.125	7513.000	250.000	120.000
238	0	0	0	0	0	0	-1012.125	7507.000	250.000	120.000
239	0	0	0	0	0	0	-1018.425	7507.000	250.000	120.000
240	0	0	0	0	0	0	-1012.125	7501.000	250.000	120.000
241	0	0	0	0	0	0	-984.000	7444.125	240.000	120.000
242	0	0	0	0	0	0	-979.875	7440.000	240.000	120.000
243	0	0	0	0	0	0	-988.125	7440.000	240.000	120.000
244	0	0	0	0	0	0	-973.875	7440.000	247.000	120.000
245	0	0	0	0	0	0	-973.875	7440.000	253.000	120.000
246	0	0	0	0	0	0	-973.875	7446.300	253.000	120.000
247	0	0	0	0	0	0	-973.875	7440.000	259.000	120.000
248	0	0	0	0	0	0	-994.125	7440.000	233.000	120.000
249	0	0	0	0	0	0	-994.125	7440.000	227.000	120.000
250	0	0	0	0	0	0	-994.125	7446.300	227.000	120.000
251	0	0	0	0	0	0	-994.125	7440.000	221.000	120.000
252	0	0	0	0	0	0	-1856.362	7659.000	720.787	120.000
253	-1	-1	-1	-1	-1	-1	-1421.508	7550.000	725.956	0.0
254	-1	-1	-1	-1	-1	-1	-1253.710	7535.000	616.188	0.0
255	-1	-1	-1	-1	-1	-1	-1254.335	7535.000	596.813	0.0
256	-1	-1	-1	-1	-1	-1	-1201.448	7550.000	543.926	0.0
257	-1	-1	-1	-1	-1	-1	-1154.000	7550.000	361.000	0.0
258	-1	-1	-1	-1	-1	-1	-1183.000	7550.000	303.875	0.0
259	-1	-1	-1	-1	-1	-1	-1173.000	7535.000	303.875	0.0
260	-1	-1	-1	-1	-1	-1	-1193.000	7550.000	340.000	0.0
261	-1	-1	-1	-1	-1	-1	-1193.000	7535.000	350.000	0.0
262	-1	-1	-1	-1	-1	-1	-1365.000	7550.000	243.000	0.0
263	-1	-1	-1	-1	-1	-1	-1365.000	7535.000	253.000	0.0
264	-1	-1	-1	-1	-1	-1	-1500.000	7550.000	267.000	0.0
265	-1	-1	-1	-1	-1	-1	-1329.000	7550.000	368.000	0.0
266	-1	-1	-1	-1	-1	-1	-1319.000	7535.000	368.000	0.0
267	-1	-1	-1	-1	-1	-1	-1258.996	7550.000	509.754	0.0
268	-1	-1	-1	-1	-1	-1	-1248.996	7535.000	499.754	0.0
269	-1	-1	-1	-1	-1	-1	-1225.055	7550.000	492.607	0.0
270	-1	-1	-1	-1	-1	-1	-1215.055	7535.000	502.607	0.0
271	-1	-1	-1	-1	-1	-1	-1251.306	7550.000	559.869	0.0
272	-1	-1	-1	-1	-1	-1	-1241.306	7535.000	569.869	0.0
273	-1	-1	-1	-1	-1	-1	-1318.323	7550.000	626.688	0.0
274	-1	-1	-1	-1	-1	-1	-1445.929	7550.000	708.938	0.0
275	-1	-1	-1	-1	-1	-1	-1596.000	7535.000	336.000	0.0
276	-1	-1	-1	-1	-1	-1	-1481.636	7535.000	721.520	0.0
277	-1	-1	-1	-1	-1	-1	-1449.778	7659.000	751.300	0.0
278	-1	-1	-1	-1	-1	-1	-1489.393	7700.000	769.943	0.0
279	-1	-1	-1	-1	-1	-1	-1504.064	7647.000	763.062	0.0
280	-1	-1	-1	-1	-1	-1	-1514.064	7647.000	773.062	0.0
281	-1	-1	-1	-1	-1	-1	-1566.000	7700.000	738.625	0.0
282	-1	-1	-1	-1	-1	-1	-1638.250	7634.000	728.625	0.0
283	-1	-1	-1	-1	-1	-1	-1813.032	7700.000	707.125	0.0
284	-1	-1	-1	-1	-1	-1	-1936.773	7634.000	679.751	0.0
285	-1	-1	-1	-1	-1	-1	-1953.020	7634.000	664.326	0.0
286	-1	-1	-1	-1	-1	-1	-2125.010	7634.000	556.654	0.0
287	-1	-1	-1	-1	-1	-1	-2146.189	7634.000	547.807	0.0
288	-1	-1	-1	-1	-1	-1	-2146.188	7700.000	547.808	0.0
289	-1	-1	-1	-1	-1	-1	-2187.250	7700.000	474.250	0.0
290	-1	-1	-1	-1	-1	-1	-1680.000	7550.000	738.000	0.0
291	-1	-1	-1	-1	-1	-1	-1680.000	7535.000	728.000	0.0
292	-1	-1	-1	-1	-1	-1	-1844.125	7550.000	738.000	0.0
293	-1	-1	-1	-1	-1	-1	-1862.958	7659.000	680.797	0.0
294	-1	-1	-1	-1	-1	-1	-1937.545	7700.000	668.450	0.0
295	-1	-1	-1	-1	-1	-1	-2037.810	7700.000	637.796	0.0
296	-1	-1	-1	-1	-1	-1	-1179.680	7600.000	471.314	0.0

297	-1	-1	-1	-1	-1	-1	-1063.875	7700.000	439.037	0.0
298	-1	-1	-1	-1	-1	-1	-952.125	7608.000	240.000	0.0
299	-1	-1	-1	-1	-1	-1	-1004.063	7700.000	250.000	0.0
300	-1	-1	-1	-1	-1	-1	-1056.000	7653.000	240.000	0.0
301	-1	-1	-1	-1	-1	-1	-1046.000	7653.000	250.000	0.0
302	-1	-1	-1	-1	-1	-1	-1012.125	7514.000	240.000	0.0
303	-1	-1	-1	-1	-1	-1	-1002.125	7514.000	250.000	0.0
304	-1	-1	-1	-1	-1	-1	-1846.799	7659.000	723.711	0.0
305	1	1	1	1	1	1	-1140.000	7535.000	361.000	0.0
306	-1	-1	-1	-1	-1	-1	-1550.000	7587.623	247.847	0.0
307	-1	-1	-1	-1	-1	-1	-1560.000	7597.623	247.847	0.0
308	-1	-1	-1	-1	-1	-1	-1560.000	7587.623	257.847	0.0
309	-1	-1	-1	-1	-1	-1	-2163.739	7615.000	462.319	0.0
310	-1	-1	-1	-1	-1	-1	-2173.739	7625.000	462.319	0.0
311	1	1	1	1	1	1	-2173.739	7615.000	472.319	0.0

EQUATION NUMBERS

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201	1165	1166	1167	1168	1169	1170
202	1171	1172	1173	1174	1175	1176
203	1177	1178	1179	1180	1181	1182
204	1183	1184	1185	1186	1187	1188
205	1189	1190	1191	1192	1193	1194
206	1195	1196	1197	1198	1199	1200
207	1201	1202	1203	1204	1205	1206
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311	0	0	0	0	0	0

P I P E E L E M E N T I N P U T D A T A

C O N T R O L I N F O R M A T I O N

REQUIRED BLANK COMMON FOR THIS STEP= 3141

NUMBER OF PIPE ELEMENTS = 253

NUMBER OF MATERIAL SETS = 2

MAXIMUM NUMBER OF MATERIAL
TEMPERATURE INPUT POINTS = 5

NUMBER OF SECTION PROPERTY SETS = 29

NUMBER OF BRANCH POINT NODES = 15

MAXIMUM NUMBER OF TANGENTS
COMMON TO A BRANCH POINT = 4

NUMBER OF PIPING COMPONENTS = 15

FLAG FOR NEGLECTING AXIAL
DEFORMATIONS IN BEND ELEMENTS = 0
(EQ.1, NEGLECT)

M A T E R I A L P R O P E R T Y T A B L E S

MATERIAL NUMBER = (1)
NUMBER OF
TEMPERATURE POINTS = (5)
IDENTIFICATION = (304 SS*SA-312*CLASS 2 SH ALLOWABLE)

POINT NUMBER	TEMPERATURE	YOUNG*S MODULUS	POISSON*S RATIO	THERMAL EXPANSION	SY STRESS	SM STRESS	ST STRESS
1	30.00	28600000.0	0.300	0.904D-05	30000.0	18000.0	0.0
2	70.00	28300000.0	0.300	0.911D-05	30000.0	18000.0	0.0
3	300.00	27100000.0	0.300	0.947D-05	22500.0	16600.0	0.0
4	500.00	26000000.0	0.300	0.970D-05	19400.0	15900.0	0.0
5	800.00	24100000.0	0.300	0.102D-04	16800.0	15200.0	0.0

MATERIAL NUMBER = (2)
NUMBER OF
TEMPERATURE POINTS = (5)
IDENTIFICATION = (304 SS*SA-376*CLASS 1 SM ALLOWABLE)

POINT NUMBER	TEMPERATURE	YOUNG*S MODULUS	POISSON*S RATIO	THERMAL EXPANSION	SY STRESS	SM STRESS	ST STRESS

1	30.00	28600000.0	0.300	0.904D-05	30000.0	20000.0	0.0
2	70.00	28300000.0	0.300	0.911D-05	30000.0	20000.0	0.0
3	300.00	27100000.0	0.300	0.947D-05	22500.0	20000.0	0.0
4	500.00	26000000.0	0.300	0.970D-05	19400.0	17500.0	0.0
5	800.00	24100000.0	0.300	0.102D-04	16800.0	15200.0	0.0

SECTION PROPERTY TABLE

SECTION NUMBER	OUTSIDE DIAMETER	WALL THICKNESS	SHAPE FACTOR FOR SHEAR	WEIGHT/ UNIT LENGTH	MASS/ UNIT LENGTH	DESCRIPTION
1	14.000	0.4380	0.0	0.1142D+02	0.2957D-01	14" SCH 40 INS H
2	12.750	0.3750	0.0	0.8216D+01	0.2126D-01	12" SCH 40S INS 0
3	10.750	0.3650	0.0	0.6217D+01	0.1609D-01	10" SCH 40 INS 0
4	6.625	0.2800	0.0	0.2625D+01	0.6793D-02	6" SCH 40 INS 0
5	4.500	0.2370	0.0	0.1359D+01	0.3517D-02	4" SCH 40 INS 0
6	3.500	0.4380	0.0	0.1787D+01	0.4625D-02	3" SCH 160 INS H
7	1.315	0.1330	0.0	0.1710D+00	0.4425D-03	1" SCH 40 INS 0
8	16.000	1.5900	0.0	0.5692D+01	0.1473D-01	14" VALVE SCH160
9	14.000	1.4000	0.0	0.4083D+01	0.1057D-01	12 IN. VALVE
10	12.750	1.3100	0.0	0.3884D+01	0.1005D-01	10 IN. VALVE
11	8.625	0.9100	0.0	0.1642D+01	0.4249D-02	6 IN. VALVE
12	5.563	0.7500	0.0	0.4590D+00	0.1188D-02	4 IN. VALVE
13	4.000	0.6400	0.0	0.5950D+00	0.1540D-02	3 IN. VALVE
14	1.900	0.4000	0.0	0.3100D-01	0.8023D-04	1 IN. VALVE
15	14.000	0.4380	0.0	0.1123D+02	0.2907D-01	14" SCH 40 INS V
16	14.000	1.4060	0.0	0.2144D+02	0.5549D-01	14" SCH 160 INS H
17	14.000	1.4060	0.0	0.2113D+02	0.5467D-01	14" SCH 160 INS V
18	10.750	0.3650	0.0	0.7259D+01	0.1879D-01	10" SCH 40 INS H
19	10.750	0.3650	0.0	0.7084D+01	0.1833D-01	10" SCH 40 INS V
20	6.625	0.2800	0.0	0.3225D+01	0.8346D-02	6" SCH 40 INS H
21	6.625	0.2800	0.0	0.3100D+01	0.8023D-02	6" SCH 40 INS V
22	16.000	1.5900	0.0	0.6141D+01	0.1589D-01	14" VALVE SCH 40
23	16.000	1.5900	0.0	0.0	0.0	14" VALVE
24	12.750	1.3100	0.0	0.0	0.0	10" VALVE
25	8.625	0.9100	0.0	0.0	0.0	6" VALVE
26	4.000	0.6400	0.0	0.0	0.0	3" VALVE
27	14.000	1.4000	0.0	0.0	0.0	12 IN. VALVE
28	5.563	0.7500	0.0	0.0	0.0	4 IN. VALVE
29	1.315	0.2500	0.0	0.2560D+00	0.6625D-03	1" SCH 160 INS 0

BRANCH POINT NODE LIST

BRANCH POINT	NODE NUMBER
1	6
2	9
3	14
4	29
5	59
6	70
7	76
8	86
9	108
10	116
11	141
12	149
13	170
14	200
15	206

COMPONENT DATA

COMP. NO.	TYPE	N	NA	NB	NC	C1	C2	DESCRIPTION
1	120	6	95	97	96	0.0	0.0	BUTT WELD TEE PER B16.9
2	120	9	101	102	103	0.0	0.0	BUTT WELD TEE PER B16.9
3	120	14	130	131	129	0.0	0.0	BUTT WELD TEE PER B16.9
4	120	29	28	192	193	0.0	0.0	BUTT WELD TEE PER B16.9
5	120	59	183	185	184	0.0	0.0	BUTT WELD TEE PER B16.9
6	120	70	217	216	215	0.0	0.0	BUTT WELD TEE PER B16.9
7	120	86	242	243	241	0.0	0.0	BUTT WELD TEE PER B16.9
8	110	108	13	122	109	1.75000	0.0	BRANCH CONNECT. PER NB-3643
9	110	141	33	140	142	1.75000	0.0	BRANCH CONNECT. PER NB-3643
10	110	116	115	117	118	0.65800	0.0	BRANCH CONNECT. PER NB-3643
11	110	149	148	150	151	0.65800	0.0	BRANCH CONNECT. PER NB-3643
12	110	170	169	175	171	0.65800	0.0	BRANCH CONNECT. PER NB-3643
13	110	200	199	206	201	0.65800	0.0	BRANCH CONNECT. PER NB-3643
14	110	76	228	77	229	2.92000	0.0	BRANCH CONNECT. PER NB-3643

COMPONENT DATA

COMP. NO.	TYPE	N	NA	NB	NC	C1	C2	DESCRIPTION
15	43	182	0	0	0	16.00000	0.0	CON. REDUCER PER B16.9

ELEMENT LOAD CASE MULTIPLIERS

	CASE A	CASE B	CASE C	CASE D
X-DIRECTION GRAVITY	0.100	0.0	0.0	0.0
Y-DIRECTION GRAVITY	-1.100	-1.000	0.0	0.0
Z-DIRECTION GRAVITY	0.100	0.0	0.0	0.0
THERMAL DISTORTION	0.0	0.0	1.000	0.0
PRESSURE DISTORTION	0.0	0.0	0.0	1.000

P I P E E L E M E N T I N P U T D A T A

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
1	TANGT	1	93	1	1	70.00	300.00	0.0	0.0	0.0	1	II	6
2	TANGT	93	94	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
3	TANGT	94	2	1	1	70.00	300.00	0.0	0.0	0.0	1	II	528
4	BEND	2	3	1	15	70.00	300.00					IC	
						(14.000)	( )	(-1466.904)	(7482.000)	(750.537)	(0.1000)		
													12
5	TANGT	3	4	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
6	BEND	4	5	1	15	70.00	300.00					IC	
						(21.000)	(CC)	(-1448.437)	(7514.000)	(740.537)	(0.1000)		
													12
7	BEND	5	95	1	15	70.00	300.00					IC	
						(21.000)	(CC)	(-1448.437)	(7514.000)	(740.537)	(0.1000)		
													516
8	TANGT	95	6	1	1	70.00	300.00	0.0	0.0	0.0	1	II	510
9	TANGT	6	96	1	20	70.00	300.00	0.0	0.0	0.0	1	II	516
10	TANGT	6	97	1	1	70.00	300.00	0.0	0.0	0.0	1	II	522
11	TANGT	97	98	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
12	TANGT	98	7	1	1	70.00	300.00	0.0	0.0	0.0	1	II	522
13	BEND	7	8	1	1	70.00	300.00					IC	
						(426.000)	( )	(-1338.626)	(7535.000)	(681.081)	(0.1000)		
													12
14	TANGT	8	99	1	1	70.00	300.00	0.0	0.0	0.0	1	II	522
15	TANGT	99	100	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
16	TANGT	100	101	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
17	TANGT	101	9	1	1	70.00	300.00	0.0	0.0	0.0	1	II	528
18	TANGT	9	103	1	19	70.00	300.00	0.0	0.0	0.0	1	II	540
19	TANGT	9	102	1	1	70.00	300.00	0.0	0.0	0.0	1	II	534
20	TANGT	102	10	1	1	70.00	300.00	0.0	0.0	0.0	1	II	528
21	BEND	10	11	1	1	70.00	300.00					IC	
						(162.000)	( )	(-1154.000)	(7535.000)	(496.477)	(0.1000)		
													12
22	TANGT	11	104	1	1	70.00	300.00	0.0	0.0	0.0	1	II	534
23	TANGT	107	12	2	16	70.00	300.00	0.0	0.0	0.0	1	II	546
24	BEND	12	13	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1154.000)	(7535.000)	(340.000)	(0.1000)		
													12
25	TANGT	13	108	2	16	70.00	300.00	0.0	0.0	0.0	1	II	546
26	TANGT	108	109	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
27	TANGT	109	110	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
28	TANGT	110	111	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
29	TANGT	114	115	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
30	TANGT	115	116	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
31	TANGT	116	117	2	6	70.00	300.00	0.0	0.0	0.0	1	II	12
32	TANGT	116	118	2	29	70.00	300.00	0.0	0.0	0.0	1	II	18
33	TANGT	117	119	2	6	70.00	300.00	0.0	0.0	0.0	1	II	18
34	TANGT	118	120	2	29	70.00	300.00	0.0	0.0	0.0	1	II	18
35	TANGT	108	122	2	16	70.00	300.00	0.0	0.0	0.0	1	II	90
36	TANGT	122	123	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
37	TANGT	123	124	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
38	TANGT	124	125	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12

P I P E E L E M E N T I N P U T D A T A

ELEMENT NUMBER	ELEMENT -TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
39	TANGT	128	129	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
40	TANGT	129	14	2	16	70.00	300.00	0.0	0.0	0.0	1	II	666
41	TANGT	14	130	2	16	70.00	300.00	0.0	0.0	0.0	1	II	672
42	TANGT	14	131	2	16	70.00	300.00	0.0	0.0	0.0	1	II	678
43	TANGT	131	15	2	16	70.00	300.00	0.0	0.0	0.0	1	II	672
44	BEND	15	16	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1329.000)	(7535.000)	(243.000)	(0.1000)		
													12
45	TANGT	16	132	2	16	70.00	300.00	0.0	0.0	0.0	1	II	672
46	TANGT	132	17	2	16	70.00	300.00	0.0	0.0	0.0	1	II	666
47	BEND	17	18	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1452.000)	(7535.000)	(243.000)	(0.1000)		
													12
48	TANGT	18	19	2	16	70.00	300.00	0.0	0.0	0.0	1	II	12
49	BEND	19	20	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1476.000)	(7535.000)	(267.000)	(0.1000)		
													12
50	TANGT	20	133	2	16	70.00	300.00	0.0	0.0	0.0	1	II	654
51	TANGT	133	21	2	16	70.00	300.00	0.0	0.0	0.0	1	II	648
52	BEND	21	22	2	16	70.00	300.00					IC	
						(21.000)	( )	(-1560.000)	(7535.000)	(267.000)	(0.1000)		
													12
53	TANGT	22	23	2	17	70.00	300.00	0.0	0.0	0.0	1	II	12
54	TANGT	24	195	1	1	70.00	300.00	0.0	0.0	0.0	1	II	6
55	TANGT	195	194	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
56	TANGT	194	25	1	1	70.00	300.00	0.0	0.0	0.0	1	II	996
57	BEND	25	26	1	15	70.00	300.00					IC	
						(21.000)	( )	(-1893.625)	(7482.000)	(738.000)	(0.1000)		
													12
58	TANGT	26	27	1	15	70.00	300.00	0.0	0.0	0.0	1	II	12
59	BEND	27	28	1	15	70.00	300.00					IC	
						(21.000)	( )	(-1893.625)	(7535.000)	(738.000)	(0.1000)		
													12
60	TANGT	28	29	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
61	TANGT	29	193	1	21	70.00	300.00	0.0	0.0	0.0	1	II	966
62	TANGT	29	192	1	1	70.00	300.00	0.0	0.0	0.0	1	II	960
63	TANGT	192	191	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
64	TANGT	191	190	1	1	70.00	300.00	0.0	0.0	0.0	1	II	12
65	TANGT	190	30	1	1	70.00	300.00	0.0	0.0	0.0	1	II	942
66	BEND	30	165	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		
													792
67	BEND	165	164	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		
													12
68	BEND	164	163	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		
													12
69	BEND	163	162	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		
													12

P I P E E L E M E N T I N P U T D A T A

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND
70	BEND	162	161	1	1	70.00	300.00					IC
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)	
												12
71	BEND	161	160	1	1	70.00	300.00					IC
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)	
												12
72	TANGT	31	159	1	1	70.00	300.00	0.0	0.0	0.0	1	II 750
73	TANGT	156	155	2	16	70.00	300.00	0.0	0.0	0.0	1	II 12
74	TANGT	155	32	2	16	70.00	300.00	0.0	0.0	0.0	1	II 720
75	BEND	32	33	2	16	70.00	300.00					IC
						(21.000)	( )	(-1230.093)	(7535.000)	(538.656)	(0.1000)	
												12
76	TANGT	33	141	2	16	70.00	300.00	0.0	0.0	0.0	1	II 630
77	TANGT	141	142	2	6	70.00	300.00	0.0	0.0	0.0	1	II 12
78	TANGT	142	143	2	6	70.00	300.00	0.0	0.0	0.0	1	II 12
79	TANGT	143	144	2	6	70.00	300.00	0.0	0.0	0.0	1	II 12
80	TANGT	147	148	2	6	70.00	300.00	0.0	0.0	0.0	1	II 12
81	TANGT	148	149	2	6	70.00	300.00	0.0	0.0	0.0	1	II 12
82	TANGT	149	150	2	6	70.00	300.00	0.0	0.0	0.0	1	II 12
83	TANGT	149	151	2	29	70.00	300.00	0.0	0.0	0.0	1	II 18
84	TANGT	150	152	2	6	70.00	300.00	0.0	0.0	0.0	1	II 18
85	TANGT	151	153	2	29	70.00	300.00	0.0	0.0	0.0	1	II 18
86	TANGT	141	140	2	16	70.00	300.00	0.0	0.0	0.0	1	II 12
87	TANGT	140	139	2	16	70.00	300.00	0.0	0.0	0.0	1	II 12
88	TANGT	139	34	2	16	70.00	300.00	0.0	0.0	0.0	1	II 612
89	BEND	34	35	2	16	70.00	300.00					IC
						(21.000)	( )	(-1329.000)	(7535.000)	(439.750)	(0.1000)	
												12
90	TANGT	35	138	2	16	70.00	300.00	0.0	0.0	0.0	1	II 600
91	TANGT	135	134	2	16	70.00	300.00	0.0	0.0	0.0	1	II 12
92	TANGT	134	130	2	16	70.00	300.00	0.0	0.0	0.0	1	II 30
93	TANGT	96	36	1	20	70.00	300.00	0.0	0.0	0.0	1	II 342
94	BEND	36	37	1	20	70.00	300.00					IC
						(9.000)	( )	(-1427.158)	(7535.000)	(756.715)	(0.1000)	
												12
95	TANGT	37	166	1	21	70.00	300.00	0.0	0.0	0.0	1	II 756
96	TANGT	168	169	1	4	70.00	0.0	0.0	0.0	0.0	1	II 12
97	TANGT	169	170	1	4	70.00	0.0	0.0	0.0	0.0	1	II 12
98	TANGT	170	171	1	7	70.00	0.0	0.0	0.0	0.0	1	II 12
99	TANGT	171	172	1	7	70.00	0.0	0.0	0.0	0.0	1	II 12
100	TANGT	172	173	1	14	70.00	0.0	0.0	0.0	0.0	1	II 12
101	TANGT	173	174	1	7	70.00	0.0	0.0	0.0	0.0	1	II 12
102	TANGT	170	175	1	4	70.00	0.0	0.0	0.0	0.0	1	II 36
103	TANGT	175	39	1	4	70.00	0.0	0.0	0.0	0.0	1	II 798
104	BEND	39	40	1	4	70.00	0.0					IC
						(9.000)	( )	(-1504.064)	(7659.000)	(773.062)	(0.1000)	
												12
105	TANGT	40	176	1	4	70.00	0.0	0.0	0.0	0.0	1	II 798
106	TANGT	176	41	1	4	70.00	0.0	0.0	0.0	0.0	1	II 792
107	BEND	41	42	1	4	70.00	0.0					IC
						(9.000)	( )	(-1504.064)	(7634.000)	(773.062)	(0.1000)	
												12

P I P E E L E M E N T I N P U T D A T A

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
108	TANGT	42	43	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
109	BEND	43	44	1	4	70.00	0.0					IC	
						(9.000)	( )	(-1504.064)	(7634.000)	(738.625)	(0.1000)		
													12
110	TANGT	44	177	1	4	70.00	0.0	0.0	0.0	0.0	1	II	780
111	TANGT	177	178	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
112	TANGT	178	45	1	4	70.00	0.0	0.0	0.0	0.0	1	II	780
113	BEND	45	46	1	4	70.00	0.0					IC	
						(9.000)	( )	(-1710.000)	(7634.000)	(738.625)	(0.1000)		
													12
114	TANGT	46	179	1	4	70.00	0.0	0.0	0.0	0.0	1	II	780
115	TANGT	179	180	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
116	TANGT	180	181	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
117	TANGT	181	182	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
118	TANGT	182	183	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
119	TANGT	183	59	1	3	70.00	0.0	0.0	0.0	0.0	1	II	726
120	TANGT	59	184	1	4	70.00	0.0	0.0	0.0	0.0	1	II	732
121	TANGT	59	185	1	3	70.00	0.0	0.0	0.0	0.0	1	II	738
122	TANGT	185	47	1	3	70.00	0.0	0.0	0.0	0.0	1	II	810
123	BEND	47	48	1	3	70.00	0.0					IC	
						(15.000)	( )	(-2076.503)	(7634.000)	(626.573)	(0.1000)		
													12
124	TANGT	48	186	1	3	70.00	0.0	0.0	0.0	0.0	1	II	810
125	TANGT	186	187	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
126	TANGT	187	188	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
127	TANGT	188	49	1	3	70.00	0.0	0.0	0.0	0.0	1	II	816
128	BEND	49	50	1	3	70.00	0.0					IC	
						(15.000)	( )	(-2200.702)	(7634.000)	(486.174)	(0.1000)		
													12
129	TANGT	50	189	1	3	70.00	0.0	0.0	0.0	0.0	1	II	816
130	BEND	51	52	1	3	70.00	0.0					IC	
						(15.000)	( )	(-2173.739)	(7634.000)	(462.319)	(0.1000)		
													12
131	TANGT	52	53	1	3	70.00	0.0	0.0	0.0	0.0	1	II	12
132	TANGT	184	58	1	4	70.00	0.0	0.0	0.0	0.0	1	II	738
133	BEND	58	57	1	4	70.00	0.0					IC	
						(9.000)	( )	(-2051.405)	(7659.000)	(633.640)	(0.1000)		
													12
134	TANGT	57	208	1	4	70.00	0.0	0.0	0.0	0.0	1	II	888
135	TANGT	208	207	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
136	TANGT	207	206	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12
137	TANGT	206	205	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
138	TANGT	205	204	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
139	TANGT	204	203	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
140	BEND	203	202	1	7	70.00	0.0					IC	
						(4.000)	( )	(-1883.096)	(7649.625)	(685.098)	(0.1000)		
													12
141	TANGT	202	201	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
142	TANGT	201	200	1	7	70.00	0.0	0.0	0.0	0.0	1	II	12
143	TANGT	200	199	1	4	70.00	0.0	0.0	0.0	0.0	1	II	12

P I P E E L E M E N T I N P U T D A T A

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND
144	TANGT	199	56	1	4	70.00	0.0	0.0	0.0	0.0	1	II 840
145	BEND	56	55	1	4	70.00	0.0					IC
						(9.000)	( )	(-1848.669)	(7659.000)	(695.623)	(0.1000)	
												12
146	TANGT	55	252	1	4	70.00	0.0	0.0	0.0	0.0	1	II 1164
147	TANGT	196	193	1	21	70.00	300.00	0.0	0.0	0.0	1	II 24
148	TANGT	103	60	1	19	70.00	300.00	0.0	0.0	0.0	1	II 240
149	BEND	60	61	1	19	70.00	300.00					IC
						(15.000)	( )	(-1214.175)	(7572.000)	(556.653)	(0.1000)	
												12
150	TANGT	61	209	1	18	70.00	300.00	0.0	0.0	0.0	1	II 870
151	TANGT	212	213	1	3	70.00	0.0	0.0	0.0	0.0	1	II 12
152	TANGT	213	62	1	3	70.00	0.0	0.0	0.0	0.0	1	II 888
153	BEND	62	63	1	3	70.00	0.0					IC
						(15.000)	( )	(-1172.937)	(7572.000)	(454.625)	(0.1000)	
												12
154	TANGT	63	64	1	3	70.00	0.0	0.0	0.0	0.0	1	II 12
155	BEND	64	65	1	3	70.00	0.0					IC
						(15.000)	( )	(-1072.875)	(7572.000)	(454.625)	(0.1000)	
												12
156	TANGT	65	66	1	3	70.00	0.0	0.0	0.0	0.0	1	II 12
157	BEND	66	67	1	3	70.00	0.0					IC
						(15.000)	( )	(-1072.875)	(7632.000)	(454.625)	(0.1000)	
												12
158	TANGT	67	214	1	3	70.00	0.0	0.0	0.0	0.0	1	II 864
159	TANGT	214	68	1	3	70.00	0.0	0.0	0.0	0.0	1	II 858
160	BEND	68	69	1	3	70.00	0.0					IC
						(15.000)	( )	(-980.125)	(7632.000)	(294.000)	(0.1000)	
												12
161	TANGT	69	215	1	3	70.00	0.0	0.0	0.0	0.0	1	II 858
162	TANGT	215	70	1	3	70.00	0.0	0.0	0.0	0.0	1	II 852
163	TANGT	70	216	1	2	70.00	0.0	0.0	0.0	0.0	1	II 858
164	TANGT	70	217	1	2	70.00	0.0	0.0	0.0	0.0	1	II 864
165	BEND	217	71	1	2	70.00	0.0					IC
						(18.000)	(CC)	(-970.125)	(7614.000)	(250.000)	(0.1000)	
												858
166	BEND	71	72	1	2	70.00	0.0					IC
						(18.000)	(CC)	(-970.125)	(7614.000)	(250.000)	(0.1000)	
												12
167	TANGT	72	218	1	2	70.00	0.0	0.0	0.0	0.0	1	II 858
168	TANGT	218	219	1	2	70.00	0.0	0.0	0.0	0.0	1	II 12
169	TANGT	222	223	1	2	70.00	0.0	0.0	0.0	0.0	1	II 12
170	TANGT	226	73	1	2	70.00	0.0	0.0	0.0	0.0	1	II 900
171	BEND	73	74	1	2	70.00	0.0					IC
						(18.000)	( )	(-952.125)	(7482.000)	(250.000)	(0.1000)	
												12
172	TANGT	74	227	1	2	70.00	0.0	0.0	0.0	0.0	1	II 900
173	TANGT	227	75	1	2	70.00	0.0	0.0	0.0	0.0	1	II 6
174	TANGT	216	228	1	2	70.00	0.0	0.0	0.0	0.0	1	II 78
175	TANGT	228	76	1	2	70.00	0.0	0.0	0.0	0.0	1	II 900

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
176	TANGT	76	77	1	2	70.00	0.0	0.0	0.0	0.0	1	II	12
177	BEND	77	78	1	2	70.00	0.0					IC	
						(18.000)	( )	(-1056.000)	(7632.000)	(250.000)	(0.1000)		
178	TANGT	78	231	1	2	70.00	0.0	0.0	0.0	0.0	1	II	12 906
179	TANGT	231	232	1	2	70.00	0.0	0.0	0.0	0.0	1	II	12
180	TANGT	235	79	1	2	70.00	0.0	0.0	0.0	0.0	1	II	924
181	BEND	79	80	1	2	70.00	0.0					IC	
						(18.000)	( )	(-1056.000)	(7932.000)	(250.000)	(0.1000)		
182	TANGT	80	81	1	2	70.00	0.0	0.0	0.0	0.0	1	II	12 6
183	TANGT	76	229	1	5	70.00	0.0	0.0	0.0	0.0	1	II	906
184	TANGT	229	230	1	5	70.00	0.0	0.0	0.0	0.0	1	II	12
185	TANGT	230	236	1	5	70.00	0.0	0.0	0.0	0.0	1	II	42
186	TANGT	236	237	1	5	70.00	0.0	0.0	0.0	0.0	1	II	12
187	TANGT	240	82	1	5	70.00	0.0	0.0	0.0	0.0	1	II	942
188	BEND	82	83	1	5	70.00	0.0					IC	
						(6.000)	( )	(-1012.125)	(7494.000)	(250.000)	(0.1000)		
189	TANGT	83	84	1	5	70.00	0.0	0.0	0.0	0.0	1	II	12 12
190	BEND	84	85	1	5	70.00	0.0					IC	
						(6.000)	( )	(-984.000)	(7494.000)	(240.000)	(0.1000)		
191	TANGT	85	241	1	5	70.00	0.0	0.0	0.0	0.0	1	II	12 930
192	TANGT	241	86	1	5	70.00	0.0	0.0	0.0	0.0	1	II	924
193	TANGT	86	242	1	5	70.00	0.0	0.0	0.0	0.0	1	II	930
194	TANGT	86	243	1	5	70.00	0.0	0.0	0.0	0.0	1	II	936
195	BEND	242	87	1	5	70.00	0.0					IC	
						(6.000)	(CC)	(-979.875)	(7440.000)	(246.000)	(0.1000)		
196	BEND	87	88	1	5	70.00	0.0					IC	924
						(6.000)	(CC)	(-979.875)	(7440.000)	(246.000)	(0.1000)		
197	TANGT	88	244	1	5	70.00	0.0	0.0	0.0	0.0	1	II	12 930
198	TANGT	247	89	1	5	70.00	0.0	0.0	0.0	0.0	1	II	6
199	BEND	243	90	1	5	70.00	0.0					IC	
						(6.000)	(CC)	(-988.125)	(7440.000)	(234.000)	(0.1000)		
200	BEND	90	91	1	5	70.00	0.0					IC	918
						(6.000)	(CC)	(-988.125)	(7440.000)	(234.000)	(0.1000)		
201	TANGT	91	248	1	5	70.00	0.0	0.0	0.0	0.0	1	II	12 942
202	TANGT	251	92	1	5	70.00	0.0	0.0	0.0	0.0	1	II	6
203	BEND	160	31	1	1	70.00	300.00					IC	
						(402.000)	(CC)	(-1596.000)	(7535.000)	(336.000)	(0.1000)		
204	TANGT	189	51	1	3	70.00	0.0	0.0	0.0	0.0	1	II	756 810
205	TANGT	200	206	1	4	70.00	0.0	0.0	0.0	0.0	1	II	42
206	TANGT	104	105	2	22	70.00	0.0	0.0	0.0	0.0	1	II	12
207	TANGT	105	106	2	23	70.00	0.0	0.0	0.0	0.0	1	II	12

PIPE ELEMENT INPUT DATA

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	INTERNAL PRESSURE (THIRD POINT)	DIRECTION COSINES A(YX) (X3-ORDINATE)	A(YY) (Y3-ORDINATE)	A(YZ) (Z3-ORDINATE)	NODE INCREMENT (WALL FRACTION)	INPUT TAG BAND	
208	TANGT	105	107	2	22	70.00	0.0	0.0	0.0	0.0	1	II	18
209	TANGT	111	112	2	13	70.00	0.0	0.0	0.0	0.0	1	II	12
210	TANGT	112	113	2	26	70.00	0.0	0.0	0.0	0.0	1	II	12
211	TANGT	112	114	2	13	70.00	0.0	0.0	0.0	0.0	1	II	18
212	TANGT	125	126	2	8	70.00	0.0	0.0	0.0	0.0	1	II	12
213	TANGT	126	127	2	23	70.00	0.0	0.0	0.0	0.0	1	II	12
214	TANGT	126	128	2	8	70.00	0.0	0.0	0.0	0.0	1	II	18
215	TANGT	135	136	2	8	70.00	0.0	0.0	0.0	0.0	1	II	12
216	TANGT	136	137	2	23	70.00	0.0	0.0	0.0	0.0	1	II	12
217	TANGT	136	138	2	8	70.00	0.0	0.0	0.0	0.0	1	II	18
218	TANGT	144	145	2	13	70.00	0.0	0.0	0.0	0.0	1	II	12
219	TANGT	145	146	2	26	70.00	0.0	0.0	0.0	0.0	1	II	12
220	TANGT	145	147	2	13	70.00	0.0	0.0	0.0	0.0	1	II	18
221	TANGT	153	154	2	14	70.00	0.0	0.0	0.0	0.0	1	II	12
222	TANGT	156	157	2	22	70.00	0.0	0.0	0.0	0.0	1	II	12
223	TANGT	157	158	2	23	70.00	0.0	0.0	0.0	0.0	1	II	12
224	TANGT	157	159	2	22	70.00	0.0	0.0	0.0	0.0	1	II	18
225	TANGT	166	38	1	11	70.00	300.00	0.0	0.0	0.0	1	II	750
226	TANGT	38	167	1	25	70.00	300.00	0.0	0.0	0.0	1	II	756
227	TANGT	38	168	1	11	70.00	300.00	0.0	0.0	0.0	1	II	762
228	TANGT	198	54	1	11	70.00	300.00	0.0	0.0	0.0	1	II	846
229	TANGT	54	197	1	25	70.00	300.00	0.0	0.0	0.0	1	II	840
230	TANGT	54	196	1	11	70.00	300.00	0.0	0.0	0.0	1	II	834
231	TANGT	209	210	1	10	70.00	300.00	0.0	0.0	0.0	1	II	12
232	TANGT	210	211	1	24	70.00	300.00	0.0	0.0	0.0	1	II	12
233	TANGT	210	212	1	10	70.00	300.00	0.0	0.0	0.0	1	II	18
234	TANGT	219	220	1	9	70.00	0.0	0.0	0.0	0.0	1	II	12
235	TANGT	220	221	1	27	70.00	0.0	0.0	0.0	0.0	1	II	12
236	TANGT	220	222	1	9	70.00	0.0	0.0	0.0	0.0	1	II	18
237	TANGT	223	224	1	9	70.00	0.0	0.0	0.0	0.0	1	II	12
238	TANGT	224	225	1	27	70.00	0.0	0.0	0.0	0.0	1	II	12
239	TANGT	224	226	1	9	70.00	0.0	0.0	0.0	0.0	1	II	18
240	TANGT	232	233	1	9	70.00	0.0	0.0	0.0	0.0	1	II	12
241	TANGT	233	234	1	27	70.00	0.0	0.0	0.0	0.0	1	II	12
242	TANGT	233	235	1	9	70.00	0.0	0.0	0.0	0.0	1	II	18
243	TANGT	244	245	1	12	70.00	0.0	0.0	0.0	0.0	1	II	12
244	TANGT	245	246	1	28	70.00	0.0	0.0	0.0	0.0	1	II	12
245	TANGT	245	247	1	12	70.00	0.0	0.0	0.0	0.0	1	II	18
246	TANGT	248	249	1	12	70.00	0.0	0.0	0.0	0.0	1	II	12
247	TANGT	249	250	1	28	70.00	0.0	0.0	0.0	0.0	1	II	12
248	TANGT	249	251	1	12	70.00	0.0	0.0	0.0	0.0	1	II	18
249	TANGT	237	238	1	12	70.00	0.0	0.0	0.0	0.0	1	II	12
250	TANGT	238	239	1	28	70.00	0.0	0.0	0.0	0.0	1	II	12
251	TANGT	238	240	1	12	70.00	0.0	0.0	0.0	0.0	1	II	18
252	TANGT	120	121	2	14	70.00	300.00	0.0	0.0	0.0	1	II	12
253	TANGT	252	198	1	4	70.00	0.0	0.0	0.0	0.0	1	II	330

B R A N C H P O I N T D A T A

BRANCH POINT	NODE NUMBER	C O N N E C T I O N S . . .			
1	6	-8AT J	9AT I	10AT I	0NONE
2	9	-17AT J	18AT I	19AT I	0NONE
3	14	-40AT J	41AT I	42AT I	0NONE
4	29	-60AT J	61AT I	62AT I	0NONE
5	59	-119AT J	120AT I	121AT I	0NONE
6	70	-162AT J	163AT I	164AT I	0NONE
7	76	-175AT J	176AT I	183AT I	0NONE
8	86	-192AT J	193AT I	194AT I	0NONE
9	108	-25AT J	26AT I	35AT I	0NONE
10	116	-30AT J	31AT I	32AT I	0NONE
11	141	-76AT J	77AT I	86AT I	0NONE
12	149	-81AT J	82AT I	83AT I	0NONE
13	170	-97AT J	98AT I	102AT I	0NONE
14	200	-142AT J	143AT I	205AT I	0NONE
15	206	-136AT J	137AT I	-205AT J	0NONE

B O U N D A R Y E L E M E N T S

ELEMENT TYPE = 7
NUMBER OF ELEMENTS = 37

ELEMENT LOAD CASE MULTIPLIERS

CASE(A)	CASE(B)	CASE(C)	CASE(D)
0.0	0.0	1.0000	0.0

ELEMENT NUMBER	NODE (N)	NODES DEFINING CONSTRAINT DIRECTION (NI)	(NJ)	(NK)	(NL)	CODE KD	CODE KR	GENERATION CODE (KN)	SPECIFIED DISPLACEMENT	SPECIFIED ROTATION	SPRING RATE
1	23	306	0	0	0	1	1	0	0.3000D-03	0.4600D-03	0.1000D+14
2	23	307	0	0	0	1	1	0	-0.7700D-02	-0.1000D-04	0.1000D+14
3	23	308	0	0	0	1	1	0	0.9899D+00	0.0	0.1000D+14
4	53	309	0	0	0	1	1	0	-0.2780D-01	0.0	0.1000D+14
5	53	310	0	0	0	1	1	0	0.7760D-01	0.0	0.1000D+14
6	53	311	0	0	0	1	1	0	0.3260D-01	0.0	0.1000D+14
7	98	253	0	0	0	1	0	0	0.0	0.0	0.1000D+11
8	10	256	0	0	0	1	0	0	0.0	0.0	0.1000D+11
9	12	257	0	0	0	1	0	0	0.0	0.0	0.1000D+11
10	117	258	0	0	0	1	0	0	0.0	0.0	0.1000D+11
11	122	260	0	0	0	1	0	0	0.0	0.0	0.1000D+11
12	132	262	0	0	0	1	0	0	0.0	0.0	0.1000D+11
13	134	265	0	0	0	1	0	0	0.0	0.0	0.1000D+11
14	140	267	0	0	0	1	0	0	0.0	0.0	0.1000D+11
15	150	269	0	0	0	1	0	0	0.0	0.0	0.1000D+11
16	155	271	0	0	0	1	0	0	0.0	0.0	0.1000D+11
17	160	273	0	0	0	1	0	0	0.0	0.0	0.1000D+11
18	162	274	0	0	0	1	0	0	0.0	0.0	0.1000D+11
19	190	290	0	0	0	1	0	0	0.0	0.0	0.1000D+11
20	190	291	0	0	0	1	0	0	0.0	0.0	0.1000D+11
21	181	285	0	0	0	1	0	0	0.0	0.0	0.1000D+11
22	199	293	0	0	0	1	0	0	0.0	0.0	0.1000D+11
23	208	295	0	0	0	1	0	0	0.0	0.0	0.1000D+11
24	191	292	0	0	0	1	0	0	0.0	0.0	0.1000D+11
25	213	296	0	0	0	1	0	0	0.0	0.0	0.1000D+11
26	214	297	0	0	0	1	0	0	0.0	0.0	0.1000D+11
27	218	298	0	0	0	1	0	0	0.0	0.0	0.1000D+11
28	228	299	0	0	0	1	0	0	0.0	0.0	0.1000D+11
29	231	301	0	0	0	1	0	0	0.0	0.0	0.1000D+11
30	231	300	0	0	0	1	0	0	0.0	0.0	0.1000D+11
31	236	303	0	0	0	1	0	0	0.0	0.0	0.1000D+11
32	236	302	0	0	0	1	0	0	0.0	0.0	0.1000D+11
33	169	277	0	0	0	1	0	0	0.0	0.0	0.1000D+11
34	176	279	0	0	0	1	0	0	0.0	0.0	0.1000D+11
35	177	281	0	0	0	1	0	0	0.0	0.0	0.1000D+11
36	178	282	0	0	0	1	0	0	0.0	0.0	0.1000D+11
37	179	283	0	0	0	1	0	0	0.0	0.0	0.1000D+11

B O U N D A R Y E L E M E N T S

ELEMENT TYPE = 7
NUMBER OF ELEMENTS = 2

ELEMENT LOAD CASE MULTIPLIERS

CASE(A)	CASE(B)	CASE(C)	CASE(D)
1.0000	0.0	0.0	0.0

ELEMENT NUMBER	NODE (N)	NODES DEFINING CONSTRAINT DIRECTION (NI)	(NJ)	(NK)	(NL)	CODE KD	CODE KR	GENERATION CODE (KN)	SPECIFIED DISPLACEMENT	SPECIFIED ROTATION	SPRING RATE
1	133	264	0	0	0	1	0	0	0.0	0.0	0.9000D+03
2	189	289	0	0	0	1	0	0	0.0	0.0	0.5000D+03

B A N D W I D T H M I N I M I Z A T I O N

MINBND (BANDWIDTH CONTROL PARAMETER)= 1

REQUIRED BLANK COMMON FOR THIS STEP= 1715

REQUIRED BLANK COMMON FOR THIS STEP= 2915

EQUATION NUMBERS AFTER BANDWIDTH MINIMIZATION

NODE	SEQUENCE	X	Y	Z	XX	YY	ZZ
1	247	0	0	0	0	0	0
2	140	835	836	837	838	839	840
3	144	859	860	861	862	863	864
4	148	883	884	885	886	887	888
5	152	907	908	909	910	911	912
6	157	937	938	939	940	941	942
7	164	979	980	981	982	983	984
8	166	991	992	993	994	995	996
9	173	1033	1034	1035	1036	1037	1038
10	169	1009	1010	1011	1012	1013	1014
11	167	997	998	999	1000	1001	1002
12	158	943	944	945	946	947	948
13	156	931	932	933	934	935	936
14	118	703	704	705	706	707	708
15	107	637	638	639	640	641	642
16	103	613	614	615	616	617	618
17	96	571	572	573	574	575	576
18	93	553	554	555	556	557	558
19	90	535	536	537	538	539	540
20	87	517	518	519	520	521	522
21	81	481	482	483	484	485	486
22	77	457	458	459	460	461	462
23	73	433	434	435	436	437	438
24	248	0	0	0	0	0	0
25	3	13	14	15	16	17	18
26	4	19	20	21	22	23	24
27	7	37	38	39	40	41	42
28	10	55	56	57	58	59	60
29	13	73	74	75	76	77	78
30	29	169	170	171	172	173	174
31	57	337	338	339	340	341	342
32	75	445	446	447	448	449	450
33	79	469	470	471	472	473	474
34	91	541	542	543	544	545	546
35	94	559	560	561	562	563	564
36	151	901	902	903	904	905	906
37	147	877	878	879	880	881	882
38	139	829	830	831	832	833	834
39	116	691	692	693	694	695	696
40	110	655	656	657	658	659	660
41	102	607	608	609	610	611	612
42	99	589	590	591	592	593	594
43	95	565	566	567	568	569	570
44	92	547	548	549	550	551	552
45	83	493	494	495	496	497	498
46	80	475	476	477	478	479	480
47	49	289	290	291	292	293	294
48	44	259	260	261	262	263	264
49	30	175	176	177	178	179	180

50	25	145	146	147	148	149	150
51	17	97	98	99	100	101	102
52	14	79	80	81	82	83	84
53	11	61	62	63	64	65	66
54	8	43	44	45	46	47	48
55	18	103	104	105	106	107	108
56	21	121	122	123	124	125	126
57	45	265	266	267	268	269	270
58	50	295	296	297	298	299	300
59	58	343	344	345	346	347	348
60	175	1045	1046	1047	1048	1049	1050
61	176	1051	1052	1053	1054	1055	1056
62	187	1117	1118	1119	1120	1121	1122
63	189	1129	1130	1131	1132	1133	1134
64	191	1141	1142	1143	1144	1145	1146
65	194	1159	1160	1161	1162	1163	1164
66	196	1171	1172	1173	1174	1175	1176
67	199	1189	1190	1191	1192	1193	1194
68	206	1231	1232	1233	1234	1235	1236
69	209	1249	1250	1251	1252	1253	1254
70	214	1279	1280	1281	1282	1283	1284
71	208	1243	1244	1245	1246	1247	1248
72	205	1225	1226	1227	1228	1229	1230
73	183	1093	1094	1095	1096	1097	1098
74	181	1081	1082	1083	1084	1085	1086
75	249	0	0	0	0	0	0
76	219	1309	1310	1311	1312	1313	1314
77	217	1297	1298	1299	1300	1301	1302
78	215	1285	1286	1287	1288	1289	1290
79	200	1195	1196	1197	1198	1199	1200
80	197	1177	1178	1179	1180	1181	1182
81	250	0	0	0	0	0	0
82	230	1375	1376	1377	1378	1379	1380
83	232	1387	1388	1389	1390	1391	1392
84	234	1399	1400	1401	1402	1403	1404
85	236	1411	1412	1413	1414	1415	1416
86	239	1429	1430	1431	1432	1433	1434
87	241	1441	1442	1443	1444	1445	1446
88	242	1447	1448	1449	1450	1451	1452
89	251	0	0	0	0	0	0
90	235	1405	1406	1407	1408	1409	1410
91	233	1393	1394	1395	1396	1397	1398
92	252	0	0	0	0	0	0
93	130	775	776	777	778	779	780
94	136	811	812	813	814	815	816
95	155	925	926	927	928	929	930
96	154	919	920	921	922	923	924
97	159	949	950	951	952	953	954
98	162	967	968	969	970	971	972
99	168	1003	1004	1005	1006	1007	1008
100	170	1015	1016	1017	1018	1019	1020
101	172	1027	1028	1029	1030	1031	1032
102	171	1021	1022	1023	1024	1025	1026
103	174	1039	1040	1041	1042	1043	1044
104	165	985	986	987	988	989	990
105	163	973	974	975	976	977	978
106	161	961	962	963	964	965	966
107	160	955	956	957	958	959	960
108	153	913	914	915	916	917	918
109	150	895	896	897	898	899	900

110	146	871	872	873	874	875	876
111	142	847	848	849	850	851	852
112	138	823	824	825	826	827	828
113	133	793	794	795	796	797	798
114	132	787	788	789	790	791	792
115	128	763	764	765	766	767	768
116	124	739	740	741	742	743	744
117	120	715	716	717	718	719	720
118	119	709	710	711	712	713	714
119	115	685	686	687	688	689	690
120	114	679	680	681	682	683	684
121	109	649	650	651	652	653	654
122	149	889	890	891	892	893	894
123	145	865	866	867	868	869	870
124	141	841	842	843	844	845	846
125	137	817	818	819	820	821	822
126	131	781	782	783	784	785	786
127	127	757	758	759	760	761	762
128	126	751	752	753	754	755	756
129	123	733	734	735	736	737	738
130	113	673	674	675	676	677	678
131	112	667	668	669	670	671	672
132	100	595	596	597	598	599	600
133	84	499	500	501	502	503	504
134	108	643	644	645	646	647	648
135	104	619	620	621	622	623	624
136	101	601	602	603	604	605	606
137	98	583	584	585	586	587	588
138	97	577	578	579	580	581	582
139	88	523	524	525	526	527	528
140	85	505	506	507	508	509	510
141	82	487	488	489	490	491	492
142	78	463	464	465	466	467	468
143	74	439	440	441	442	443	444
144	70	415	416	417	418	419	420
145	67	397	398	399	400	401	402
146	64	379	380	381	382	383	384
147	63	373	374	375	376	377	378
148	59	349	350	351	352	353	354
149	56	331	332	333	334	335	336
150	52	307	308	309	310	311	312
151	51	301	302	303	304	305	306
152	47	277	278	279	280	281	282
153	46	271	272	273	274	275	276
154	42	247	248	249	250	251	252
155	71	421	422	423	424	425	426
156	68	403	404	405	406	407	408
157	65	385	386	387	388	389	390
158	61	361	362	363	364	365	366
159	60	355	356	357	358	359	360
160	53	313	314	315	316	317	318
161	48	283	284	285	286	287	288
162	43	253	254	255	256	257	258
163	39	229	230	231	232	233	234
164	36	211	212	213	214	215	216
165	33	193	194	195	196	197	198
166	143	853	854	855	856	857	858
167	135	805	806	807	808	809	810
168	134	799	800	801	802	803	804
169	129	769	770	771	772	773	774

170	125	745	746	747	748	749	750
171	122	727	728	729	730	731	732
172	117	697	698	699	700	701	702
173	111	661	662	663	664	665	666
174	106	631	632	633	634	635	636
175	121	721	722	723	724	725	726
176	105	625	626	627	628	629	630
177	89	529	530	531	532	533	534
178	86	511	512	513	514	515	516
179	76	451	452	453	454	455	456
180	72	427	428	429	430	431	432
181	69	409	410	411	412	413	414
182	66	391	392	393	394	395	396
183	62	367	368	369	370	371	372
184	55	325	326	327	328	329	330
185	54	319	320	321	322	323	324
186	40	235	236	237	238	239	240
187	37	217	218	219	220	221	222
188	34	199	200	201	202	203	204
189	20	115	116	117	118	119	120
190	24	139	140	141	142	143	144
191	19	109	110	111	112	113	114
192	16	91	92	93	94	95	96
193	9	49	50	51	52	53	54
194	2	7	8	9	10	11	12
195	1	1	2	3	4	5	6
196	6	31	32	33	34	35	36
197	5	25	26	27	28	29	30
198	12	67	68	69	70	71	72
199	26	151	152	153	154	155	156
200	31	181	182	183	184	185	186
201	27	157	158	159	160	161	162
202	22	127	128	129	130	131	132
203	23	133	134	135	136	137	138
204	28	163	164	165	166	167	168
205	32	187	188	189	190	191	192
206	35	205	206	207	208	209	210
207	38	223	224	225	226	227	228
208	41	241	242	243	244	245	246
209	177	1057	1058	1059	1060	1061	1062
210	180	1075	1076	1077	1078	1079	1080
211	178	1063	1064	1065	1066	1067	1068
212	182	1087	1088	1089	1090	1091	1092
213	184	1099	1100	1101	1102	1103	1104
214	202	1207	1208	1209	1210	1211	1212
215	212	1267	1268	1269	1270	1271	1272
216	216	1291	1292	1293	1294	1295	1296
217	211	1261	1262	1263	1264	1265	1266
218	201	1201	1202	1203	1204	1205	1206
219	198	1183	1184	1185	1186	1187	1188
220	195	1165	1166	1167	1168	1169	1170
221	193	1153	1154	1155	1156	1157	1158
222	192	1147	1148	1149	1150	1151	1152
223	190	1135	1136	1137	1138	1139	1140
224	188	1123	1124	1125	1126	1127	1128
225	186	1111	1112	1113	1114	1115	1116
226	185	1105	1106	1107	1108	1109	1110
227	179	1069	1070	1071	1072	1073	1074
228	218	1303	1304	1305	1306	1307	1308
229	220	1315	1316	1317	1318	1319	1320

230	221	1321	1322	1323	1324	1325	1326
231	213	1273	1274	1275	1276	1277	1278
232	210	1255	1256	1257	1258	1259	1260
233	207	1237	1238	1239	1240	1241	1242
234	204	1219	1220	1221	1222	1223	1224
235	203	1213	1214	1215	1216	1217	1218
236	222	1327	1328	1329	1330	1331	1332
237	223	1333	1334	1335	1336	1337	1338
238	225	1345	1346	1347	1348	1349	1350
239	224	1339	1340	1341	1342	1343	1344
240	228	1363	1364	1365	1366	1367	1368
241	238	1423	1424	1425	1426	1427	1428
242	240	1435	1436	1437	1438	1439	1440
243	237	1417	1418	1419	1420	1421	1422
244	243	1453	1454	1455	1456	1457	1458
245	245	1465	1466	1467	1468	1469	1470
246	246	1471	1472	1473	1474	1475	1476
247	244	1459	1460	1461	1462	1463	1464
248	231	1381	1382	1383	1384	1385	1386
249	229	1369	1370	1371	1372	1373	1374
250	227	1357	1358	1359	1360	1361	1362
251	226	1351	1352	1353	1354	1355	1356
252	15	85	86	87	88	89	90
253	253	0	0	0	0	0	0
254	254	0	0	0	0	0	0
255	255	0	0	0	0	0	0
256	256	0	0	0	0	0	0
257	257	0	0	0	0	0	0
258	258	0	0	0	0	0	0
259	259	0	0	0	0	0	0
260	260	0	0	0	0	0	0
261	261	0	0	0	0	0	0
262	262	0	0	0	0	0	0
263	263	0	0	0	0	0	0
264	264	0	0	0	0	0	0
265	265	0	0	0	0	0	0
266	266	0	0	0	0	0	0
267	267	0	0	0	0	0	0
268	268	0	0	0	0	0	0
269	269	0	0	0	0	0	0
270	270	0	0	0	0	0	0
271	271	0	0	0	0	0	0
272	272	0	0	0	0	0	0
273	273	0	0	0	0	0	0
274	274	0	0	0	0	0	0
275	275	0	0	0	0	0	0
276	276	0	0	0	0	0	0
277	277	0	0	0	0	0	0
278	278	0	0	0	0	0	0
279	279	0	0	0	0	0	0
280	280	0	0	0	0	0	0
281	281	0	0	0	0	0	0
282	282	0	0	0	0	0	0
283	283	0	0	0	0	0	0
284	284	0	0	0	0	0	0
285	285	0	0	0	0	0	0
286	286	0	0	0	0	0	0
287	287	0	0	0	0	0	0
288	288	0	0	0	0	0	0
289	289	0	0	0	0	0	0

290	290	0	0	0	0	0	0
291	291	0	0	0	0	0	0
292	292	0	0	0	0	0	0
293	293	0	0	0	0	0	0
294	294	0	0	0	0	0	0
295	295	0	0	0	0	0	0
296	296	0	0	0	0	0	0
297	297	0	0	0	0	0	0
298	298	0	0	0	0	0	0
299	299	0	0	0	0	0	0
300	300	0	0	0	0	0	0
301	301	0	0	0	0	0	0
302	302	0	0	0	0	0	0
303	303	0	0	0	0	0	0
304	304	0	0	0	0	0	0
305	305	0	0	0	0	0	0
306	306	0	0	0	0	0	0
307	307	0	0	0	0	0	0
308	308	0	0	0	0	0	0
309	309	0	0	0	0	0	0
310	310	0	0	0	0	0	0
311	311	0	0	0	0	0	0

BANDWIDTH PRIOR TO RESEQUENCING= 1164
BANDWIDTH AFTER RESEQUENCING = 42

BANDWIDTH MINIMIZATION TIME LOG

READ FILE AND SET UP MINIMIZATION= 0.05
PERFORM THE MINIMIZATION = 0.30
REWRITE THE DATA FILES = 1.02

TOTAL FOR MINIMIZATION = 1.37

REQUIRED BLANK COMMON FOR THIS STEP= 7360

E Q U A T I O N P A R A M E T E R S

TOTAL NUMBER OF EQUATIONS = 1476
BANDWIDTH = 42
NUMBER OF EQUATIONS IN A BLOCK = 380
NUMBER OF BLOCKS = 4

NODAL LOADS (STATIC) OR MASSES (DYNAMIC)

NODE NUMBER	LOAD CASE	X-AXIS FORCE	Y-AXIS FORCE	Z-AXIS FORCE	X-AXIS MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
106	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
113	0	1.26800D+00	1.26800D+00	1.26800D+00	0.0	0.0	0.0
121	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
127	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
137	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
146	0	1.26800D+00	1.26800D+00	1.26800D+00	0.0	0.0	0.0
154	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
158	0	1.62660D+01	1.62660D+01	1.62660D+01	0.0	0.0	0.0
167	0	1.81200D+00	1.81200D+00	1.81200D+00	0.0	0.0	0.0
173	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
197	0	1.81200D+00	1.81200D+00	1.81200D+00	0.0	0.0	0.0
204	0	3.40000D-02	3.40000D-02	3.40000D-02	0.0	0.0	0.0
211	0	4.91700D+00	4.91700D+00	4.91700D+00	0.0	0.0	0.0
221	0	9.32000D-01	9.32000D-01	9.32000D-01	0.0	0.0	0.0
225	0	9.32000D-01	9.32000D-01	9.32000D-01	0.0	0.0	0.0
234	0	9.32000D-01	9.32000D-01	9.32000D-01	0.0	0.0	0.0
239	0	5.05000D-01	5.05000D-01	5.05000D-01	0.0	0.0	0.0
246	0	5.05000D-01	5.05000D-01	5.05000D-01	0.0	0.0	0.0
250	0	5.05000D-01	5.05000D-01	5.05000D-01	0.0	0.0	0.0
106	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
113	1	0.0	-4.90000D+02	0.0	0.0	0.0	0.0
121	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
127	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
133	1	0.0	2.42800D+03	0.0	0.0	0.0	0.0
137	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
146	1	0.0	-4.90000D+02	0.0	0.0	0.0	0.0
154	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
158	1	0.0	-6.28500D+03	0.0	0.0	0.0	0.0
167	1	0.0	-7.00000D+02	0.0	0.0	0.0	0.0
173	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
189	1	0.0	1.33700D+03	0.0	0.0	0.0	0.0
197	1	0.0	-7.00000D+02	0.0	0.0	0.0	0.0
204	1	0.0	-1.30000D+01	0.0	0.0	0.0	0.0
211	1	0.0	-1.90000D+03	0.0	0.0	0.0	0.0
221	1	0.0	-3.60000D+02	0.0	0.0	0.0	0.0
225	1	0.0	-3.60000D+02	0.0	0.0	0.0	0.0
234	1	0.0	-3.60000D+02	0.0	0.0	0.0	0.0
239	1	0.0	-1.95000D+02	0.0	0.0	0.0	0.0
246	1	0.0	-1.95000D+02	0.0	0.0	0.0	0.0
250	1	0.0	-1.95000D+02	0.0	0.0	0.0	0.0

ALL EQUATIONS HAVE STIFFNESS ATTACHED

STRUCTURE LOAD CASE	ELEMENT LOAD MULTIPLIERS A	B	C	D
1	0.0	1.000	0.0	1.000
2	0.0	0.0	1.000	0.0

STIFFNESS MATRIX PARAMETERS

MINIMUM NON-ZERO DIAGONAL ELEMENT= 4.920D+04

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E        MAXIMUM DIAGONAL ELEMENT          = 1.000D+13
         MAXIMUM/MINIMUM                   = 2.033D+08
         AVERAGE DIAGONAL ELEMENT          = 8.273D+10
         DENSITY OF THE MATRIX             = 11.1 PCT.

REQUIRED BLANK COMMON FOR THIS STEP=   4320
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W E I G H T A N D C G C A L C U L A T I O N S

LOCATION OF REFERENCE POINT FOR MOMENT OF INERTIA CALCULATION

X= -1668.0000
Y= 7482.0000
Z= 0.0

MASS DIRECTION	MASS	WEIGHT	X-CG	Y-CG	Z-CG
X	2.031D+02	7.846D+04	3.276D+02	8.330D+01	4.724D+02
Y	2.031D+02	7.846D+04	3.276D+02	8.330D+01	4.724D+02
Z	2.031D+02	7.846D+04	3.276D+02	8.330D+01	4.724D+02

MOMENTS OF INERTIA ABOUT THE REFERENCE POINT USING THE GLOBAL COORDINATES

I(X)= 5.3598D+07
I(Y)= 8.5438D+07
I(Z)= 3.6371D+07

REQUIRED BLANK COMMON FOR THIS STEP= 5841

S T A T I C A N A L Y S I S

LOAD CASE 1

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-2.18026D-03	-4.68202D-03	-2.99873D-03	-1.65344D-05	2.40009D-05	-2.85977D-05
3	-2.15776D-03	-4.17150D-03	-3.42534D-03	-7.72837D-06	2.96694D-05	-5.62707D-05
4	-1.05802D-03	-3.53911D-03	-3.39824D-03	1.16529D-05	3.33530D-05	-6.65493D-05
5	-1.53864D-04	-2.86932D-03	-2.10503D-03	1.79971D-04	-4.63092D-06	-3.84852D-05
6	1.20631D-03	-7.42176D-04	-5.05955D-04	2.38539D-04	-3.75241D-05	-7.55053D-05
7	3.72203D-03	-4.14529D-03	4.17651D-04	9.65516D-05	-3.75499D-05	-2.47899D-04
8	1.01365D-02	-1.77477D-02	2.00222D-03	1.30179D-04	-3.80726D-05	-3.47648D-05
9	1.36916D-02	-7.27649D-04	5.15669D-05	1.12949D-05	2.25800D-05	7.24621D-05
10	1.37904D-02	-5.80482D-07	-7.23290D-0[illegible]	-8.69276D-05	3.13015D-05	2.58001D-06
11	1.28161D-02	-2.18345D-02	-5.81004D-03	1.77849D-04	2.20904D-05	-6.89479D-06
12	1.04775D-02	-7.83363D-07	-6.27518D-03	3.35022D-04	4.41388D-05	8.45933D-05
13	9.63526D-03	2.86175D-03	-6.06670D-03	2.10904D-04	5.99477D-06	1.54924D-04
14	8.52594D-03	-4.77340D-04	-1.20608D-03	-1.71247D-05	5.20143D-05	-1.16016D-04
15	4.02846D-03	-1.45432D-03	-1.95776D-03	4.26857D-06	6.59286D-05	-6.58767D-05
16	2.84544D-03	-2.61435D-04	-1.50409D-03	2.82819D-06	1.11275D-05	-2.30238D-05
17	1.91867D-03	-2.18438D-03	-1.42346D-04	-1.61078D-05	1.51381D-05	1.84645D-05
18	1.72411D-03	-2.17744D-03	-9.73971D-05	-2.25979D-05	-1.96889D-05	-2.62031D-06
19	1.37187D-03	-1.79852D-03	-2.16705D-04	-2.24358D-05	-2.08732D-05	-1.20335D-05
20	1.15910D-03	-1.36735D-03	-2.30159D-04	-2.07500D-05	8.74122D-06	-1.92340D-05
21	6.19715D-04	-6.47328D-04	5.42077D-05	-7.60771D-06	5.00245D-07	-1.53964D-05
22	2.95185D-04	-3.76355D-04	2.99448D-05	1.46168D-06	9.26556D-06	1.44223D-05
23	1.06425D-12	-1.14427D-10	-5.33226D-12	7.51257D-10	7.35919D-10	1.28881D-09
25	1.17270D-03	-9.84707D-03	-2.91741D-03	-1.09204D-04	-5.28123D-06	-2.38701D-05
26	1.76099D-03	-1.12633D-02	-5.53143D-03	-9.09376D-05	-5.16668D-06	-3.71387D-06
27	1.77788D-03	-1.08808D-02	-6.47203D-03	-8.22518D-05	-6.02547D-06	-2.88672D-08
28	2.36837D-04	-6.46136D-03	-6.29770D-03	1.66214D-05	-4.41852D-05	2.30931D-04
29	6.13610D-04	-3.89388D-03	-5.80957D-03	2.47406D-05	-4.24055D-05	2.19670D-04
30	9.70899D-03	-1.48449D-02	2.72822D-03	8.53282D-05	-2.90517D-05	-1.14607D-04
31	1.95655D-02	-1.15893D-03	2.60907D-03	-6.80405D-05	3.31023D-05	-3.85900D-05
32	1.70841D-02	8.82696D-04	-7.59625D-04	3.48622D-05	5.48387D-05	1.05216D-04
33	1.61576D-02	1.74990D-03	-1.24740D-03	1.45278D-05	6.86480D-06	1.29827D-04
34	1.41412D-02	-9.89663D-03	-7.77588D-04	5.16938D-05	2.13368D-05	1.09714D-04
35	1.34945D-02	-9.18860D-03	-7.21126D-04	1.18509D-04	5.52301D-05	6.28087D-05
36	1.07168D-03	-7.70633D-03	-3.84541D-03	4.54580D-04	-1.62874D-05	-2.23401D-04
37	3.34489D-03	-1.25654D-02	3.68252D-03	1.87921D-04	3.25057D-05	-1.48563D-04
38	-1.00051D-02	-1.05474D-02	1.10943D-03	3.86075D-05	4.25729D-05	3.84836D-04
39	-8.73721D-03	-4.16186D-02	7.37041D-03	4.76627D-04	1.25814D-04	3.58307D-04
40	-6.04012D-03	-4.54425D-02	2.36931D-03	7.82732D-04	-3.79131D-05	2.26843D-04
41	-4.49366D-03	-4.54395D-02	-3.24348D-03	8.22478D-04	-4.59786D-05	2.11720D-04
42	-2.92979D-03	-3.50546D-02	-1.23701D-03	1.32350D-03	-1.79635D-05	8.44308D-05
43	-2.59750D-03	-1.27146D-02	-1.23696D-02	1.37814D-03	-1.71886D-05	2.37890D-05
44	-2.63528D-03	7.03292D-04	-1.21414D-02	1.48132D-03	5.57065D-05	-9.21550D-05
45	-2.58182D-03	-6.97154D-02	8.08404D-03	1.45871D-03	9.65071D-05	6.95839D-05
46	-2.61520D-03	-6.91215D-02	8.31925D-03	1.47576D-03	8.17574D-05	-7.79480D-05
47	-1.68249D-03	-1.44804D-02	5.43229D-03	8.92766D-05	-3.48089D-05	4.73067D-04
48	-1.53045D-03	-1.74898D-02	5.19572D-03	8.36514D-05	-3.39753D-05	4.84270D-04
49	1.64009D-03	-1.16490D-02	2.39447D-03	5.00709D-04	-8.67418D-06	7.67901D-05
50	1.23514D-03	-2.34938D-03	2.20029D-03	2.85020D-04	4.95895D-05	1.94029D-05
51	1.03446D-03	-1.17051D-03	1.97325D-03	2.64964D-04	5.15557D-05	1.77231D-05
52	6.81859D-06	5.61844D-06	1.23790D-05	6.16476D-06	-1.81303D-06	-3.68822D-06
53	-8.80831D-13	4.56558D-11	7.58484D-14	6.94664D-10	-1.57122D-10	-4.13748D-10
54	-1.18663D-02	-1.83032D-03	-5.03155D-03	-3.46254D-04	-6.62171D-05	7.56532D-06

55	-9.83123D-03	-1.63762D-02	-4.46861D-03	-5.04326D-04	-4.05581D-05	5.59394D-05
56	-1.01067D-02	-2.27384D-02	-4.02847D-03	-5.03938D-04	9.42883D-05	9.85377D-05
57	-1.35967D-02	-1.09235D-03	7.55812D 03	1.93154D-05	3.24804D-05	2.20852D-04
58	-9.13481D-03	-5.10285D-03	7.64449D-03	7.21764D-05	-3.03632D-05	4.70289D-04
59	-1.90634D-03	-5.31991D-03	6.16268D-03	1.09419D-04	-3.48116D-05	4.30046D-04
60	1.24908D-02	-1.40251D-04	-2.96458D-04	-4.54468D-05	3.60159D-05	3.35632D-05
61	1.28472D-02	-2.29546D-03	-2.86624D-03	-8.78870D-05	3.71168D-05	-5.76583D-05
62	9.95126D-03	9.37874D-04	-4.83495D-03	1.42904D-04	3.24445D-05	-2.82360D-05
63	9.84557D-03	1.47328D-03	-4.79163D-03	1.29425D-04	-2.88775D-05	-4.40322D-05
64	9.83169D-03	6.56780D-04	-2.26713D-03	1.64022D-04	-2.66703D-05	2.41564D-05
65	9.68909D-03	1.07522D-03	2.35166D-04	1.65795D-04	1.57709D-05	-3.43122D-05
66	1.11117D-02	1.11697D-03	5.26836D-03	1.66563D-04	3.93966D-05	-6.45108D-05
67	1.27623D-02	5.88885D-04	6.95996D-03	-6.34812D-05	4.77027D-05	-2.95053D-04
68	3.93764D-03	-2.27288D-02	1.90677D-03	2.78758D-04	4.40749D-05	-3.66318D-04
69	3.74225D-03	-2.11399D-02	1.84288D-03	3.22647D-04	6.47491D-06	-3.63092D-04
70	4.09805D-03	-8.64187D-03	1.84881D-03	2.52027D-04	-2.98526D-05	-4.00445D-04
71	1.69778D-03	-1.90172D-02	1.60495D-03	1.89203D-04	-6.43793D-05	-3.99946D-04
72	-1.60706D-03	-2.07579D-02	3.85898D-04	6.89467D-05	-9.76172D-05	-1.05401D-04
73	-1.86760D-03	-2.10632D-02	-2.17714D-03	-9.11791D-06	-5.56016D-05	5.88016D-05
74	2.59961D-04	-1.77713D-02	-8.56250D-04	-6.16921D-05	-2.06303D-05	2.23612D-04
76	4.08157D-03	1.13305D-03	6.29859D-04	2.01752D-04	-4.30497D-05	-1.30494D-04
77	4.06844D-03	1.45372D-03	-5.74969D-04	1.65785D-04	-4.68978D-05	2.97817D-05
78	3.82146D-04	-2.08033D-03	-7.37784D-05	2.69247D-05	-1.09243D-04	1.26794D-04
79	-1.07360D-03	-2.39691D-03	-1.73347D-03	4.11588D-05	-5.22954D-05	-4.55846D-05
80	-3.54271D-05	-4.50363D-04	1.78427D-06	3.37930D-05	-4.08912D-06	-3.96465D-06
82	1.40445D-03	6.85602D-04	9.31050D-04	-6.55988D-05	2.27355D-05	9.56856D-05
83	1.58572D-03	6.06126D-04	1.08364D-03	-6.40358D-05	4.68292D-05	-2.78276D-05
84	1.30324D-03	-3.92359D-04	2.89930D-04	-4.16286D-05	4.48831D-05	-4.43356D-05
85	1.00900D-03	-6.80421D-04	1.98154D-04	-9.35574D-06	4.13908D-05	-3.02208D-05
86	1.76983D-06	-6.61443D-04	5.09221D-06	4.15113D-06	2.02433D-06	-6.46340D-06
87	1.64454D-06	-6.11337D-04	-1.22018D-06	-1.99420D-05	-2.34373D-07	8.71501D-06
88	3.95501D-07	-4.64849D-04	-3.34178D-07	-3.12178D-05	-6.90379D-08	7.08696D-06
90	3.77797D-06	-5.44994D-04	2.93484D-06	2.00396D-05	-1.11024D-06	-1.01804D-05
91	5.80533D-06	-4.13198D-04	8.05088D-07	2.73739D-05	3.06687D-07	-6.85462D-06
93	-4.43349D-04	-1.46859D-03	-1.04287D-03	-5.85517D-05	9.18039D-06	4.98008D-06
94	-1.57105D-03	-4.24123D-03	-2.44987D-03	-3.96670D-05	2.02472D-05	-1.58354D-05
95	6.78872D-04	-1.48672D-03	-6.87641D-04	2.31234D-04	-3.81598D-05	-4.90088D-05
96	1.09077D-03	-4.54689D-03	-1.81691D-04	4.11946D-04	-2.23555D-05	-1.88382D-04
97	1.73802D-03	-1.29516D-04	-3.13624D-04	2.13322D-04	-3.83315D-05	-1.03024D-04
98	2.15719D-03	-4.14299D-07	-1.58691D-04	1.85094D-04	-3.86625D-05	-1.40223D-04
99	1.20760D-02	-1.21275D-02	1.82075D-03	1.57553D-04	-1.75358D-05	7.97117D-05
100	1.29426D-02	-7.02611D-03	1.36344D-03	1.37803D-04	-2.91987D-06	1.14333D-04
101	1.35728D-02	-1.82755D-03	4.64261D-04	5.74599D-05	1.56836D-05	9.68001D-05
102	1.37652D-02	-2.67435D-05	-4.08744D-0	-4.11757D-05	2.78104D-05	3.73115D-05
103	1.30329D-02	-4.58633D-04	4.62491D-05	-1.41353D-05	2.87636D-05	5.54140D-05
104	1.26041D-02	-2.00760D-02	-6.09710D-03	2.63230D-04	2.90761D-05	1.77208D-05
105	1.19519D-02	-1.40413D-02	-6.09691D-03	3.17339D-04	3.32042D-05	3.17392D-05
106	1.11990D-02	-1.40646D-02	2.31719D-03	3.17339D-04	3.32042D-05	2.80317D-05
107	1.12107D-02	-6.62871D-03	-6.09672D-03	3.51297D-04	3.75466D-05	5.32984D-05
108	9.55598D-03	1.58485D-03	-6.00619D-03	1.94746D-04	9.00498D-06	1.56782D-04
109	9.49295D-03	2.00083D-03	-6.06042D-03	-2.22073D-05	9.00498D-06	2.10714D-04
110	9.46593D-03	1.80030D-03	-6.08366D-03	-7.62120D-05	9.00498D-06	2.33828D-04
111	9.42316D-03	1.25039D-03	-6.12046D-03	-1.15079D-04	9.00498D-06	2.70425D-04
112	9.36913D-03	5.28659D-04	-6.12046D-03	-9.92657D-05	9.00498D-06	2.94003D-04
113	6.61885D-04	-2.71288D-04	-9.49970D-03	-1.37984D-04	9.00498D-06	3.34956D-04
114	9.31510D-03	1.04905D-04	-6.12046D-03	-5.42364D-05	9.00498D-06	2.94003D-04
115	9.29146D-03	1.67802D-05	-6.14079D-03	-2.87692D-05	9.00498D-06	2.94003D-04
116	9.26107D-03	-1.64024D-05	-6.16694D-03	-8.20112D-06	9.00498D-06	2.94003D-04
117	9.23068D-03	-2.04480D-08	-6.19308D-03	-1.60234D-06	9.00498D-06	2.94003D-04
118	1.00328D-02	-3.05164D-05	-6.11134D-03	-3.41552D-05	9.00498D-06	2.94003D-04

119	9.16201D-03	-2.01099D-05	-6.25215D-03	-2.57022D-06	9.00498D-06	2.94003D-04
120	1.16131D-02	-5.91735D-05	-5.78494D-03	-8.72992D-05	9.00498D-06	2.94003D-04
121	1.27475D-02	-3.10546D-04	-5.43629D-03	-9.24065D-05	9.00498D-06	2.94003D-04
122	9.45689D-03	-2.08521D-07	-5.89694D-03	1.76908D-04	1.27151D-05	1.56631D-04
123	9.26861D-03	-3.01778D-03	-5.58843D-03	1.43017D-04	1.96028D-05	1.41026D-04
124	8.79296D-03	-7.20343D-03	-4.24417D-03	5.73962D-05	3.60619D-05	3.22331D-06
125	8.69386D-03	-7.06385D-03	-3.86660D-03	3.95586D-05	3.93211D-05	-3.79488D-05
126	8.69413D-03	-5.73007D-03	-2.99835D-03	1.74395D-05	4.32499D-05	-9.41484D-05
127	1.11153D-02	-5.78550D-03	-2.62803D-03	1.37320D-05	4.32499D-05	-9.41484D-05
128	8.69440D-03	-2.98502D-03	-2.04920D-03	2.86123D-06	4.70263D-05	-1.29254D-04
129	8.63494D-03	-2.08218D-03	-1.76133D-03	-4.19263D-06	4.88061D-05	-1.30995D-04
130	9.10474D-03	-4.00680D-05	-1.09716D-03	-7.20857D-06	5.29550D-05	-8.81994D-05
131	7.94157D-03	-7.25380D-04	-1.31488D-03	-2.02390D-05	5.41541D-05	-1.08759D-04
132	2.69644D-03	-3.29032D-07	-1.32134D-03	-2.16110D-07	1.28082D-05	-8.63811D-07
133	1.00710D-03	-1.03267D-03	-1.06821D-04	-1.70466D-05	6.94528D-06	-1.53415D-05
134	1.00175D-02	-1.47502D-06	-9.28821D-04	6.71719D-05	5.41291D-05	-4.52095D-05
135	1.08372D-02	-1.96506D-03	-7.80287D-04	1.39902D-04	5.48831D-05	-7.27716D-06
136	1.19961D-02	-5.48309D-03	-7.80671D-04	1.51095D-04	5.52442D-05	2.40808D-05
137	1.13718D-02	-5.85647D-03	3.41703D-03	1.53717D-04	5.52442D-05	2.67024D-05
138	1.31593D-02	-8.43812D-03	-7.81045D-04	1.29384D-04	5.52993D-05	5.01066D-05
139	1.50416D-02	-6.24465D-03	-1.08411D-03	-5.93967D-06	1.81690D-05	1.60005D-04
140	1.58896D-02	-4.08652D-07	-1.25838D-03	-2.92601D-06	1.09685D-05	1.48660D-04
141	1.60567D-02	1.09551D-03	-1.25879D-03	8.37455D-06	8.59571D-06	1.35299D-04
142	1.60525D-02	1.07929D-03	-1.33969D-03	-1.23250D-04	8.59571D-06	4.39252D-05
143	1.60507D-02	8.14937D-04	-1.37435D-03	-1.53937D-04	8.59571D-06	3.04849D-05
144	1.60479D-02	2.97095D-04	-1.42925D-03	-1.71817D-04	8.59571D-06	3.99192D-05
145	1.60114D-02	-2.33237D-04	-1.46572D-0	-1.56465D-04	8.59571D-06	7.28684D-05
146	1.40047D-02	-5.15996D-04	-6.22248D-03	-1.85355D-04	8.59571D-06	7.44528D-05
147	1.59749D-02	-3.90685D-04	-1.50219D-03	-1.19977D-04	8.59571D-06	1.09356D-04
148	1.59733D-02	-3.48278D-04	-1.53252D-03	-9.93741D-05	8.59571D-06	1.29959D-04
149	1.59713D-02	-2.02256D-04	-1.57152D-03	-8.27379D-05	8.59571D-06	1.46596D-04
150	1.59693D-02	-2.28188D-08	-1.61051D-03	-7.73745D-05	8.59571D-06	1.51959D-04
151	1.63320D-02	-2.16370D-04	-1.33024D-03	-1.01094D-04	8.59571D-06	1.28239D-04
152	1.59647D-02	3.94264D-04	-1.69803D-03	-7.80590D-05	8.59571D-06	1.51274D-04
153	1.69203D-02	-2.45027D-04	-6.85841D-04	-1.38681D-04	8.59571D-06	9.06526D-05
154	1.72506D-02	-3.43411D-04	-1.44400D-04	-1.42293D-04	8.59571D-06	8.70402D-05
155	1.73628D-02	-2.61060D-07	-3.55063D-04	3.58101D-05	5.25177D-05	9.97628D-05
156	1.83996D-02	-2.94498D-03	1.22736D-03	-3.60443D-06	4.24621D-05	3.26087D-05
157	1.89947D-02	-2.99933D-03	1.83400D-03	-3.33947D-05	3.93001D-05	-5.84709D-06
158	1.92817D-02	-3.05017D-03	9.46178D-04	-3.07731D-05	3.93001D-05	-8.46869D-06
159	1.95661D-02	-1.68633D-03	2.39325D-03	-5.98421D-05	3.60743D-05	-3.12482D-05
160	1.95423D-02	-5.58227D-07	3.03561D-03	-6.70206D-05	2.96888D-05	-3.55465D-05
161	1.84193D-02	1.84605D-03	5.45014D-03	-3.04762D-05	4.42160D-06	6.92091D-06
162	1.56469D-02	-2.38237D-07	6.13639D-03	3.50808D-05	-1.93647D-05	1.13175D-04
163	1.49977D-02	-2.60139D-03	6.00703D-03	6.09414D-05	-2.29176D-05	1.56141D-04
164	1.45369D-02	-4.76673D-03	5.86987D-03	7.36510D-05	-2.51053D-05	1.70515D-04
165	1.19848D-02	-1.55097D-02	4.53614D-03	9.52320D-05	-3.21496D-05	8.12283D-05
166	-7.33607D-03	-1.06029D-02	8.72413D-04	3.10839D-05	4.24637D-05	3.77985D-04
167	-1.38573D-02	-1.06096D-02	1.51265D-03	3.86682D-05	4.25729D-05	3.85122D-04
168	-1.00084D-02	-1.36678D-02	1.45363D-03	4.96778D-05	4.33698D-05	3.90674D-04
169	-9.86860D-03	-1.91826D-02	2.09763D-03	1.48634D-04	6.82590D-05	4.19735D-04
170	-9.05884D-03	-3.61650D-02	5.86964D-03	3.98242D-04	1.25265D-04	3.85485D-04
171	-7.78212D-03	-3.61686D-02	4.55067D-03	3.98242D-04	1.25265D-04	3.85485D-04
172	-6.74593D-03	-3.61714D-02	3.48019D-03	3.98242D-04	1.25265D-04	3.85485D-04
173	-4.77032D-03	-3.61728D-02	1.43940D-03	3.98242D-04	1.25265D-04	3.85485D-04
174	-2.16830D-03	-3.61731D-02	-1.24893D-03	3.98242D-04	1.25265D-04	3.85485D-04
175	-8.89826D-03	-3.89090D-02	6.61929D-03	4.37415D-04	1.26658D-04	3.71791D-04
176	-5.36444D-03	-4.54413D-02	-3.59983D-09	7.99610D-04	-4.13697D-05	2.20687D-04
177	-2.62081D-03	-6.60673D-08	-8.04802D-03	1.47520D-03	9.56328D-05	2.91719D-04
178	-2.60106D-03	-4.32170D-02	5.62892D-10	1.46684D-03	1.21263D-04	6.31582D-04

179	-3.90630D-03	-6.39190D-08	1.26446D-02	1.07776D-03	8.76452D-06	-4.81987D-06
180	-3.24291D-03	-7.54923D-03	1.05963D-02	5.89640D-04	-3.49105D-05	1.32725D-04
181	-3.13519D-03	-6.84936D-03	1.02537D-02	5.70350D-04	-3.63798D-05	7.97840D-05
182	-2.06401D-03	1.40199D-06	6.68335D-03	1.35054D-04	-3.52908D-05	3.77544D-04
183	-1.99253D-03	-2.29455D-03	6.44734D-03	1.24160D-04	-3.50896D-05	3.99021D-04
184	-5.22054D-03	-5.26621D-03	6.91937D-03	9.31954D-05	-3.24294D-05	4.50759D-04
185	-1.81945D-03	-8.75379D-03	5.87914D-03	9.92205D-05	-3.48523D-05	4.54528D-04
186	3.74847D-04	-3.01343D-02	3.51174D-03	2.79939D-04	-2.74619D-05	2.92262D-04
187	5.88688D-04	-2.96729D-02	3.32277D-03	3.19278D-04	-2.58336D-05	2.55022D-04
188	7.76857D-04	-2.87091D-02	3.15652D-03	3.55419D-04	-2.41434D-05	2.20760D-04
189	1.13596D-03	-1.71942D-03	2.08937D-03	2.75103D-04	5.05593D-05	1.85778D-05
190	6.83271D-03	-2.19259D-07	5.58918D-09	6.61683D-05	-3.15705D-05	-1.34153D-04
191	1.21284D-03	-3.39223D-07	-5.10294D-03	2.87323D-05	-3.88577D-05	1.68646D-04
192	9.90266D-04	-1.34145D-03	-5.35820D-03	2.72497D-05	-4.01131D-05	1.94603D-04
193	-1.34778D-03	-3.74320D-03	-5.29781D-0	7.40892D-05	-4.42943D-05	1.99235D-04
194	8.96781D-04	-7.74301D-03	-2.38751D-03	-1.21406D-04	-4.31107D-06	-2.94520D-05
195	3.54221D-04	-2.32144D-03	-1.05530D-03	-1.00559D-04	-1.86400D-06	-2.73933D-05
196	-1.18081D-02	-1.88422D-03	-2.66789D-03	-3.31319D-04	-6.59786D-05	9.17613D-06
197	-1.19160D-02	-1.87171D-03	-8.49378D-03	-3.46533D-04	-6.62171D-05	7.47979D-06
198	-1.13189D-02	-4.63171D-03	-4.94365D-03	-3.62286D-04	-6.61347D-05	7.53681D-06
199	-1.03669D-02	-2.49459D-02	-3.16981D-03	-4.78085D-04	9.58509D-05	9.90733D-05
200	-1.08454D-02	-2.87828D-02	-1.58897D-03	-4.12608D-04	8.77965D-05	5.51193D-05
201	-1.07633D-02	-2.87846D-02	-2.65395D-04	-3.91301D-04	8.13643D-05	7.98951D-06
202	-1.07656D-02	-2.87857D-02	5.32121D-04	-3.85084D-04	7.73577D-05	-8.15984D-07
203	-1.08226D-02	-2.93159D-02	2.33856D-03	-3.87824D-04	6.80439D-05	3.55545D-05
204	-1.09763D-02	-3.04326D-02	2.82276D-03	-3.69248D-04	6.46088D-05	7.96958D-06
205	-1.11105D-02	-3.10995D-02	3.24577D-03	-3.61490D-04	6.81306D-05	1.14571D-05
206	-1.12932D-02	-3.10924D-02	-1.04143D-04	-3.32196D-04	7.99568D-05	-3.35327D-05
207	-1.20965D-02	-2.83270D-02	2.55612D-03	-1.50970D-04	6.50123D-05	-2.62864D-04
208	-1.35476D-02	-1.53366D-07	7.39291D-03	2.85081D-05	3.36789D-05	1.41465D-04
209	1.23750D-02	-4.04386D-03	-3.67988D-03	-1.23461D-05	4.17981D-05	-5.04747D-05
210	1.20562D-02	-4.29803D-03	-3.90207D-03	1.77552D-06	4.20428D-05	-4.71097D-05
211	1.31038D-02	-4.15813D-03	-3.88617D-03	2.06578D-06	4.20428D-05	-4.78276D-05
212	1.17360D-02	-4.34368D-03	-4.12483D-03	1.62685D-05	4.21388D-05	-4.26863D-05
213	1.02044D-02	-1.44494D-07	-4.73441D-03	1.47120D-04	3.53787D-05	-2.06534D-05
214	1.26349D-02	-1.35253D-07	6.88718D-03	-7.01539D-05	4.92037D-05	-3.03752D-04
215	3.87501D-03	-1.13117D-02	1.84740D-03	2.87493D-04	-1.92343D-05	-3.91569D-04
216	4.09290D-03	-4.52169D-03	1.51521D-03	2.36316D-04	-3.49530D-05	-3.48448D-04
217	4.10168D-03	-1.30475D-02	2.16625D-03	2.34574D-04	-3.03552D-05	-4.26650D-04
218	-2.18384D-03	-2.07823D-02	-7.81021D-09	6.28058D-05	-9.52832D-05	-9.07506D-05
219	-3.28070D-03	-2.10385D-02	-2.29932D-03	1.28924D-06	-6.41626D-05	3.93099D-05
220	-3.20066D-03	-2.10398D-02	-2.30135D-03	1.01085D-06	-6.39674D-05	3.97353D-05
221	-3.17750D-03	-2.08309D-02	-1.95426D-03	1.00442D-06	-6.39674D-05	3.95650D-05
222	-3.11967D-03	-2.10406D-02	-2.30283D-03	7.42429D-07	-6.37722D-05	4.02669D-05
223	-2.32495D-03	-2.10616D-02	-2.24215D-03	-7.06401D-06	-5.75481D-05	5.44848D-05
224	-2.21463D-03	-2.10623D-02	-2.22758D-03	-7.28525D-06	-5.73529D-05	5.48450D-05
225	-2.18889D-03	-2.07730D-02	-1.91420D-03	-7.29168D-06	-5.73529D-05	5.46747D-05
226	-2.10348D-03	-2.10624D-02	-2.21248D-03	-7.49652D-06	-5.71577D-05	5.53114D-05
227	9.27788D-05	-9.81110D-03	-3.38996 -04	-6.46033D-05	-1.20895D-05	2.15778D-04
228	4.08573D-03	-5.37992D-07	9.74468D-04	2.14418D-04	-4.05813D-05	-2.16785D-04
229	3.27036D-03	1.10393D-03	-5.45308D-04	1.68522D-04	-3.96284D-05	-1.23551D-04
230	2.78470D-03	1.08597D-03	-1.17711D-03	1.48759D-04	-3.74817D-05	-1.18886D-04
231	2.54329D-08	-2.09180D-03	2.40345D-09	2.43155D-05	-1.08588D-04	1.22639D-04
232	-1.46780D-03	-2.40886D-03	-2.05665D-03	3.69389D-05	-5.34962D-05	-4.61885D-05
233	-1.37516D-03	-2.40818D-03	-1.98267D-03	3.74214D-05	-5.33867D-05	-4.61417D-05
234	-1.67703D-03	-2.60695D-03	-2.00602D-03	3.75918D-05	-5.33867D-05	-4.61338D-05
235	-1.28261D-03	-2.40703D-03	-1.90783D-03	3.77858D-05	-5.32773D-05	-4.60946D-05
236	3.98419D-11	6.94569D-04	-1.72172D-09	-6.82371D-05	2.02774D-05	9.63062D-05
237	9.75565D-05	6.91761D-04	6.74547D-05	-6.74498D-05	2.08140D-05	9.91154D-05
238	7.02993D-04	6.87085D-04	4.68785D-04	-6.65809D-05	2.15065D-05	1.02798D-04

239	7.02993D-04	2.44958D-06	6.04275D-04	-6.65809D-05	2.15065D-05	1.06902D-04
240	1.30738D-03	6.86141D-04	8.65656D-04	-6.59636D-05	2.21989D-05	9.87657D-05
241	3.57695D-05	-6.64456D-04	2.76679D-05	5.93143D-06	5.40738D-06	-9.67798D-06
242	1.77700D-06	-6.67057D-04	-6.14617D-07	-5.44260D-06	1.35347D-06	-2.14808D-06
243	1.64082D-06	-6.23660D-04	7.80335D-06	1.10710D-05	7.61800D-07	-8.15799D-06
244	3.44733D-07	-4.30037D-04	-2.81623D-07	-3.11975D-05	-5.06788D-08	5.81699D-06
245	1.19284D-07	-2.39787D-04	-1.93366D-07	-2.97732D-05	-3.04388D-08	4.17847D-06
246	-2.62050D-05	-2.43650D-04	-1.87765D-04	-2.97732D-05	-3.04388D-08	4.17847D-06
247	-2.45337D-09	-5.37996D-05	-1.05109D-07	-2.21528D-05	-1.61081D-08	2.53995D-06
248	5.30885D-06	-3.83196D-04	6.78475D-07	2.73932D-05	3.59388D-07	-5.62628D-06
249	2.81256D-06	-2.16439D-04	4.65850D-07	2.63937D-05	3.65405D-07	-4.04148D-06
250	2.82739D-05	-2.20302D-04	1.66746D-04	2.63937D-05	3.65405D-07	-4.04148D-06
251	5.98911D-07	-4.94731D-05	2.53225D-07	1.98388D-05	2.65173D-07	-2.45667D-06
252	-1.07116D-02	-8.46104D-03	-4.75060D-03	-4.40948D-04	-6.10947D-05	1.69365D-05

S T A T I C A N A L Y S I S

LOAD CASE 2

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-9.58517D-02	-7.69543D-02	-2.05650D-01	-7.13367D-04	2.21732D-04	1.02564D-03
3	-9.99314D-02	-5.06876D-02	-2.34159D-01	8.55149D-04	-1.48695D-03	4.90839D-05
4	-1.01142D-01	-1.07288D-02	-2.17352D-01	9.14324D-04	-1.87318D-03	2.33674D-05
5	-7.80398D-02	2.27839D-02	-1.96448D-01	1.13680D-03	-2.52351D-03	-8.10322D-04
6	2.38563D-02	1.77267D-02	-1.34356D-01	1.13820D-03	-4.10286D-03	-1.62665D-03
7	2.32472D-01	-2.41458D-02	9.35795D-03	1.09313D-03	-4.47723D-03	-1.35110D-03
8	7.60753D-01	-4.72552D-02	2.66493D-01	9.71880D-04	-3.67329D-03	-6.60898D-04
9	1.16305D+00	-7.41502D-03	3.11442D-01	7.52786D-04	-1.70788D-03	-1.13968D-04
10	1.21185D+00	-1.97978D-07	3.03580D-01	5.98781D-04	-1.47727D-03	-1.19879D-04
11	1.34913D+00	9.29019D-03	8.43427D-02	-1.18085D-04	1.04004D-03	-8.13929D-05
12	1.25343D+00	3.75299D-08	-6.78573D-02	-1.26102D-04	1.69072D-03	-6.08137D-05
13	1.16508D+00	-1.04821D-03	-6.84090D-02	-8.01120D-05	2.48275D-03	-5.92347D-05
14	8.22216D-01	1.68788D-03	4.12035D-01	7.47235D-05	3.54718D-03	8.96363D-05
15	5.40149D-01	1.29049D-02	2.42952D-01	2.19305D-04	3.85796D-03	3.82274D-04
16	4.10508D-01	8.38226D-03	2.80252D-01	2.98198D-04	4.04345D-03	5.36520D-04
17	2.02715D-01	-5.20248D-02	6.49614D-01	5.21871D-04	3.70751D-03	7.01531D-04
18	1.91177D-01	-6.58933D-02	7.16254D-01	5.62957D-04	3.37809D-03	7.02724D-04
19	2.03729D-01	-8.08445D-02	7.80942D-01	5.91252D-04	3.20957D-03	6.85910D-04
20	1.89600D-01	-9.45471D-02	8.39272D-01	6.10921D-04	2.79682D-03	6.50723D-04
21	6.86640D-02	-1.26902D-01	9.71210D-01	6.77795D-04	1.99240D-03	5.13162D-04
22	7.33949D-03	-8.70461D-02	9.99625D-01	5.35442D-04	8.51961D-04	1.14966D-04
23	3.00000D-04	-7.70000D-03	9.89900D-01	4.60011D-04	-9.93972D-06	1.59333D-08
25	3.69208D-02	-7.03963D-02	-2.03145D-01	-1.14915D-03	3.87133D-04	-2.00890D-04
26	4.73560D-02	-4.91966D-02	-2.73194D-01	-8.68330D-04	1.75237D-04	-2.47934D-04
27	4.99846D-02	-2.47595D-02	-2.82604D-01	-8.32129D-04	1.35408D-04	-2.55139D-04
28	1.04777D-01	1.21566D-02	-2.87018D-01	-3.41661D-05	-6.26081D-04	-4.46386D-04
29	1.29247D-01	7.09168D-03	-2.79956D-01	2.81766D-05	-6.68474D-04	-4.15366D-04
30	7.20172D-01	3.78536D-03	2.99924D-01	-1.53557D-06	-4.00945D-03	4.18003D-06
31	1.58372D+00	-3.54887D-05	8.47366D-01	-1.01454D-05	4.93203D-04	6.03548D-06
32	1.66726D+00	1.33242D-04	6.33633D-01	1.06994D-06	1.50561D-03	2.15042D-05
33	1.60860D+00	3.52451D-04	5.71316D-01	1.17604D-05	2.42418D-03	3.49690D-05
34	1.20593D+00	-2.65420D-03	6.27077D-01	2.76286D-05	3.30514D-03	7.33309D-05
35	1.14199D+00	-2.65485D-03	6.14688D-01	3.50267D-05	3.43861D-03	7.58799D-05
36	-1.26905D-02	-1.00602D-02	-7.55716D-02	1.08778D-03	-3.76044D-03	-1.78065D-03
37	-9.31930D-03	-5.60917D-03	-3.79188D-02	4.25335D-04	-2.60334D-03	-2.28864D-03
38	1.73595D-01	2.50261D-01	-3.38798D-02	-2.80176D-04	-2.23322D-04	-2.82888D-04
39	1.18956D-01	2.18823D-01	-1.51966D-02	-1.02662D-03	2.01673D-04	1.36904D-03
40	1.32553D-01	2.01477D-01	-3.80219D-03	-1.24662D-03	-1.51289D-05	2.18847D-03
41	1.48091D-01	1.98248D-01	5.12080D-03	-1.29550D-03	-1.14638D-04	2.22447D-03
42	1.73217D-01	1.78917D-01	1.47136D-02	-1.86042D-03	-6.37985D-04	2.84749D-03
43	1.84517D-01	1.47892D-01	7.15714D-03	-1.87857D-03	-6.94527D-04	2.54110D-03
44	1.86223D-01	1.09706D-01	-2.10091D-03	-1.64524D-03	-4.30626D-04	2.33158D-03
45	9.67951D-02	-5.53312D-02	6.55534D-02	-3.06278D-04	1.09143D-03	-4.12978D-04
46	9.51590D-02	-5.42217D-02	6.82692D-02	-2.75579D-04	1.10381D-03	-5.11988D-04
47	-1.32008D-01	-3.67584D-02	2.20769D-01	1.05586D-03	-4.45944D-04	5.27757D-04
48	-1.32358D-01	-3.50980D-02	2.14646D-01	1.12719D-03	-7.69901D-04	4.02422D-04
49	-5.88380D-02	6.53124D-02	4.67439D-02	8.84156D-04	-1.01810D-03	2.82398D-04
50	-4.12201D-02	7.86495D-02	3.65760D-02	3.48855D-04	-4.93838D-04	3.23970D-04
51	-3.72091D-02	8.14779D-02	3.69431D-02	3.21801D-04	-4.68356D-04	3.34463D-04
52	-2.78368D-02	7.94356D-02	3.26117D-02	1.31906D-05	-3.17339D-05	4.43989D-06
53	-2.78000D-02	7.76000D-02	3.26000D-02	1.43968D-09	-2.75014D-09	5.88103D-10
54	5.81358D-02	2.83123D-01	3.11347D-02	3.28828D-03	5.16628D-04	1.34486D-03

55	4.84350D-02	4.03841D-01	-1.28188D-02	2.87594D-03	8.12209D-04	1.79832D-03
56	3.11676D-02	4.18185D-01	-8.13198D-03	1.93664D-03	1.83389D-03	2.49044D-03
57	-1.42345D-01	-8.79290D-03	2.55014D-01	6.21679D-04	6.91946D-04	1.92099D-03
58	-1.36089D-01	-2.38794D-02	2.48156D-01	1.03457D-03	-2.31904D-05	8.13318D-04
59	-1.24937D-01	-3.18877D-02	2.31934D-01	1.03733D-03	-3.45110D-04	5.84101D-04
60	1.16308D+00	4.14929D-02	3.31263D-01	9.09464D-04	-9.87543D-04	-5.94827D-05
61	1.18038D+00	7.37112D-02	3.09292D-01	-6.59115D-04	7.99668D-04	-5.55016D-04
62	1.15589D+00	-6.24823D-03	1.50626D-01	-1.33509D-04	5.40220D-04	-1.59736D-03
63	1.16795D+00	-2.18654D-02	1.65532D-1	8.23167D-04	-2.76821D-03	-1.22640D-03
64	1.20162D+00	-9.62298D-02	3.90943D-01	2.73055D-03	-2.59028D-03	-3.78568D-04
65	1.16832D+00	-6.88260D-02	4.49679D-01	2.77407D-03	-1.42020D-04	4.18296D-03
66	1.03625D+00	-5.51864D-02	5.36129D-01	2.81208D-03	1.19959D-03	4.40565D-03
67	9.35594D-01	-4.91587D-03	5.35404D-01	-4.79645D-04	4.58545D-03	4.20734D-03
68	1.84207D-01	1.15312D-01	1.55564D-02	-1.32722D-03	4.73214D-03	2.60780D-03
69	1.56355D-01	1.10285D-01	3.83225D-03	-1.35576D-03	2.85327D-03	2.54128D-03
70	7.36241D-02	5.74418D-02	-1.42062D-02	-1.25375D-03	9.81646D-04	2.29113D-03
71	8.99958D-02	9.55266D-02	-1.96909D-02	-1.42440D-03	1.39068D-04	6.12492D-04
72	9.02574D-02	9.02194D-02	-4.68783D-03	-7.55115D-04	2.78730D-04	-8.23044D-04
73	-4.35431D-02	3.78680D-02	1.76612D-02	1.03405D-04	3.51417D-04	-1.27016D-03
74	-5.10264D-02	1.64259D-02	1.03587D-02	2.43094D-05	4.15194D-04	-3.66490D-04
76	5.87267D-02	-2.04654D-02	7.91126D-03	-1.11980D-03	4.92481D-04	2.54636D-03
77	4.66974D-02	-8.91798D-02	1.69486D-02	-1.03950D-03	2.80707D-04	2.65739D-03
78	3.22285D-03	-1.24051D-01	1.53323D-03	-4.97510D-04	1.03768D-04	1.06346D-03
79	-5.18104D-03	-4.49685D-03	1.53511D-02	1.54339D-04	-1.51387D-04	-3.61354D-04
80	-1.30141D-04	9.44350D-04	5.96274D-03	-6.66363D-05	-7.61205D-06	-4.73674D-05
82	-5.34956D-03	-7.94067D-02	-7.38634D-03	5.52499D-04	3.54003D-04	-2.07019D-04
83	4.11430D-03	-6.70354D-02	-1.46805D-02	1.40542D-03	2.12386D-04	3.43300D-03
84	1.02790D-02	3.69042D-03	-2.15334D-03	1.15661D-03	3.12825D-04	3.57354D-03
85	2.18058D-02	1.69531D-02	-2.70220D-02	-1.86436D-04	5.13875D-04	3.97853D-04
86	1.54348D-03	-4.43674D-03	-6.90626D-04	-4.23933D-04	1.27034D-03	-4.02685D-04
87	6.24641D-03	-5.05341D-03	-8.83347D-03	-4.97668D-04	2.54438D-04	1.77089D-05
88	5.94415D-03	-3.05780D-03	-6.79431D-03	-2.67782D-04	-4.24614D-04	-4.89514D-06
90	-3.56293D-03	-1.48771D-03	8.37337D-03	-1.48005D-04	4.82243D-04	-2.60550D-04
91	-4.25297D-03	-1.13007D-03	6.77701D-03	6.25625D-05	-2.80304D-04	-1.65744D-04
93	-2.68777D-02	-1.24760D-02	-6.78014D-02	-5.51034D-04	3.94575D-04	4.18207D-04
94	-7.73706D-02	-5.64413D-02	-1.64624D-01	-8.03987D-04	4.12205D-04	8.84060D-04
95	-1.88963D-02	2.77969D-02	-1.62059D-01	1.17729D-03	-3.97755D-03	-1.62107D-03
96	9.67316D-04	8.28185D-04	-9.82137D-02	1.11691D-03	-3.88462D-03	-1.72578D-03
97	6.72408D-02	7.65555D-03	-1.05475D-01	1.11434D-03	-4.22334D-03	-1.59461D-03
98	1.01664D-01	3.31178D-07	-8.20865D-02	1.10664D-03	-4.30233D-03	-1.54914D-03
99	9.34145D-01	-3.51128D-02	3.02220D-01	8.99990D-04	-3.02465D-03	-4.37698D-04
100	1.03137D+00	-2.53375D-02	3.13523D-01	8.47168D-04	-2.55084D-03	-3.06320D-04
101	1.13155D+00	-1.23129D-02	3.14441D-01	7.78543D-04	-1.93756D-03	-1.62157D-04
102	1.19322D+00	-2.63874D-03	3.06988D-01	6.61785D-04	-1.57110D-03	-1.14463D-04
103	1.16323D+00	1.50937D-02	3.20125D-01	8.62896D-04	-1.37636D-03	-4.24151D-05
104	1.33961D+00	8.18239D-03	6.57123D-02	-1.32483D-04	1.24817D-03	-7.44538D-05
105	1.31216D+00	5.30937D-03	1.89619D-02	-1.36778D-04	1.37046D-03	-7.05019D-05
106	1.31905D+00	6.47177D-02	1.22195D-02	-1.36778D-04	1.37046D-03	-7.05019D-05
107	1.28208D+00	2.40474D-03	-2.77886D-02	-1.35492D-04	1.49814D-03	-6.65501D-05
108	1.14727D+00	-5.82814D-04	-4.81821D-02	-7.07107D-05	2.56570D-03	-5.90774D-05
109	1.12931D+00	-8.88689D-04	-6.37697D-02	-2.11202D-05	2.56570D-03	-5.90774D-05
110	1.12162D+00	-9.20570D-04	-7.04501D-02	-3.12433D-06	2.56570D-03	-5.90774D-05
111	1.10943D+00	-8.68963D-04	-8.10274D-02	2.13723D-05	2.56570D-03	-5.90774D-05
112	1.09403D+00	-6.97168D-04	-9.43802D-02	3.35830D-05	2.56570D-03	-5.90774D-05
113	1.08795D+00	5.95763D-02	-9.27219D-02	3.35830D-05	2.56570D-03	-5.90774D-05
114	1.07864D+00	-4.64071D-04	-1.07749D-01	4.18065D-05	2.56570D-03	-5.90774D-05
115	1.07191D+00	-3.44472D-04	-1.13594D-01	4.64022D-05	2.56570D-03	-5.90774D-05
116	1.06325D+00	-1.76411D-04	-1.21110D-01	5.01123D-05	2.56570D-03	-5.90774D-05
117	1.05459D+00	-2.96227D-09	-1.28625D-01	5.13490D-05	2.56570D-03	-5.90774D-05
118	1.06309D+00	-6.02176D-03	-1.21241D-01	5.01123D-05	2.56570D-03	-5.90774D-05

119	1.03502D+00	3.91533D-04	-1.45605D-01	5.13490D-05	2.56570D-03	-5.90774D-05
120	1.06277D+00	-1.79908D-02	-1.21511D-01	5.01123D-05	2.56570D-03	-5.90774D-05
121	1.05597D+00	-2.66294D-02	-1.27413D-01	5.01123D-05	2.56570D-03	-5.90774D-05
122	1.12501D+00	9.54685D-08	-2.19812D-02	-5.94193D-05	2.66597D-03	-5.97415D-05
123	1.08271D+00	1.17397D-03	3.04791D-02	-3.79656D-05	2.84601D-03	-5.80578D-05
124	9.75841D-01	3.33193D-03	1.77076D-01	1.62333D-05	3.23974D-03	-1.91016D-05
125	9.53577D-01	3.47521D-03	2.09871D-01	2.75248D-05	3.31074D-03	-4.72716D-06
126	9.06821D-01	3.38987D-03	2.80326D-01	4.15264D-05	3.39149D-03	1.72455D-05
127	8.98729D-01	6.30502D-02	2.76426D-01	4.15264D-05	3.39149D-03	1.72455D-05
128	8.60065D-01	2.78410D-03	3.52372D-01	5.55281D-05	3.46233D-03	4.48379D-05
129	8.46707D-01	2.48357D-03	3.73264D-01	6.23029D-05	3.49353D-03	5.99369D-05
130	8.61268D-01	9.49625D-04	4.36516D-01	6.41844D-05	3.54507D-03	8.75873D-05
131	7.82901D-01	2.62811D-03	3.87563D-01	9.60030D-05	3.59757D-03	1.31992D-04
132	3.77102D-01	-1.15948D-07	3.41126D-01	3.34157D-04	4.04845D-03	5.81372D-04
133	1.55521D-01	-1.04369D-01	8.80754D-01	6.29766D-04	2.60012D-03	6.23775D-04
134	9.21512D-01	-5.13973D-08	4.74351D-01	5.27978D-05	3.53329D-03	8.44208D-05
135	9.74435D-01	-7.32802D-04	5.07734D-01	4.57804D-05	3.51431D-03	8.16267D-05
136	1.04806D+00	-1.63402D-03	5.54476D-01	4.07809D-05	3.49064D-03	7.93170D-05
137	1.04795D+00	5.77418D-02	5.64661D-01	4.07809D-05	3.49064D-03	7.93170D-05
138	1.12110D+00	-2.44007D-03	6.01219D-01	3.67164D-05	3.45764D-03	7.70072D-05
139	1.36835D+00	-1.28533D-03	5.97852D-01	1.83920D-05	3.06664D-03	6.16498D-05
140	1.54155D+00	-3.12101D-08	5.75786D-01	1.34144D-05	2.64544D-03	4.28920D-05
141	1.58198D+00	2.20718D-04	5.72739D-01	1.25711D-05	2.51654D-03	3.78637D-05
142	1.58055D+00	3.79400D-04	5.49259D-01	-4.29662D-06	2.51654D-03	2.09950D-05
143	1.57993D+00	3.99679D-04	5.39199D-01	-1.04165D-05	2.51654D-03	1.48748D-05
144	1.57896D+00	3.82688D-04	5.23266D-01	-1.87488D-05	2.51654D-03	6.54182D-06
145	1.57773D+00	3.09937D-04	5.03140D-01	-2.29020D-05	2.51654D-03	2.38820D-06
146	1.57459D+00	6.04067D-02	5.00084D-01	-2.29020D-05	2.51654D-03	2.38820D-06
147	1.57651D+00	2.07722D-04	4.83016D-01	-2.56987D-05	2.51654D-03	-4.08516D-07
148	1.57597D+00	1.54527D-04	4.74212D-01	-2.72615D-05	2.51654D-03	-1.97129D-06
149	1.57528D+00	7.92709D-05	4.62895D-01	-2.85229D-05	2.51654D-03	-3.23276D-06
150	1.57458D+00	1.42496D-09	4.51577D-01	-2.89434D-05	2.51654D-03	-3.65325D-06
151	1.57527D+00	-5.76608D-03	4.62969D-01	-2.85229D-05	2.51654D-03	-3.23276D-06
152	1.57302D+00	-1.75760D-04	4.26001D-01	-2.89434D-05	2.51654D-03	-3.65325D-06
153	1.57525D+00	-1.77351D-02	4.63123D-01	-2.85229D-05	2.51654D-03	-3.23276D-06
154	1.57471D+00	-2.65596D-02	4.54640D-01	-2.85229D-05	2.51654D-03	-3.23276D-06
155	1.66230D+00	3.58573D-08	6.56998D-01	-1.32071D-06	1.39039D-03	1.86560D-05
156	1.63251D+00	-1.76323D-04	7.49951D-01	-9.44585D-06	9.08832D-04	8.54800D-06
157	1.61161D+00	-1.33177D-04	7.94725D-01	-1.05607D-05	7.64276D-04	6.83118D-06
158	1.61618D+00	5.94614D-02	7.96770D-01	-1.05607D-05	7.64276D-04	6.83118D-06
159	1.58903D+00	-5.64728D-05	8.38706D-01	-1.06524D-05	6.21738D-04	6.11380D-06
160	1.57138D+00	-2.20915D-08	8.63994D-01	-8.45064D-06	2.29781D-04	6.52283D-06
161	1.41840D+00	-3.15196D-04	9.20516D-01	1.00423D-06	-1.61549D-03	5.17860D-06
162	1.16387D+00	1.46108D-08	8.23661D-01	-3.41373D-06	-3.22973D-03	-1.91024D-05
163	1.11022D+00	3.86695D-04	7.84972D-01	-5.38935D-06	-3.46503D-03	-2.55050D-05
164	1.07299D+00	7.14941D-04	7.54598D-01	-6.36908D-06	-3.61008D-03	-2.87421D-05
165	8.77811D-01	2.80390D-03	5.44649D-01	-6.80976D-06	-4.10105D-03	-2.79290D-05
166	1.71434D-01	2.34677D-01	-3.19395D-02	-2.73898D-04	-2.49131D-04	-3.29243D-04
167	1.75590D-01	2.72655D-01	-3.65898D-02	-2.80176D-04	-2.23322D-04	-2.82888D-04
168	1.55822D-01	2.52718D-01	-3.18340D-02	-2.93053D-04	-2.00937D-04	-2.29071D-04
169	1.38671D-01	2.53494D-01	-2.94753D-02	-4.25287D-04	2.84566D-06	2.28654D-04
170	1.23719D-01	2.31521D-01	-1.92013D-02	-8.61326D-04	2.51711D-04	1.16714D-03
171	1.27585D-01	2.30000D-01	-1.63486D-02	-8.61326D-04	2.51711D-04	1.16714D-03
172	1.30722D-01	2.28765D-01	-1.40333D-02	-8.61326D-04	2.51711D-04	1.16714D-03
173	1.36704D-01	2.26410D-01	-9.61902D-03	-8.61326D-04	2.51711D-04	1.16714D-03
174	1.44582D-01	2.23309D-01	-3.80507D-03	-8.61326D-04	2.51711D-04	1.16714D-03
175	1.21353D-01	2.25416D-01	-1.71256D-02	-9.42592D-04	2.34808D-04	1.27460D-03
176	1.39181D-01	2.00093D-01	-3.39328D-08	-1.26830D-03	-5.77757D-05	2.20651D-03
177	1.62020D-01	3.91004D-08	-1.70050D-02	-1.28286D-03	-1.00543D-04	1.62111D-03
178	1.28986D-01	-6.41907D-02	1.76750D-08	-7.88252D-04	6.27971D-04	2.71600D-04

179	1.49453D-02	-1.28709D-08	1.64305D-01	1.79571D-04	1.00885D-03	-3.28630D-04
180	-6.92247D-02	2.36711D-03	2.42107D-01	5.60988D-04	4.82193D-04	4.09296D-04
181	-7.49460D-02	-3.83459D-05	2.45112D-01	5.98846D-04	4.21022D-04	4.43367D-04
182	-1.19649D-01	-2.78794D-02	2.38935D-01	1.02382D-03	-3.20164D-04	5.85649D-04
183	-1.22051D-01	-2.96995D-02	2.35819D-01	1.02986D-03	-3.31283D-04	5.85137D-04
184	-1.29761D-01	-2.84498D-02	2.39663D-01	1.03155D-03	-1.92997D-04	6.95885D-04
185	-1.27758D-01	-3.39344D-02	2.27849D-01	1.04501D-03	-3.83082D-04	5.60645D-04
186	-1.01311D-01	1.48351D-02	1.38084D-01	1.08799D-03	-1.02595D-03	2.77216D-04
187	-9.62705D-02	2.15502D-02	1.27106D-01	1.07224D-03	-1.04106D-03	2.69918D-04
188	-9.14475D-02	2.77671D-02	1.16725D-01	1.05523D-03	-1.05121D-03	2.65061D-04
189	-3.92172D-02	8.00593D-02	3.67611D-02	3.35556D-04	-4.81665D-04	3.29295D-04
190	5.33301D-01	-6.70731D-08	2.87663D-07	7.86047D-06	-2.90169D-03	9.74480D-05
191	1.68178D-01	3.11107D-07	-2.67658D-01	2.62191D-05	-7.61652D-04	-3.31805D-04
192	1.53718D-01	2.45770D-03	-2.72418D-01	2.69462D-05	-7.24006D-04	-3.70636D-04
193	1.32325D-01	2.79607D-02	-2.76636D-01	6.34325D-04	-5.74465D-04	-2.45298D-04
194	3.06157D-02	-5.04772D-02	-1.64441D-01	-1.07265D-03	3.81777D-04	-2.08217D-04
195	1.68427D-02	-1.18466D-02	-7.08217D-02	-6.18334D-04	2.38477D-04	-1.36706D-04
196	6.75063D-02	2.67537D-01	8.02324D-03	3.30511D-03	5.04755D-04	1.33156D-03
197	4.47467D-02	3.06720D-01	6.31612D-02	3.28828D-03	5.16628D-04	1.34486D-03
198	5.93914D-02	3.12233D-01	1.23145D-02	3.26407D-03	5.28210D-04	1.36666D-03
199	2.22801D-02	4.01285D-01	6.81237D-03	1.83961D-03	1.87718D-03	2.58184D-03
200	4.42895D-03	3.64619D-01	3.69644D-02	1.65603D-03	1.89691D-03	2.73021D-03
201	1.35846D-02	3.63098D-01	3.15477D-02	1.61942D-03	1.91184D-03	2.78853D-03
202	1.93663D-02	3.62150D-01	2.82266D-02	1.60347D-03	1.92113D-03	2.80964D-03
203	2.66249D-02	3.51384D-01	2.87310D-02	1.58049D-03	1.94188D-03	2.81196D-03
204	1.88141D-02	3.34218D-01	4.21146D-02	1.56380D-03	1.94556D-03	2.78065D-03
205	1.20231D-02	3.19434D-01	5.37294D-02	1.54972D-03	1.93020D-03	2.75188D-03
206	-1.39470D-02	3.23741D-01	6.80399D-02	1.48284D-03	1.88685D-03	2.83362D-03
207	-5.14954D-02	2.32489D-01	1.30541D-01	1.16866D-03	1.76763D-03	2.89597D-03
208	-1.38940D-01	2.77468D-08	2.52061D-01	6.37087D-04	7.67493D-04	2.00159D-03
209	1.17911D+00	5.66626D-02	2.64750D-01	-6.90212D-04	1.04970D-03	-8.99446D-04
210	1.17771D+00	4.77837D-02	2.42602D-01	-6.86859D-04	1.06267D-03	-9.31487D-04
211	1.19971D+00	9.51748D-02	2.27714D-01	-6.86859D-04	1.06267D-03	-9.31487D-04
212	1.17624D+00	3.88454D-02	2.20422D-01	-6.79247D-04	1.06763D-03	-9.61808D-04
213	1.15935D+00	-3.91277D-08	1.55832D-01	-2.62579D-04	6.99092D-04	-1.51241D-03
214	9.24176D-01	1.21346D-07	5.27263D-01	-5.13657D-04	4.67176D-03	4.16770D-03
215	8.61262D-02	6.95864D-02	-9.92001D-03	-1.29006D-03	1.53444D-03	2.35057D-03
216	6.89687D-02	3.40299D-02	-5.55837D-03	-1.21189D-03	8.01480D-04	2.37865D-03
217	7.81973D-02	7.97711D-02	-2.27124D-02	-1.26405D-03	8.48960D-04	2.17248D-03
218	8.50752D-02	8.74642D-02	-5.58301D-07	-6.84343D-04	2.82768D-04	-8.81875D-04
219	-7.32577D-03	5.07271D-02	2.00221D-02	4.02206D-05	3.36607D-04	-1.28951D-03
220	-9.91080D-03	4.98084D-02	1.99335D-02	4.24321D-05	3.36945D-04	-1.28981D-03
221	-7.82061D-03	4.26940D-02	1.79987D-02	4.24321D-05	3.36945D-04	-1.28981D-03
222	-1.24963D-02	4.88897D-02	1.98406D-02	4.45298D-05	3.37282D-04	-1.29000D-03
223	-3.32714D-02	4.15423D-02	1.85043D-02	9.50847D-05	3.48050D-04	-1.28040D-03
224	-3.58372D-02	4.06236D-02	1.83072D-02	9.61580D-05	3.48388D-04	-1.27960D-03
225	-3.37467D-02	3.35756D-02	1.62962D-02	9.61580D-05	3.48388D-04	-1.27960D-03
226	-3.84012D-02	3.97048D-02	1.81080D-02	9.71176D-05	3.48725D-04	-1.27870D-03
227	-3.20681D-02	6.79486D-03	2.82380D-03	1.22050D-05	3.49142D-04	-2.29588D-04
228	6.24799D-02	-1.02498D-07	3.75072D-03	-1.15355D-03	5.91770D-04	2.49068D-03
229	7.28395D-02	-2.33063D-02	1.43869D-02	-9.21111D-04	4.85280D-04	1.92058D-03
230	7.97221D-02	-2.50887D-02	1.78185D-02	-8.02821D-04	4.80761D-04	1.55482D-03
231	2.67118D-07	-1.22693D-01	2.18438D-07	-4.76294D-04	1.00836D-04	1.02746D-03
232	-8.33386D-03	-8.36505D-03	1.39404D-02	1.68310D-04	-1.46006D-04	-3.70463D-04
233	-7.59079D-03	-7.44971D-03	1.42779D-02	1.67123D-04	-1.46497D-04	-3.69755D-04
234	-8.59726D-03	-8.38420D-03	1.66924D-02	1.67123D-04	-1.46497D-04	-3.69755D-04
235	-6.84920D-03	-6.53438D-03	1.46129D-02	1.65897D-04	-1.46987D-04	-3.68992D-04
236	-1.54879D-08	-7.30489D-02	3.04500D-08	5.33137D-04	3.59178D-04	-5.04706D-04
237	-5.03439D-04	-7.34945D-02	-5.17120D-04	5.29602D-04	3.58048D-04	-4.53100D-04
238	-3.04269D-03	-7.62278D-02	-3.66922D-03	5.30435D-04	3.56591D-04	-3.77218D-04

239	-5.93699D-03	-7.38513D-02	-1.42270D-03	5.30435D-04	3.56591D-04	-3.77218D-04
240	-5.07883D-03	-7.89611D-02	-6.85405D-03	5.40510D-04	3.55133D-04	-2.85396D-04
241	3.55948D-03	-2.59855D-03	-2.68535D-03	-5.11579D-04	1.20533D-03	-5.20230D-04
242	3.34314D-03	-5.66310D-03	-6.16318D-03	-4.34398D-04	1.20592D-03	-2.64117D-04
243	-2.75531D-04	-2.65328D-03	4.96039D-03	-2.86322D-04	1.26082D-03	-3.93935D-04
244	5.39688D-03	-2.75890D-03	-6.35013D-03	-2.47103D-04	-4.28154D-04	-4.01794D-06
245	2.71367D-03	-1.32183D-03	-3.61924D-03	-2.04703D-04	-3.86880D-04	-2.88617D-06
246	2.73185D-03	1.57247D-03	-4.90887D-03	-2.04703D-04	-3.86880D-04	-2.88617D-06
247	5.13870D-04	-2.20006D-04	-8.88352D-04	-1.35353D-04	-2.67018D-04	-1.75441D-06
248	-3.86967D-03	-1.03242D-03	6.33505D-03	7.15162D-05	-2.93552D-04	-1.36043D-04
249	-1.97691D-03	-5.43194D-04	3.60923D-03	7.14596D-05	-2.74101D-04	-9.77227D-05
250	-1.36125D-03	2.35111D-03	4.05943D-03	7.14596D-05	-2.74101D-04	-9.77227D-05
251	-3.88784D-04	-1.14013D-04	8.82910D-04	5.15024D-05	-1.92003D-04	-5.94023D-05
252	5.78659D-02	3.46013D-01	-1.67696D-03	3.11060D-03	6.19951D-04	1.52020D-03

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
1	TANGENT	1	END-I	41.441	-1084.648	-14.663	2835.89	3511.09	-36282.82
			END-J	41.441	-711.944	-14.663	2835.89	3032.72	-6976.20
1	TANGENT	2	END-I	-3114.771	-3469.916	-3382.512	-71646.73	195804.09	-284877.49
			END-J	-3114.771	-3469.916	-3382.512	-71646.73	85450.70	-171672.56
2	TANGENT	1	END-I	41.441	-711.944	-14.663	2835.80	3032.72	-6976.23
			END-J	41.441	-163.587	-14.663	2835.80	2328.88	14036.70
2	TANGENT	2	END-I	-3114.815	-3469.916	-3382.472	-71648.93	85450.70	-171671.64
			END-J	-3114.815	-3469.916	-3382.472	-71648.93	-76909.50	-5114.06
3	TANGENT	1	END-I	41.442	-163.587	-14.659	2834.47	2328.88	14036.97
			END-J	41.442	64.893	-14.659	2834.47	2035.69	15023.90
3	TANGENT	2	END-I	-3114.496	-3469.916	-3382.765	-71648.45	-76909.50	-5120.81
			END-J	-3114.496	-3469.916	-3382.765	-71648.45	-144564.54	64277.24
4	BEND	1	END-I	41.441	64.893	-14.664	2836.24	2035.69	15023.57
			CENTER	162.525	103.920	-14.664	3384.85	-711.23	13973.23
			END-J	311.918	-41.439	-14.664	1830.41	-3041.53	13438.53
4	BEND	2	END-I	-3114.894	-3469.916	-3382.398	-71640.88	-144564.54	64285.68
			CENTER	-4656.164	-251.052	-3382.398	-166749.60	-85049.20	85863.44
			END-J	-3469.935	3114.874	-3382.398	-191918.26	24286.44	69256.24
5	TANGENT	1	END-I	311.918	-36.234	-24.889	1830.39	-6415.65	12193.63
			END-J	517.550	-36.234	-24.889	1830.39	-6863.65	12845.84
5	TANGENT	2	END-I	-3469.916	3884.105	-2461.080	-191918.11	5537.58	73182.30
			END-J	-3469.916	3884.105	-2461.080	-191918.11	-38761.86	3268.41
6	BEND	1	END-I	517.553	-4.632	43.684	1830.39	14564.30	-81.41
			CENTER	561.967	-237.790	43.678	7334.43	13106.22	881.62
			END-J	493.693	-500.250	43.673	11861.51	9652.76	3922.49
6	BEND	2	END-I	-3470.048	-4013.664	-2243.385	-191916.20	21331.47	32540.21
			CENTER	-4741.875	-2380.200	-2243.385	-172730.18	75122.55	59248.58
			END-J	-5291.785	-384.367	-2243.385	-134419.54	117476.75	70796.69
7	BEND	1	END-I	493.694	-500.245	43.714	11861.09	9652.87	3923.48
			CENTER	300.129	-736.678	43.714	14722.09	4730.35	9062.19
			END-J	-4.630	-888.091	43.714	15481.54	-912.32	15839.23
7	BEND	2	END-I	-5291.595	-384.415	-2243.824	-134426.48	117475.54	70785.53
			CENTER	-5035.907	1669.850	-2243.824	-82824.83	141943.85	65416.07
			END-J	-4013.550	3469.896	-2243.824	-25787.51	144802.56	43946.57
8	TANGENT	1	END-I	-4.636	888.091	-43.714	15481.21	912.40	-15839.55
			END-J	-4.636	1013.751	-43.714	15481.21	431.56	-26299.38

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
8	TANGENT	2	END-I	-4013.486	-3469.916	2243.907	-25787.68	-144802.69	-43946.04
			END-J	-4013.486	-3469.916	2243.907	-25787.68	-120120.42	-5778.05
9	TANGENT	1	END-I	-85.213	-1311.179	-59.867	-1043.29	1513.33	-22859.00
			END-J	-85.213	-1280.945	-59.867	-1043.29	952.08	-10708.41
9	TANGENT	2	END-I	118.885	-291.937	-252.182	-6082.63	18917.95	-3682.34
			END-J	118.885	-291.937	-252.182	-6082.63	16553.74	-945.43
10	TANGENT	1	END-I	-64.498	2324.930	41.503	-7377.73	-1081.77	-25254.67
			END-J	-64.498	2450.591	41.503	-7377.73	-625.25	-51519.29
10	TANGENT	2	END-I	-4265.675	-3177.979	2125.037	-29469.64	-139038.37	304.81
			END-J	-4265.675	-3177.979	2125.037	-29469.64	-115663.62	35261.58
11	TANGENT	1	END-I	-64.504	2450.591	41.493	-7369.67	-625.25	-51520.44
			END-J	-64.504	2549.109	41.493	-7369.67	-267.42	-73078.56
11	TANGENT	2	END-I	-4266.007	-3177.979	2124.370	-29475.15	-115663.62	35256.97
			END-J	-4266.007	-3177.979	2124.370	-29475.15	-97343.55	62663.11
12	TANGENT	1	END-I	-64.497	-1593.885	41.504	-7382.04	-267.42	-73077.31
			END-J	-64.497	-1225.701	41.504	-7382.04	1070.20	-27641.12
12	TANGENT	2	END-I	-4265.648	133.798	2125.092	-29464.55	-97343.55	62668.10
			END-J	-4265.648	133.798	2125.092	-29464.55	-28854.00	58355.93
13	BEND	1	END-I	-64.499	-41.500	-1225.701	-7380.57	27641.51	1070.20
			CENTER	-69.805	-31.775	-522.108	-7725.60	-25181.43	3330.62
			END-J	-73.655	-21.386	181.484	-12550.31	-34220.83	4970.55
13	BEND	2	END-I	-4265.760	-2124.866	133.798	-29467.64	-58354.37	-28854.00
			CENTER	-4527.390	-1488.122	133.798	-36972.79	-45288.32	82600.31
			END-J	-4694.553	-820.327	133.798	-42517.19	-31277.29	153811.87
14	TANGENT	1	END-I	-73.655	181.484	21.387	-12549.91	4970.55	34220.98
			END-J	-73.655	682.949	21.387	-12549.91	5909.36	15248.49
14	TANGENT	2	END-I	-4694.544	133.798	820.381	-42516.82	153811.87	31277.79
			END-J	-4694.544	133.798	820.381	-42516.82	189823.14	25404.63
15	TANGENT	1	END-I	-73.655	682.949	21.387	-12549.91	5909.36	15248.49
			END-J	-73.655	995.971	21.387	-12549.91	6495.37	-7753.05
15	TANGENT	2	END-I	-4694.544	133.798	820.381	-42516.82	189823.14	25404.63
			END-J	-4694.544	133.798	820.381	-42516.82	212301.91	21738.51
16	TANGENT	1	END-I	-73.655	995.971	21.387	-12549.91	6495.37	-7753.05
			END-J	-73.655	1357.574	21.387	-12549.91	7172.34	-45001.35
16	TANGENT	2	END-I	-4694.544	133.798	820.381	-42516.82	212301.91	21738.51
			END-J	-4694.544	133.798	820.381	-42516.82	238269.38	17503.42

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
17	TANGENT	1	END-I	-73.655	1357.574	21.387	-12549.91	7172.34	-45001.35
			END-J	-73.655	1483.236	21.387	-12549.91	7407.60	-60625.46
17	TANGENT	2	END-I	-4694.544	133.798	820.381	-42516.82	238269.38	17503.42
			END-J	-4694.544	133.798	820.381	-42516.82	247293.37	16031.67
18	TANGENT	1	END-I	-1634.675	49.502	-61.833	2044.27	-7013.83	-10678.68
			END-J	-1562.950	49.502	-61.833	2044.27	-7639.89	-11179.88
18	TANGENT	2	END-I	-1198.026	2750.733	-3364.178	109599.54	47782.85	61248.09
			END-J	-1198.026	2750.733	-3364.178	109599.54	13720.54	33396.91
19	TANGENT	1	END-I	5.070	3117.911	30.107	-9958.48	5363.33	-48114.96
			END-J	5.070	3243.572	30.107	-9958.48	5694.49	-83102.34
19	TANGENT	2	END-I	-370.648	1331.824	1254.153	-52038.18	137693.84	-61064.84
			END-J	-370.648	1331.824	1254.153	-52038.18	151489.21	-75714.58
20	TANGENT	1	END-I	5.070	3243.572	30.107	-9958.48	5694.49	-83102.34
			END-J	5.070	3323.528	30.107	-9958.48	5905.20	-106083.72
20	TANGENT	2	END-I	-370.648	1331.824	1254.153	-52038.18	151489.21	-75714.58
			END-J	-370.648	1331.824	1254.153	-52038.18	160266.95	-85035.94
21	BEND	1	END-I	5.070	-30.107	-2481.294	-9957.36	106083.82	5905.20
			CENTER	-6.837	-29.755	-1754.533	3801.86	-29185.70	7834.17
			END-J	-17.703	-24.874	-1027.773	-26289.50	-114368.77	9594.50
21	BEND	2	END-I	-370.661	-1254.149	-647.953	-52037.29	85036.48	160266.95
			CENTER	-822.387	-1016.838	-647.953	-23524.46	58307.72	233446.47
			END-J	-1148.912	-624.723	-647.953	-7410.65	22702.20	286343.60
22	TANGENT	1	END-I	-17.703	-1027.773	24.874	-26288.64	9594.50	114368.97
			END-J	-17.703	-932.097	24.874	-26288.64	9802.82	122575.92
22	TANGENT	2	END-I	-1148.908	-647.953	624.732	-7410.82	286343.60	-22702.14
			END-J	-1148.908	-647.953	624.732	-7410.82	291575.73	-17275.53
23	TANGENT	1	END-I	-17.703	5610.825	24.874	-40429.89	10847.52	24322.61
			END-J	-17.703	5996.781	24.874	-40429.89	11295.25	-80145.85
23	TANGENT	2	END-I	-1148.908	-647.953	624.732	-7410.82	317814.47	9938.50
			END-J	-1148.908	-647.953	624.732	-7410.82	329059.64	21601.66
24	BEND	1	END-I	-17.703	-24.874	-1836.850	-40429.89	80145.85	11295.25
			CENTER	-30.107	-5.070	-1483.199	17525.72	60753.67	11555.71
			END-J	-24.874	17.703	-1129.549	46969.41	11311.97	11445.83
24	BEND	2	END-I	-1148.908	-624.732	-272.654	-7410.82	-21601.66	329059.64
			CENTER	-1254.153	370.648	-272.654	-22191.96	-14083.15	331269.78
			END-J	-624.732	1148.908	-272.654	-27327.40	1685.08	318051.95

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
25	TANGENT	1	END-I	-24.874	-1129.549	-17.703	46969.41	11445.83	-11311.97
			END-J	-24.874	-958.013	-17.703	46969.41	11304.20	-2961.72
25	TANGENT	2	END-I	-624.732	-272.654	-1148.908	-27327.40	318051.95	-1685.08
			END-J	-624.732	-272.654	-1148.908	-27327.40	308860.69	496.15
26	TANGENT	1	END-I	0.000	-364.591	0.000	-808.50	0.00	-5489.55
			END-J	0.000	-352.082	0.000	-808.50	0.00	-2981.19
26	TANGENT	2	END-I	-0.000	29.623	-0.000	-0.00	0.00	1070.12
			END-J	-0.000	29.623	-0.000	-0.00	0.00	862.76
27	TANGENT	1	END-I	-0.000	-352.082	-0.000	-808.50	0.00	-2981.19
			END-J	-0.000	-346.721	-0.000	-808.50	0.00	-1932.99
27	TANGENT	2	END-I	-0.000	29.623	-0.000	-0.00	0.00	862.76
			END-J	-0.000	29.623	-0.000	-0.00	0.00	773.89
28	TANGENT	1	END-I	-0.000	-346.721	-0.000	-808.50	0.00	-1932.99
			END-J	-0.000	-338.233	-0.000	-808.50	0.00	-306.22
28	TANGENT	2	END-I	-0.000	29.623	-0.000	-0.00	0.00	773.89
			END-J	-0.000	29.623	-0.000	-0.00	0.00	633.18
29	TANGENT	1	END-I	0.000	158.907	0.000	0.00	0.00	1534.13
			END-J	0.000	163.598	0.000	0.00	0.00	1110.84
29	TANGENT	2	END-I	-0.000	29.623	-0.000	0.00	0.00	277.71
			END-J	-0.000	29.623	-0.000	0.00	0.00	199.95
30	TANGENT	1	END-I	0.0	163.598	-0.000	0.00	0.00	1110.84
			END-J	0.0	169.629	-0.000	0.00	0.00	548.51
30	TANGENT	2	END-I	-0.000	29.623	-0.000	0.00	0.00	199.95
			END-J	-0.000	29.623	-0.000	0.00	0.00	99.98
31	TANGENT	1	END-I	-0.000	184.823	-0.000	0.0	0.00	582.01
			END-J	-0.000	190.854	-0.000	0.0	0.00	-51.95
31	TANGENT	2	END-I	0.0	29.623	-0.000	0.0	0.00	99.98
			END-J	0.0	29.623	-0.000	0.0	-0.00	0.00
32	TANGENT	1	END-I	15.194	0.000	0.000	-0.00	-0.00	33.49
			END-J	14.522	0.000	0.000	-0.00	-0.00	33.49
32	TANGENT	2	END-I	-0.000	0.000	0.000	0.00	-0.00	0.00
			END-J	-0.000	0.000	0.000	0.00	-0.00	0.00
33	TANGENT	1	END-I	0.000	-13.626	-0.000	0.0	0.00	-51.95
			END-J	0.000	0.000	-0.000	0.0	-0.00	-0.00

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
33	TANGENT	2	END-I	0.0	-0.000	-0.000	0.0	0.00	0.00
			END-J	0.0	-0.000	-0.000	0.0	-0.00	0.00
34	TANGENT	1	END-I	14.522	-0.000	0.000	-0.00	-0.00	33.49
			END-J	13.146	-0.000	0.000	-0.00	-0.00	33.49
34	TANGENT	2	END-I	0.0	-0.000	0.000	0.00	-0.00	0.00
			END-J	0.0	-0.000	0.000	0.00	-0.00	0.00
35	TANGENT	1	END-I	-24.874	-593.422	-17.703	41479.86	11304.20	-2153.22
			END-J	-24.874	-379.002	-17.703	41479.86	11127.17	2708.90
35	TANGENT	2	END-I	-624.732	-302.277	-1148.908	-26257.28	308860.69	496.15
			END-J	-624.732	-302.277	-1148.908	-26257.28	297371.61	3518.92
36	TANGENT	1	END-I	-24.874	-2464.210	-17.703	41479.86	11127.17	2708.90
			END-J	-24.874	-2056.812	-17.703	41479.86	10790.80	45658.61
36	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	297371.61	3518.92
			END-J	-624.732	652.408	-1148.908	-26257.28	275542.37	-8876.83
37	TANGENT	1	END-I	-24.874	-2056.812	-17.703	41479.86	10790.80	45658.61
			END-J	-24.874	-1027.596	-17.703	41479.86	9941.05	119684.41
37	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	275542.37	-8876.83
			END-J	-624.732	652.408	-1148.908	-26257.28	220394.80	-40192.40
38	TANGENT	1	END-I	-24.874	-1027.596	-17.703	41479.86	9941.05	119684.41
			END-J	-24.874	-813.176	-17.703	41479.86	9764.01	128888.27
38	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	220394.80	-40192.40
			END-J	-624.732	652.408	-1148.908	-26257.28	208905.72	-46716.48
39	TANGENT	1	END-I	-24.874	5710.888	-17.703	27338.61	9020.48	26036.33
			END-J	-24.874	5839.540	-17.703	27338.61	8914.26	-8614.96
39	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	160651.60	-74117.61
			END-J	-624.732	652.408	-1148.908	-26257.28	153758.15	-78032.06
40	TANGENT	1	END-I	-24.874	5839.540	-17.703	27338.61	8914.26	-8614.96
			END-J	-24.874	6075.402	-17.703	27338.61	8719.52	-74147.14
40	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	153758.15	-78032.06
			END-J	-624.732	652.408	-1148.908	-26257.28	141120.17	-85208.54
41	TANGENT	1	END-I	-35.619	7222.397	-35.516	58805.58	2780.43	12903.85
			END-J	-35.619	7458.259	-35.516	58805.58	2389.75	-67839.76
41	TANGENT	2	END-I	-1888.858	622.534	-1081.567	-4331.52	144.38	32387.71
			END-J	-1888.858	622.534	-1081.567	-4331.52	-11752.86	25539.83

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
42	TANGENT	1	END-I	-53.323	-1146.996	-10.642	-15341.55	5939.09	-14434.76
			END-J	-53.323	-911.134	-10.642	-15341.55	5822.02	-3115.05
42	TANGENT	2	END-I	-3037.766	29.873	-456.835	-89540.06	140975.79	58644.99
			END-J	-3037.766	29.873	-456.835	-89540.06	135950.60	58316.39
43	TANGENT	1	END-I	-53.323	-911.134	-10.642	-15341.55	5822.02	-3115.05
			END-J	-53.323	482.596	-10.642	-15341.55	5130.26	10812.41
43	TANGENT	2	END-I	-3037.766	29.873	-456.835	-89540.06	135950.60	58316.39
			END-J	-3037.766	29.873	-456.835	-89540.06	106256.32	56374.61
44	BEND	1	END-I	-53.323	10.642	482.596	-15341.55	-10812.41	5130.26
			CENTER	-30.179	45.230	836.247	-14785.00	13138.35	4644.25
			END-J	10.642	53.323	1189.898	4719.51	34932.00	3787.00
44	BEND	2	END-I	-3037.766	456.835	29.873	-89540.06	-56374.61	106256.32
			CENTER	-1824.994	2471.056	29.873	-102993.51	23895.11	80788.10
			END-J	456.835	3037.766	29.873	-55747.27	90167.40	32869.70
45	TANGENT	1	END-I	10.642	1189.898	-53.323	4719.51	3787.00	-34932.00
			END-J	10.642	1511.528	-53.323	4719.51	2987.16	-55192.69
45	TANGENT	2	END-I	456.835	29.873	-3037.766	-55747.27	32869.70	-90167.40
			END-J	456.835	29.873	-3037.766	-55747.27	-12696.79	-90615.50
46	TANGENT	1	END-I	10.642	-1778.789	-53.323	4719.51	2987.16	-55192.69
			END-J	10.642	-99.838	-53.323	4719.51	-1188.10	18357.44
46	TANGENT	2	END-I	456.835	-1129.603	-3037.766	-55747.27	-12696.79	-90615.50
			END-J	456.835	-1129.603	-3037.766	-55747.27	-250559.93	-2165.33
47	BEND	1	END-I	10.642	53.323	-99.838	4719.51	-18357.44	-1188.10
			CENTER	30.237	45.192	76.979	-2729.34	-18848.77	-1599.59
			END-J	45.229	30.181	253.795	-9516.64	-15031.40	-1914.42
47	BEND	2	END-I	456.835	3037.766	-1129.603	-55747.27	2165.33	-250559.93
			CENTER	1584.511	2631.738	-1129.603	-52481.11	14255.61	-274241.13
			END-J	2470.984	1825.091	-1129.603	-44837.02	24175.82	-292857.05
48	TANGENT	1	END-I	45.230	253.795	-30.179	-9517.23	-1914.42	15031.02
			END-J	45.230	608.520	-30.179	-9517.23	-2413.69	7898.18
48	TANGENT	2	END-I	2471.056	-1129.603	-1824.994	-44836.06	-292857.05	-24177.58
			END-J	2471.056	-1129.603	-1824.994	-44836.06	-323048.78	-5490.03
49	BEND	1	END-I	45.230	-30.179	-608.520	-9517.23	7898.18	2413.69
			CENTER	30.237	-45.191	-785.352	-6837.64	5328.85	2728.54
			END-J	10.641	-53.323	-962.183	-5628.01	508.51	3140.06
49	BEND	2	END-I	2471.056	-1824.994	1129.603	-44836.06	-5490.03	323048.78
			CENTER	1584.527	-2631.729	1129.603	-41718.07	21164.69	341665.90
			END-J	456.750	-3037.779	1129.603	-28636.77	44597.05	365349.20

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
50	TANGENT	1	END-I	10.642	962.183	-53.323	-5628.02	-3140.06	508.35
			END-J	10.642	1290.289	-53.323	-5628.02	-3956.00	-16725.31
50	TANGENT	2	END-I	456.835	-1129.603	-3037.766	-28638.01	-365349.20	44596.25
			END-J	456.835	-1129.603	-3037.766	-28638.01	-411833.09	61881.44
51	TANGENT	1	END-I	10.642	-1138.641	-53.323	-5628.02	-3956.00	-16725.31
			END-J	10.642	-302.403	-53.323	-5628.02	-6035.58	11375.02
51	TANGENT	2	END-I	456.835	-1223.535	-3037.766	-28638.01	-411833.09	61881.44
			END-J	456.835	-1223.535	-3037.766	-28638.01	-530305.96	109599.29
52	BEND	1	END-I	10.642	-302.404	53.313	-5628.02	-1781.44	12753.27
			CENTER	28.683	13.633	-67.634	-5164.55	2564.42	14976.99
			END-J	362.248	-10.642	-188.581	-2507.76	3513.71	14255.30
52	BEND	2	END-I	456.835	-2188.659	-2436.150	-28638.01	-460846.92	284352.83
			CENTER	-1224.585	-1870.647	-2436.150	-361102.28	-341792.84	319662.64
			END-J	-2188.659	-456.835	-2436.150	-512006.08	-22521.15	339908.21
53	TANGENT	1	END-I	362.241	188.594	-10.642	-2507.24	-14255.39	3513.71
			END-J	1057.021	441.481	-10.642	-2507.24	-14627.88	-7512.57
53	TANGENT	2	END-I	-2188.749	2436.070	-456.835	-511993.63	-339926.96	-22521.15
			END-J	-2188.749	2436.070	-456.835	-511993.63	-355916.13	-107783.29
54	TANGENT	1	END-I	-101.894	-1251.153	-0.351	-878.64	-658.66	-55511.91
			END-J	-101.894	-878.473	-0.351	-878.64	-670.10	-20775.07
54	TANGENT	2	END-I	118.912	-2651.742	-1214.861	-13723.36	104815.43	-268259.42
			END-J	118.912	-2651.742	-1214.861	-13723.36	65183.66	-181753.01
55	TANGENT	1	END-I	-101.894	-878.473	-0.350	-878.72	-670.10	-20775.07
			END-J	-101.894	-398.662	-0.350	-878.72	-684.81	6044.97
55	TANGENT	2	END-I	118.907	-2651.742	-1214.861	-13724.07	65183.66	-181752.95
			END-J	118.907	-2651.742	-1214.861	-13724.07	14159.12	-70378.97
56	TANGENT	1	END-I	-101.818	-398.662	3.954	-622.60	-684.81	6076.69
			END-J	-101.818	-200.562	3.954	-622.60	-616.24	11272.17
56	TANGENT	2	END-I	67.484	-2651.742	-1218.800	-16684.65	14159.12	-69736.44
			END-J	67.484	-2651.742	-1218.800	-16684.65	-6975.72	-23753.36
57	BEND	1	END-I	-101.820	-200.562	-3.907	-1489.76	-616.24	11190.62
			CENTER	-82.813	61.182	-3.907	-1513.21	559.64	12242.36
			END-J	169.970	101.824	-3.907	-698.33	1407.69	10436.66
57	BEND	2	END-I	161.246	-2651.742	-1209.970	-14803.75	-6975.72	-24968.96
			CENTER	-1761.024	-1989.103	-1209.970	-22842.50	-12431.85	15398.71
			END-J	-2651.739	-161.306	-1209.970	-32384.84	-10605.77	34103.72

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
58	TANGENT	1	END-I	169.973	97.339	-30.127	-698.29	4060.91	9716.71
			END-J	293.536	97.339	-30.127	-698.29	3729.52	8645.98
58	TANGENT	2	END-I	-2651.742	-468.911	-1127.009	-32385.08	-1417.11	35686.44
			END-J	-2651.742	-468.911	-1127.009	-32385.08	-13814.21	40844.45
59	BEND	1	END-I	293.536	-30.127	-97.339	-698.29	8645.98	-3729.52
			CENTER	317.264	-359.870	-97.339	5021.15	5161.98	-724.98
			END-J	-30.127	-664.076	-97.339	6601.85	-1345.84	8021.14
59	BEND	2	END-I	-2651.742	-1127.009	468.911	-32385.08	40844.45	13814.21
			CENTER	-2671.981	1078.149	468.911	8865.83	58744.07	14239.22
			END-J	-1127.009	2651.742	468.911	50691.57	42232.20	-18205.18
60	TANGENT	1	END-I	-30.127	664.076	97.339	6601.85	1345.84	-8021.14
			END-J	-30.127	789.740	97.339	6601.85	2416.57	-16017.13
60	TANGENT	2	END-I	-1127.009	-2651.742	-468.911	50691.57	-42232.20	18205.18
			END-J	-1127.009	-2651.742	-468.911	50691.57	-47390.22	47374.35
61	TANGENT	1	END-I	-1380.275	117.612	5.390	-118.08	-1685.98	4561.72
			END-J	-1351.213	117.612	5.390	-118.08	-1635.45	3459.11
61	TANGENT	2	END-I	-116.931	518.861	-45.442	5876.78	14033.95	51692.06
			END-J	-116.931	518.861	-45.442	5876.78	13607.93	46827.73
62	TANGENT	1	END-I	-35.516	2170.015	-20.273	2040.13	2534.65	-14331.15
			END-J	-35.516	2295.679	-20.273	2040.13	2311.65	-38892.47
62	TANGENT	2	END-I	-1081.567	-2534.812	-987.772	-1000.48	-53267.00	33340.40
			END-J	-1081.567	-2534.812	-987.772	-1000.48	-64132.49	61223.32
63	TANGENT	1	END-I	-35.516	2295.679	-20.273	2040.13	2311.65	-38892.47
			END-J	-35.516	2369.935	-20.273	2040.13	2179.88	-54055.71
63	TANGENT	2	END-I	-1081.567	-2534.812	-987.772	-1000.48	-64132.49	61223.32
			END-J	-1081.567	-2534.812	-987.772	-1000.48	-70553.01	77699.60
64	TANGENT	1	END-I	-35.516	-1022.293	-20.273	2040.13	2179.88	-54055.71
			END-J	-35.516	852.671	-20.273	2040.13	-1147.35	-40136.17
64	TANGENT	2	END-I	-1081.567	576.256	-987.772	-1000.48	-70553.01	77699.60
			END-J	-1081.567	576.256	-987.772	-1000.48	-232671.05	-16878.37
65	TANGENT	1	END-I	-35.516	-1339.914	35.619	2040.13	-1147.35	-40136.17
			END-J	-35.516	-380.298	35.619	2040.13	1844.67	32112.75
65	TANGENT	2	END-I	-1081.567	-94.476	1888.858	-1000.48	-232671.05	-16878.37
			END-J	-1081.567	-94.476	1888.858	-1000.48	-74006.97	-8942.41
66	BEND	1	END-I	-35.516	-35.619	-380.298	2040.13	-32112.75	1844.67
			CENTER	-38.162	-32.769	-25.094	-762.00	-38467.74	2908.38
			END-J	-40.580	-29.722	330.111	-3619.89	-33553.90	3880.37

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
66	BEND	2	END-I	-1081.567	-1888.858	-94.476	-1000.48	8942.41	-74006.97
			CENTER	-1224.282	-1799.640	-94.476	-420.07	6058.39	-16635.40
			END-J	-1359.677	-1699.662	-94.476	-64.24	3138.14	37793.37
67	BEND	1	END-I	-40.580	-29.722	330.111	-3619.89	-33553.90	3880.37
			CENTER	-42.807	-26.415	694.197	-5695.77	-16853.38	4775.38
			END-J	-44.764	-22.942	1058.284	-5982.79	11550.47	5562.29
67	BEND	2	END-I	-1359.677	-1699.662	-94.476	-64.24	3138.14	37793.37
			CENTER	-1490.013	-1586.642	-94.476	65.20	125.56	90188.53
			END-J	-1610.990	-1463.655	-94.476	-44.35	-2887.82	138820.92
68	BEND	1	END-I	-44.764	-22.942	1058.284	-5982.79	11550.47	5562.29
			CENTER	-45.087	-22.301	1123.765	-5773.36	17888.05	5691.96
			END-J	-45.400	-21.656	1189.246	-5470.91	24597.32	5817.94
68	BEND	2	END-I	-1610.989	-1463.655	-94.476	-44.35	-2887.82	138820.92
			CENTER	-1631.694	-1440.537	-94.476	-89.38	-3428.40	147144.36
			END-J	-1652.068	-1417.125	-94.476	-142.11	-3968.28	155334.44
69	BEND	1	END-I	-45.400	-21.656	1189.246	-5470.91	24597.32	5817.94
			CENTER	-45.832	-20.725	1282.953	-4865.78	34842.40	5991.76
			END-J	-46.246	-19.786	1376.660	-4043.90	45841.59	6157.91
69	BEND	2	END-I	-1652.068	-1417.125	-94.476	-142.11	-3968.28	155334.44
			CENTER	-1680.638	-1383.123	-94.476	-230.96	-4739.45	166819.53
			END-J	-1708.508	-1348.545	-94.476	-335.51	-5508.65	178023.35
70	BEND	1	END-I	-46.246	-19.786	-1005.712	-4043.90	45841.59	6157.91
			CENTER	-48.023	-14.965	-536.425	-1127.42	14403.62	6872.30
			END-J	-49.299	-9.988	-67.137	-448.99	2076.56	7385.27
70	BEND	2	END-I	-1708.508	-1348.545	51.632	-335.51	-5508.65	178023.35
			CENTER	-1837.159	-1167.227	51.632	-787.42	-3328.37	229741.21
			END-J	-1946.643	-973.731	51.632	-1014.56	-1113.35	273753.85
71	BEND	1	END-I	-49.299	-9.988	-67.137	-448.99	2076.56	7385.27
			CENTER	-49.985	-5.628	335.991	-161.09	6850.04	7660.97
			END-J	-50.286	-1.224	739.119	1168.15	25787.12	7781.94
71	BEND	2	END-I	-1946.643	-973.731	51.632	-1014.56	-1113.35	273753.85
			CENTER	-2024.513	-799.324	51.632	-1028.34	799.53	305057.53
			END-J	-2086.793	-618.761	51.632	-874.37	2706.26	330094.15
72	TANGENT	1	END-I	-50.298	-4738.028	0.474	1397.74	7787.91	18313.35
			END-J	-50.298	-4687.345	0.474	1397.74	7790.01	39221.32
72	TANGENT	2	END-I	-2095.792	-169.283	587.561	-839.32	335567.54	-1161.36
			END-J	-2095.792	-169.283	587.561	-839.32	338174.27	-410.33
73	TANGENT	1	END-I	-50.300	1855.586	0.073	-11695.60	7793.07	100030.43
			END-J	-50.300	2691.819	0.073	-11695.60	7795.91	11356.56

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
73	TANGENT	2	END-I	-2100.408	-169.283	570.841	-836.02	362149.20	6692.76
			END-J	-2100.408	-169.283	570.841	-836.02	384411.87	13294.75
74	TANGENT	1	END-I	-50.300	81.223	0.073	-11695.60	7795.91	11356.56
			END-J	-50.300	274.203	0.073	-11695.60	7796.57	9757.13
74	TANGENT	2	END-I	-2100.408	189.290	570.841	-836.02	384411.87	13294.75
			END-J	-2100.408	189.290	570.841	-836.02	389549.47	11591.13
75	BEND	1	END-I	-50.300	-0.073	274.203	-11695.60	-9757.13	7796.57
			CENTER	-35.620	35.516	627.849	-12742.56	8211.77	7488.27
			END-J	-0.074	50.300	981.496	1398.09	26909.46	6741.80
75	BEND	2	END-I	-2100.408	-570.841	189.290	-836.02	-11591.13	389549.47
			CENTER	-1888.867	1081.552	189.290	-7623.01	-4794.30	385107.12
			END-J	-570.875	2100.398	189.290	-7616.12	4810.92	357429.29
76	TANGENT	1	END-I	-0.073	981.496	-50.300	1398.53	6741.80	-26909.43
			END-J	-0.073	1153.037	-50.300	1398.53	6339.39	-35447.79
76	TANGENT	2	END-I	-570.841	189.290	-2100.408	-7616.04	357429.29	-4811.04
			END-J	-570.841	189.290	-2100.408	-7616.04	340625.59	-6325.40
77	TANGENT	1	END-I	0.000	-340.881	-0.000	-426.65	0.00	-4251.40
			END-J	0.000	-328.371	-0.000	-426.65	0.00	-1908.90
77	TANGENT	2	END-I	0.000	-14.250	-0.000	0.01	0.00	-514.75
			END-J	0.000	-14.250	-0.000	0.01	0.00	-415.00
78	TANGENT	1	END-I	0.000	-328.371	-0.000	-426.65	0.00	-1908.90
			END-J	0.000	-323.011	-0.000	-426.65	0.00	-931.97
78	TANGENT	2	END-I	0.000	-14.250	-0.000	0.01	0.00	-415.00
			END-J	0.000	-14.250	-0.000	0.01	0.00	-372.26
79	TANGENT	1	END-I	0.000	-323.011	-0.000	-426.65	0.00	-931.97
			END-J	0.000	-314.522	-0.000	-426.65	0.00	582.28
79	TANGENT	2	END-I	0.000	-14.250	-0.000	0.01	0.00	-372.26
			END-J	0.000	-14.250	-0.000	0.01	0.00	-304.57
80	TANGENT	1	END-I	0.000	182.618	-0.000	0.00	0.00	1756.07
			END-J	0.000	187.308	-0.000	0.00	0.00	1270.58
80	TANGENT	2	END-I	-0.000	-14.250	-0.000	0.00	0.00	-133.57
			END-J	-0.000	-14.250	-0.000	0.00	0.00	-96.17
81	TANGENT	1	END-I	0.000	187.308	-0.000	0.00	-0.00	1270.58
			END-J	0.000	193.338	-0.000	0.00	-0.00	628.37
81	TANGENT	2	END-I	-0.000	-14.250	-0.000	0.00	0.00	-96.17
			END-J	-0.000	-14.250	-0.000	0.00	-0.00	-48.08

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
82	TANGENT	1	END-I	-0.000	208.532	0.000	0.00	-0.00	661.87
			END-J	-0.000	214.562	0.000	0.00	0.00	-51.95
82	TANGENT	2	END-I	-0.000	-14.250	0.000	0.00	-0.00	-48.08
			END-J	-0.000	-14.250	0.000	0.00	-0.00	-0.00
83	TANGENT	1	END-I	15.194	-0.000	0.000	-0.00	-23.69	23.69
			END-J	14.522	-0.000	0.000	-0.00	-23.69	23.69
83	TANGENT	2	END-I	0.000	-0.000	-0.000	-0.00	-0.00	-0.00
			END-J	0.000	-0.000	-0.000	-0.00	-0.00	-0.00
84	TANGENT	1	END-I	0.000	-13.627	-0.000	0.00	0.00	-51.95
			END-J	0.000	-0.000	-0.000	0.00	-0.00	0.0
84	TANGENT	2	END-I	0.0	0.000	-0.000	0.00	0.00	-0.00
			END-J	0.0	0.000	-0.000	0.00	-0.00	-0.00
85	TANGENT	1	END-I	14.522	-0.000	0.000	-0.00	-23.69	23.69
			END-J	13.146	-0.000	0.000	-0.00	-23.69	23.69
85	TANGENT	2	END-I	0.000	-0.000	0.000	-0.00	-0.00	-0.00
			END-J	0.000	-0.000	0.000	-0.00	-0.00	-0.00
86	TANGENT	1	END-I	-0.070	1493.918	-50.300	-2850.79	6339.39	-35021.31
			END-J	-0.070	1748.530	-50.300	-2850.79	5742.10	-54272.44
86	TANGENT	2	END-I	-570.716	203.539	-2100.442	-8130.42	340625.59	-6325.89
			END-J	-570.716	203.539	-2100.442	-8130.42	315684.02	-8742.81
87	TANGENT	1	END-I	-0.073	-2337.988	-50.300	-2854.02	5742.10	-54272.27
			END-J	-0.073	-1308.776	-50.300	-2854.02	3327.69	33249.76
87	TANGENT	2	END-I	-570.841	-108.561	-2100.408	-8130.94	315684.02	-8742.33
			END-J	-570.841	-108.561	-2100.408	-8130.94	214864.82	-3531.41
88	TANGENT	1	END-I	-0.073	-1308.776	-50.300	-2854.02	3327.69	33249.76
			END-J	-0.073	-401.738	-50.300	-2854.02	1199.89	69428.80
88	TANGENT	2	END-I	-570.841	-108.561	-2100.408	-8130.94	214864.82	-3531.41
			END-J	-570.841	-108.561	-2100.408	-8130.94	126013.46	1060.94
89	BEND	1	END-I	-0.073	-50.300	401.738	-2854.02	69428.80	-1199.89
			CENTER	-19.317	-46.443	224.906	24480.90	67744.47	-795.76
			END-J	-35.620	-35.515	48.074	48807.66	54306.26	-453.39
89	BEND	2	END-I	-570.841	-2100.408	108.561	-8130.94	1060.94	-126013.46
			CENTER	-1331.204	-1722.054	108.561	-6932.40	4964.32	-110045.84
			END-J	-1888.888	-1081.514	108.561	-4331.29	8111.87	-98334.46
90	TANGENT	1	END-I	-35.619	-48.074	-35.516	48806.15	453.39	54307.63
			END-J	-35.619	81.693	-35.516	48806.15	238.45	54205.90

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
90	TANGENT	2	END-I	-1888.858	-108.561	-1081.567	-4331.52	98334.46	8111.75
			END-J	-1888.858	-108.561	-1081.567	-4331.52	91788.82	8768.77
91	TANGENT	1	END-I	-35.619	6605.757	-35.516	58805.58	-1253.24	-96229.97
			END-J	-35.619	6927.387	-35.516	58805.58	-1785.98	-197728.54
91	TANGENT	2	END-I	-1888.858	-108.561	-1081.567	-4331.52	46363.01	13328.33
			END-J	-1888.858	-108.561	-1081.567	-4331.52	30139.50	14956.75
92	TANGENT	1	END-I	-35.619	-7822.773	-35.516	58805.58	-1785.98	-197728.54
			END-J	-35.619	-7458.259	-35.516	58805.58	-2389.75	-67839.76
92	TANGENT	2	END-I	-1888.858	-622.534	-1081.567	-4331.52	30139.50	14956.75
			END-J	-1888.858	-622.534	-1081.567	-4331.52	11752.86	25539.83
93	TANGENT	1	END-I	-85.033	-1280.945	-60.122	-1011.18	952.08	-10711.49
			END-J	-85.033	-1261.633	-60.122	-1011.18	592.07	-3099.05
93	TANGENT	2	END-I	119.641	-291.937	-251.824	-6079.77	16553.74	-963.66
			END-J	119.641	-291.937	-251.824	-6079.77	15045.83	784.45
94	BEND	1	END-I	-85.273	-1261.633	-59.781	-1023.58	592.07	-3094.98
			CENTER	-936.059	-815.968	-59.781	-462.93	762.01	4638.55
			END-J	-1216.106	84.575	-59.781	53.76	485.89	7343.60
94	BEND	2	END-I	118.631	-291.937	-252.301	-6076.57	15045.83	808.80
			CENTER	-122.463	-290.351	-252.301	5673.32	13332.44	2978.65
			END-J	-291.869	-118.799	-252.301	12772.93	3814.50	4503.31
95	TANGENT	1	END-I	-1216.058	-103.439	12.070	54.04	3062.73	-6692.10
			END-J	-881.258	-103.439	12.070	54.04	4366.27	4479.31
95	TANGENT	2	END-I	-291.937	-15.536	278.367	12775.12	-1209.39	-5771.63
			END-J	-291.937	-15.536	278.367	12775.12	28854.21	-4093.77
96	TANGENT	1	END-I	-33.313	-156.628	98.669	-4164.32	843.37	-3867.21
			END-J	-33.313	-122.503	98.669	-4164.32	2126.08	-2052.85
96	TANGENT	2	END-I	-275.513	-291.937	-42.682	10302.39	12433.76	-26965.60
			END-J	-275.513	-291.937	-42.682	10302.39	11878.89	-23170.38
97	TANGENT	1	END-I	-33.312	-122.503	-49.032	-4164.33	2126.08	-2052.83
			END-J	-33.312	-26.361	-49.032	-4164.33	330.26	673.27
97	TANGENT	2	END-I	-275.512	-291.937	-355.882	10302.26	11878.89	-23170.44
			END-J	-275.512	-291.937	-355.882	10302.26	-1155.43	-12478.12
98	TANGENT	1	END-I	15.339	0.0	0.000	0.0	-0.00	0.00
			END-J	14.773	0.0	0.000	0.0	-0.00	0.00
98	TANGENT	2	END-I	0.0	-0.000	-0.000	0.0	0.00	-0.00
			END-J	0.0	-0.000	-0.000	0.0	0.00	-0.00

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
99	TANGENT	1	END-I	14.773	-0.000	0.000	0.0	-0.00	0.00
			END-J	14.313	-0.000	0.000	0.0	-0.00	0.00
99	TANGENT	2	END-I	0.0	-0.000	-0.000	0.0	0.00	-0.00
			END-J	0.0	-0.000	-0.000	0.0	-0.00	-0.00
100	TANGENT	1	END-I	14.313	0.000	0.000	0.0	0.00	0.00
			END-J	14.154	0.000	0.000	0.0	0.00	-0.00
100	TANGENT	2	END-I	0.0	-0.000	-0.000	0.0	-0.00	0.00
			END-J	0.0	-0.000	-0.000	0.0	-0.00	0.00
101	TANGENT	1	END-I	1.154	0.000	0.000	0.0	0.00	-0.00
			END-J	0.0	0.000	0.000	0.0	0.00	-0.00
101	TANGENT	2	END-I	0.0	-0.000	0.000	0.0	-0.00	0.00
			END-J	0.0	-0.000	0.000	0.0	0.00	0.00
102	TANGENT	1	END-I	-33.316	-11.022	-49.029	-4164.27	330.26	673.63
			END-J	-33.316	4.728	-49.029	-4164.27	36.08	692.51
102	TANGENT	2	END-I	-275.542	-291.937	-355.859	10301.20	-1155.43	-12478.99
			END-J	-275.542	-291.937	-355.859	10301.20	-3290.58	-10727.36
103	TANGENT	1	END-I	-33.306	4.728	-49.036	-4164.41	36.08	691.69
			END-J	-33.306	20.476	-49.036	-4164.41	-258.09	616.08
103	TANGENT	2	END-I	-275.472	-291.937	-355.913	10303.32	-3290.58	-10725.33
			END-J	-275.472	-291.937	-355.913	10303.32	-5425.79	-8973.92
104	BEND	1	END-I	-33.313	-20.476	49.031	-4164.33	258.09	-616.63
			CENTER	-51.154	-4.044	49.031	-2632.95	3439.10	-518.33
			END-J	-57.586	33.310	49.031	699.19	4605.62	-610.79
104	BEND	2	END-I	-275.519	291.937	355.877	10302.14	5425.79	8975.28
			CENTER	11.602	401.252	355.877	12059.46	-1183.13	6391.20
			END-J	291.926	275.530	355.877	8628.97	-7099.03	3868.28
105	TANGENT	1	END-I	-57.585	41.035	-42.778	699.38	-1554.93	-4377.98
			END-J	-65.460	41.035	-42.778	699.38	-1683.27	-4501.09
105	TANGENT	2	END-I	291.937	290.822	-343.484	8628.68	5259.70	6140.05
			END-J	291.937	290.822	-343.484	8628.68	4229.25	5267.59
106	TANGENT	1	END-I	-65.460	5.036	-42.778	699.38	-1683.27	-4501.09
			END-J	-75.960	5.036	-42.778	699.38	-1854.38	-4521.23
106	TANGENT	2	END-I	291.937	-48.507	-343.484	8628.68	4229.25	5267.59
			END-J	291.937	-48.507	-343.484	8628.68	2855.31	5461.62
107	BEND	1	END-I	-75.960	-5.036	42.778	699.38	1854.38	4521.23
			CENTER	-70.393	63.271	42.778	1918.54	1088.95	4320.78
			END-J	-5.036	113.070	42.778	2239.38	-314.37	3670.29

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
107	BEND	2	END-I	291.937	48.507	343.484	8628.68	-2855.31	-5461.62
			CENTER	240.730	-172.131	343.484	4987.83	-5934.49	-5000.75
			END-J	48.507	-291.937	343.484	236.05	-5537.32	-3270.74
108	TANGENT	1	END-I	-5.036	113.070	42.778	2239.38	-314.37	3670.29
			END-J	-5.036	156.217	42.778	2239.38	388.78	1457.15
108	TANGENT	2	END-I	48.507	-291.937	343.484	236.05	-5537.32	-3270.74
			END-J	48.507	-291.937	343.484	236.05	108.53	1527.83
109	BEND	1	END-I	-5.036	-42.778	156.217	2239.38	-1457.15	388.78
			CENTER	-33.810	-26.688	174.772	981.56	-1557.41	647.74
			END-J	-42.778	5.036	193.327	70.17	-620.80	728.45
109	BEND	2	END-I	48.507	-343.484	-291.937	236.05	-1527.83	108.53
			CENTER	-208.581	-277.180	-291.937	-1682.99	-3105.13	2422.32
			END-J	-343.484	-48.507	-291.937	-4155.27	-2863.49	3636.45
110	TANGENT	1	END-I	-42.778	193.327	-5.036	70.17	728.45	620.80
			END-J	-42.778	332.284	-5.036	70.17	461.85	-13291.09
110	TANGENT	2	END-I	-343.484	-291.937	48.507	-4155.27	3636.45	2863.49
			END-J	-343.484	-291.937	48.507	-4155.27	6204.20	18317.49
111	TANGENT	1	END-I	-42.778	-328.388	-5.036	70.17	461.85	-13291.09
			END-J	-42.778	-138.732	-5.036	70.17	97.99	3583.65
111	TANGENT	2	END-I	-343.484	99.066	48.507	-4155.27	6204.20	18317.49
			END-J	-343.484	99.066	48.507	-4155.27	9708.82	11159.96
112	TANGENT	1	END-I	-42.778	-138.732	-10.665	70.17	97.99	3583.65
			END-J	-42.778	46.081	-10.665	70.17	-652.90	6845.20
112	TANGENT	2	END-I	-343.484	99.066	-128.244	-4155.27	9708.82	11159.96
			END-J	-343.484	99.066	-128.244	-4155.27	679.83	4185.21
113	BEND	1	END-I	-42.778	-10.665	-46.081	70.17	6845.20	652.90
			CENTER	-43.885	-4.225	-49.586	1076.47	6696.02	662.85
			END-J	-44.027	2.307	-53.090	2049.32	6395.07	664.14
113	BEND	2	END-I	-343.484	-128.244	-99.066	-4155.27	4185.21	-679.83
			CENTER	-358.667	-76.067	-99.066	-3500.84	4621.62	-543.19
			END-J	-365.970	-22.219	-99.066	-2789.09	4956.51	-477.46
114	TANGENT	1	END-I	-44.027	53.090	2.308	2049.41	-664.14	6395.04
			END-J	-44.027	332.377	2.308	2049.41	-418.57	-14110.86
114	TANGENT	2	END-I	-365.971	99.066	-22.214	-2789.02	477.46	4956.55
			END-J	-365.971	99.066	-22.214	-2789.02	-1886.03	-5583.59
115	TANGENT	1	END-I	-44.027	-306.813	2.308	2049.48	-418.57	-14110.85
			END-J	-44.027	24.822	2.308	2049.48	-127.00	3702.09

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
115	TANGENT	2	END-I	-365.970	-29.643	-22.216	-2789.00	-1886.03	-5583.60
			END-J	-365.970	-29.643	-22.216	-2789.00	-4692.74	-1838.56
116	TANGENT	1	END-I	-44.027	24.822	2.310	2049.68	-127.00	3701.98
			END-J	-44.027	51.196	2.310	2049.68	-103.79	3320.10
116	TANGENT	2	END-I	-365.972	-29.643	-22.196	-2789.10	-4692.74	-1838.41
			END-J	-365.972	-29.643	-22.196	-2789.10	-4915.75	-1540.58
117	TANGENT	1	END-I	31.342	51.196	2.310	2049.54	-103.79	3320.18
			END-J	31.342	307.132	2.310	2049.54	121.42	-14148.26
117	TANGENT	2	END-I	-379.906	-29.643	-22.211	-2789.03	-4915.75	-1540.69
			END-J	-379.906	-29.643	-22.211	-2789.03	-7081.36	1349.51
118	TANGENT	1	END-I	31.342	307.132	2.308	2048.83	121.42	-14148.36
			END-J	31.342	350.651	2.308	2048.83	137.58	-16450.60
118	TANGENT	2	END-I	-379.907	-29.643	-22.192	-2788.96	-7081.36	1349.65
			END-J	-379.907	-29.643	-22.192	-2788.96	-7236.71	1557.15
119	TANGENT	1	END-I	31.342	350.651	2.311	2050.34	137.58	-16450.41
			END-J	31.342	403.498	2.311	2050.34	157.22	-19655.68
119	TANGENT	2	END-I	-379.905	-29.643	-22.227	-2789.11	-7236.71	1556.89
			END-J	-379.905	-29.643	-22.227	-2789.11	-7425.65	1808.87
120	TANGENT	1	END-I	1110.558	-10.614	-38.105	192.80	2322.10	-1746.73
			END-J	1130.245	-10.614	-38.105	192.80	2036.31	-1667.13
120	TANGENT	2	END-I	-160.538	-99.457	-82.796	12310.77	12071.36	-981.06
			END-J	-160.538	-99.457	-82.796	12310.77	11450.39	-235.14
121	TANGENT	1	END-I	-8.202	-707.060	3.300	1058.76	-35.58	-16924.38
			END-J	-8.202	-654.213	3.300	1058.76	-7.52	-11138.73
121	TANGENT	2	END-I	-488.159	130.895	-93.135	-198.36	-19736.41	13639.68
			END-J	-488.159	130.895	-93.135	-198.36	-20528.09	12527.04
122	TANGENT	1	END-I	-8.202	-654.213	3.301	1058.49	-7.52	-11138.76
			END-J	-8.202	-570.941	3.301	1058.49	36.69	-2933.76
122	TANGENT	2	END-I	-488.161	130.895	-93.123	-198.05	-20528.09	12527.04
			END-J	-488.161	130.895	-93.123	-198.05	-21775.40	10773.81
123	BEND	1	END-I	-8.202	3.301	570.941	1058.45	-2933.77	-36.69
			CENTER	-6.998	5.403	545.304	539.06	-838.59	-54.75
			END-J	-5.268	7.100	519.667	593.50	1214.51	-80.69
123	BEND	2	END-I	-488.162	-93.118	-130.895	-197.94	10773.81	21775.40
			CENTER	-495.109	42.899	-130.895	2660.49	9889.96	21879.60
			END-J	-464.871	175.693	-130.895	5171.65	8263.34	21426.03

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
124	TANGENT	1	END-I	-5.268	-519.667	7.100	593.44	80.69	1214.54
			END-J	-5.268	-20.576	7.100	593.44	650.64	22899.43
124	TANGENT	2	END-I	-464.881	130.895	175.667	5171.18	-21426.03	8263.62
			END-J	-464.881	130.895	175.667	5171.18	-7323.75	-2244.38
125	TANGENT	1	END-I	-5.269	-20.576	7.100	593.03	650.64	22899.44
			END-J	-5.269	45.691	7.100	593.03	726.31	22765.59
125	TANGENT	2	END-I	-464.884	130.895	175.659	5171.22	-7323.75	-2244.29
			END-J	-464.884	130.895	175.659	5171.22	-5451.40	-3639.50
126	TANGENT	1	END-I	-5.268	45.691	7.100	594.62	726.31	22765.55
			END-J	-5.268	107.854	7.100	594.62	797.30	21997.92
126	TANGENT	2	END-I	-464.872	130.895	175.691	5170.97	-5451.40	-3639.86
			END-J	-464.872	130.895	175.691	5170.97	-3694.70	-4948.65
127	TANGENT	1	END-I	-5.267	107.854	7.101	597.16	797.30	21997.85
			END-J	-5.267	526.156	7.101	597.16	1275.05	668.61
127	TANGENT	2	END-I	-464.851	130.895	175.745	5170.40	-3694.70	-4949.25
			END-J	-464.851	130.895	175.745	5170.40	8130.08	-13756.32
128	BEND	1	END-I	-5.268	7.100	-526.156	597.05	668.71	-1275.05
			CENTER	1.295	8.746	-599.397	-1526.01	-5939.65	-1373.50
			END-J	7.099	5.269	-672.638	-8021.78	-9888.15	-1460.57
128	BEND	2	END-I	-464.881	175.667	-130.895	5172.72	-13755.44	-8130.08
			CENTER	-204.512	452.933	-130.895	-6643.76	-14772.65	-12035.61
			END-J	175.653	464.886	-130.895	-15718.65	-7136.55	-17738.08
129	TANGENT	1	END-I	7.069	672.638	5.309	-7965.52	1460.57	-9933.53
			END-J	7.069	691.143	5.309	-7965.52	1476.37	-11963.20
129	TANGENT	2	END-I	173.011	130.895	465.876	-15677.88	17738.08	-7225.66
			END-J	173.011	130.895	465.876	-15677.88	19124.78	-7615.28
130	BEND	1	END-I	7.100	627.908	-5.268	-8044.41	-1492.19	9989.48
			CENTER	397.223	387.195	-5.268	-6766.61	4577.14	3727.93
			END-J	481.426	-7.085	-5.268	-1571.46	7965.33	1475.79
130	BEND	2	END-I	175.667	-170.924	-464.881	-15718.21	-20528.23	8042.78
			CENTER	3.357	-245.077	-464.881	-27672.38	-8332.32	10627.43
			END-J	-170.919	-175.672	-464.881	-27501.70	8744.37	13241.57
131	TANGENT	1	END-I	481.426	-0.758	-8.808	-1571.22	4172.72	6943.61
			END-J	456.558	-0.758	-8.808	-1571.22	4137.48	6946.64
131	TANGENT	2	END-I	-170.924	231.775	-439.606	-27501.44	-4122.61	15323.90
			END-J	-170.924	231.775	-439.606	-27501.44	-5881.03	14396.80

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
132	TANGENT	1	END-I	1127.804	74.302	-39.446	33.57	2331.04	-1236.18
			END-J	1150.117	75.830	-39.446	33.57	1994.97	-1875.74
132	TANGENT	2	END-I	-154.605	-92.103	-100.666	11511.44	12089.80	2011.24
			END-J	-154.605	-92.103	-100.666	11511.44	11232.14	2795.95
133	BEND	1	END-I	1152.610	-39.544	-0.989	169.83	-1668.76	-2164.67
			CENTER	800.177	-856.100	-0.989	-1062.51	-1306.37	1157.57
			END-J	-39.544	-1189.720	-0.989	-1677.66	-178.73	8777.33
133	BEND	2	END-I	-160.538	-108.253	70.909	12252.15	3818.15	-10089.50
			CENTER	-190.064	36.971	70.909	11550.34	-5512.48	-9823.77
			END-J	-108.253	160.538	70.909	4456.33	-11613.97	-10560.06
134	TANGENT	1	END-I	-39.544	1189.720	0.991	-1678.08	178.73	-8777.25
			END-J	-39.544	1203.412	0.991	-1678.08	183.90	-15018.44
134	TANGENT	2	END-I	-108.257	-160.538	-70.904	4456.84	11613.97	10559.85
			END-J	-108.257	-160.538	-70.904	4456.84	11244.15	11397.20
135	TANGENT	1	END-I	-39.544	-330.248	0.990	-1678.02	183.90	-15018.45
			END-J	-39.544	-55.027	0.990	-1678.02	287.74	5178.88
135	TANGENT	2	END-I	-108.256	116.931	-70.904	4456.79	11244.15	11397.22
			END-J	-108.256	116.931	-70.904	4456.79	3810.12	-862.51
136	TANGENT	1	END-I	-39.544	-55.027	0.992	-1677.86	287.74	5178.94
			END-J	-39.544	45.870	0.992	-1677.86	325.86	5354.92
136	TANGENT	2	END-I	-108.259	116.931	-70.901	4456.77	3810.12	-862.66
			END-J	-108.259	116.931	-70.901	4456.77	1084.92	-5357.10
137	TANGENT	1	END-I	11.203	3.116	-9.078	2.38	54.30	22.26
			END-J	9.600	3.116	-9.078	2.38	-30.80	-6.96
137	TANGENT	2	END-I	-0.079	-3.028	6.723	-8.71	-52.87	-31.66
			END-J	-0.079	-3.028	6.723	-8.71	10.16	-3.28
138	TANGENT	1	END-I	9.592	-9.600	0.326	-2.36	-2.38	-31.49
			END-J	9.592	-8.445	0.326	-2.36	-0.18	29.41
138	TANGENT	2	END-I	-7.314	0.079	-0.929	6.11	8.71	8.76
			END-J	-7.314	0.079	-0.929	6.11	2.44	8.22
139	TANGENT	1	END-I	9.592	4.555	0.326	-2.36	-0.18	29.41
			END-J	9.592	5.880	0.326	-2.36	2.35	-11.02
139	TANGENT	2	END-I	-7.314	0.079	-0.930	6.11	2.44	8.22
			END-J	-7.314	0.079	-0.930	6.11	-4.77	7.61
140	BEND	1	END-I	9.592	5.880	0.327	-2.36	2.35	-11.02
			CENTER	11.321	-2.245	0.327	0.38	4.25	-17.14
			END-J	6.955	-9.592	0.327	3.66	3.67	2.26

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
140	BEND	2	END-I	-7.314	0.079	-0.930	6.10	-4.77	7.61
			CENTER	-5.116	5.227	-0.930	-0.15	-10.32	-1.18
			END-J	0.078	7.314	-0.930	-8.49	-9.83	-21.95
141	TANGENT	1	END-I	6.954	3.116	9.078	3.66	1.09	-4.17
			END-J	7.307	3.116	9.078	3.66	19.82	-10.59
141	TANGENT	2	END-I	0.079	-3.028	-6.723	-8.49	-18.12	15.81
			END-J	0.079	-3.028	-6.723	-8.49	-31.99	22.06
142	TANGENT	1	END-I	7.307	3.116	9.078	3.66	19.82	-10.59
			END-J	7.874	3.116	9.078	3.66	49.88	-20.92
142	TANGENT	2	END-I	0.079	-3.028	-6.723	-8.49	-31.99	22.06
			END-J	0.079	-3.028	-6.723	-8.49	-54.26	32.09
143	TANGENT	1	END-I	-39.544	113.510	0.989	-1678.20	344.18	3845.09
			END-J	-39.544	160.760	0.989	-1678.20	361.98	1376.62
1									5
143	TANGENT	2	END-I	-108.253	116.931	-70.909	4457.27	-226.83	-7520.02
			END-J	-108.253	116.931	-70.909	4457.27	-1503.21	-9624.80
44	TANGENT	1 E	END-I	-39.551	160.760	-110.894	-1678.01	361. 8	3756330.
			END-J	-39.551	184.384	-110.894	-1678.01	-636.00	-176.21
144	TANGENT	2	END-I	-108.292	116.931	-509.465	4455.94	-1503.21	-9625.42
			ND-J	-108.292	116.931	-509.465	4455.94	-6088.13	-10677.
145	BEND	1	END-I	-39.535	-110.899	-184.384	-1677.99	-176.44	636.00
			CENTER	-106.374	-50.461	-202.939	-1813.97	-173.94	1237.55
		E	END-J	-110.898	39.537	-221.494	-1957.27	-194.09	1278
145	BEND	2	END-I	-108.221	-509.480	-116.931	4457.42	-10677.11	6088.13
			CENTER	-436.783	-283.730	-116.931	-4706.31	-11445.84	9045.19
			ND-J	-509.479	108.229	-116.931	-11729.58	-550	
146	TANGENT	1	END-I	-110.897	221.494	39.541	-1957.28	-1278.27	-194.03
			END-J	-110.897	266.942	39.541	-1957.28	-593.68	-4422.32
									9.48
146	TANGENT	2	END-I	-509.475	116.931	108.244	-11729.74	-9699.45	-5509.27
			END-J	-509.475	116.931	108.244	-11729.74	-7825.36	-7533.75
13 47	TANGENT	1	END-I	-1017.575	-117.612	5.390	-118.08	1055.40	-9198
			END-J	-1351.213	-117.612	5.390	-118.08	1635.45	3459.11
147	TANGENT	2	END-I	-116.931	-518.861	-45.442	5876.78	-8717.23	-9014.71
131 T			D-J	-116.931	-518.861	-45.442	5876.78	-13607.93	48.61
148	TANGENT	1	END-I	-1562.950	49.502	-61.833	2044.27	-7639.89	-11179.88
			END-J	-1478.827	49.502	-61.833	2044.27	-8374.15	-11767.71
								881.03	14396.80

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
148	TANGENT	2	END-I	-1198.026	2750.733	-3364.178	109599.54	13720.54	33396.91
			END-J	-1198.026	2750.733	-3364.178	109599.54	-26229.07	731.96
149	BEND	1	END-I	-1478.827	-69.060	38.787	2044.27	3356.28	14047.80
			CENTER	-1035.509	937.844	38.787	3989.18	1339.14	8525.08
			END-J	-69.060	1311.915	38.787	3938.09	-1462.46	-5504.81
149	BEND	2	END-I	-1198.026	-3810.653	2088.815	109599.54	24593.48	9146.63
			CENTER	-3541.671	-1847.407	2088.815	104065.79	-37953.13	44301.30
			END-J	-3810.653	1198.026	2088.815	55925.71	-78267.30	48336.04
150	TANGENT	1	END-I	-69.094	-1311.915	-38.727	3942.94	1462.46	5501.34
			END-J	-69.094	-1178.186	-38.727	3942.94	749.02	28438.22
150	TANGENT	2	END-I	-3812.491	-1198.026	-2085.460	55883.13	78267.30	-48385.26
			END-J	-3812.491	-1198.026	-2085.460	55883.13	39848.03	-26314.68
151	TANGENT	1	END-I	-69.060	791.727	-38.787	2397.75	50.78	31919.45
			END-J	-69.060	1044.287	-38.787	2397.75	-1524.89	-5373.74
151	TANGENT	2	END-I	-3810.676	-1198.026	-2088.774	55907.30	2245.34	-4701.26
			END-J	-3810.676	-1198.026	-2088.774	55907.30	-82609.15	43967.43
152	TANGENT	1	END-I	-69.062	-400.657	-38.783	2397.51	-1524.89	-5373.84
			END-J	-69.062	-351.654	-38.783	2397.51	-1830.58	-2408.96
152	TANGENT	2	END-I	-3810.771	-1589.303	-2088.600	55909.29	-82609.15	43964.89
			END-J	-3810.771	-1589.303	-2088.600	55909.29	-99071.65	56491.89
153	BEND	1	END-I	-69.059	-38.788	351.654	2397.65	-2408.82	1830.58
			CENTER	-78.943	6.461	296.315	1494.68	-627.25	1978.83
			END-J	-61.833	49.501	240.977	1600.41	890.49	1722.19
153	BEND	2	END-I	-3810.646	-2088.828	1589.303	55905.91	56495.24	99071.65
			CENTER	-4327.226	399.178	1589.303	82015.56	28905.27	106820.35
			END-J	-3364.210	2750.694	1589.303	88233.25	-8568.18	92375.11
154	TANGENT	1	END-I	-61.833	-240.977	49.502	1600.42	-1722.19	890.47
			END-J	-61.833	224.950	49.502	1600.42	1987.66	1491.00
154	TANGENT	2	END-I	-3364.178	-1589.303	2750.733	88233.15	-92375.11	-8569.21
			END-J	-3364.178	-1589.303	2750.733	88233.15	113775.84	110539.51
155	BEND	1	END-I	-61.833	224.950	49.502	1600.42	1987.66	1491.00
			CENTER	167.132	254.576	49.502	2754.63	798.87	-1533.76
			END-J	371.435	61.833	49.502	2730.18	-857.89	-3609.18
155	BEND	2	END-I	-3364.178	-1589.303	2750.733	88233.15	113775.84	110539.51
			CENTER	-3502.640	1255.026	2750.733	154926.99	47237.33	112616.44
			END-J	-1589.303	3364.178	2750.733	155036.83	-46972.16	83916.38

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
156	TANGENT	1	END-I	371.435	49.502	-61.833	2730.18	-3609.18	857.89
			END-J	557.945	49.502	-61.833	2730.18	-5464.16	-627.16
156	TANGENT	2	END-I	-1589.303	2750.733	-3364.178	155036.83	83916.38	46972.16
			END-J	-1589.303	2750.733	-3364.178	155036.83	-17008.97	-35549.84
157	BEND	1	END-I	557.945	-73.786	28.797	2730.18	4418.48	3275.27
			CENTER	394.142	-498.492	28.797	5181.39	1499.24	6721.43
			END-J	-73.786	-704.430	28.797	4850.43	-2298.23	14150.06
157	BEND	2	END-I	-1589.303	-4064.314	1538.046	155036.83	-3045.22	39291.51
			CENTER	-3997.711	-1750.097	1538.046	114231.55	-95467.45	75417.62
			END-J	-4064.314	1589.303	1538.046	20025.47	-131966.15	76416.67
158	TANGENT	1	END-I	-73.786	704.430	-28.797	4850.43	2298.23	-14150.06
			END-J	-73.786	723.080	-28.797	4850.43	2211.84	-16291.28
158	TANGENT	2	END-I	-4064.314	-1589.303	-1538.046	20025.47	131966.15	-76416.67
			END-J	-4064.314	-1589.303	-1538.046	20025.47	127352.11	-71648.87
159	TANGENT	1	END-I	-73.788	-629.454	-28.793	4849.55	2211.84	-16291.54
			END-J	-73.788	386.783	-28.793	4849.55	-2494.66	3542.10
159	TANGENT	2	END-I	-4064.397	-375.846	-1537.826	20021.59	127352.11	-71649.95
			END-J	-4064.397	-375.846	-1537.826	20021.59	-124022.59	-10213.68
160	BEND	1	END-I	-73.787	28.794	386.783	4849.50	-3542.17	-2494.66
			CENTER	-63.820	46.912	411.200	3969.26	-3127.30	-2644.18
			END-J	-49.502	61.832	435.616	3238.89	-2403.92	-2858.95
160	BEND	2	END-I	-4064.375	1537.884	-375.846	20021.74	10213.40	-124022.59
			CENTER	-3527.788	2537.506	-375.846	21790.92	3223.56	-132071.38
			END-J	-2750.744	3364.170	-375.846	21690.53	-3986.00	-143727.05
161	TANGENT	1	END-I	-49.502	435.616	-61.833	3238.88	-2858.95	2403.93
			END-J	-49.502	625.116	-61.833	3238.88	-4743.66	-13762.16
161	TANGENT	2	END-I	-2750.733	-375.846	-3364.178	21690.52	-143727.05	3986.07
			END-J	-2750.733	-375.846	-3364.178	21690.52	-246270.57	15442.25
162	TANGENT	1	END-I	-49.502	625.116	-61.833	3238.88	-4743.66	-13762.16
			END-J	-49.502	684.178	-61.833	3238.88	-5331.07	-19981.31
162	TANGENT	2	END-I	-2750.733	-375.846	-3364.178	21690.52	-246270.57	15442.25
			END-J	-2750.733	-375.846	-3364.178	21690.52	-278230.26	19012.79
163	TANGENT	1	END-I	210.454	2686.016	69.514	9465.68	-4342.34	-27158.34
			END-J	210.454	2768.176	69.514	9465.68	-3647.20	-54429.30
163	TANGENT	2	END-I	2506.308	-457.628	1944.007	-25218.50	-150832.05	-70832.02
			END-J	2506.308	-457.628	1944.007	-25218.50	-131391.98	-66255.74

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
164	TANGENT	1	END-I	148.621	-2001.839	119.016	-10515.63	-988.73	-30397.21
			END-J	148.621	-1919.679	119.016	-10515.63	201.43	-10789.63
164	TANGENT	2	END-I	-857.870	81.781	4694.740	-6205.72	-127398.21	-92522.53
			END-J	-857.870	81.781	4694.740	-6205.72	-80450.81	-93340.35
165	BEND	1	END-I	148.621	1919.679	-119.016	-10515.63	-201.43	10789.63
			CENTER	849.715	1663.021	-119.016	-9955.33	3018.26	-2032.69
			END-J	1380.380	1170.192	-119.016	-8205.55	5778.44	-12161.72
165	BEND	2	END-I	-857.870	-81.781	-4694.740	-6205.72	80450.81	93340.35
			CENTER	-823.865	252.738	-4694.740	18621.33	44362.76	92728.25
			END-J	-664.433	548.779	-4694.740	27748.18	1520.85	89858.47
166	BEND	1	END-I	1380.377	1170.195	-119.016	-8205.57	5778.42	-12161.72
			CENTER	1669.463	530.645	-119.016	-5532.71	7658.89	-18228.86
			END-J	1687.376	-148.625	-119.016	-2343.69	8373.35	-19570.00
166	BEND	2	END-I	-664.434	548.778	-4694.740	27748.17	1520.92	89858.47
			CENTER	-403.848	761.273	-4694.740	19785.36	-41552.54	85167.92
			END-J	-81.779	857.871	-4694.740	-4054.86	-78299.96	79370.68
167	TANGENT	1	END-I	1687.376	119.016	-148.621	-2343.71	19570.00	8373.34
			END-J	1638.080	119.016	-148.621	-2343.71	18678.27	7659.25
167	TANGENT	2	END-I	-81.781	4694.740	857.870	-4054.66	-79370.68	-78299.97
			END-J	-81.781	4694.740	857.870	-4054.66	-74223.46	-106468.42
168	TANGENT	1	END-I	1638.080	40.914	-148.621	-2343.71	18678.27	7659.25
			END-J	980.800	40.914	-148.621	-2343.71	6788.58	4386.17
168	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	-74223.46	-106468.42
			END-J	-81.781	-888.270	857.870	-4054.66	-5593.82	-35406.83
169	TANGENT	1	END-I	604.468	40.914	-148.621	-2343.71	8148.90	4148.71
			END-J	473.012	40.914	-148.621	-2343.71	5770.96	3494.10
169	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	-2162.34	-31853.75
			END-J	-81.781	-888.270	857.870	-4054.66	11563.59	-17641.43
170	TANGENT	1	END-I	96.680	40.914	-148.621	-2343.71	7131.28	3256.64
			END-J	63.816	40.914	-148.621	-2343.71	6536.79	3092.99
170	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	14995.07	-14088.35
			END-J	-81.781	-888.270	857.870	-4054.66	18426.55	-10535.28
171	BEND	1	END-I	63.816	153.801	-10.368	-2343.71	-765.15	7191.02
			CENTER	71.747	145.760	-10.368	-2252.96	984.24	5165.95
			END-J	153.801	168.486	-10.368	-951.79	2157.08	2909.31
171	BEND	2	END-I	-81.781	-1102.744	-555.807	-4054.66	16020.88	13923.41
			CENTER	-837.586	-721.929	-555.807	5531.14	7121.29	27527.88
			END-J	-1102.744	81.781	-555.807	6016.36	-5949.86	32300.73

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
172	TANGENT	1	END-I	153.800	168.486	-10.373	-951.70	2157.08	2909.34
			END-J	153.800	445.776	-10.373	-951.70	1807.00	-7456.33
172	TANGENT	2	END-I	-1102.759	81.781	-555.776	6017.27	-5949.86	32300.56
			END-J	-1102.759	81.781	-555.776	6017.27	-24707.28	29540.43
173	TANGENT	1	END-I	153.800	445.776	-10.374	-951.75	1807.00	-7456.32
			END-J	153.800	973.657	-10.374	-951.75	1140.49	-53055.88
173	TANGENT	2	END-I	-1102.763	81.781	-555.769	6017.44	-24707.28	29540.40
			END-J	-1102.763	81.781	-555.769	6017.44	-60415.68	24285.91
174	TANGENT	1	END-I	210.454	2768.176	69.514	9465.68	-3647.20	-54429.30
			END-J	210.454	2882.691	69.514	9465.68	-2678.32	-93810.20
174	TANGENT	2	END-I	2506.308	-457.628	1944.007	-25218.50	-131391.98	-66255.74
			END-J	2506.308	-457.628	1944.007	-25218.50	-104296.41	-59877.32
175	TANGENT	1	END-I	210.454	-2497.233	69.514	9465.68	-2678.32	-93810.20
			END-J	210.454	-2430.996	69.514	9465.68	-2117.90	-73944.51
175	TANGENT	2	END-I	2506.308	-1482.607	1944.007	-25218.50	-104296.41	-59877.32
			END-J	2506.308	-1482.607	1944.007	-25218.50	-88623.82	-47924.54
176	TANGENT	1	END-I	207.427	-2020.104	80.140	8374.72	-2201.62	-73733.32
			END-J	207.427	-1807.515	80.140	8374.72	-127.99	-24213.51
176	TANGENT	2	END-I	2243.589	-2709.943	1881.658	-18699.15	-88447.59	-68668.51
			END-J	2243.589	-2709.943	1881.658	-18699.15	-39759.69	1451.27
177	BEND	1	END-I	207.427	-1807.515	80.140	8374.72	-127.99	-24213.51
			CENTER	-1049.302	-1342.648	80.140	6253.83	-4992.31	-812.72
			END-J	-1575.213	-207.427	80.140	1314.54	-6932.20	10535.99
177	BEND	2	END-I	2243.589	-2709.943	1881.658	-18699.15	-39759.69	1451.27
			CENTER	-329.762	-3502.677	1881.658	-31416.40	9057.54	47771.60
			END-J	-2709.943	-2243.589	1881.658	-5889.85	52568.99	90614.86
178	TANGENT	1	END-I	-1575.213	-80.140	-207.427	1314.54	-10535.99	-6932.20
			END-J	-1550.565	-80.140	-207.427	1314.54	-11158.27	-6691.78
178	TANGENT	2	END-I	-2709.943	-1881.658	-2243.589	-5889.85	-90614.86	52568.99
			END-J	-2709.943	-1881.658	-2243.589	-5889.85	-97345.63	58213.97
179	TANGENT	1	END-I	-1550.565	-56.106	46.902	1314.54	-11158.27	-6691.78
			END-J	523.975	-56.106	46.902	1314.54	684.51	7474.91
179	TANGENT	2	END-I	-2709.943	302.725	427.592	-5889.85	-97345.63	58213.97
			END-J	-2709.943	302.725	427.592	-5889.85	10621.28	-18224.00
180	TANGENT	1	END-I	900.307	-56.106	46.902	1314.54	782.12	5744.53
			END-J	937.279	-56.106	46.902	1314.54	993.18	5997.01

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
180	TANGENT	2	END-I	-2709.943	302.725	427.592	-5889.85	12331.64	-19434.90
			END-J	-2709.943	302.725	427.592	-5889.85	14255.81	-20797.16
181	BEND	1	END-I	937.279	56.106	-46.902	1314.54	-993.18	-5997.01
			CENTER	784.560	-705.215	-46.902	-20.04	-2228.77	-1365.76
			END-J	56.106	-1169.581	-46.902	-1837.42	-2158.77	12526.10
181	BEND	2	END-I	-2709.943	-302.725	-427.592	-5889.85	-14255.81	20797.16
			CENTER	-2130.278	1702.161	-427.592	-16499.43	-11357.98	10363.18
			END-J	-302.725	2709.943	-427.592	-21952.46	-1806.80	-22532.78
182	TANGENT	1	END-I	56.106	1169.581	46.902	-1837.42	2158.77	-12526.10
			END-J	56.106	1276.389	46.902	-1837.42	2768.50	-28424.91
182	TANGENT	2	END-I	-302.725	-2709.943	427.592	-21952.46	1806.80	22532.78
			END-J	-302.725	-2709.943	427.592	-21952.46	7365.49	57762.04
183	TANGENT	1	END-I	410.892	10.626	3.027	-83.72	211.19	1090.95
			END-J	402.229	10.626	3.027	-83.72	230.49	1023.21
183	TANGENT	2	END-I	-1227.336	-62.349	262.718	176.23	-20743.97	-6519.35
			END-J	-1227.336	-62.349	262.718	176.23	-19069.14	-6121.88
184	TANGENT	1	END-I	402.229	10.626	3.027	-83.72	230.49	1023.21
			END-J	396.793	10.626	3.027	-83.72	242.59	980.71
184	TANGENT	2	END-I	-1227.336	-62.349	262.718	176.23	-19069.14	-6121.88
			END-J	-1227.336	-62.349	262.718	176.23	-18018.27	-5872.48
185	TANGENT	1	END-I	396.793	10.626	3.027	-83.72	242.59	980.71
			END-J	250.530	10.626	3.027	-83.72	568.37	-162.94
185	TANGENT	2	END-I	-1227.336	-62.349	262.718	176.23	-18018.27	-5872.48
			END-J	-1227.336	-62.349	262.718	176.23	10256.80	837.84
186	TANGENT	1	END-I	250.530	-6.591	2.629	-83.72	568.37	-162.94
			END-J	249.171	-6.591	2.629	-83.72	571.00	-156.35
186	TANGENT	2	END-I	-1227.336	242.156	417.598	176.23	10256.80	837.84
			END-J	-1227.336	242.156	417.598	176.23	10674.40	595.68
187	TANGENT	1	END-I	48.663	-6.591	2.629	-83.72	-625.96	-77.26
			END-J	47.304	-6.591	2.629	-83.72	-623.33	-70.67
187	TANGENT	2	END-I	-1227.336	242.156	417.598	176.23	15685.57	-2310.19
			END-J	-1227.336	242.156	417.598	176.23	16103.17	-2552.35
188	BEND	1	END-I	47.304	-0.271	-7.091	-83.72	275.20	-563.73
			CENTER	28.729	-29.113	-7.091	122.94	223.71	-486.88
			END-J	-0.271	-34.496	-7.091	232.66	41.18	-327.20

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
188	BEND	2	END-I	-1227.336	-474.559	88.436	176.23	-2984.04	16028.78
			CENTER	-1203.422	532.294	88.436	-1830.01	-1859.44	15885.30
			END-J	-474.559	1227.336	88.436	-2453.42	354.39	11512.12
189	TANGENT	1	END-I	-0.267	-34.496	-7.091	232.86	41.18	-327.06
			END-J	-0.267	-10.238	-7.091	232.86	-85.39	72.19
189	TANGENT	2	END-I	-474.613	1227.336	88.148	-2460.41	354.39	11510.63
			END-J	-474.613	1227.336	88.148	-2460.41	1927.83	-10397.23
190	BEND	1	END-I	-0.271	10.238	7.091	232.90	85.39	-72.04
			CENTER	2.519	2.903	7.091	237.53	-74.22	-103.12
			END-J	-2.570	0.271	7.091	127.94	-190.36	-107.17
190	BEND	2	END-I	-474.559	-1227.336	-88.436	-2466.72	-1927.83	10395.73
			CENTER	-1203.421	-532.296	-88.436	-3262.83	5.84	14768.90
			END-J	-1227.338	474.555	-88.436	-2458.45	1936.09	14912.40
191	TANGENT	1	END-I	-2.570	-6.591	2.629	127.94	37.29	-215.25
			END-J	-62.196	-6.591	2.629	127.94	152.62	73.93
191	TANGENT	2	END-I	-1227.336	242.156	417.598	-2458.45	-13404.54	6815.16
			END-J	-1227.336	242.156	417.598	-2458.45	4917.55	-3809.46
192	TANGENT	1	END-I	-62.196	-6.591	2.629	127.94	152.62	73.93
			END-J	-67.802	-6.591	2.629	127.94	163.46	101.12
192	TANGENT	2	END-I	-1227.336	242.156	417.598	-2458.45	4917.55	-3809.46
			END-J	-1227.336	242.156	417.598	-2458.45	6640.14	-4808.35
193	TANGENT	1	END-I	0.155	42.293	4.677	-362.81	-42.63	303.24
			END-J	0.155	47.899	4.677	-362.81	-23.33	117.22
193	TANGENT	2	END-I	-2058.739	706.002	-1356.067	-395.75	-370.11	7285.22
			END-J	-2058.739	706.002	-1356.067	-395.75	-5963.88	4372.96
194	TANGENT	1	END-I	2.783	25.509	11.268	-261.69	-85.31	139.78
			END-J	2.783	31.115	11.268	-261.69	-38.83	22.99
194	TANGENT	2	END-I	-1641.142	521.334	-1598.223	-5204.10	2828.56	645.08
			END-J	-1641.142	521.334	-1598.223	-5204.10	-3764.12	-1505.42
195	BEND	1	END-I	0.155	4.677	-47.899	-362.81	117.22	23.33
			CENTER	1.933	4.262	-51.101	-312.70	133.43	12.67
			END-J	3.417	3.198	-54.303	-261.66	121.88	3.76
195	BEND	2	END-I	-2058.739	-1356.067	-706.002	-395.75	4372.96	5963.88
			CENTER	-2420.979	-464.955	-706.002	985.43	2570.39	8137.32
			END-J	-2414.615	496.949	-706.002	1571.62	376.47	8099.14
196	BEND	1	END-I	3.417	3.198	-54.303	-261.67	121.87	3.76
			CENTER	4.380	1.647	-57.505	-220.40	84.32	-2.02
			END-J	4.677	-0.155	-60.708	-198.11	26.48	-3.80

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
196	BEND	2	END-I	-2414.632	496.864	-706.002	1571.61	376.53	8099.14
			CENTER	-2040.663	1383.118	-706.002	1273.59	-1874.71	5855.32
			END-J	-1355.995	2058.787	-706.002	136.71	-3840.52	1747.31
197	TANGENT	1	END-I	4.677	60.708	-0.155	-198.11	3.80	26.47
			END-J	4.677	62.067	-0.155	-198.11	3.65	-34.92
197	TANGENT	2	END-I	-1356.067	706.002	2058.739	136.84	-1747.31	-3840.51
			END-J	-1356.067	706.002	2058.739	136.84	311.43	-4546.52
198	TANGENT	1	END-I	4.677	262.575	-0.155	-198.11	1.79	-1982.76
			END-J	4.677	265.293	-0.155	-198.11	1.48	-2510.63
198	TANGENT	2	END-I	-1356.067	706.002	2058.739	136.84	25016.30	-13018.55
			END-J	-1356.067	706.002	2058.739	136.84	29133.78	-14430.55
199	BEND	1	END-I	2.783	11.268	-31.115	-261.69	22.99	38.83
			CENTER	6.882	9.346	-34.316	-247.68	46.21	14.24
			END-J	9.934	6.003	-37.517	-227.32	54.96	-4.08
199	BEND	2	END-I	-1641.142	-1598.223	-521.334	-5204.10	-1505.42	3764.12
			CENTER	-2127.704	-848.845	-521.334	-5622.08	-596.71	6683.49
			END-J	-2290.586	29.665	-521.334	-5660.64	402.78	7660.78
200	BEND	1	END-I	9.935	6.002	-37.517	-227.31	54.97	-4.08
			CENTER	11.475	1.742	-40.720	-206.59	47.91	-13.32
			END-J	11.268	-2.783	-43.922	-191.62	26.09	-12.08
200	BEND	2	END-I	-2290.584	29.808	-521.334	-5660.62	403.13	7660.78
			CENTER	-2104.738	904.290	-521.334	-5313.44	1341.82	6545.71
			END-J	-1598.326	1641.042	-521.334	-4633.41	2076.15	3507.23
201	TANGENT	1	END-I	11.268	43.922	-2.783	-191.62	12.08	26.11
			END-J	11.268	45.281	-2.783	-191.62	9.30	-18.50
201	TANGENT	2	END-I	-1598.223	521.334	1641.142	-4633.28	-3507.23	2076.44
			END-J	-1598.223	521.334	1641.142	-4633.28	-1866.09	1555.10
202	TANGENT	1	END-I	11.268	245.789	-2.783	-191.62	-24.10	-1764.92
			END-J	11.268	248.507	-2.783	-191.62	-29.67	-2259.22
202	TANGENT	2	END-I	-1598.223	521.334	1641.142	-4633.28	17827.61	-4700.90
			END-J	-1598.223	521.334	1641.142	-4633.28	21109.89	-5743.57
203	BEND	1	END-I	-50.286	-1.224	-4843.148	1168.15	25787.12	7781.94
			CENTER	-50.296	-0.648	-4790.588	1336.15	3610.93	7786.25
			END-J	-50.300	-0.073	-4738.028	1251.72	-18323.91	7787.91
203	BEND	2	END-I	-2086.793	-618.761	-169.283	-874.37	2706.26	330094.15
			CENTER	-2093.738	-594.838	-169.283	-847.80	1937.26	332885.97
			END-J	-2100.409	-570.837	-169.283	-830.03	1168.01	335567.54

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
204	TANGENT	1	END-I	7.129	-646.717	5.229	-8099.97	1476.37	-11872.58
			END-J	7.129	-627.908	5.229	-8099.97	1492.19	-9944.48
204	TANGENT	2	END-I	178.256	170.924	463.894	-15762.80	19124.78	-7437.92
			END-J	178.256	170.924	463.894	-15762.80	20528.23	-7955.03
205	TANGENT	1	END-I	-49.136	-105.636	0.664	-1672.61	-340.53	3791.34
			END-J	-49.136	-57.073	0.664	-1672.61	-328.24	5296.43
205	TANGENT	2	END-I	-100.942	-116.852	-69.974	4442.11	218.34	-7458.95
			END-J	-100.942	-116.852	-69.974	4442.11	-1076.21	-5297.15
206	TANGENT	1	END-I	-17.703	-932.097	24.874	-26288.64	9802.82	122575.92
			END-J	-17.703	-803.136	24.874	-26288.64	10325.17	140795.86
206	TANGENT	2	END-I	-1148.908	-647.953	624.732	-7410.82	291575.73	-17275.53
			END-J	-1148.908	-647.953	624.732	-7410.82	304695.10	-3668.51
207	TANGENT	1	END-I	-6262.885	-526.785	-0.000	-0.00	0.00	-14141.25
			END-J	-6262.885	-526.785	-0.000	-0.00	0.00	0.00
207	TANGENT	2	END-I	-0.000	0.000	-0.000	0.00	0.00	0.00
			END-J	-0.000	0.000	-0.000	0.00	0.00	-0.00
208	TANGENT	1	END-I	-17.703	5481.864	24.874	-40429.89	10325.17	140795.86
			END-J	-17.703	5610.825	24.874	-40429.89	10847.52	24322.61
208	TANGENT	2	END-I	-1148.908	-647.953	624.732	-7410.82	304695.10	-3668.51
			END-J	-1148.908	-647.953	624.732	-7410.82	317814.47	9938.50
209	TANGENT	1	END-I	0.0	-338.233	-0.000	-808.50	0.00	-306.22
			END-J	0.0	-334.663	-0.000	-808.50	0.00	1712.46
209	TANGENT	2	END-I	-0.000	29.623	-0.000	-0.00	0.00	633.18
			END-J	-0.000	29.623	-0.000	-0.00	0.00	455.45
210	TANGENT	1	END-I	-488.276	-41.064	-0.000	0.00	0.00	-1112.65
			END-J	-488.276	-41.064	-0.000	0.00	0.00	-0.00
210	TANGENT	2	END-I	-0.000	-0.000	0.000	0.00	0.00	-0.00
			END-J	-0.000	-0.000	0.000	0.00	0.00	-0.00
211	TANGENT	1	END-I	0.0	155.337	-0.000	0.00	0.00	2476.86
			END-J	0.0	158.907	-0.000	0.00	0.00	1534.13
211	TANGENT	2	END-I	-0.000	29.623	-0.000	0.00	0.00	455.45
			END-J	-0.000	29.623	-0.000	0.00	0.00	277.71
212	TANGENT	1	END-I	-24.874	-813.176	-17.703	41479.86	9764.01	128888.27
			END-J	-24.874	-693.644	-17.703	41479.86	9392.25	144709.88

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
212	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	208905.72	-46716.48
			END-J	-624.732	652.408	-1148.908	-26257.28	184778.66	-60417.05
213	TANGENT	1	END-I	-6262.885	-526.785	-0.000	0.00	-0.00	-14141.25
			END-J	-6262.885	-526.785	-0.000	0.00	0.00	0.00
213	TANGENT	2	END-I	-0.000	0.000	-0.000	0.00	0.00	0.00
			END-J	-0.000	0.000	-0.000	0.00	0.00	-0.00
214	TANGENT	1	END-I	-24.874	5591.356	-17.703	27338.61	9392.25	144709.88
			END-J	-24.874	5710.888	-17.703	27338.61	9020.48	26036.33
214	TANGENT	2	END-I	-624.732	652.408	-1148.908	-26257.28	184778.66	-60417.05
			END-J	-624.732	652.408	-1148.908	-26257.28	160651.60	-74117.61
215	TANGENT	1	END-I	-35.619	-6605.757	-35.516	58805.58	1253.24	-96229.97
			END-J	-35.619	-6486.225	-35.516	58805.58	507.39	41235.83
215	TANGENT	2	END-I	-1888.858	108.561	-1081.567	-4331.52	-46363.01	13328.33
			END-J	-1888.858	108.561	-1081.567	-4331.52	-69075.91	11048.55
216	TANGENT	1	END-I	-6262.884	-526.788	-0.000	0.00	-0.00	-14141.34
			END-J	-6262.884	-526.788	-0.000	0.00	0.00	-0.00
216	TANGENT	2	END-I	-0.000	-0.000	0.000	-0.00	-0.00	-0.00
			END-J	-0.000	-0.000	0.000	-0.00	0.00	0.00
217	TANGENT	1	END-I	-35.619	-201.225	-35.516	48806.15	507.39	51235.27
			END-J	-35.619	-81.693	-35.516	48806.15	-238.45	54205.90
217	TANGENT	2	END-I	-1888.858	108.561	-1081.567	-4331.52	-69075.91	11048.55
			END-J	-1888.858	108.561	-1081.567	-4331.52	-91788.82	8768.77
218	TANGENT	1	END-I	0.000	-314.522	-0.000	-426.65	0.00	582.28
			END-J	0.000	-310.952	-0.000	-426.65	0.00	2458.86
218	TANGENT	2	END-I	0.000	-14.250	-0.000	0.01	0.00	-304.57
			END-J	0.000	-14.250	-0.000	0.01	0.00	-219.06
219	TANGENT	1	END-I	-489.542	-21.191	-0.000	0.00	0.00	-572.69
			END-J	-489.542	-21.191	-0.000	0.00	-0.00	0.00
219	TANGENT	2	END-I	-0.000	-0.000	-0.000	0.00	0.00	-0.00
			END-J	-0.000	-0.000	-0.000	0.00	-0.00	-0.00
220	TANGENT	1	END-I	0.000	179.048	-0.000	0.21	0.00	2841.03
			END-J	0.000	182.618	-0.000	0.21	0.00	1756.07
220	TANGENT	2	END-I	-0.000	-14.250	-0.000	-0.02	0.00	-219.06
			END-J	-0.000	-14.250	-0.000	-0.02	0.00	-133.57

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
221	TANGENT	1	END-I	11.017	-7.171	-0.000	0.00	0.00	-33.50
			END-J	10.895	-7.092	-0.000	0.00	0.00	-0.00
221	TANGENT	2	END-I	-0.000	-0.000	-0.000	0.00	0.00	0.00
			END-J	-0.000	-0.000	-0.000	0.00	0.00	0.00
222	TANGENT	1	END-I	-50.297	-1855.586	0.586	-10674.25	-7793.07	100144.56
			END-J	-50.297	-1727.923	0.586	-10674.25	-7780.88	137392.65
222	TANGENT	2	END-I	-2094.473	169.283	592.244	-767.68	-362149.20	6700.94
			END-J	-2094.473	169.283	592.244	-767.68	-349837.27	3181.78
223	TANGENT	1	END-I	-6262.884	-526.788	0.000	-0.00	0.00	-14141.34
			END-J	-6262.884	-526.788	0.000	-0.00	-0.00	-0.00
223	TANGENT	2	END-I	-0.000	0.000	0.000	-0.00	-0.00	0.00
			END-J	-0.000	0.000	0.000	-0.00	0.00	-0.00
224	TANGENT	1	END-I	-50.299	4557.077	-0.430	692.76	-7780.88	137290.37
			END-J	-50.299	4687.345	-0.430	692.76	-7790.01	39240.10
224	TANGENT	2	END-I	-2106.011	169.283	549.808	-831.81	-349837.27	3165.63
			END-J	-2106.011	169.283	549.808	-831.81	-338174.27	-425.35
225	TANGENT	1	END-I	-881.258	-103.439	12.070	54.04	4366.27	4479.31
			END-J	-869.764	-103.439	12.070	54.04	4450.76	5203.38
225	TANGENT	2	END-I	-291.937	-15.536	278.367	12775.12	28854.21	-4093.77
			END-J	-291.937	-15.536	278.367	12775.12	30802.78	-3985.02
226	TANGENT	1	END-I	-699.508	-26.245	-0.000	0.00	0.00	-262.64
			END-J	-699.508	-26.245	-0.000	0.00	-0.00	-0.00
226	TANGENT	2	END-I	-0.000	0.000	0.000	-0.00	-0.00	-0.00
			END-J	-0.000	0.000	0.000	-0.00	0.00	0.00
227	TANGENT	1	END-I	-33.309	-169.764	98.670	-4164.48	54.04	-5172.57
			END-J	-33.309	-156.628	98.670	-4164.48	843.37	-3867.04
227	TANGENT	2	END-I	-275.515	-291.937	-42.671	10301.28	12775.12	-29301.45
			END-J	-275.515	-291.937	-42.671	10301.28	12433.76	-26960.02
228	TANGENT	1	END-I	-110.898	292.534	39.538	-1956.91	-208.12	-7149.59
			END-J	-110.898	306.081	39.538	-1956.91	118.08	-9619.01
228	TANGENT	2	END-I	-509.478	116.931	108.231	-11729.44	-6769.74	-8674.03
			END-J	-509.478	116.931	108.231	-11729.44	-5876.78	-9638.76
229	TANGENT	1	END-I	-699.507	-26.265	0.000	0.00	-0.00	-262.83
			END-J	-699.507	-26.265	0.000	0.00	0.00	0.00

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
229	TANGENT	2	END-I	0.000	-0.000	-0.000	-0.00	0.00	-0.00
			END-J	0.000	-0.000	-0.000	-0.00	-0.00	-0.00
230	TANGENT	1	END-I	-1006.081	-117.612	5.390	-118.08	1017.68	-10022.17
			END-J	-1017.575	-117.612	5.390	-118.08	1055.40	-9198.89
230	TANGENT	2	END-I	-116.931	-518.861	-45.442	5876.78	-8399.14	-12646.74
			END-J	-116.931	-518.861	-45.442	5876.78	-8717.23	-9014.71
231	TANGENT	1	END-I	-69.058	-1178.186	-38.791	3916.49	749.02	28441.88
			END-J	-69.058	-1143.229	-38.791	3916.49	399.90	38888.42
231	TANGENT	2	END-I	-3810.550	-1198.026	-2089.004	55907.58	39848.03	-26262.70
			END-J	-3810.550	-1198.026	-2089.004	55907.58	21046.68	-15480.29
232	TANGENT	1	END-I	-1898.685	-70.680	0.000	-0.00	-0.00	-1520.67
			END-J	-1898.685	-70.680	0.000	-0.00	0.00	-0.00
232	TANGENT	2	END-I	-0.000	0.000	0.000	-0.00	-0.00	0.00
			END-J	-0.000	0.000	0.000	-0.00	0.00	-0.00
233	TANGENT	1	END-I	-69.058	756.771	-38.791	2395.82	399.90	38887.95
			END-J	-69.058	791.727	-38.791	2395.82	50.78	31919.59
233	TANGENT	2	END-I	-3810.550	-1198.026	-2089.004	55907.58	21046.68	-15480.29
			END-J	-3810.550	-1198.026	-2089.004	55907.58	2245.34	-4697.88
234	TANGENT	1	END-I	980.800	40.914	-148.621	-2343.71	6788.58	4386.17
			END-J	972.634	40.914	-148.621	-2343.71	6491.34	4304.34
234	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	-5593.82	-35406.83
			END-J	-81.781	-888.270	857.870	-4054.66	-3878.08	-33630.29
235	TANGENT	1	END-I	17.206	-359.589	-0.000	-0.00	0.00	-1956.19
			END-J	17.206	-359.589	-0.000	-0.00	0.00	0.00
235	TANGENT	2	END-I	0.000	0.000	0.000	-0.00	-0.00	0.00
			END-J	0.000	0.000	0.000	-0.00	-0.00	0.00
236	TANGENT	1	END-I	612.634	40.914	-148.621	-2343.71	8446.14	4230.54
			END-J	604.468	40.914	-148.621	-2343.71	8148.90	4148.71
236	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	-3878.08	-33630.29
			END-J	-81.781	-888.270	857.870	-4054.66	-2162.34	-31853.75
237	TANGENT	1	END-I	473.012	40.914	-148.621	-2343.71	5770.96	3494.10
			END-J	464.846	40.914	-148.621	-2343.71	5473.72	3412.27
237	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	11563.59	-17641.43
			END-J	-81.781	-888.270	857.870	-4054.66	13279.33	-15864.89

PIPE FORCES AND MOMENTS

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
238	TANGENT	1	END-I	17.206	-359.589	-0.000	0.00	0.00	-1956.19
			END-J	17.206	-359.589	-0.000	0.00	0.00	0.00
238	TANGENT	2	END-I	0.000	0.000	-0.000	-0.00	-0.00	0.00
			END-J	0.000	0.000	-0.000	-0.00	-0.00	0.00
239	TANGENT	1	END-I	104.846	40.914	-148.621	-2343.71	7428.52	3338.47
			END-J	96.680	40.914	-148.621	-2343.71	7131.28	3256.64
239	TANGENT	2	END-I	-81.781	-888.270	857.870	-4054.66	13279.33	-15864.89
			END-J	-81.781	-888.270	857.870	-4054.66	14995.07	-14088.35
240	TANGENT	1	END-I	523.975	-56.106	46.902	1314.54	684.51	7474.91
			END-J	532.141	-56.106	46.902	1314.54	778.32	7587.12
240	TANGENT	2	END-I	-2709.943	302.725	427.592	-5889.85	10621.28	-18224.00
			END-J	-2709.943	302.725	427.592	-5889.85	11476.46	-18829.45
241	TANGENT	1	END-I	17.200	-359.589	0.000	0.00	-0.00	-1956.87
			END-J	17.200	-359.589	0.000	0.00	0.00	0.00
241	TANGENT	2	END-I	0.0	0.000	-0.000	0.00	-0.00	0.0
			END-J	0.0	0.000	-0.000	0.00	-0.00	0.00
242	TANGENT	1	END-I	892.141	-56.106	46.902	1314.54	688.32	5632.32
			END-J	900.307	-56.106	46.902	1314.54	782.12	5744.53
242	TANGENT	2	END-I	-2709.943	302.725	427.592	-5889.85	11476.46	-18829.45
			END-J	-2709.943	302.725	427.592	-5889.85	12331.64	-19434.90
243	TANGENT	1	END-I	4.677	62.067	-0.155	-198.11	3.65	-34.92
			END-J	4.677	64.821	-0.155	-198.11	2.72	-415.58
243	TANGENT	2	END-I	-1356.067	706.002	2058.739	136.84	311.43	-4546.52
			END-J	-1356.067	706.002	2058.739	136.84	12663.86	-8782.53
244	TANGENT	1	END-I	-195.000	-0.000	0.000	0.00	-0.00	0.00
			END-J	-195.000	-0.000	0.000	0.00	0.00	0.0
244	TANGENT	2	END-I	0.0	0.000	0.000	-0.00	-0.00	0.00
			END-J	0.0	0.000	0.000	-0.00	0.00	0.00
245	TANGENT	1	END-I	4.677	259.821	-0.155	-198.11	2.72	-415.58
			END-J	4.677	262.575	-0.155	-198.11	1.79	-1982.76
245	TANGENT	2	END-I	-1356.067	706.002	2058.739	136.84	12663.86	-8782.53
			END-J	-1356.067	706.002	2058.739	136.84	25016.30	-13018.55
246	TANGENT	1	END-I	11.268	45.281	-2.783	-191.62	9.30	-18.50
			END-J	11.268	48.035	-2.783	-191.62	-7.40	-298.45

P I P E F O R C E S A N D M O M E N T S

ELEMENT NUMBER	ELEMENT TYPE	LOAD CASE	STATION	AXIAL FORCE	Y-AXIS SHEAR	Z-AXIS SHEAR	TORSIONAL MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
246	TANGENT	2	END-I	-1598.223	521.334	1641.142	-4633.28	-1866.09	1555.10
			END-J	-1598.223	521.334	1641.142	-4633.28	7980.76	-1572.90
247	TANGENT	1	END-I	-195.000	-0.000	-0.000	0.0	0.00	-0.00
			END-J	-195.000	-0.000	-0.000	0.0	-0.00	0.0
247	TANGENT	2	END-I	-0.000	-0.000	-0.000	0.0	0.00	-0.00
			END-J	-0.000	-0.000	-0.000	0.0	-0.00	0.00
248	TANGENT	1	END-I	11.268	243.035	-2.783	-191.62	-7.40	-298.45
			END-J	11.268	245.789	-2.783	-191.62	-24.10	-1764.92
248	TANGENT	2	END-I	-1598.223	521.334	1641.142	-4633.28	7980.76	-1572.90
			END-J	-1598.223	521.334	1641.142	-4633.28	17827.61	-4700.90
249	TANGENT	1	END-I	249.171	-6.591	2.629	-83.72	571.00	-156.35
			END-J	246.417	-6.591	2.629	-83.72	586.77	-116.81
249	TANGENT	2	END-I	-1227.336	242.156	417.598	176.23	10674.40	595.68
			END-J	-1227.336	242.156	417.598	176.23	13179.98	-857.25
250	TANGENT	1	END-I	0.0	-195.000	0.000	0.0	-0.00	-1228.50
			END-J	0.0	-195.000	0.000	0.0	-0.00	-0.00
250	TANGENT	2	END-I	-0.000	0.000	0.000	0.0	-0.00	0.00
			END-J	-0.000	0.000	0.000	0.0	0.00	-0.00
251	TANGENT	1	END-I	51.417	-6.591	2.629	-83.72	-641.73	-116.81
			END-J	48.663	-6.591	2.629	-83.72	-625.96	-77.26
251	TANGENT	2	END-I	-1227.336	242.156	417.598	176.23	13179.98	-857.25
			END-J	-1227.336	242.156	417.598	176.23	15685.57	-2310.19
252	TANGENT	1	END-I	11.018	-7.170	-0.000	-0.00	0.00	-33.49
			END-J	10.896	-7.091	-0.000	-0.00	0.00	-0.00
252	TANGENT	2	END-I	-0.000	0.000	-0.000	-0.00	0.00	-0.00
			END-J	-0.000	0.000	-0.000	-0.00	0.00	-0.00
253	TANGENT	1	END-I	-110.895	266.942	39.548	-1957.56	-593.68	-4422.19
			END-J	-110.895	292.534	39.548	-1957.56	-208.12	-7149.41
253	TANGENT	2	END-I	-509.468	116.931	108.278	-11730.23	-7825.36	-7532.99
			END-J	-509.468	116.931	108.278	-11730.23	-6769.74	-8672.97

BOUNDARY ELEMENT FORCES/MOMENTS

ELEMENT NUMBER	LOAD CASE	FORCE	MOMENT
1	1	0.10642D+02	0.75126D+04
1	2	0.30000D+10	0.46001D+10
2	1	-0.11443D+04	0.73592D+04
2	2	-0.77000D+11	-0.99397D+08
3	1	-0.53323D+02	0.12888D+05
3	2	0.98990D+13	0.15933D+06
4	1	-0.88083D+01	0.69466D+04
4	2	-0.27800D+12	0.14397D+05
5	1	0.45656D+03	-0.15712D+04
5	2	0.77600D+12	-0.27501D+05
6	1	0.75848D+00	-0.41375D+04
6	2	0.32600D+12	0.58810D+04
7	1	-0.41430D+04	0.0
7	2	0.33118D+04	0.0
8	1	-0.58048D+04	0.0
8	2	-0.19798D+04	0.0
9	1	-0.78336D+04	0.0
9	2	0.37530D+03	0.0
10	1	-0.20448D+03	0.0
10	2	-0.29623D+02	0.0
11	1	-0.20852D+04	0.0
11	2	0.95468D+03	0.0
12	1	-0.32903D+04	0.0
12	2	-0.11595D+04	0.0
13	1	-0.14750D+05	0.0
13	2	-0.51397D+03	0.0

14	1	-0.40865D+04	0.0
14	2	-0.31210D+03	0.0
15	1	-0.22819D+03	0.0
15	2	0.14250D+02	0.0
16	1	-0.26106D+04	0.0
16	2	0.35857D+03	0.0
17	1	-0.55823D+04	0.0
17	2	-0.22092D+03	0.0
18	1	-0.23824D+04	0.0
18	2	0.14611D+03	0.0
19	1	-0.21926D+04	0.0
19	2	-0.67073D+03	0.0
20	1	-0.55892D+02	0.0
20	2	-0.28766D+04	0.0
21	1	0.75369D+02	0.0
21	2	-0.13935D+02	0.0
22	1	0.11189D+03	0.0
22	2	0.43857D+03	0.0
23	1	-0.15337D+04	0.0
23	2	0.27747D+03	0.0
24	1	-0.33922D+04	0.0
24	2	0.31111D+04	0.0
25	1	-0.14449D+04	0.0
25	2	-0.39128D+03	0.0
26	1	-0.13525D+04	0.0
26	2	0.12135D+04	0.0
27	1	0.78102D+02	0.0
27	2	0.55830D+04	0.0
28	1	-0.53799D+04	0.0
28	2	-0.10250D+04	0.0

29	1	0.25433D+03	0.0
29	2	0.26712D+04	0.0
30	1	-0.24035D+02	0.0
30	2	-0.21844D+04	0.0
31	1	0.39842D+00	0.0
31	2	-0.15488D+03	0.0
32	1	0.17217D+02	0.0
32	2	-0.30451D+03	0.0
33	1	-0.14770D+03	0.0
33	2	-0.31320D+03	0.0
34	1	0.35998D+02	0.0
34	2	0.33933D+03	0.0
35	1	-0.66067D+03	0.0
35	2	0.39100D+03	0.0
36	1	-0.56289D+01	0.0
36	2	-0.17675D+03	0.0
37	1	-0.63919D+03	0.0
37	2	-0.12871D+03	0.0

B O U N D A R Y E L E M E N T F O R C E S / M O M E N T S

ELEMENT NUMBER	LOAD CASE	FORCE	MOMENT
1	1	-0.92940D+00	0.0
1	2	-0.93932D+02	0.0
2	1	-0.85971D+00	0.0
2	2	0.40030D+02	0.0

S T A T I C S O L U T I O N T I M E L O G

EQUATION SOLUTION = 2.06
DISPLACEMENT OUTPUT = 0.30
STRESS RECOVERY = 1.56

O V E R A L L T I M E L O G

NODAL POINT INPUT	=	0.64
ELEMENT STIFFNESS FORMATION	=	5.54
NODAL LOAD INPUT	=	0.11
TOTAL STIFFNESS FORMATION	=	1.65
STATIC ANALYSIS	=	3.92
EIGENVALUE EXTRACTION	=	0.0
STRUCTURE PLOTTING	=	0.00
FORCED RESPONSE ANALYSIS	=	0.0
RESPONSE SPECTRUM ANALYSIS	=	0.0
STEP-BY-STEP INTEGRATION	=	0.0
FREQUENCY RESPONSE ANALYSIS	=	0.0
TOTAL SOLUTION TIME	=	11.85

S N U B B E R E L E M E N T S

SNUBBER ID	LOCATION NODE	DIRECTION NODE	TYPE CODE	DIRECTION COSINES DX	DY	DZ	STIFFNESS
1	99	254	10	0.0	0.0	0.0	1.7400D+05
2	100	255	10	0.0	0.0	0.0	1.7400D+05
3	12	305	10	0.0	0.0	0.0	1.7400D+05
4	117	259	10	0.0	0.0	0.0	2.6000D+04
5	122	261	10	0.0	0.0	0.0	1.7400D+05
6	132	263	10	0.0	0.0	0.0	1.7400D+05
7	134	266	10	0.0	0.0	0.0	1.7400D+05
8	140	268	10	0.0	0.0	0.0	1.7400D+05
9	150	270	10	0.0	0.0	0.0	2.6000D+04
10	155	272	10	0.0	0.0	0.0	1.7400D+05
11	163	275	10	0.0	0.0	0.0	1.3600D+05
12	164	276	10	0.0	0.0	0.0	1.3600D+05
13	175	278	10	0.0	0.0	0.0	2.6000D+04
14	176	280	10	0.0	0.0	0.0	1.3600D+05
15	180	284	10	0.0	0.0	0.0	1.0400D+05
16	186	286	10	0.0	0.0	0.0	1.3600D+05
17	187	287	10	0.0	0.0	0.0	1.3600D+05
18	188	288	10	0.0	0.0	0.0	1.0400D+05
19	252	304	10	0.0	0.0	0.0	1.3600D+05
20	207	294	10	0.0	0.0	0.0	2.6000D+04

```
E I G E N V A L U E   A N A L Y S I S

SUBSPACE ITERATION SOLUTION IS CARRIED OUT

CONTROL INFORMATION

    FLAG FOR ADDITIONAL PRINTING  =     0
      EQ.0, SUPPRESS
      EQ.1, PRINT

    STURM SEQUENCE CHECK FLAG (*) =     0
      EQ.0, PERFORM CHECK
      EQ.1, PASS

    MAXIMUM ITERATION CYCLES (*)  =    16

    CONVERGENCE TOLERANCE (*)     =     0.1000D-04

    CUT-OFF FREQUENCY (CPS)       =     0.1000D+09

    NUMBER OF STARTING ITERATION
    VECTORS TO BE READ FROM
    TAPE10 (*)                    =     0

    (*)  APPLICABLE TO SUBSPACE
         ITERATION SOLUTIONS ONLY

SOLUTION IS SOUGHT FOR FOLLOWING EIGENPROBLEM

NUMBER OF EQUATIONS                = 1476

HALF BANDWIDTH OF STIFFNESS MATRIX =   42

NUMBER OF EQUATION BLOCKS          =    4

NUMBER OF EQUATIONS PER BLOCK      =  380

NUMBER OF EIGENVALUES REQUIRED     =   50

TIME FOR GENERATION OF INITIAL TR-VECTORS    0.52

TIME FOR STIFFNESS FACTORIZATION      1.01

ITERATION NUMBER (*SSPCEB*) =     1
```

AFTER 10 SWEEPS IN *JACOBI* THE EIGENVALUES ARE

0.4493D+05	0.1589D+05	0.1295D+06	0.3137D+05	0.1370D+06	0.1142D+06	0.2842D+06	0.3744D+04	0.6022D+05	0.2138D+05
0.1124D+05	0.5017D+05	0.3338D+05	0.2229D+06	0.1625D+06	0.3077D+05	0.4082D+04	0.4695D+04	0.5350D+05	0.3785D+04
0.4265D+05	0.6238D+04	0.5195D+04	0.1377D+05	0.4875D+06	0.7456D+05	0.4762D+06	0.3466D+05	0.4735D+05	0.3445D+05
0.8243D+05	0.2629D+05	0.4878D+04	0.2057D+05	0.4825D+04	0.2578D+05	0.6697D+05	0.1246D+06	0.9099D+04	0.2433D+05
0.3471D+06	0.3387D+06	0.1107D+05	0.5562D+04	0.2223D+05	0.6577D+04	0.2283D+05	0.2776D+06	0.1564D+05	0.4817D+06
0.8633D+05	0.8933D+03	0.7930D+04	0.1180D+07	0.4568D+05	0.1640D+07	0.6437D+05	0.1918D+06		

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW

0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01
0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01
0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01
0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01
0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01
0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01	0.1000D+01		

TIME USED IN ITERN STEP 31.09

TIME FOR EIGENVALUE SOLN 24.36

ITERATION NUMBER (*SSPCEB*) = 2

AFTER 7 SWEEPS IN *JACOBI* THE EIGENVALUES ARE

0.8915D+03	0.3723D+04	0.3663D+04	0.3390D+04	0.4653D+04	0.4796D+04	0.4864D+04	0.5105D+04	0.5356D+04	0.6135D+04
0.6432D+04	0.7790D+04	0.8750D+04	0.1045D+05	0.8024D+04	0.8940D+04	0.1134D+05	0.1268D+05	0.1650D+05	0.3354D+05
0.2237D+05	0.2112D+05	0.2581D+05	0.1879D+05	0.1538D+05	0.2289D+05	0.1965D+05	0.2650D+05	0.2445D+05	0.2411D+05
0.3824D+05	0.4339D+05	0.3979D+05	0.2553D+05	0.2731D+05	0.2931D+05	0.5636D+05	0.5538D+05	0.3129D+05	0.3522D+05
0.7855D+05	0.3614D+05	0.4534D+05	0.5019D+05	0.1123D+06	0.3578D+05	0.5287D+05	0.4959D+05	0.1886D+06	0.2391D+06
0.2152D+06	0.1737D+05	0.1204D+06	0.9250D+05	0.1519D+06	0.5795D+05	0.2662D+06	0.8679D+06		

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW

0.2033D-02	0.1044D+00	0.3329D-01	0.9624D-01	0.9157D-02	0.5985D-02	0.2863D-02	0.1760D-01	0.3847D-01	0.1689D-01
0.2254D-01	0.1800D-01	0.1340D+00	0.2651D+00	0.2569D+00	0.3174D+00	0.3789D+00	0.2538D+00	0.3371D+00	0.2959D+00
0.2800D+00	0.2148D+00	0.2383D+00	0.2205D+00	0.1749D+00	0.3438D+00	0.3012D+00	0.3650D+00	0.3495D+00	0.3432D+00
0.6092D+00	0.6451D+00	0.5586D+00	0.5131D+00	0.4960D+00	0.5191D+00	0.6832D+00	0.7812D+00	0.7512D+00	0.8738D+00
0.8998D+00	0.9039D+00	0.1302D+01	0.1482D+01	0.1450D+01	0.1474D+01	0.1883D+01	0.2310D+01	0.1837D+01	0.2001D+01
0.1530D+01	0.1813D+01	0.1285D+01	0.1525D+01	0.1239D+01	0.1039D+01	0.3433D+01	0.8894D+00		

TIME USED IN ITERN STEP 28.59

TIME FOR EIGENVALUE SOLN 21.65

ITERATION NUMBER (*SSPCEB*) = 3

AFTER 7 SWEEPS IN *JACOBI* THE EIGENVALUES ARE

0.8915D+03	0.3372D+04	0.3661D+04	0.3723D+04	0.4652D+04	0.4796D+04	0.4864D+04	0.5104D+04	0.5354D+04	0.6132D+04
0.6427D+04	0.7765D+04	0.7813D+04	0.8741D+04	0.8297D+04	0.1043D+05	0.1089D+05	0.1266D+05	0.1531D+05	0.1574D+05
0.1073D+05	0.1637D+05	0.1724D+05	0.1899D+05	0.2093D+05	0.1939D+05	0.2223D+05	0.2527D+05	0.2248D+05	0.2625D+05
0.2401D+05	0.2458D+05	0.2372D+05	0.2583D+05	0.3026D+05	0.3217D+05	0.2928D+05	0.3444D+05	0.3255D+05	0.3562D+05
0.3615D+05	0.3801D+05	0.4659D+05	0.4880D+05	0.4171D+05	0.5490D+05	0.5054D+05	0.4181D+05	0.7561D+05	0.3989D+05
0.4755D+05	0.1121D+06	0.1194D+06	0.9050D+05	0.1309D+06	0.9672D+05	0.1764D+06	0.2447D+06		

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW

0.7452D-07	0.5554D-02	0.7535D-03	0.9475D-05	0.4069D-04	0.2180D-04	0.3165D-04	0.1898D-03	0.3214D-03	0.4002D-03
0.7112D-03	0.3232D-02	0.2705D-01	0.5462D-01	0.2275D-01	0.2659D-02	0.5748D-01	0.1641D+00	0.2149D+00	0.7728D-01
0.1035D+00	0.1477D+00	0.1394D+00	0.1121D+00	0.1537D+00	0.9364D-01	0.8441D-01	0.8749D-01	0.7625D-01	0.7466D-01
0.7825D-01	0.8085D-01	0.1348D+00	0.1921D+00	0.1454D+00	0.1639D+00	0.1123D+00	0.1102D+00	0.1105D+00	0.1171D+00
0.2002D+00	0.1930D+00	0.2432D+00	0.2032D+00	0.2644D+00	0.1887D+00	0.1852D+00	0.1876D+00	0.5543D+00	0.6849D+00
0.4858D+00	0.3306D+00	0.5705D+00	0.6826D+00	0.8017D+00	0.8275D+00	0.5091D+00	0.2547D+01		

TIME USED IN ITERN STEP 27.69

TIME FOR EIGENVALUE SOLN 20.79

ITERATION NUMBER (*SSPCEB*) = 4

AFTER 6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE

0.8915D+03	0.3371D+04	0.3661D+04	0.3723D+04	0.4652D+04	0.4796D+04	0.4864D+04	0.5104D+04	0.5354D+04	0.6132D+04
0.6427D+04	0.7764D+04	0.7812D+04	0.8203D+04	0.8741D+04	0.1043D+05	0.1022D+05	0.1085D+05	0.1266D+05	0.1531D+05
0.1469D+05	0.1631D+05	0.1660D+05	0.1901D+05	0.1882D+05	0.2091D+05	0.2136D+05	0.2235D+05	0.2359D+05	0.2381D+05
0.2453D+05	0.2468D+05	0.2531D+05	0.2617D+05	0.2712D+05	0.2896D+05	0.3138D+05	0.3171D+05	0.3301D+05	0.3546D+05
0.3396D+05	0.3721D+05	0.3254D+05	0.4085D+05	0.4109D+05	0.4646D+05	0.4480D+05	0.4849D+05	0.4649D+05	0.5464D+05
0.7391D+05	0.8082D+05	0.9133D+05	0.5618D+05	0.1172D+06	0.9671D+05	0.7482D+05	0.1189D+06		

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW

0.3376D-11	0.1013D-03	0.5529D-05	0.3840D-07	0.4150D-06	0.1986D-06	0.6999D-07	0.5552D-05	0.9702D-05	0.1349D-04
0.2556D-04	0.6920D-04	0.9254D-04	0.1138D-01	0.5997D-04	0.2031D-01	0.2821D-01	0.3923D-02	0.2527D-04	0.4269D-01
0.2817D-01	0.3941D-02	0.3861D-01	0.9030D-02	0.2000D-01	0.1132D-02	0.4089D-01	0.6147D-02	0.5578D-02	0.8657D-02
0.1862D-02	0.2413D-01	0.2069D-01	0.3007D-02	0.7950D-01	0.4482D-01	0.2515D-01	0.2647D-01	0.5847D-01	0.7919D-01
0.6460D-01	0.7187D-01	0.7198D-01	0.2117D-01	0.1750D-01	0.3984D-01	0.2347D-01	0.4957D-01	0.4229D-01	0.4807D-02
0.3457D+00	0.2243D+00	0.2926D+00	0.3868D+00	0.3077D+00	0.3530D+00	0.5044D+00	0.1059D+01		

TIME USED IN ITERN STEP 26.38

TIME FOR EIGENVALUE SOLN 19.51

ITERATION NUMBER (*SSPCEB*) = 5

```
AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
   0.8915D+03   0.3371D+04   0.3661D+04   0.3723D+04   0.4652D+04   0.4796D+04   0.4864D+04   0.5104D+04   0.5354D+04   0.6132D+04
   0.6427D+04   0.7764D+04   0.7812D+04   0.8198D+04   0.8741D+04   0.1018D+05   0.1043D+05   0.1085D+05   0.1266D+05   0.1458D+05
   0.1531D+05   0.1629D+05   0.1654D+05   0.1877D+05   0.1901D+05   0.2091D+05   0.2065D+05   0.2234D+05   0.2359D+05   0.2314D+05
   0.2454D+05   0.2420D+05   0.2523D+05   0.2616D+05   0.2680D+05   0.2816D+05   0.3114D+05   0.2938D+05   0.3241D+05   0.3285D+05
   0.3352D+05   0.3543D+05   0.3696D+05   0.4078D+05   0.4190D+05   0.4454D+05   0.4639D+05   0.4373D+05   0.4841D+05   0.5454D+05
   0.3791D+05   0.6122D+05   0.7338D+05   0.7850D+05   0.8880D+05   0.7509D+05   0.1160D+06   0.9570D+05

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
   0.2232D-14   0.7912D-06   0.3339D-07   0.2653D-09   0.6864D-08   0.3490D-08   0.3719D-09   0.1111D-06   0.2173D-06   0.4135D-06
   0.8797D-06   0.1025D-05   0.3882D-05   0.5996D-03   0.1648D-05   0.3931D-02   0.7150D-04   0.8849D-04   0.3250D-06   0.7429D-02
   0.3850D-04   0.9433D-03   0.3714D-02   0.2961D-02   0.3332D-03   0.1257D-01   0.2141D-01   0.1567D-03   0.1960D-01   0.9017D-02
   0.1372D-01   0.5477D-02   0.2845D-02   0.6199D-03   0.1208D-01   0.2857D-01   0.6783D-01   0.1845D-01   0.3792D-02   0.4744D-02
   0.1310D-01   0.8715D-03   0.6781D-02   0.7748D-01   0.7682D-02   0.6929D-01   0.6241D-01   0.4380D-01   0.4525D-01   0.1286D+00
   0.3019D-01   0.2073D+00   0.1957D-01   0.7632D-01   0.1633D+00   0.8903D-01   0.2252D+00   0.2467D-01

TIME USED IN ITERN STEP   25.92

TIME FOR EIGENVALUE SOLN   18.96


ITERATION NUMBER (*SSPCEB*) =    6


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
   0.8915D+03   0.3371D+04   0.3661D+04   0.3723D+04   0.4652D+04   0.4796D+04   0.4864D+04   0.5104D+04   0.5354D+04   0.6132D+04
   0.6427D+04   0.7764D+04   0.7812D+04   0.8198D+04   0.8741D+04   0.1018D+05   0.1043D+05   0.1085D+05   0.1266D+05   0.1457D+05
   0.1531D+05   0.1629D+05   0.1653D+05   0.1876D+05   0.1901D+05   0.2044D+05   0.2091D+05   0.2234D+05   0.2292D+05   0.2359D+05
   0.2415D+05   0.2454D+05   0.2522D+05   0.2615D+05   0.2675D+05   0.2774D+05   0.2910D+05   0.3112D+05   0.3240D+05   0.3283D+05
   0.3345D+05   0.3542D+05   0.3694D+05   0.3593D+05   0.4076D+05   0.4156D+05   0.4341D+05   0.4445D+05   0.4636D+05   0.4839D+05
   0.5452D+05   0.5983D+05   0.7307D+05   0.6138D+05   0.7690D+05   0.8709D+05   0.9240D+05   0.1154D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
   0.6376D-16   0.3208D-08   0.1568D-09   0.1253D-11   0.5483D-10   0.2996D-10   0.3244D-11   0.1103D-08   0.2361D-08   0.6019D-08
   0.1403D-07   0.1400D-07   0.8708D-07   0.1492D-04   0.3278D-07   0.1708D-03   0.2661D-05   0.3812D-05   0.7693D-08   0.3791D-03
   0.2631D-05   0.9057D-04   0.2922D-03   0.3974D-03   0.4112D-04   0.1005D-01   0.7210D-05   0.1522D-04   0.9582D-02   0.2362D-03
   0.2042D-02   0.3381D-04   0.4927D-03   0.1625D-03   0.1646D-02   0.1513D-01   0.9877D-02   0.5021D-03   0.3448D-03   0.5807D-03
   0.2131D-02   0.1519D-03   0.2863D-01   0.2626D-01   0.5543D-03   0.8106D-02   0.7383D-02   0.2096D-02   0.4901D-03   0.4300D-03
   0.3896D-03   0.2323D-01   0.1955D+00   0.2762D-01   0.2081D-01   0.1974D-01   0.3572D-01   0.5249D-02

TIME USED IN ITERN STEP   25.34

TIME FOR EIGENVALUE SOLN   18.49


ITERATION NUMBER (*SSPCEB*) =    7


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
   0.8915D+03   0.3371D+04   0.3661D+04   0.3723D+04   0.4652D+04   0.4796D+04   0.4864D+04   0.5104D+04   0.5354D+04   0.6132D+04
```

0.6427D+04	0.7764D+04	0.7812D+04	0.8198D+04	0.8741D+04	0.1018D+05	0.1043D+05	0.1085D+05	0.1266D+05	0.1457D+05
0.1531D+05	0.1629D+05	0.1653D+05	0.1876D+05	0.1901D+05	0.2042D+05	0.2091D+05	0.2234D+05	0.2289D+05	0.2359D+05
0.2415D+05	0.2454D+05	0.2522D+05	0.2615D+05	0.2675D+05	0.2766D+05	0.2905D+05	0.3112D+05	0.3240D+05	0.3283D+05
0.3343D+05	0.3542D+05	0.3563D+05	0.3694D+05	0.4075D+05	0.4152D+05	0.4338D+05	0.4442D+05	0.4636D+05	0.4838D+05
0.5451D+05	0.5970D+05	0.5441D+05	0.724[illegible]D+05	0.7588D+05	0.8580D+05	0.9071D+05	0.1150D+06		

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW

0.1275D-15	0.8730D-11	0.5844D-12	0.3481D-14	0.2708D-12	0.1578D-12	0.1870D-13	0.6748D-11	0.1572D-10	0.5302D-10
0.1343D-09	0.1877D-09	0.1244D-08	0.2378D-06	0.7012D-09	0.4303D-05	0.6890D-07	0.9531D-07	0.2069D-09	0.1167D-04
0.1785D-06	0.6832D-05	0.2391D-04	0.4285D-04	0.4429D-05	0.9897D-03	0.6297D-06	0.1525D-05	0.1174D-02	0.3055D-04
0.2376D-03	0.3046D-05	0.8203D-04	0.3495D-04	0.2874D-03	0.2751D-02	0.1469D-02	0.1729D-04	0.6555D-04	0.9062D-04
0.4793D-03	0.4389D-04	0.8435D-02	0.9244D-04	0.1264D-03	0.9784D-03	0.5755D-03	0.6957D-03	0.1698D-03	0.1402D-03
0.1984D-02	0.9755D-01	0.2825D-01	0.8720D-02	0.1352D-01	0.1503D-01	0.1864D-01	0.3816D-02		

TIME USED IN ITERN STEP 25.18

TIME FOR EIGENVALUE SOLN 18.28

ITERATION NUMBER (*SSPCEB*) = 8

AFTER 6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE

0.8915D+03	0.3371D+04	0.3661D+04	0.3723D+04	0.4652D+04	0.4796D+04	0.4864D+04	0.5104D+04	0.5354D+04	0.6132D+04
0.6427D+04	0.7764D+04	0.7812D+04	0.8198D+04	0.8741D+04	0.1018D+05	0.1043D+05	0.1085D+05	0.1266D+05	0.1457D+05
0.1531D+05	0.1629D+05	0.1653D+05	0.1876D+05	0.1901D+05	0.2042D+05	0.2091D+05	0.2234D+05	0.2289D+05	0.2359D+05
0.2415D+05	0.2454D+05	0.2522D+05	0.2615D+05	0.2674D+05	0.2765D+05	0.2905D+05	0.3112D+05	0.3240D+05	0.3283D+05
0.3343D+05	0.3542D+05	0.3558D+05	0.3694D+05	0.4075D+05	0.4151D+05	0.4338D+05	0.4441D+05	0.4635D+05	0.4838D+05
0.5149D+05	0.5451D+05	0.5967D+05	0.7186D+05	0.7457D+05	0.8467D+05	0.8879D+05	0.1144D+06		

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW

0.3188D-15	0.1799D-13	0.2065D-14	0.6107D-16	0.1173D-14	0.9482D-15	0.0	0.3314D-13	0.8409D-13	0.3730D-12
0.1030D-11	0.2216D-11	0.1472D-10	0.3216D-08	0.1621D-10	0.8518D-07	0.1447D-08	0.1978D-08	0.6088D-11	0.4009D-06
0.1262D-07	0.5160D-06	0.1978D-05	0.4093D-05	0.4037D-06	0.7602D-04	0.6644D-07	0.1940D-06	0.1223D-03	0.4436D-05
0.2780D-04	0.3236D-06	0.1251D-04	0.6777D-05	0.5947D-04	0.4238D-03	0.2549D-03	0.9521D-06	0.1220D-04	0.1447D-04
0.1037D-03	0.1643D-04	0.1509D-02	0.1410D-04	0.3702D-04	0.2296D-03	0.8266D-04	0.2709D-03	0.6162D-04	0.4796D-04
0.5670D-01	0.7777D-05	0.3758D-03	0.8008D-02	0.1757D-01	0.1326D-01	0.2161D-01	0.4438D-02		

TIME USED IN ITERN STEP 24.99

TIME FOR EIGENVALUE SOLN 18.10

ITERATION NUMBER (*SSPCEB*) = 9

AFTER 6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE

0.8915D+03	0.3371D+04	0.3661D+04	0.3723D+04	0.4652D+04	0.4796D+04	0.4864D+04	0.5104D+04	0.5354D+04	0.6132D+04
0.6427D+04	0.7764D+04	0.7812D+04	0.8198D+04	0.8741D+04	0.1018D+05	0.1043D+05	0.1085D+05	0.1266D+05	0.1457D+05
0.1531D+05	0.1629D+05	0.1653D+05	0.1876D+05	0.1901D+05	0.2042D+05	0.2091D+05	0.2234D+05	0.2289D+05	0.2359D+05

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 0.2415D+05  0.2454D+05  0.2522D+05  0.2615D+05  0.2674D+05  0.2765D+05  0.2904D+05  0.3112D+05  0.3240D+05  0.3283D+05
 0.3343D+05  0.3542D+05  0.3556D+05  0.3694D+05  0.4075D+05  0.4151D+05  0.4338D+05  0.4440D+05  0.4635D+05  0.4838D+05
 0.5030D+05  0.5451D+05  0.5967D+05  0.7107D+05  0.7270D+05  0.8358D+05  0.8642D+05  0.1136D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
 0.6376D-16  0.1416D-14  0.1429D-14  0.2748D-15  0.0         0.1896D-15  0.1870D-15  0.1782D-15  0.5096D-15  0.2076D-14
 0.7641D-14  0.2436D-13  0.1600D-12  0.4067D-10  0.3716D-12  0.1504D-08  0.2744D-10  0.3709D-10  0.1865D-12  0.1772D-07
 0.8904D-09  0.3990D-07  0.1626D-06  0.4011D-06  0.3802D-07  0.5592D-05  0.7631D-08  0.2779D-07  0.1278D-04  0.6807D-06
 0.3335D-05  0.3635D-07  0.1986D-05  0.1335D-05  0.1246D-04  0.6551D-04  0.4720D-04  0.8507D-07  0.2369D-05  0.2327D-05
 0.1995D-04  0.4597D-05  0.3308D-03  0.2868D-05  0.1354D-04  0.7325D-04  0.1796D-04  0.1195D-03  0.2213D-04  0.1661D-04
 0.2373D-01  0.1759D-05  0.1124D-03  0.1110D-01  0.2565D-01  0.1313D-01  0.2739D-01  0.7337D-02

TIME USED IN ITERN STEP   24.82

TIME FOR EIGENVALUE SOLN   17.93


ITERATION NUMBER (*SSPCEB*) =   10


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
 0.8915D+03  0.3371D+04  0.3661D+04  0.3723D+04  0.4652D+04  0.4796D+04  0.4864D+04  0.5104D+04  0.5354D+04  0.6132D+04
 0.6427D+04  0.7764D+04  0.7812D+04  0.8198D+04  0.8741D+04  0.1018D+05  0.1043D+05  0.1085D+05  0.1266D+05  0.1457D+05
 0.1531D+05  0.1629D+05  0.1653D+05  0.1876D+05  0.1901D+05  0.2042D+05  0.2091D+05  0.2234D+05  0.2289D+05  0.2359D+05
 0.2415D+05  0.2454D+05  0.2522D+05  0.2615D+05  0.2674D+05  0.2765D+05  0.2904D+05  0.3112D+05  0.3240D+05  0.3283D+05
 0.3343D+05  0.3542D+05  0.3556D+05  0.3694D+05  0.4075D+05  0.4151D+05  0.4338D+05  0.4440D+05  0.4635D+05  0.4838D+05
 0.4974D+05  0.5451D+05  0.5966D+05  0.6839D+05  0.7157D+05  0.8229D+05  0.8433D+05  0.1120D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
 0.0         0.7081D-15  0.1149D-14  0.3511D-15  0.0         0.3793D-15  0.1870D-15  0.0         0.1699D-15  0.0
 0.4245D-15  0.2343D-15  0.1863D-14  0.5221D-12  0.8012D-14  0.2619D-10  0.5191D-12  0.6786D-12  0.6968D-14  0.9026D-09
 0.5914D-10  0.2965D-08  0.1259D-07  0.3882D-07  0.3636D-08  0.4316D-06  0.8988D-09  0.3928D-08  0.1439D-05  0.1048D-06
 0.4322D-06  0.4272D-08  0.3298D-06  0.2600D-06  0.2508D-05  0.1099D-04  0.9603D-05  0.9754D-08  0.5254D-06  0.3796D-06
 0.3752D-05  0.1194D-05  0.8492D-04  0.6197D-06  0.5820D-05  0.2940D-04  0.4459D-05  0.6362D-04  0.8183D-05  0.5741D-05
 0.1109D-01  0.4632D-06  0.4577D-04  0.3923D-01  0.1583D-01  0.1568D-01  0.2480D-01  0.1400D-01

TIME USED IN ITERN STEP   24.62

TIME FOR EIGENVALUE SOLN   17.71


ITERATION NUMBER (*SSPCEB*) =   11


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
 0.8915D+03  0.3371D+04  0.3661D+04  0.3723D+04  0.4652D+04  0.4796D+04  0.4864D+04  0.5104D+04  0.5354D+04  0.6132D+04
 0.6427D+04  0.7764D+04  0.7812D+04  0.8198D+04  0.8741D+04  0.1018D+05  0.1043D+05  0.1085D+05  0.1266D+05  0.1457D+05
 0.1531D+05  0.1629D+05  0.1653D+05  0.1876D+05  0.1901D+05  0.2042D+05  0.2091D+05  0.2234D+05  0.2289D+05  0.2359D+05
 0.2415D+05  0.2454D+05  0.2522D+05  0.2615D+05  0.2674D+05  0.2765D+05  0.2904D+05  0.3112D+05  0.3240D+05  0.3283D+05
 0.3343D+05  0.3542D+05  0.3556D+05  0.3694D+05  0.4075D+05  0.4151D+05  0.4338D+05  0.4440D+05  0.4635D+05  0.4838D+05
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  0.4944D+05  0.5451D+05  0.5966D+05  0.6442D+05  0.7119D+05  0.8084D+05  0.8313D+05  0.1090D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
  0.1275D-15  0.1349D-15  0.7920D-15  0.1221D-15  0.1955D-15  0.3793D-15  0.1870D-15  0.0         0.1699D-15  0.1483D-15
  0.1415D-15  0.2343D-15  0.1164D-15  0.7100D-14  0.2081D-15  0.4693D-12  0.9851D-14  0.1325D-13  0.1724D-14  0.4511D-10
  0.3503D-11  0.1982D-09  0.8701D-09  0.3439D-08  0.3245D-09  0.3513D-07  0.9922D-10  0.5047D-09  0.1666D-06  0.1491D-07
  0.5718D-07  0.5181D-09  0.5258D-07  0.4649D-07  0.4621D-06  0.1908D-05  0.1978D-05  0.1273D-08  0.1255D-06  0.6263D-07
  0.7318D-06  0.3202D-06  0.2370D-04  0.1395D-06  0.2636D-05  0.1317D-04  0.1170D-05  0.3733D-04  0.3400D-05  0.2059D-05
  0.6155D-02  0.1339D-06  0.2158D-04  0.6164D-01  0.5299D-02  0.1783D-01  0.1448D-01  0.2780D-01

TIME USED IN ITERN STEP   24.50

TIME FOR EIGENVALUE SOLN   17.65


ITERATION NUMBER (*SSPCEB*) =   12


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
  0.8915D+03  0.3371D+04  0.3661D+04  0.3723D+04  0.4652D+04  0.4796D+04  0.4864D+04  0.5104D+04  0.5354D+04  0.6132D+04
  0.6427D+04  0.7764D+04  0.7812D+04  0.8198D+04  0.8741D+04  0.1018D+05  0.1043D+05  0.1085D+05  0.1266D+05  0.1457D+05
  0.1531D+05  0.1629D+05  0.1653D+05  0.1876D+05  0.1901D+05  0.2042D+05  0.2091D+05  0.2234D+05  0.2289D+05  0.2359D+05
  0.2415D+05  0.2454D+05  0.2522D+05  0.2615D+05  0.2674D+05  0.2765D+05  0.2904D+05  0.3112D+05  0.3240D+05  0.3283D+05
  0.3343D+05  0.3542D+05  0.3556D+05  0.3694D+05  0.4075D+05  0.4151D+05  0.4338D+05  0.4440D+05  0.4635D+05  0.4838D+05
  0.4926D+05  0.5451D+05  0.5966D+05  0.6111D+05  0.7097D+05  0.7967D+05  0.8240D+05  0.1034D+06

RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
  0.0         0.2529D-15  0.6367D-15  0.2901D-15  0.3910D-15  0.3793D-15  0.1870D-15  0.1782D-15  0.1699D-15  0.0
  0.1415D-15  0.3514D-15  0.0         0.5547D-15  0.2081D-15  0.8490D-14  0.8718D-15  0.5870D-15  0.1365D-14  0.1992D-11
  0.1768D-12  0.1132D-10  0.5127D-10  0.2621D-09  0.2517D-10  0.2835D-08  0.9537D-11  0.5565D-10  0.1807D-07  0.1831D-08
  0.7000D-08  0.6162D-10  0.7382D-08  0.7157D-08  0.7372D-07  0.3095D-06  0.3698D-06  0.1824D-09  0.2846D-07  0.1029D-07
  0.1460D-06  0.8693D-07  0.6620D-05  0.3324D-07  0.1111D-05  0.5636D-05  0.3251D-06  0.2051D-04  0.1562D-05  0.8565D-06
  0.3713D-02  0.4197D-07  0.1496D-04  0.5420D-01  0.3139D-02  0.1473D-01  0.8819D-02  0.5420D-01

TIME USED IN ITERN STEP   24.43

TIME FOR EIGENVALUE SOLN   17.59


ITERATION NUMBER (*SSPCEB*) =   13


AFTER  6 SWEEPS IN *JACOBI* THE EIGENVALUES ARE
  0.8915D+03  0.3371D+04  0.3661D+04  0.3723D+04  0.4652D+04  0.4796D+04  0.4864D+04  0.5104D+04  0.5354D+04  0.6132D+04
  0.6427D+04  0.7764D+04  0.7812D+04  0.8198D+04  0.8741D+04  0.1018D+05  0.1043D+05  0.1085D+05  0.1266D+05  0.1457D+05
  0.1531D+05  0.1629D+05  0.1653D+05  0.1876D+05  0.1901D+05  0.2042D+05  0.2091D+05  0.2234D+05  0.2289D+05  0.2359D+05
  0.2415D+05  0.2454D+05  0.2522D+05  0.2615D+05  0.2674D+05  0.2765D+05  0.2904D+05  0.3112D+05  0.3240D+05  0.3283D+05
  0.3343D+05  0.3542D+05  0.3556D+05  0.3694D+05  0.4075D+05  0.4151D+05  0.4338D+05  0.4440D+05  0.4635D+05  0.4838D+05
  0.4916D+05  0.5451D+05  0.5966D+05  0.5906D+05  0.7082D+05  0.7878D+05  0.8188D+05  0.9455D+05
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RELATIVE TOLERANCE REACHED ON EIGENVALUES IS NOW
   0.1275D-15   0.5901D-15   0.7609D-15   0.7634D-16   0.0          0.1896D-15   0.1870D-15   0.1782D-15   0.0          0.4449D-15
   0.1415D-15   0.1171D-15   0.0          0.1109D-14   0.3122D-15   0.6256D-15   0.7846D-15   0.5870D-15   0.1221D-14   0.7627D-13
   0.8199D-14   0.5466D-12   0.2554D-11   0.1690D-10   0.1657D-11   0.2150D-09   0.7779D-12   0.5183D-11   0.1736D-08   0.1895D-09
   0.7509D-09   0.6971D-11   0.8801D-09   0.9255D-09   0.9977D-08   0.4394D-07   0.5922D-07   0.2794D-10   0.5672D-08   0.1661D-08
   0.2841D-07   0.2278D-07   0.1744D-05   0.8457D-08   0.4001D-06   0.2062D-05   0.9611D-07   0.9387D-05   0.6891D-06   0.4226D-06
   0.2064D-02   0.1455D-07   0.1027D-01   0.2423D-01   0.2104D-02   0.1128D-01   0.6394D-02   0.9361D-01

CONVERGENCE ACHIEVED IN *EIGSOL*
  NUMBER OF EIGENVALUES =  50
  RELATIVE TOLERANCE    =   0.1000D-04


TIME USED IN ITERN STEP   24.90

TIME FOR EIGENVALUE SOLN   17.97


WE SOLVED FOR THE FOLLOWING EIGENVALUES

 0.89152164148947D+03 0.33714145132752D+04 0.36605902613776D+04 0.37232586184001D+04 0.46523897756605D+04 0.47958281044540D+04

 0.48639994878651D+04 0.51040874589619D+04 0.53540354129676D+04 0.61321465968825D+04 0.64272376004227D+04 0.77644333205338D+04

 0.78117636672309D+04 0.81983533471983D+04 0.87409096770772D+04 0.10177381920309D+05 0.10432610894328D+05 0.10845941524099D+05

 0.12661604569401D+05 0.14571633234617D+05 0.15308361971256D+05 0.16290917020294D+05 0.16534555519850D+05 0.18760162265260D+05

 0.19005092378410D+05 0.20423035409171D+05 0.20908860093592D+05 0.22343050277443D+05 0.22886824391898D+05 0.23587599015401D+05

 0.24145102387731D+05 0.24539825177198D+05 0.25218423743441D+05 0.26151251963247D+05 0.26743785595607D+05 0.27647938819507D+05

 0.29043728240430D+05 0.31120172532068D+05 0.32398789656096D+05 0.32827197342585D+05 0.33427661587400D+05 0.35420417846416D+05

 0.35560766457116D+05 0.36935696226626D+05 0.40748189780154D+05 0.41507014728767D+05 0.43378418036556D+05 0.44396126779606D+05

 0.46351706648361D+05 0.48379359688438D+05

UPPER BOUNDS ON EIGENVALUE CLUSTERS

 0.90043685790436D+03 0.34051286584079D+04 0.37604912045841D+04 0.46989136734171D+04 0.49126394827438D+04 0.51551283335515D+04

 0.54075757670973D+04 0.61934680628514D+04 0.64915099764270D+04 0.78898813039032D+04 0.82803368806703D+04 0.88283187738480D+04

 0.10279155739512D+05 0.10536937003271D+05 0.10954400939340D+05 0.12788220615095D+05 0.14717349566963D+05 0.15461445590969D+05

 0.16699901075048D+05 0.19195143302194D+05 0.20627265763263D+05 0.21117948694528D+05 0.22566480780217D+05 0.23115692635817D+05

 0.23823475005555D+05 0.24785223428970D+05 0.25470607980876D+05 0.26412764482879D+05 0.27011223451564D+05 0.27924418207702D+05

 0.29334165522834D+05 0.31431374257389D+05 0.33761938203274D+05 0.35916374121688D+05 0.37305053188892D+05 0.41922084876055D+05

 0.43812202216922D+05 0.44840088047402D+05 0.46815223714845D+05 0.48863153285322D+05

NO OF EIGENVALUES IN EACH CLUSTER

                 1                 1                 2                 1                 2                 1
```

1	1	1	2	1	1
1	1	1	1	1	1
2	2	1	1	1	1
1	2	1	1	1	1
1	1	3	2	1	2
1	1	1	1		

NO OF EIGENVALUES LESS THAN UPPER BOUNDS

1	2	4	5	7	8
9	10	11	13	14	15
16	17	18	19	20	21
23	25	26	27	28	29
30	32	33	34	35	36
37	38	41	43	44	46
47	48	49	50		

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CHECK APPLIED AT SHIFT  0.48863153285322D+05
WE FOUND THE LOWEST  50 EIGENVALUES
TIME FOR STURM SEQUENCE CHECK    1.42
```

PRINT OF FREQUENCIES

MODE NUMBER	CIRCULAR FREQUENCY (RAD/SEC)	FREQUENCY (CYCLES/SEC)	PERIOD (SEC)	TOLERANCE
1	0.2986D+02	0.4752D+01	0.2104D+00	0.1275D-15
2	0.5806D+02	0.9241D+01	0.1082D+00	0.5901D-15
3	0.6050D+02	0.9629D+01	0.1038D+00	0.7609D-15
4	0.6102D+02	0.9711D+01	0.1030D+00	0.7634D-16
5	0.6821D+02	0.1086D+02	0.9212D-01	0.0
6	0.6925D+02	0.1102D+02	0.9073D-01	0.1896D-15
7	0.6974D+02	0.1110D+02	0.9009D-01	0.1870D-15
8	0.7144D+02	0.1137D+02	0.8795D-01	0.1782D-15
9	0.7317D+02	0.1165D+02	0.8587D-01	0.0
10	0.7831D+02	0.1246D+02	0.8024D-01	0.4449D-15
11	0.8017D+02	0.1276D+02	0.7837D-01	0.1415D-15
12	0.8812D+02	0.1402D+02	0.7131D-01	0.1171D-15
13	0.8838D+02	0.1407D+02	0.7109D-01	0.0
14	0.9054D+02	0.1441D+02	0.6939D-01	0.1109D-14
15	0.9349D+02	0.1488D+02	0.6720D-01	0.3122D-15
16	0.1009D+03	0.1606D+02	0.6228D-01	0.6256D-15
17	0.1021D+03	0.1626D+02	0.6152D-01	0.7846D-15
18	0.1041D+03	0.1658D+02	0.6033D-01	0.5870D-15
19	0.1125D+03	0.1791D+02	0.5584D-01	0.1221D-14
20	0.1207D+03	0.1921D+02	0.5205D-01	0.7627D-13
21	0.1237D+03	0.1969D+02	0.5078D-01	0.8199D-14
22	0.1276D+03	0.2031D+02	0.4923D-01	0.5466D-12
23	0.1286D+03	0.2047D+02	0.4886D-01	0.2554D-11
24	0.1370D+03	0.2180D+02	0.4587D-01	0.1690D-10
25	0.1379D+03	0.2194D+02	0.4558D-01	0.1657D-11
26	0.1429D+03	0.2274D+02	0.4397D-01	0.2150D-09
27	0.1446D+03	0.2301D+02	0.4345D-01	0.7779D-12

28	0.1495D+03	0.2379D+02	0.4203D-01	0.5183D-11
29	0.1513D+03	0.2408D+02	0.4153D-01	0.1736D-08
30	0.1536D+03	0.2444D+02	0.4091D-01	0.1895D-09
31	0.1554D+03	0.2473D+02	0.4044D-01	0.7509D-09
32	0.1567D+03	0.2493D+02	0.4011D-01	0.6971D-11
33	0.1588D+03	0.2527D+02	0.3957D-01	0.8801D-09
34	0.1617D+03	0.2574D+02	0.3885D-01	0.9255D-09
35	0.1635D+03	0.2603D+02	0.3842D-01	0.9977D-08
36	0.1663D+03	0.2646D+02	0.3779D-01	0.4394D-07
37	0.1704D+03	0.2712D+02	0.3687D-01	0.5922D-07
38	0.1764D+03	0.2808D+02	0.3562D-01	0.2794D-10
39	0.1800D+03	0.2865D+02	0.3491D-01	0.5672D-08
40	0.1812D+03	0.2884D+02	0.3468D-01	0.1661D-08
41	0.1828D+03	0.2910D+02	0.3437D-01	0.2841D-07
42	0.1882D+03	0.2995D+02	0.3339D-01	0.2278D-07
43	0.1886D+03	0.3001D+02	0.3332D-01	0.1744D-05
44	0.1922D+03	0.3059D+02	0.3269D-01	0.8457D-08
45	0.2019D+03	0.3213D+02	0.3113D-01	0.4001D-06
46	0.2037D+03	0.3243D+02	0.3084D-01	0.2062D-05
47	0.2083D+03	0.3315D+02	0.3017D-01	0.9611D-07
48	0.2107D+03	0.3353D+02	0.2982D-01	0.9387D-05
49	0.2153D+03	0.3427D+02	0.2918D-01	0.6891D-06
50	0.2200D+03	0.3501D+02	0.2857D-01	0.4226D-06

REQUIRED BLANK COMMON FOR THIS STEP= 78850

PRINT OF EIGENVECTORS

M O D A L A N A L Y S I S

MODE NUMBER 1
FREQUENCY= 4.75210 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	3.39018D-03	2.09245D-04	-9.67216D-04	-2.08563D-05	-3.30142D-05	-8.25664D-05
3	4.46543D-03	1.73162D-04	-1.27896D-03	-1.26437D-05	3.49145D-05	-9.90209D-05
4	6.33294D-03	1.73780D-04	-1.51606D-03	-5.34661D-06	5.59831D-05	-1.05058D-04
5	7.79195D-03	-2.90105D-04	-1.42250D-03	6.72564D-05	6.03517D-05	-1.01327D-04
6	7.28999D-03	-4.55422D-04	-2.84477D-03	1.34225D-04	9.75617D-05	-5.18408D-05
7	4.85212D-03	1.14286D-03	-7.40714D-03	2.15270D-04	8.90006D-05	-7.44299D-05
8	4.72852D-03	8.00097D-03	-8.69593D-03	3.29398D-04	-1.11610D-04	-2.54842D-04
9	2.45289D-02	2.90798D-03	1.08176D-02	3.18065D-04	-2.94034D-04	-5.58445D-04
10	2.70519D-02	-3.38367D-08	1.33077D-02	2.78822D-04	-1.30779D-04	-5.05914D-04
11	1.06467D-02	-1.65149D-03	8.63622D-03	4.31173D-05	1.67966D-04	-1.23358D-04
12	1.52804D-03	-8.37998D-08	8.56446D-03	9.19477D-06	8.83179D-05	-4.31361D-05
13	7.64122D-04	1.34657D-04	8.51710D-03	-9.93819D-06	-3.79211D-05	2.35331D-06
14	7.32257D-04	-4.16551D-05	1.26033D-03	-1.59021D-06	-2.01717D-05	-2.08287D-06
15	8.48625D-04	-1.30474D-04	1.25146D-03	-9.71985D-07	5.56384D-06	-3.54688D-06
16	7.72096D-04	-6.56188D-05	1.25365D-03	-9.40020D-07	-3.48948D-06	-4.28194D-06
17	7.53326D-04	3.22397D-04	6.70207D-04	-1.35719D-06	-9.34183D-06	-3.02479D-06
18	6.78418D-04	3.64913D-04	5.06985D-04	-1.17173D-06	-1.20108D-05	-1.42449D-06
19	5.28012D-04	3.90776D-04	3.60159D-04	-1.23521D-06	-1.17122D-05	-3.72433D-07
20	4.57670D-04	3.87327D-04	2.11672D-04	-7.00014D-07	-7.71683D-06	1.82190D-06
21	4.46608D-04	1.75328D-04	-3.58664D-05	9.06466D-08	-1.85606D-06	6.39527D-06
22	2.33042D-04	-6.40146D-06	-1.69384D-05	7.00845D-07	1.68643D-06	9.09528D-06
23	3.08165D-11	-1.73649D-12	-1.97861D-12	1.03456D-10	3.58666D-10	1.28183D-09
25	-4.66529D-05	-1.11362D-05	-1.46067D-05	-2.76244D-07	7.48985D-07	4.99475D-07
26	-7.69541D-05	-8.96529D-06	-1.61789D-05	3.04497D-07	6.15414D-07	8.57640D-07
27	-8.66895D-05	-8.98529D-06	-1.26831D-05	3.18029D-07	5.50707D-07	8.59013D-07
28	-1.00421D-04	-4.57525D-07	-7.63305D-06	6.67402D-07	-6.17629D-08	6.03446D-08
29	-1.00471D-04	-9.70757D-08	-6.68851D-06	6.65713D-07	-9.66454D-08	2.55570D-08
30	-1.01514D-04	2.97528D-07	-3.48361D-05	8.42110D-07	1.94027D-07	-2.59732D-08
31	2.40916D-04	1.60225D-06	6.49360D-04	1.10424D-06	-6.36365D-07	-8.86458D-07
32	2.38055D-04	-4.32656D-06	6.47514D-04	2.24196D-07	5.40781D-07	-9.29713D-07
33	1.61399D-04	-8.33130D-06	6.72576D-04	-3.31345D-07	5.83872D-06	-9.67823D-07
34	-4.07249D-04	5.23802D-05	1.25137D-03	-6.02086D-07	2.55865D-06	-1.52981D-06
35	-3.87830D-04	5.26252D-05	1.25399D-03	-6.65755D-07	-5.13645D-06	-1.60409D-06
36	8.52687D-03	-2.44768D-03	-3.51748D-03	1.22148D-04	8.76094D-05	-2.45444D-05
37	8.76321D-03	-3.14683D-03	-3.13789D-03	5.59681D-05	4.66564D-05	7.11696D-05
38	9.09194D-04	-3.13129D-03	-2.73485D-04	-4.14793D-06	5.02727D-06	9.21930D-06
39	9.01544D-04	-8.19495D-04	-2.60649D-04	-2.28694D-05	-3.71031D-06	-5.39596D-05
40	3.70016D-04	-2.72956D-04	-7.90402D-05	-2.61638D-05	-4.91868D-06	-5.53226D-05
41	-1.38217D-05	-2.73021D-04	1.05491D-04	-2.64327D-05	-5.29347D-06	-5.36511D-05
42	-3.43403D-04	-5.26978D-04	3.53141D-04	-2.88882D-05	-1.22150D-05	-3.98113D-05
43	-1.42140D-04	-1.00325D-03	3.53169D-04	-2.88903D-05	-1.19466D-05	-3.51165D-05
44	-5.06760D-05	-1.00846D-03	2.76664D-04	-3.27901D-05	-6.13832D-06	-2.38601D-05
45	-4.73053D-05	9.46231D-04	1.37245D-04	-2.53528D-05	1.82687D-06	1.09108D-07
46	-4.78524D-05	9.34499D-04	1.41459D-04	-2.53684D-05	1.33826D-06	1.15081D-06
47	8.21170D-07	3.33221D-05	-1.79564D-06	-2.38679D-06	1.57160D-07	-2.08985D-06
48	3.69944D-07	3.66441D-05	-1.00436D-06	-2.34368D-06	6.25778D-08	-1.97695D-06
49	1.36047D-06	2.21330D-05	-1.57595D-06	-6.95627D-07	-5.20203D-08	-1.13320D-06
50	3.23665D-06	1.01238D-05	-1.34935D-06	-2.69044D-07	-6.94123D-08	-7.27269D-07
51	3.52712D-06	5.94334D-06	-1.02079D-06	-2.70994D-07	-6.29428D-08	-6.82895D-07

52	1.21078D-08	-7.68827D-09	-2.15074D-08	-3.93758D-10	-1.44218D-08	-1.46538D-08
53	-2.71227D-14	-6.41769D-14	-3.26671D-14	-1.09687D-13	-1.24983D-12	-1.59664D-12
54	-2.07115D-05	-9.66320D-08	9.92459D-06	-2.97378D-07	-9.24157D-07	-9.43227D-07
55	1.17090D-05	-2.23321D-05	1.98222D-05	-4.90038D-07	-9.79872D-07	-8.94629D-07
56	2.22724D-05	-2.57512D-05	1.45109D-05	-9.59802D-07	-8.29199D-07	-7.26651D-07
57	4.79903D-05	-2.18957D-07	-6.91450D-05	-2.53350D-06	-1.13364D-07	-7.69551D-07
58	3.52349D-05	2.39347D-06	-4.63641D-05	-2.55528D-06	1.37258D-07	-1.95165D-06
59	1.88865D-06	4.00404D-06	-5.38540D-06	-2.55907D-06	1.75339D-07	-2.23615D-06
60	4.01324D-02	2.89635D-03	1.81683D-02	3.28968D-04	-9.79154D-04	-7.47998D-04
61	8.60188D-02	1.83810D-03	3.58927D-02	5.95512D-04	-3.00571D-03	-1.64066D-03
62	3.36623D-01	6.51128D-04	1.37089D-01	4.51709D-04	-2.97061D-03	-8.93868D-04
63	3.58969D-01	-1.24085D-03	1.64613D-01	7.11631D-04	-1.17707D-03	-1.19120D-04
64	3.59143D-01	3.10075D-03	2.19035D-01	4.61763D-04	-3.20292D-04	9.76550D-05
65	3.62252D-01	2.14800D-03	2.15395D-01	-2.23461D-04	8.25686D-04	-3.75275D-04
66	3.74231D-01	2.19939D-03	2.08278D-01	-2.23598D-04	1.16587D-03	-3.98685D-04
67	3.56514D-01	1.89235D-05	1.93494D-01	-1.00627D-04	2.10638D-03	1.39958D-04
68	3.36422D-02	3.82501D-03	6.74210D-03	-3.14037D-05	1.74297D-03	7.26574D-05
69	2.38440D-02	3.57194D-03	3.78966D-03	-7.03230D-05	8.67694D-04	5.51120D-05
70	9.17469D-04	2.60278D-04	3.69631D-03	-9.93454D-05	2.52510D-04	1.46932D-05
71	9.28142D-04	4.68359D-04	-8.32582D-04	-1.08994D-04	1.81653D-04	-3.39060D-06
72	7.80975D-04	4.22184D-04	-4.74592D-04	-7.89055D-05	1.77331D-04	-1.81744D-05
73	-1.56776D-03	4.21915D-04	5.02994D-03	-2.64933D-05	1.20025D-04	-1.95120D-05
74	-1.25760D-03	2.75376D-04	3.61667D-03	-2.27691D-05	6.96262D-05	-1.33520D-05
76	8.95142D-04	-5.63774D-05	7.61[illegible]D-03	-1.29348D-04	3.62588D-05	7.61525D-06
77	8.77109D-04	-2.30085D-04	6.96617D-03	-1.58641D-04	-4.94356D-05	9.34763D-06
78	1.22247D-04	-7.68979D-04	4.71530D-04	-1.47405D-04	-1.76445D-04	3.75205D-05
79	-8.82574D-04	-7.10628D-04	-9.22159D-04	6.22106D-05	-5.69492D-05	-1.74838D-05
80	-3.53389D-05	-5.78081D-05	-1.75[illegible]3D-06	6.15928D-06	-5.08331D-06	6.64046D-07
82	-1.51313D-04	-5.85462D-05	-1.41046D-03	9.73649D-05	-2.42929D-05	-1.06367D-05
83	-1.33812D-04	3.11162D-06	-1.63627D-03	5.08180D-05	-4.73710D-05	-1.37481D-05
84	1.50101D-04	2.91312D-05	-8.37577D-04	2.37126D-05	-4.50250D-05	-9.05234D-06
85	1.78136D-04	6.48031D-06	-6.55073D-04	-3.58128D-06	-4.15941D-05	-7.16600D-06
86	3.70143D-06	5.63965D-06	-7.12499D-06	-9.42290D-06	-2.03429D-06	-2.11029D-06
87	3.19744D-06	-2.18079D-06	4.94734D-07	-4.90828D-06	-1.25321D-07	-1.61266D-06
88	2.76593D-06	4.42142D-06	3.23617D-07	-1.46731D-07	-1.94664D-07	-1.52632D-06
90	1.05394D-06	1.05011D-05	-3.68128D-06	-5.35384D-06	1.47655D-06	-1.25864D-06
91	-2.67063D-06	9.04915D-07	-8.21296D-07	-5.66932D-07	-4.41243D-08	-1.32181D-06
93	6.26891D-04	4.44059D-05	-1.87032D-04	-5.13023D-06	-3.20499D-05	-2.72069D-05
94	2.61295D-03	1.70189D-04	-7.47208D-04	-1.55267D-05	-4.19349D-05	-6.64730D-05
95	7.79824D-03	-6.24786D-04	-1.893[illegible]4D-03	1.17387D-04	9.33844D-05	-4.98117D-05
96	8.06101D-03	-1.71428D-03	-3.26296D-03	1.26215D-04	9.09139D-05	-3.48308D-05
97	6.76528D-03	-2.23976D-04	-3.82680D-03	1.52141D-04	9.99831D-05	-5.52957D-05
98	6.34847D-03	1.64313D-08	-4.60639D-03	1.66194D-04	1.00284D-04	-5.79925D-05
99	9.95007D-03	8.97722D-03	-3.50968D-03	3.37734D-04	-2.29565D-04	-3.59095D-04
100	1.51767D-02	7.88063D-03	1.69554D-03	3.34668D-04	-2.87968D-04	-4.32442D-04
101	2.21243D-02	4.60878D-03	8.47224D-03	3.23694D-04	-3.02262D-04	-5.24603D-04
102	2.63160D-02	1.11134D-03	1.25845D-02	2.94771D-04	-1.90203D-04	-5.25652D-04
103	3.11838D-02	2.90264D-03	1.41693D-02	3.28856D-04	-6.09345D-04	-6.76176D-04
104	9.26981D-03	-1.33974D-03	8.61352D-03	3.22240D-05	1.50569D-04	-9.77672D-05
105	6.20831D-03	-7.28470D-04	8.59873D-03	2.62686D-05	1.37785D-04	-8.31934D-05
106	8.45794D-03	-9.17733D-04	9.01716D-03	2.71856D-05	1.37707D-04	-8.40614D-05
107	3.45409D-03	-2.53272D-04	8.58251D-03	1.91739D-05	1.20466D-04	-6.68541D-05
108	7.62307D-04	8.13641D-05	8.13947D-03	-9.36688D-06	-4.54698D-05	4.73641D-06
109	9.75854D-04	2.30697D-05	8.14014D-03	-6.38293D-06	-1.78652D-05	2.79561D-06
110	1.01191D-03	5.92072D-06	8.14043D-03	-4.43935D-06	-7.73922D-06	1.96384D-06
111	1.01123D-03	-7.60766D-06	8.14087D-03	-5.46273D-07	6.19865D-06	6.46872D-07
112	9.49088D-04	-2.58788D-06	8.14122D-03	2.69093D-06	1.33046D-05	-2.01613D-07
113	9.60589D-04	1.75892D-05	8.47981D-03	1.58025D-05	1.40199D-05	-1.68837D-06
114	8.51500D-04	6.87521D-06	8.14125D-03	9.36379D-07	1.79275D-05	-1.94108D-07
115	7.98898D-04	7.23536D-06	8.14126D-03	-6.52575D-08	2.05118D-05	-1.87670D-07

116	7.23230D-04	4.53838D-06	8.14129D-03	-9.02868D-07	2.25984D-05	-1.79392D-07
117	6.42861D-04	6.06553D-10	8.14129D-03	-1.15613D-06	2.32939D-05	-1.79392D-07
118	7.23014D-04	4.53835D-06	8.14677D-03	-3.05385D-06	2.25459D-05	-3.66524D-09
119	4.65256D-04	-8.81507D-06	8.14130D-03	-1.15616D-06	2.32923D-05	-1.79392D-07
120	7.23691D-04	4.53827D-06	8.17173D-03	-5.74181D-06	2.24384D-05	2.15482D-07
121	6.67107D-04	-1.04708D-05	8.19482D-03	-5.89217D-06	2.24305D-05	2.27712D-07
122	7.60140D-04	8.76466D-08	7.60236D-03	-8.66865D-06	-5.05227D-05	5.15800D-06
123	7.56015D-04	-7.94019D-05	6.59114D-03	-7.34201D-06	-5.39127D-05	3.35893D-06
124	7.45555D-04	-1.45274D-04	3.98608D-03	-3.99050D-06	-4.99758D-05	-2.80766D-07
125	7.43369D-04	-1.38856D-04	3.49287D-03	-3.29227D-06	-4.68618D-05	-8.75065D-07
126	7.39818D-04	-1.12673D-04	2.54833D-03	-2.42645D-06	-4.14443D-05	-1.50201D-06
127	8.75748D-04	-1.17606D-04	2.49047D-03	-2.17417D-06	-4.14518D-05	-1.59107D-06
128	7.36127D-04	-7.63097D-05	1.73892D-03	-2.07375D-06	-3.37445D-05	-1.83294D-06
129	7.34762D-04	-6.45816D-05	1.54393D-03	-1.90309D-06	-2.92630D-05	-1.94199D-06
130	5.18915D-04	-2.41468D-05	1.25952D-03	-1.49220D-06	-1.82664D-05	-2.00440D-06
131	9.01989D-04	-5.80418D-05	1.25906D-03	-1.43210D-06	-1.29196D-05	-2.29476D-06
132	7.69093D-04	1.32873D-09	1.18179D-03	-1.00709D-06	-4.63110D-06	-4.41715D-06
133	4.54557D-04	3.52036D-04	1.08951D-04	-4.77210D-07	-5.87050D-06	2.93584D-06
134	2.33179D-04	-1.35141D-09	1.25827D-03	-1.23493D-06	-1.49519D-05	-1.88314D-06
135	3.21035D-05	1.63925D-05	1.25715D-03	-9.51476D-07	-1.18037D-05	-1.77614D-06
136	-1.88401D-04	3.39133D-05	1.25593D-03	-7.17695D-07	-9.15139D-06	-1.68769D-06
137	-1.58249D-04	3.75313D-05	1.22566D-03	-5.93271D-07	-9.14493D-06	-1.67182D-06
138	-3.52644D-04	4.85617D-05	1.25452D-03	-6.81637D-07	-6.46123D-06	-1.63151D-06
139	-2.27401D-04	2.57164D-05	1.06767D-03	-4.86405D-07	8.05345D-06	-1.32375D-06
140	6.72516D-05	9.33205D-10	7.68572D-04	-3.94735D-07	7.59622D-06	-1.05035D-06
141	1.26463D-04	-5.00273D-06	7.08246D-04	-3.63387D-07	6.57365D-06	-9.91386D-07
142	8.34367D-05	-9.76575D-06	6.65270D-04	6.35667D-07	1.04873D-05	-1.18797D-06
143	5.94233D-05	-1.05714D-05	6.41278D-04	1.07012D-06	1.19340D-05	-1.26583D-06
144	1.55331D-05	-1.02769D-05	5.97421D-04	1.76595D-06	1.39410D-05	-1.38134D-06
145	-4.61844D-05	-7.84140D-06	5.35729D-04	2.22121D-06	1.49793D-05	-1.44881D-06
146	-2.52739D-05	-4.40426D-06	6.14224D-04	3.16807D-06	1.49833D-05	-1.40982D-06
147	-1.11683D-04	-4.65830D-06	4.70217D-04	2.20306D-06	1.56992D-05	-1.46559D-06
148	-1.41431D-04	-3.31892D-06	4.40470D-04	2.19197D-06	1.61017D-05	-1.47550D-06
149	-1.80560D-04	-1.64546D-06	4.01343D-04	2.18172D-06	1.64268D-05	-1.48424D-06
150	-2.20206D-04	7.63724D-12	3.61697D-04	2.17948D-06	1.65354D-05	-1.48648D-06
151	-1.84542D-04	-1.64547D-06	3.95749D-04	2.09005D-06	1.64203D-05	-1.54400D-06
152	-3.09366D-04	3.73673D-06	2.72538D-04	2.17949D-06	1.65355D-05	-1.48647D-06
153	-1.93080D-04	-1.64547D-06	3.84878D-04	1.97578D-06	1.64068D-05	-1.61896D-06
154	-2.29195D-04	-1.01379D-06	3.47393D-04	1.96940D-06	1.64058D-05	-1.62317D-06
155	2.38756D-04	-1.13049D-09	6.48128D-04	3.59664D-07	3.87054D-07	-9.24538D-07
156	2.47047D-04	6.71622D-06	6.56033D-04	9.34348D-07	5.50544D-08	-9.14455D-07
157	2.46779D-04	5.51012D-06	6.55593D-04	1.09271D-06	-1.61642D-07	-9.34440D-07
158	2.72287D-04	2.13485D-06	6.87033D-04	1.16257D-06	-1.64151D-07	-9.62119D-07
159	2.42499D-04	2.33215D-06	6.51165D-04	1.10364D-06	-4.11653D-07	-9.04538D-07
160	2.35442D-04	2.89983D-10	6.43305D-04	1.09517D-06	-1.09415D-06	-8.59447D-07
161	1.23065D-04	-3.25554D-06	4.94860D-04	9.95460D-07	-3.83685D-06	-6.82679D-07
162	-3.96187D-05	-3.79497D-11	1.80555D-04	9.34481D-07	-3.89773D-06	-4.07930D-07
163	-6.09160D-05	3.40642D-07	1.23183D-04	9.27294D-07	-3.32978D-06	-3.47289D-07
164	-7.19500D-05	4.60375D-07	8.97905D-05	9.21662D-07	-2.87185D-06	-3.07735D-07
165	-9.96403D-05	1.19697D-07	-1.95967D-05	8.83761D-07	-8.79584D-07	-1.30210D-07
166	9.84859D-04	-3.13156D-03	-2.46887D-04	-3.46077D-06	5.47869D-06	1.19483D-05
167	8.17579D-04	-3.13443D-03	-3.13195D-04	-4.15311D-06	5.02717D-06	9.20669D-06
168	9.16858D-04	-3.18180D-03	-2.35836D-04	-4.91293D-06	4.66049D-06	6.17215D-06
169	9.23144D-04	-3.06741D-03	-1.96219D-04	-1.11132D-05	1.93968D-06	-1.77906D-05
170	9.11769D-04	-1.50619D-03	-2.21766D-04	-2.15086D-05	-2.81131D-06	-5.22788D-05
171	7.38881D-04	-1.50620D-03	-1.50510D-04	-2.15198D-05	-2.81131D-06	-5.21396D-05
172	5.98850D-04	-1.50621D-03	-9.26537D-05	-2.15269D-05	-2.81131D-06	-5.20643D-05
173	3.32055D-04	-1.50622D-03	1.76753D-05	-2.15280D-05	-2.81131D-06	-5.20557D-05
174	-1.93223D-05	-1.50622D-03	1.62999D-04	-2.15300D-05	-2.81131D-06	-5.20559D-05
175	9.06939D-04	-1.16237D-03	-2.39890D-04	-2.22534D-05	-3.30139D-06	-5.34219D-05

176	2.02467D-04	-2.72984D-04	-3.18121D-10	-2.62917D-05	-5.07931D-06	-5.46760D-05
177	-4.97709D-05	8.92862D-11	4.70488D-05	-3.07773D-05	-2.65169D-06	-1.49632D-05
178	-4.85270D-05	7.54221D-04	6.56825D-11	-2.80300D-05	1.16623D-06	-6.15349D-06
179	-4.81854D-05	1.38991D-10	1.49145D-04	-1.85941D-05	-9.58848D-07	1.08494D-06
180	-1.15500D-06	-2.45008D-04	3.15274D-06	-8.95166D-06	-7.54449D-07	-4.22128D-06
181	9.61539D-07	-2.28925D-04	-3.14559D-06	-8.27355D-06	-5.79917D-07	-4.35312D-06
182	2.69496D-06	-1.85415D-05	-8.07756D-06	-2.68515D-06	1.81515D-07	-2.38725D-06
183	2.32739D-06	-8.15537D-06	-6.85074D-06	-2.62720D-06	1.79675D-07	-2.32232D-06
184	1.81283D-05	4.04179D-06	-2.46007D-05	-2.55913D-06	1.59047D-07	-2.10003D-06
185	1.46103D-06	1.56227D-05	-3.94850D-06	-2.49316D-06	1.70762D-07	-2.17615D-06
186	-6.49760D-07	1.04824D-05	5.04783D-08	-1.56019D-06	-1.00678D-08	-1.57159D-06
187	-5.44398D-07	9.46511D-06	-2.24583D-08	-1.43240D-06	-1.41872D-08	-1.53878D-06
188	-4.15728D-07	9.26116D-06	-1.19309D-07	-1.30735D-06	-1.82970D-08	-1.51260D-06
189	3.38483D-06	8.03100D-06	-1.18358D-06	-2.69594D-07	-6.66282D-08	-7.04750D-07
190	-1.01225D-04	2.40978D-11	-3.10864D-10	7.86327D-07	3.33728D-07	8.88534D-09
191	-1.00551D-04	8.71136D-11	-4.54504D-06	6.77335D-07	-1.32870D-07	8.34942D-09
192	-1.00521D-04	-2.95592D-09	-5.41381D-06	6.73018D-07	-1.21318D-07	1.19321D-08
193	-9.99901D-05	-9.70430D-08	-8.71943D-07	5.76823D-07	-1.62288D-07	-1.22208D-07
194	-3.41028D-05	-9.00760D-06	-1.02312D-05	-2.73159D-07	7.30677D-07	3.90110D-07
195	-8.30054D-06	-2.50123D-06	-2.45238D-06	-1.72319D-07	4.50647D-07	1.54368D-07
196	-2.73248D-05	-9.66391D-08	1.19803D-05	-2.89532D-07	-9.15867D-07	-9.43970D-07
197	-1.09503D-05	-3.07068D-07	7.05429D-06	-2.97252D-07	-9.24151D-07	-9.43031D-07
198	-1.33841D-05	-4.75308D-06	1.21636D-05	-3.07043D-07	-9.30760D-07	-9.40764D-07
199	2.44330D-05	-2.21367D-05	7.47069D-06	-1.03458D-06	-8.00884D-07	-7.22774D-07
200	2.84882D-05	-1.56098D-05	-5.74734D-06	-1.18481D-06	-7.33555D-07	-7.12859D-07
201	2.61697D-05	-1.56098D-05	-1.77835D-06	-1.20936D-06	-7.10466D-07	-6.91598D-07
202	2.47529D-05	-1.56098D-05	7.30144D-07	-1.22075D-06	-6.96084D-07	-6.84984D-07
203	2.28053D-05	-1.44301D-05	3.08068D-06	-1.24115D-06	-6.60688D-07	-6.91523D-07
204	2.42755D-05	-1.20627D-05	-1.72215D-06	-1.26315D-06	-6.39361D-07	-7.12347D-07
205	2.55350D-05	-9.93141D-06	-5.83659D-06	-1.28401D-06	-6.39811D-07	-7.24940D-07
206	3.22727D-05	-9.93104D-06	-1.80789D-05	-1.33972D-06	-6.59213D-07	-6.99525D-07
207	3.87896D-05	-1.82491D-06	-3.92960D-05	-1.66746D-06	-4.93230D-07	-6.56320D-07
208	4.78072D-05	-7.52676D-11	-6.85567D-05	-2.49959D-06	-1.25849D-07	-7.40850D-07
209	1.40047D-01	7.26931D-04	5.77490D-02	5.65161D-04	-3.22408D-03	-1.52555D-03
210	1.67070D-01	3.05138D-04	6.86617D-02	5.63040D-04	-3.23353D-03	-1.51358D-03
211	1.98855D-01	-9.94911D-04	8.32553D-02	5.67037D-04	-3.23353D-03	-1.52313D-03
212	1.94111D-01	-9.14094D-05	7.95814D-02	5.57208D-04	-3.23666D-03	-1.49098D-03
213	3.14495D-01	7.42086D-08	1.28159D-01	4.67046D-04	-3.05159D-03	-9.90124D-04
214	3.51006D-01	-5.21000D-08	1.90308D-01	-9.65747D-05	2.13197D-03	1.40365D-04
215	4.10429D-03	1.15731D-03	3.71851D-03	-9.10235D-05	4.08182D-04	2.42972D-05
216	9.10497D-04	1.33900D-04	5.68962D-03	-1.08721D-04	1.71830D-04	1.18033D-05
217	9.17183D-04	4.00674D-04	1.23444D-03	-9.68701D-05	2.44010D-04	1.33928D-05
218	6.69224D-04	4.22176D-04	-1.76170D-08	-7.53441D-05	1.74143D-04	-1.87532D-05
219	-9.97531D-04	4.22002D-04	4.19725D-03	-3.37368D-05	1.31645D-04	-2.08357D-05
220	-1.03926D-03	4.22000D-04	4.26434D-03	-3.35434D-05	1.31378D-04	-2.08150D-05
221	-1.07161D-03	3.02103D-04	3.55974D-03	-3.35435D-05	1.31377D-04	-2.08149D-05
222	-1.08095D-03	4.21998D-04	4.33103D-03	-3.33539D-05	1.31113D-04	-2.07929D-05
223	-1.40909D-03	4.21938D-04	4.81308D-03	-2.79106D-05	1.22655D-04	-1.98848D-05
224	-1.44890D-03	4.21936D-04	4.86853D-03	-2.77587D-05	1.22390D-04	-1.98500D-05
225	-1.47915D-03	3.08464D-04	4.21124D-03	-2.77588D-05	1.22389D-04	-1.98499D-05
226	-1.48862D-03	4.21934D-04	4.92365D-03	-2.76113D-05	1.22127D-04	-1.98139D-05
227	-5.79546D-04	1.25812D-04	1.66969D-03	-1.48246D-05	5.07650D-05	-9.04923D-06
228	9.00771D-04	4.32611D-09	7.24711D-03	-1.21789D-04	7.92416D-05	8.71862D-06
229	9.34510D-04	-5.64902D-05	8.31701D-03	-9.36784D-05	3.31078D-05	4.86061D-06
230	9.50447D-04	-5.65609D-05	8.64630D-03	-7.24954D-05	3.11307D-05	3.21803D-06
231	2.93628D-08	-7.68323D-04	9.79281D-08	-1.43078D-04	-1.75072D-04	3.66471D-05
232	-1.02989D-03	-7.11903D-04	-1.45592D-03	6.23837D-05	-5.94740D-05	-1.70885D-05
233	-9.95600D-04	-7.11783D-04	-1.33079D-03	6.23838D-05	-5.92443D-05	-1.71279D-05
234	-1.32177D-03	-1.04626D-03	-1.36183D-03	6.23843D-05	-5.92449D-05	-1.71279D-05
235	-9.61227D-04	-7.11662D-04	-1.20567D-03	6.23767D-05	-5.90141D-05	-1.71658D-05

236	1.99114D-10	-5.84525D-05	1.96845D-09	1.04956D-04	-2.20648D-05	-1.11043D-05
237	-1.09799D-05	-5.84700D-05	-1.03646D-04	1.03090D-04	-2.25591D-05	-1.09706D-05
238	-7.62380D-05	-5.84993D-05	-7.14650D-04	1.00824D-04	-2.31968D-05	-1.08198D-05
239	-7.62386D-05	9.66615D-06	-8.60863D-04	1.00824D-04	-2.32049D-05	-1.08199D-05
240	-1.40701D-04	-5.85287D-05	-1.31277D-03	9.88095D-05	-2.38143D-05	-1.07068D-05
241	1.21142D-05	5.71191D-06	-5.32424D-05	-1.20274D-05	-5.43396D-06	-2.09900D-06
242	3.65614D-06	-4.21643D-06	-1.19380D-06	-7.44603D-06	-1.43293D-06	-2.03634D-06
243	3.79297D-06	1.47878D-05	-9.65329D-06	-7.63406D-06	-6.92754D-07	-1.89675D-06
244	2.51241D-06	4.17722D-06	2.72728D-07	6.67896D-08	-1.97623D-07	-1.25288D-06
245	1.26749D-06	2.71358D-06	1.87268D-07	2.34509D-07	-1.79683D-07	-9.00087D-07
246	6.93863D-06	2.71361D-06	1.66482D-06	2.34525D-07	-1.79683D-07	-9.00153D-07
247	2.41917D-07	7.97877D-07	1.01795D-07	2.17434D-07	-1.24386D-07	-5.47132D-07
248	-2.47631D-06	6.44818D-07	-6.92138D-07	-3.38475D-07	-1.12583D-07	-1.08498D-06
249	-1.43934D-06	-3.41511D-07	-4.75238D-07	-1.16757D-07	-1.56932D-07	-7.79426D-07
250	3.47134D-06	-3.41514D-07	-1.21091D-06	-1.16768D-07	-1.56932D-07	-7.79459D-07
251	-3.62543D-07	-3.73088D-07	-2.58328D-07	-2.02298D-08	-1.25921D-07	-4.73786D-07
252	-4.50823D-06	-1.05830D-05	1.48729D-05	-3.73506D-07	-9.62248D-07	-9.23899D-07

M O D A L A N A L Y S I S

MODE NUMBER 2
FREQUENCY= 9.24115 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	3.55687D-03	1.64818D-03	-8.06140D-04	5.72671D-05	-5.26059D-05	-1.32403D-04
3	8.55746D-03	6.09284D-03	4.96583D-03	6.11587D-04	-1.06830D-04	-3.94546D-04
4	1.58833D-02	6.08004D-03	1.63124D-02	6.32717D-04	-1.04273D-04	-4.12688D-04
5	2.29577D-02	5.48126D-03	2.67054D-02	6.55195D-04	-1.07035D-04	-4.79864D-04
6	2.65202D-02	2.23570D-03	3.17271D-02	6.24661D-04	4.79459D-06	-4.74636D-04
7	2.49629D-02	-3.54404D-03	2.88729D-02	5.53448D-04	1.23525D-04	-4.20354D-04
8	9.30089D-03	-4.89566D-03	8.43960D-03	3.83351D-04	2.25655D-04	-2.92509D-04
9	-1.36247D-03	-7.81451D-05	-2.20548D-03	2.06517D-04	3.91401D-05	-1.94012D-04
10	-1.73201D-03	-1.81925D-08	-2.57518D-03	1.73636D-04	2.14465D-05	-1.78042D-04
11	-4.59190D-04	1.20829D-03	-2.33810D-03	-6.55557D-06	-1.38662D-05	-5.25467D-05
12	1.33332D-04	-3.24152D-09	-2.32924D-03	-2.02629D-05	-2.79472D-06	-2.58626D-05
13	6.41495D-05	-1.21721D-04	-2.16603D-03	-2.02044D-05	1.08389D-05	-9.18360D-06
14	6.94874D-05	-4.46782D-05	-1.02029D-03	-2.50898D-06	3.41080D-06	1.70873D-06
15	-9.79080D-05	-4.95343D-05	-1.01518D-03	1.32873D-06	3.01654D-06	1.10766D-07
16	-1.96904D-04	-6.45481D-06	-8.85167D-04	1.71629D-06	7.08081D-06	-3.92507D-07
17	-1.93468D-04	-1.62950D-05	-3.15667D-04	1.35744D-06	5.22212D-06	3.82942D-07
18	-1.61415D-04	-2.98102D-05	-2.39465D-04	1.25958D-06	4.93001D-06	2.82354D-07
19	-1.03909D-04	-4.72433D-05	-1.82690D-04	1.16663D-06	4.54700D-06	1.94318D-07
20	-7.77214D-05	-5.48673D-05	-1.25386D-04	9.44415D-07	3.13727D-06	-1.17354D-07
21	-7.56017D-05	-2.97539D-05	-9.80781D-06	3.68231D-07	1.28682D-06	-9.48296D-07
22	-4.16114D-05	1.37454D-06	3.56794D-06	-1.00429D-07	1.42909D-08	-1.67163D-06
23	-5.96678D-12	5.84970D-13	7.10228D-13	-2.38530D-11	-4.54355D-11	-2.38494D-10
25	-3.39222D-04	-7.29419D-04	-1.01123D-04	-8.62543D-06	4.68949D-06	6.58118D-07
26	-5.28812D-04	-6.01444D-04	2.51800D-04	3.31662D-05	-1.19107D-06	1.01924D-05
27	-6.45859D-04	-6.02547D-04	6.28634D-04	3.47682D-05	-2.16929D-06	1.04730D-05
28	-8.77992D-04	-3.63120D-04	1.81868D-03	5.51778D-05	-1.60540D-05	1.42544D-05
29	-8.78521D-04	-2.07609D-04	1.99867D-03	5.64465D-05	-1.62079D-05	1.51039D-05
30	-8.51453D-04	-2.45043D-04	-6.43891D-04	2.70669D-05	1.28754D-06	-2.03587D-06
31	-1.14494D-03	-3.18164D-06	-9.42407D-04	-3.84643D-06	-4.94934D-06	3.47092D-06
32	-6.31651D-04	3.90684D-06	-4.28639D-04	-1.44563D-06	-7.77362D-06	2.01282D-06
33	-4.11106D-04	-4.42227D-06	-4.31259D-04	3.51098D-07	-7.85933D-06	5.53360D-07
34	1.51229D-04	8.30794D-05	-9.99191D-04	6.21039D-08	-4.40401D-06	-7.27665D-07
35	1.90850D-04	8.17253D-05	-1.02018D-03	-8.47230D-07	-1.09441D-06	-3.09746D-07
36	2.60523D-02	-1.15312D-02	3.20236D-02	7.72300D-04	-7.26660D-05	-5.61860D-04
37	2.94380D-02	-2.09212D-02	4.06652D-02	7.64784D-04	-3.06375D-04	-4.75557D-04
38	4.36850D-02	-2.13148D-02	1.09473D-02	-1.80106D-03	-9.11477D-04	3.96614D-04
39	2.63275D-02	-1.25436D-02	-7.00940D-02	-5.45806D-03	-1.62181D-03	5.08633D-04
40	1.32200D-02	2.27799D-03	-2.43560D-0.	-8.04019D-03	-1.48326D-03	-1.95701D-03
41	-9.69928D-04	2.24424D-03	3.31543D-02	-8.36883D-03	-1.63550D-03	-2.11588D-03
42	-1.14308D-02	-9.55494D-02	1.21736D-01	-1.20766D-02	-1.64669D-03	-3.36844D-03
43	1.66209D-02	-2.98207D-01	1.21759D-01	-1.24931D-02	-1.68474D-03	-4.05927D-03
44	2.97942D-02	-3.69314D-01	1.10701D-01	-1.24677D-02	-9.15976D-04	-5.74826D-03
45	3.05251D-02	9.60914D-01	-1.00525D-01	-1.52101D-02	-1.36823D-03	-5.41076D-04
46	3.10383D-02	9.53434D-01	-1.03962D-01	-1.55032D-02	-1.22970D-03	1.60838D-03
47	-1.71751D-03	4.38311D-02	5.16331D-03	-2.06828D-03	-1.09058D-04	-2.50223D-03
48	-1.33850D-03	4.96729D-02	4.54088D-03	-2.26511D-03	-6.97533D-05	-2.05234D-03
49	3.77253D-03	2.14223D-02	3.96444D-05	-7.29601D-04	-2.71658D-05	-1.10144D-03
50	4.16623D-03	9.63812D-03	-2.92399D-05	-2.30386D-04	1.53479D-05	-7.21124D-04
51	4.10867D-03	5.63978D-03	-9.38121D-05	-2.29263D-04	1.98764D-05	-6.80250D-04

52	2.27051D-05	-7.96042D-06	-8.54516D-06	8.34774D-07	-7.98186D-06	-1.49117D-05
53	-1.12282D-11	-6.64486D-11	-1.61049D-11	6.18381D-11	-6.91729D-10	-1.65748D-09
54	-2.63324D-02	-1.84934D-04	1.21979D-02	-1.11633D-05	-1.23136D-03	2.02905D-04
55	1.73464D-02	-1.20543D-03	2.55325D-02	-1.58430D-04	-1.32853D-03	1.15522D-05
56	3.12348D-02	-4.87174D-03	1.88099D-02	-4.75040D-04	-1.00615D-03	-1.03583D-04
57	5.14665D-02	-1.14917D-03	-4.66392D-02	-2.38691D-03	-1.00540D-05	-5.64240D-04
58	3.81363D-02	1.09690D-03	-2.66495D-02	-2.15570D-03	-3.24057D-05	-2.31895D-03
59	-2.44830D-03	2.43159D-03	7.57892D-03	-2.10730D-03	-1.20065D-04	-2.75410D-03
60	3.06532D-03	-8.19668D-05	2.31727D-03	2.00263D-04	4.00571D-05	-2.04129D-04
61	5.54621D-03	5.08083D-04	4.45433D-03	9.17720D-05	7.42931D-05	-2.23077D-04
62	-1.97151D-03	-1.17823D-05	1.42009D-03	5.93257D-05	1.12828D-04	-1.48646D-04
63	-3.05739D-03	-6.99855D-04	-1.75028D-04	9.71961D-05	1.10387D-04	-4.64315D-05
64	-3.07044D-03	-1.74167D-03	-7.84839D-03	7.91251D-05	8.92561D-05	1.10648D-05
65	-3.99622D-03	-1.10619D-03	-7.56314D-03	8.22695D-05	4.74768D-05	8.12359D-05
66	-6.50741D-03	-1.10278D-03	-5.18330D-03	7.57125D-05	2.94437D-05	8.33359D-05
67	-7.58033D-03	-1.05661D-04	-4.31275D-03	2.44364D-05	-2.52243D-05	2.84037D-05
68	-7.94457D-04	7.16835D-04	-3.75542D-04	-1.45883D-05	-4.34490D-05	3.43245D-06
69	-5.53047D-04	6.09845D-04	-3.01752D-04	-1.47736D-05	-2.05877D-05	3.14825D-06
70	-4.26383D-05	6.16828D-05	-2.96659D-04	-1.10348D-05	-4.13188D-06	2.53287D-06
71	-3.42602D-05	1.09849D-04	-1.42406D-04	-9.74903D-06	-3.46057D-06	1.17377D-06
72	-2.73674D-05	1.13857D-04	-2.99157D-05	-4.97938D-06	-1.64045D-06	6.47760D-09
73	-6.87930D-05	1.13659D-04	2.47622D-04	-8.72701D-07	1.02393D-06	-6.21984D-07
74	-7.19313D-05	9.20480D-05	2.07122D-04	9.23773D-07	3.04053D-06	-1.11959D-06
76	-4.18762D-05	-1.33748D-05	-2.91926D-04	-7.68821D-06	2.95465D-06	1.53932D-06
77	-4.12484D-05	-3.81929D-05	-1.63927D-04	-5.10519D-06	5.66029D-06	6.11349D-07
78	-5.76901D-06	-1.54776D-05	-3.23514D-06	6.66683D-07	1.17875D-05	-1.81302D-06
79	5.87225D-05	-1.15877D-05	-6.97118D-06	-1.61655D-08	3.81907D-06	9.85413D-07
80	2.53655D-06	-2.30271D-06	1.24143D-08	1.72797D-07	3.55820D-07	-5.87445D-08
82	4.59922D-07	-1.32303D-05	5.34958D-07	-3.86744D-08	1.10322D-06	5.44863D-08
83	8.46341D-08	-1.12809D-05	-4.15224D-06	-9.79796D-08	7.24899D-07	5.20535D-07
84	-3.74251D-06	-2.60607D-06	-1.48797D-05	-1.35083D-07	5.67837D-07	5.38215D-07
85	-2.66072D-06	-5.81701D-07	-1.57928D-05	-3.66916D-07	3.60994D-07	1.98637D-07
86	1.51904D-07	-5.06372D-07	-1.02877D-07	-1.57376D-07	1.76588D-08	-2.49431D-08
87	1.15709D-07	-4.29133D-07	-4.73862D-08	-1.02558D-07	-2.04263D-08	-6.22196D-09
88	4.69972D-08	-1.74875D-07	-7.28331D-09	-2.19225D-08	-5.43825D-09	-1.39084D-08
90	1.34353D-07	-3.17697D-07	-1.11434D-08	-6.26895D-08	8.69521D-09	-3.79393D-08
91	9.42323D-08	-3.03506D-07	2.66618D-09	1.58006D-08	7.51113D-09	-3.22643D-08
93	5.30504D-04	-2.60692D-04	-9.44772D-05	-1.30348D-05	-2.85320D-05	-3.44603D-05
94	2.52658D-03	3.62581D-04	-5.59183D-04	2.29174D-05	-5.03768D-05	-9.99334D-05
95	2.64720D-02	3.62156D-03	3.16331D-02	6.25496D-04	-1.16671D-05	-4.79022D-04
96	2.63586D-02	-5.86316D-03	3.18404D-02	7.33556D-04	-4.37249D-05	-5.38109D-04
97	2.64388D-02	9.65579D-04	3.15806D-02	6.10382D-04	2.87164D-05	-4.61593D-04
98	2.62834D-02	-2.13864D-08	3.12972D-02	5.98511D-04	4.83384D-05	-4.52615D-04
99	3.03514D-03	-2.33348D-03	2.18541D-03	3.20355D-04	1.57664D-04	-2.49440D-04
100	5.94287D-04	-1.11544D-03	-2.48076D-04	2.77935D-04	1.00598D-04	-2.25654D-04
101	-1.02773D-03	-2.27786D-04	-1.87060D-03	2.25577D-04	5.17900D-05	-2.01530D-04
102	-1.61500D-03	-4.56533D-06	-2.45811D-03	1.86696D-04	2.79982D-05	-1.83978D-04
103	6.47371D-04	-7.99048D-05	-1.07255D-04	2.04830D-04	3.95621D-05	-1.99861D-04
104	-3.46171D-04	1.11476D-03	-2.33640D-03	-1.42063D-05	-1.12252D-05	-4.41169D-05
105	-1.25575D-04	7.70114D-04	-2.33527D-03	-1.81193D-05	-9.18961D-06	-3.93163D-05
106	9.35605D-04	6.81430D-04	-2.82986D-03	-1.92076D-05	-9.09806D-06	-3.96540D-05
107	4.44885D-05	3.66895D-04	-2.33244D-03	-1.95271D-05	-6.75687D-06	-3.38285D-05
108	6.44649D-05	-5.94750D-05	-2.06974D-03	-1.92282D-05	1.11660D-05	-7.42231D-06
109	4.64667D-06	-1.40792D-04	-2.07042D-03	-6.30553D-06	6.39665D-06	-1.07497D-05
110	-1.15198D-05	-1.51607D-04	-2.07070D-03	-2.45583D-06	4.69882D-06	-1.21758D-05
111	-2.75848D-05	-1.49430D-04	-2.07115D-03	1.56571D-06	2.43538D-06	-1.44337D-05
112	-3.82247D-05	-1.34228D-04	-2.07149D-03	2.30241D-06	1.35686D-06	-1.58883D-05
113	4.36195D-04	-1.15743D-04	-2.25321D-03	-1.09101D-05	4.04478D-07	-1.83972D-05
114	-4.49905D-05	-1.03246D-04	-2.07152D-03	6.78675D-06	9.98720D-07	-1.58986D-05
115	-4.71828D-05	-8.00611D-05	-2.07154D-03	9.31534D-06	7.98319D-07	-1.59073D-05

116	-4.93776D-05	-4.23405D-05	-2.07156D-03	1.13873D-05	6.36361D-07	-1.59186D-05
117	-5.12011D-05	-1.58857D-09	-2.07157D-03	1.20518D-05	5.81729D-07	-1.59186D-05
118	-9.15114D-05	-4.23405D-05	-2.10468D-03	1.36186D-05	7.09670D-07	-1.61595D-05
119	-5.56415D-05	9.19009D-05	-2.07158D-03	1.20529D-05	5.82434D-07	-1.59186D-05
120	-1.79333D-04	-4.23406D-05	-2.18676D-03	1.64088D-05	8.59780D-07	-1.64631D-05
121	-2.46428D-04	8.78851D-09	-2.25186D-03	1.65649D-05	8.70898D-07	-1.64802D-05
122	6.48375D-05	1.19327D-08	-1.94910D-03	-1.81394D-05	1.07303D-05	-5.66120D-06
123	6.55431D-05	7.94558D-05	-1.76297D-03	-1.60707D-05	9.14644D-06	-3.06331D-06
124	6.73127D-05	1.02267D-04	-1.39893D-03	-1.08445D-05	6.43480D-06	1.30243D-06
125	6.76790D-05	8.51331D-05	-1.33696D-03	-9.75567D-06	6.05984D-06	1.81339D-06
126	6.82723D-05	4.02318D-05	-1.21458D-03	-8.40554D-06	5.67246D-06	2.17939D-06
127	-2.81990D-06	2.01148D-05	-1.45503D-03	-8.96449D-06	5.67255D-06	2.18048D-06
128	6.88666D-05	-8.55619D-06	-1.09724D-03	-5.91852D-06	5.03552D-06	2.17585D-06
129	6.90860D-05	-2.21731D-05	-1.06702D-03	-4.71516D-06	4.54043D-06	2.05819D-06
130	1.04357D-04	-2.34156D-05	-1.02044D-03	-1.88199D-06	2.91228D-06	1.37324D-06
131	3.78537D-05	-6.63487D-05	-1.01960D-03	-1.63226D-06	2.73546D-06	1.47744D-06
132	-1.96366D-04	-3.45220D-09	-7.72938D-04	1.65860D-06	6.94705D-06	-2.43459D-07
133	-7.71269D-05	-5.21308D-05	-8.23885D-05	7.82050D-07	2.54413D-06	-2.91271D-07
134	1.47319D-04	5.76534D-09	-1.02063D-03	-1.46269D-06	2.12560D-06	8.54760D-07
135	1.74825D-04	2.09812D-05	-1.02077D-03	-1.43225D-06	1.32217D-06	3.97276D-07
136	1.95421D-04	5.08767D-05	-1.02090D-03	-1.49691D-06	4.58974D-07	1.90821D-08
137	1.97765D-04	5.40259D-05	-1.07178D-03	-1.91035D-06	4.38981D-07	-5.82140D-08
138	1.95513D-04	7.63629D-05	-1.02038D-03	-1.03262D-06	-5.56329D-07	-2.01896D-07
139	-2.91031D-05	4.34961D-05	-8.16866D-04	7.08700D-07	-7.22003D-06	-7.72118D-07
140	-2.99183D-04	-1.25929D-10	-5.44297D-04	6.26007D-07	-8.09098D-06	-6.17654D-09
141	-3.66443D-04	-4.06673D-06	-4.76375D-04	4.68132D-07	-7.96732D-06	3.20720D-07
142	-3.22281D-04	-8.17872D-07	-4.32250D-04	-5.03443D-06	-9.98304D-06	5.51608D-06
143	-3.00171D-04	6.14269D-08	-4.10165D-04	-7.40767D-06	-1.09302D-05	7.72674D-06
144	-2.60900D-04	6.92513D-07	-3.70922D-04	-1.11851D-05	-1.25263D-05	1.12087D-05
145	-2.05494D-04	3.63343D-07	-3.15539D-04	-1.36358D-05	-1.36375D-05	1.34351D-05
146	-6.19454D-04	-2.01525D-05	-7.67708D-04	-1.81177D-05	-1.34920D-05	1.70477D-05
147	-1.44973D-04	-1.62667D-07	-2.55005D-04	-1.35802D-05	-1.46212D-05	1.34951D-05
148	-1.17002D-04	-2.22795D-07	-2.27034D-04	-1.35492D-05	-1.51720D-05	1.35298D-05
149	-7.98299D-05	-1.53988D-07	-1.89864D-04	-1.35243D-05	-1.56170D-05	1.35594D-05
150	-4.19505D-05	-2.85154D-11	-1.51985D-04	-1.35159D-05	-1.57651D-05	1.35679D-05
151	-4.40820D-05	-1.53983D-07	-1.54370D-04	-1.35199D-05	-1.56407D-05	1.36670D-05
152	4.30542D-05	2.80373D-07	-6.69807D-05	-1.35159D-05	-1.57649D-05	1.35679D-05
153	2.98134D-05	-1.53973D-07	-8.17101D-05	-1.35174D-05	-1.56892D-05	1.38044D-05
154	1.12620D-04	3.77045D-07	-5.80871D-08	-1.35174D-05	-1.56928D-05	1.38122D-05
155	-6.80617D-04	2.07548D-09	-4.77558D-04	-1.86757D-06	-8.08690D-06	2.34464D-06
156	-9.17694D-04	-6.34808D-06	-7.14455D-04	-3.71486D-06	-7.98649D-06	3.76361D-06
157	-1.03072D-03	-7.42532D-06	-8.29732D-04	-4.27168D-06	-7.08801D-06	4.23534D-06
158	-1.16784D-03	7.36803D-06	-9.42838D-04	-4.63446D-06	-7.09315D-06	4.68466D-06
159	-1.12856D-03	-4.05469D-06	-9.25702D-04	-4.05552D-06	-5.93566D-06	3.83179D-06
160	-1.16924D-03	6.17901D-10	-9.67354D-04	-3.40237D-06	-2.99456D-06	2.73333D-06
161	-1.04994D-03	4.22549D-05	-8.04067D-04	1.35773D-06	6.65989D-06	-1.30252D-06
162	-7.81414D-04	-1.31643D-09	-3.09293D-04	9.70944D-06	3.57951D-06	-1.86720D-06
163	-7.65347D-04	-3.65284D-05	-2.69392D-04	1.16194D-05	9.23170D-07	-1.55784D-06
164	-7.66473D-04	-6.63418D-05	-2.74536D-04	1.29419D-05	-9.56119D-07	-1.39468D-06
165	-8.28782D-04	-2.32964D-04	-5.11824D-04	2.01574D-05	-4.17805D-06	-1.23244D-06
166	4.64028D-02	-2.13089D-02	2.33648D-02	-1.75097D-03	-9.04915D-04	3.80155D-04
167	3.96860D-02	-2.13208D-02	-7.40496D-03	-1.80155D-03	-9.11475D-04	3.93974D-04
168	4.21629D-02	-2.14845D-02	3.80338D-03	-1.87745D-03	-9.18731D-04	4.20932D-04
169	3.95426D-02	-2.20702D-02	-8.40499D-03	-2.61218D-03	-1.02362D-03	5.85917D-04
170	3.01705D-02	-1.82391D-02	-5.21419D-02	-4.73368D-03	-1.44883D-03	6.32689D-04
171	3.23850D-02	-1.82396D-02	-3.64578D-02	-4.73742D-03	-1.44883D-03	6.97017D-04
172	3.43149D-02	-1.82401D-02	-2.37196D-02	-4.74020D-03	-1.44883D-03	7.32849D-04
173	3.80878D-02	-1.82403D-02	5.75642D-04	-4.74075D-03	-1.44883D-03	7.37281D-04
174	4.30740D-02	-1.82404D-02	3.25830D-02	-4.74228D-03	-1.44883D-03	7.39298D-04
175	2.83037D-02	-1.57569D-02	-6.08658D-02	-5.09328D-03	-1.53282D-03	5.82989D-04

176	7.21654D-03	2.26352D-03	1.54992D-08	-8.18326D-03	-73D 405 1D-6	03636 2D0232 D-	86D 05
177	3.00086D-02	1.88651D-07	6.95010D-02	-1.32099D-02	-7.60245D-04	-8.42452D-03	
178	3.02815D-02	6.49836D-01	-2.86673D-08	-1.42230D-02	-1.25961D-03	-7.74867D-03	
179	4.63735D-02	1.54467D-07	-1.53054D-01	-1.26913D-02	5.83721D-04	4.64950D-03	
180	1.32139D-03	-3.95355D-01	-4.42230D-03	-5.72956D-03	8.58469D-04	-3.5888 -	5
181	-8.49102D-04	-3.73833D-01	2.77679D-03	-5.19791D-03	6.53827D-04	-4.17217D-03	
182	-3.03264D-03	-3.09457D-02	9.51985D-03	-2.12882D-03	-1.33638D-04	-2.99586D-03	
183	-2.76126D-03	-1.54441D-02	8.61896D-03	-2.11686D-03	-1.28801D-04	-2.89402D-03	
184	1.74317D-02	2.51080D-03	-8.38636D-03	-2.13526D-03	-7.66855D-05	-2.54881D-0	6
185	-2.15642D-03	1.91076D-02	6.61436D-03	-2.09398D-03	-1.16155D-04	-2.65033D-03	
186	1.71187D-03	1.82242D-02	1.80390D-03	-1.67071D-03	-3.78091D-05	-1.47607D-03	
187	2.00102D-03	1.55999D-02	1.54273D-03	-1.53943D-03	-3.56018D-05	-1.44587D-03	
188	2.26366D-03	1.39751D-02	1.31882D-03	-1.40438D-03	-3.37328D-05	-1.42808D-0	06
189	4.13975D-03	7.63657D-03	-5.85492D-05	-2.29396D-04	1.73968D-05	-7.00324D-04	
190	-8.61311D-04	1.73476D-09	5.61726D-09	3.63577D-05	1.51120D-05	-3.93175D-06	
191	-8.77111D-04	6.05499D-09	2.20071D-03	5.45109D-05	-7.56827D-06	1.05415D-05	
192	-8.77641D-04	-6.79676D-05	2.14333D-03	5.52298D-05	-1.06927D-05	1.19999D-0	7
193	-1.31000D-03	-2.05838D-04	2.65082D-03	7.87106D-05	-1.12600D-04	7.13448D-05	
194	-2.55913D-04	-5.66917D-04	-7.30125D-05	-9.92822D-06	4.97391D-06	-3.77031D-07	
195	-6.64058D-05	-1.54745D-04	-1.80160D 05	-7.47825D-06	3.44094D-06	-1.12422D-06	
196	-2.48972D-02	-1.85276D-04	1.22548D-02	-6.67926D-06	-1.21919D-03	2.06697D-0	
197	-2.79468D-02	-1.65985D-04	1.22337D-02	-1.03335D-05	-1.23130D-03	2.04801D-04	
198	-1.65666D-02	1.81753D-04	1.51820D-02	-1.77029D-05	-1.24153D-03	1.93531D-04	
199	3.38382D-02	-5.08814D-03	1.03464D-02	-5.53390D-04	-9.52222D-04	-1.57880D-04	
200	3.85540D-02	-4.81047D-03	-4.98639D-03	-7.13056D-04	-8.25286D-04	-2.56806D-04	
201	3.77006D-02	-4.81027D-03	-2.60243D-03	-7.25721D-04	-7.94308D-04	-2.60453D-04	
202	3.71593D-02	-4.81014D-03	-1.09782D-03	-7.32369D-04	-7.75012D-04	-2.65515D-04	
203	3.69324D-02	-4.60737D-03	-9.78672D-04	-7.49050D-04	-7.23770D-04	-2.88233D-04	
204	3.85168D-02	-4.13054D-03	-6.16000D-03	-7.79068D-04	-6.76271D-04	-3.02854D-04	
205	3.98271D-02	-3.75898D-03	-1.04508D-02	-8.12117D-04	-6.62794D-04	-2.93004D-04	
206	4.26646D-02	-3.75796D-03	-1.83414D-02	-8.81100D-04	-6.81222D-04	-3.44550D-04	
207	4.85895D-02	-2.94276D-04	-3.75542D-02	-1.24702D-03	-3.62318D-04	-4.79373D-04	
208	5.14646D-02	-1.68384D-07	-4.66436D-02	-2.33779D-03	5.87648D-07	-5.44166D-04	
209	4.21830D-03	4.40113D-04	3.91918D-03	8.18340D-05	8.56260D-05	-2.18383D-04	
210	3.49996D-03	3.82729D-04	3.62933D-03	8.11409D-05	8.73388D-05	-2.17786D-04	
211	8.24186D-03	1.95494D-04	5.33060D-03	8.21079D-05	8.73263D-05	-2.19281D-04	
212	2.76127D-03	3.21182D-04	3.33101D-03	7.96827D-05	8.91185D-05	-2.15448D-04	
213	-1.14303D-03	9.05415D-09	1.75471D-03	6.10690D-05	1.11546D-04	-1.59957D-04	
214	-7.51346D-03	-5.34846D-09	-4.27380D-03	2.31249D-05	-2.68360D-05	2.76024D-05	
215	-1.03330D-04	1.76413D-04	-2.97876D-04	-1.24977D-05	-8.33166D-06	2.67909D-06	
216	-4.24010D-05	3.42936D-05	-3.20454D-04	-9.98896D-06	-1.47973D-06	2.44585D-06	
217	-4.26520D-05	8.65303D-05	-2.52804D 04	-1.07864D-05	-4.30519D-06	2.43598D-06	
218	-2.75127D-05	1.13853D-04	-1.54616D-09	-4.66449D-06	-1.49335D-06	-4.26570D-08	
219	-5.27798D-05	1.13737D-04	2.19097D-04	-1.29084D-06	4.68114D-07	-5.27211D-07	
220	-5.38378D-05	1.13735D-04	2.21641D-04	-1.27749D-06	4.80417D-07	-5.29255D-07	
221	-5.40738D-05	1.10606D-04	2.19378D-04	-1.27750D-06	4.80094D-07	-5.29095D-07	
222	-5.48988D-05	1.13734D-04	2.24155D-04	-1.26463D-06	4.93029D-07	-5.31400D-07	
223	-6.39498D-05	1.13681D-04	2.40664D-04	-9.36009D-07	8.95168D-07	-5.99300D-07	
224	-6.51504D-05	1.13679D-04	2.42498D-04	-9.28269D-07	9.07780D-07	-6.01420D-07	
225	-6.54929D-05	1.10230D-04	2.37825D-04	-9.28280D-07	9.07430D-07	-6.01260D-07	
226	-6.63540D-05	1.13677D-04	2.44312D-04	-9.21157D-07	9.20727D-07	-6.03672D-07	
227	-3.76162D-05	4.69910D-05	1.08464D-04	7.07842D-07	2.85382D-06	-1.02668D-06	
228	-4.20689D-05	2.40780D-09	-3.13502D-04	-8.53133D-06	1.55427D-06	1.93837D-06	
229	-3.27888D-05	-1.33681D-05	-2.45846D-04	-6.82781D-06	2.85843D-06	1.32558D-06	
230	-2.77594D-05	-1.33638D-05	-2.19634D-04	-6.32794D-06	2.79805D-06	1.20089D-06	
231	-1.02187D-09	-1.54339D-05	-3.30325D-09	6.53932D-07	1.16959D-05	-1.77602D-06	
232	6.69788D-05	-1.16723D-05	-6.64739D-06	-4.48394D-08	3.98830D-06	9.48979D-07	
233	6.50717D-05	-1.16643D-05	-6.73735D-06	-4.23287D-08	3.97298D-06	9.52606D-07	
234	8.68980D-05	-1.16734D-05	-5.73299D-06	-4.23110D-08	3.97311D-06	9.52613D-07	
5	.1755 2.3	037D1 863D-05	75 8212D-06	-3.97787D-08	3.95754D- 3	0305D-5 829	

FORM 126-P-130 NEW 8-76

236	4.33358D-12	-1.32378D-05	3.05265D-11	-2.98619D-08	1.17353D-06	1.38516D-08
237	1.62858D-08	-1.32365D-05	3.59438D-08	-3.38571D-08	1.15844D-06	2.21396D-08
238	1.79776D-07	-1.32344D-05	2.57923D-07	-3.74746D-08	1.13896D-06	3.34828D-08
239	1.79783D-07	-1.34497D-05	7.43578D-06	-3.74746D-08	1.13923D-06	3.39646D-08
240	4.11898D-07	-1.32318D-05	4.92962D-07	-3.86985D-08	1.11883D-06	4.50284D-08
241	2.48628D-07	-5.12852D-07	-8.65888D-07	-2.04127D-07	4.71642D-08	-1.82735D-08
242	1.51843D-07	-5.97260D-07	-1.21314D-07	-1.33670D-07	4.58181D-09	-1.81996D-08
243	1.50658D-07	-3.52006D-07	-4.78633D-08	-1.16780D-07	1.38727D-08	-3.07138D-08
244	4.19422D-08	-1.55462D-07	-6.13881D-09	-1.77271D-08	-4.51674D-09	-1.14189D-08
245	1.83439D-08	-6.56806D-08	-4.21682D-09	-1.24704D-08	-3.29838D-09	-8.20691D-09
246	7.00701D-08	-6.56828D-08	-8.28074D-08	-1.24734D-08	-3.29838D-09	-8.20942D-09
247	2.20015D-09	-6.64636D-09	-2.29216D-09	-7.47362D-09	-2.02728D-09	-4.98870D-09
248	8.52921D-08	-2.77645D-07	2.24823D-09	1.86615D-08	7.21010D-09	-2.64891D-08
249	4.18823D-08	-1.47422D-07	1.54635D-09	1.90802D-08	6.22265D-09	-1.90380D-08
250	1.61874D-07	-1.47427D-07	1.21791D-07	1.90845D-08	6.22265D-09	-1.90438D-08
251	7.46194D-09	-3.15281D-08	8.40559D-10	1.38756D-08	4.20298D-09	-1.15726D-08
252	-4.67919D-03	2.63818D-04	1.88107D-02	-6.58507D-05	-1.29683D-03	1.28197D-04

M O D A L A N A L Y S I S

MODE NUMBER 3
FREQUENCY= 19.62932 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.10027D-04	-3.48357D-04	-6.79828D-05	-6.99116D-06	-1.21040D-06	-5.84482D-06
3	2.44324D-04	-4.22046D-04	-1.36256D-04	-1.53937D-06	6.65290D-06	-7.65986D-06
4	3.90858D-04	-4.22317D-04	-1.60600D-04	3.25646D-07	8.79702D-06	-8.56648D-06
5	5.26631D-04	-4.46380D-04	-7.00238D-05	1.88407D-05	5.28259D-06	-1.13814D-05
6	5.65080D-04	-2.73104D-04	2.58808D-05	3.46694D-05	3.79575D-07	-6.63760D-06
7	5.53966D-04	3.08615D-04	1.33868D-05	2.92253D-05	5.79204D-07	-7.28386D-06
8	4.24917D-04	7.41689D-04	-1.34319D-04	1.40192D-05	1.88412D-06	-1.48052D-05
9	4.24040D-04	1.35917D-04	-1.28605D-04	5.69194D-06	-8.10947D-07	-1.66037D-05
10	4.36156D-04	1.81062D-09	-1.16945D-04	5.24384D-06	-8.82290D-07	-1.51484D-05
11	3.58658D-04	-1.06467D-04	-1.09532D-04	2.05368D-06	3.76676D-06	-4.02584D-06
12	2.39003D-05	-5.06372D-09	-1.09405D-04	1.05449D-06	5.55832D-06	-1.26285D-06
13	-1.00868D-04	1.09907D-05	1.94046D-05	5.05589D-07	6.29556D-06	4.41000D-07
14	-1.01589D-04	1.42636D-05	7.28596D-04	6.23889D-07	1.14542D-06	-1.08183D-07
15	-3.50185D-05	1.89085D-05	7.25112D-04	-2.58369D-07	-2.97432D-06	2.28796D-07
16	5.76049D-05	4.94598D-06	6.12974D-04	-3.38742D-07	-5.73561D-06	3.23678D-07
17	5.74612D-05	-1.10506D-05	1.87330D-04	-2.40389D-07	-3.34365D-06	3.60416D-08
18	3.96928D-05	-9.67752D-06	1.42695D-04	-2.26838D-07	-2.66292D-06	-1.79316D-08
19	1.02652D-05	-6.73576D-06	1.13344D-04	-2.00470D-07	-2.36626D-06	-4.53757D-08
20	-2.95278D-06	-4.67737D-06	8.33413D-05	-1.67162D-07	-1.73244D-06	-6.58241D-08
21	-3.06478D-06	-1.03732D-06	1.17412D-05	-5.15694D-08	-9.72843D-07	-4.29578D-08
22	-9.38987D-08	-7.07524D-07	-1.93818D-06	7.68477D-08	-3.63612D-07	8.20710D-08
23	3.07865D-13	-1.11036D-13	-2.80674D-13	1.19167D-11	-2.26365D-11	9.62998D-12
25	-8.16985D-06	-2.88399D-04	4.29731D-08	-1.76868D-06	8.95107D-08	-2.91079D-06
26	2.38451D-06	-1.69957D-04	2.77016D-04	2.22923D-05	-1.20704D-06	9.44354D-07
7	-8.93793D-06	-1.70483D-04	5.29179D-04	2.32811D-05	-1.24433D-06	1.01222D-0
28	-4.12768D-05	-1.22355D-04	1.23637D-03	3.41653D-05	-4.91878D-06	4.70382D-06
29	-4.13738D-05	-7.04800D-05	1.29019D-03	3.50818D-05	-4.68524D-06	5.25120D-06
30	-3.43285D-05	-1.07254D-04	-5.12215D-04	2.14619D-05	2.30047D-06	-1.32296D-06
31	5.99469D-04	3.83203D-06	9.21005D-04	7.33515D-06	3.42368D-06	-6.71284D-06
32	2.52280D-04	-1.12009D-05	5.70750D-04	2.11212D-06	4.26601D-06	-3.80356D-06
33	1.75369D-04	-6.08035D-06	5.60787D-04	-7.01946D-07	1.85006D-06	-1.82508D-06
34	1.87798D-05	-3.10443D-05	7.19762D-04	-3.21390D-07	1.79129D-06	1.47084D-07
35	-3.50750D-06	-3.29454D-05	7.29840D-04	2.57667D-07	1.26944D-06	7.44514D-08
36	4.88048D-04	-1.29735D-03	6.10730D-05	5.08488D-05	-1.89980D-05	-6.06761D-05
37	4.78369D-04	-1.88054D-03	4.13557D-04	-4.06020D-05	-1.02605D-04	-4.86690D-05
38	1.20821D-04	-2.03477D-03	1.03509D-02	4.01374D-04	-4.77848D-04	1.14675D-04
9	-3.74757D-03	-1.31516D-02	-7.99210D-03	1.00734D-03	4.08164D-04	-2.82820D-0
40	-1.19648D-02	-7.68174D-03	2.34177D-04	6.51445D-05	2.30447D-03	-1.81813D-03
41	-2.54939D-02	-7.70489D-03	-3.39080D-04	2.84706D-05	2.66463D-03	-1.93989D-03
42	-7.70249D-02	-1.58322D-02	3.55281D-03	-1.52984D-03	3.86940D-03	-2.39073D-03
43	-1.41337D-01	-4.32116D-02	3.42516D-03	-1.73871D-03	3.66277D-03	-1.98960D-0
44	-1.60931D-01	-4.86594D-02	1.09428D-02	-2.39861D-03	-9.12639D-04	-1.01438D-03
45	-1.63305D-01	1.63192D-01	5.28724D-01	-2.85020D-03	8.31846D-03	-2.28317D-04
46	-1.66471D-01	1.62168D-01	5.50014D-01	-2.90075D-03	7.74316D-03	1.44520D-04
47	1.35765D-02	1.23835D-02	-3.66872D-02	-4.95120D-04	1.18137D-03	-6.05704D-04
48	9.75461D-03	1.37705D-02	-3.02115D-02	-5.43945D-04	6.38046D-04	-4.84538D-04
49	-1.32686D-02	5.11901D-03	-8.34441D-03	-1.38880D-04	-1.17591D-04	-1.39283D-04
50	-5.59650D-03	1.24551D-03	-6.75026D-03	-1.94073D-04	-4.48596D-04	2.59763D-05
51	4.10867D-03	5.63978D-03	9.38121D-05	2.29263D-04	1.98764D-05	6.80250D-04

52	-5.96654D-05	-3.27824D-06	-6.72839D-05	-5.55140D-06	-3.32644D-05	4.14130D-06
53	-8.10092D-11	-2.73648D-11	-8.85738D-11	-8.02540D-10	-2.88278D-09	6.28553D-10
54	-1.46506D-02	-6.30975D-05	1.36614D-02	1.31932D-04	-4.40755D-04	1.72296D-04
55	9.33901D-04	5.53670D-03	1.83973D-02	9.70073D-05	-5.11412D-04	1.29176D-04
56	9.18109D-03	5.40854D-03	1.28961D-02	2.02994D-05	-1.04537D-03	1.04130D-04
57	3.82655D-02	1.98872D-04	-8.31630D-02	-3.89132D-04	4.99175D-04	-1.76829D-04
58	3.17800D-02	1.90772D-03	-7.17610D-02	-5.41591D-04	1.08286D-03	-6.58992D-04
59	2.14601D-02	2.25852D-03	-6.31098D-02	-5.13840D-04	1.27467D-03	-6.75733D-04
60	8.14483D-04	1.36001D-04	-4.92561D-06	5.69215D-06	1.82452D-06	-1.83491D-05
61	1.02376D-03	1.05615D-04	4.62179D-05	5.19875D-06	1.15174D-05	-1.76809D-05
62	-1.77668D-04	-1.84691D-06	-4.39394D-04	5.44720D-06	1.71734D-05	-1.37045D-05
63	-3.26735D-04	-7.34428D-05	-6.41991D-04	9.27983D-06	1.16737D-05	-5.78217D-06
64	-3.29469D-04	-2.82516D-04	-1.36985D-03	1.02902D-05	7.69026D-06	4.10493D-07
65	-4.87867D-04	-1.86303D-04	-1.25370D-03	1.31361D-05	1.90019D-06	1.50370D-05
66	-9.57122D-04	-1.86281D-04	-8.63551D-04	1.25066D-05	2.28615D-07	1.55734D-05
67	-1.12284D-03	-1.75301D-05	-7.02143D-04	2.83757D-06	-5.54229D-06	6.99533D-06
68	-6.33322D-05	1.62083D-04	-8.40966D-05	-2.92906D-06	-5.79870D-06	1.49228D-06
69	-3.43596D-05	1.40882D-04	-7.46797D-05	-3.27985D-06	-2.00102D-06	1.25538D-06
70	2.25065D-06	1.39856D-05	-7.32979D-05	-2.80721D-06	-3.56230D-08	6.31411D-07
71	4.02358D-06	2.54412D-05	-4.72364D-05	-2.92810D-06	-7.05346D-07	2.01997D-07
72	3.95453D-06	2.57977D-05	-1.12441D-05	-1.83062D-06	-3.21617D-07	-1.81412D-07
73	-2.82303D-05	2.57794D-05	9.71245D-05	-3.88944D-07	5.48135D-07	-3.26252D-07
74	-2.82154D-05	1.99763D-05	8.12441D-05	2.11873D-07	1.21682D-06	-2.53485D-07
76	2.08726D-06	-2.72973D-06	-5.43853D-05	-2.12225D-06	9.96667D-07	3.23459D-07
77	1.95611D-06	-7.65038D-06	-2.11716D-05	-1.60835D-06	1.37507D-06	1.56375D-07
78	2.59105D-07	-8.85992D-06	6.67152D-07	-2.90578D-07	2.36390D-06	6.22241D-08
79	9.35517D-06	-7.18434D-06	-6.24683D-06	2.32003D-07	6.86241D-07	4.83079D-08
80	4.35253D-07	-1.09938D-06	-3.61607D-09	8.97382D-08	6.60010D-08	-3.11049D-08
82	-1.04894D-06	-2.69963D-06	-2.743 6D-06	1.88308D-07	2.83006D-07	-6.73496D-08
83	-1.46853D-06	-2.32187D-06	-4.57165D-06	6.61934D-08	1.14542D-07	7.45195D-08
84	-1.99433D-06	-5.50267D-07	-6.04481D-06	-3.10646D-09	7.16586D-08	1.02279D-07
85	-1.62663D-06	-1.19262D-07	-5.89357D-06	-1.15938D-07	1.58622D-08	6.08387D-08
86	2.13266D-08	-1.03820D-07	-3.48790D-08	-6.21700D-08	7.76433D-10	7.28199D-10
87	1.30653D-08	-4.70402D-08	-8.79424D-09	-3.35627D-08	-4.27539D-09	-3.51394D-09
88	1.47792D-09	1.22690D-08	-1.39494D-09	-2.09773D-09	-4.97997D-10	-6.50423D-09
90	1.38909D-08	-1.06073D-07	-7.20190D-09	-2.53937D-08	3.75979D-09	-1.00134D-08
91	3.56037D-09	-1.10355D-07	-9.55403D-10	5.63643D-09	5.89138D-10	-1.02670D-08
93	4.50152D-05	-4.97227D-05	-1.58578D-05	-3.20908D-06	-2.22318D-06	-1.64249D-06
94	1.72085D-04	-2.44557D-04	-5.54878D-05	-6.27531D-06	-2.29129D-06	-4.50259D-06
95	5.70299D-04	-3.84058D-04	3.67872D-05	3.10684D-05	6.60045D-07	-5.87288D-06
96	5.50295D-04	-8.29424D-04	2.97598D-05	5.15464D-05	-9.11321D-06	-4.34247D-05
97	5.62944D-04	-1.22084D-04	2.35916D- 5	3.45051D-05	3.11329D-07	-4.94561D-06
98	5.61398D-04	-2.11395D-08	2.20521D-05	3.36442D-05	3.02504D-07	-4.97091D-06
99	3.80529D-04	6.14457D-04	-1.73236D-04	9.76773D-06	2.74954D-07	-1.65416D-05
100	3.88494D-04	4.53793D-04	-1.61740D-04	7.72436D-06	-8.39209D-07	-1.70151D-05
101	4.15487D-04	2.21940D-04	-1.36556D-04	6.07508D-06	-1.01914D-06	-1.68508D-05
102	4.31357D-04	5.12994D-05	-1.21571D-04	5.38249D-06	-8.77509D-07	-1.57499D-05
103	5.98964D-04	1.35958D-04	-7.16789D-05	5.65378D-06	4.01967D-07	-1.75545D-05
104	3.24829D-04	-9.01282D-05	-1.09529D-04	1.76951D-06	4.42537D-06	-3.31512D-06
105	2.27988D-04	-5.46382D-05	-1.09525D-04	1.58529D-06	4.83068D-06	-2.91037D-06
106	3.09504D-04	-6.15237D-05	-7.89135D-05	1.55233D-06	4.83345D-06	-3.04178D-06
107	1.21761D-04	-2.27193D-05	-1.09470D-04	1.40430D-06	5.19344D-06	-2.23835D-06
108	-1.00919D-04	6.02656D-06	7.00722D-05	5.91587D-07	6.32874D-06	4.89265D-07
109	-1.34807D-04	8.16511D-06	7.00960D-05	1.08653D-07	3.45297D-06	4.93444D-06
110	-1.43325D-04	8.18858D-06	7.01060D-05	-3.28130D-08	2.29388D-06	6.83951D-06
111	-1.49889D-04	7.52535D-06	7.01217D-05	-1.76308D-07	5.50570D-07	9.85588D-06
112	-1.49910D-04	6.26642D-06	7.01339D-05	-1.96772D-07	-4.89445D-07	1.17992D-05
113	-5.30549D-04	-1.68381D-05	7.27114D-05	2.58622D-07	-2.66648D-07	1.51737D-05
114	-1.43597D-04	4.52329D-06	7.01349D-05	-3.43783D-07	-1.36873D-06	1.17998D-05
115	-1.38949D-04	3.44485D-06	7.01356D-05	-4.26790D-07	-1.86050D-06	1.18002D-05

116	-1.31444D-04	1.79832D-06	7.01364D-05	-4.94953D-07	-2.25745D-06	1.18008D-05
117	-1.23046D-04	5.19503D-11	7.01367D-05	-5.16701D-07	-2.38897D-06	1.18008D-05
118	-1.00448D-04	1.79833D-06	7.15566D-05	-5.78518D-07	-2.26247D-06	1.18145D-05
119	-1.04839D-04	-3.94015D-06	7.01370D-05	-5.16755D-07	-2.38753D-06	1.18008D-05
120	-3.68851D-05	1.79833D-06	7.49984D-05	-6.83027D-07	-2.27274D-06	1.18338D-05
121	1.55324D-05	3.68056D-08	7.77063D-05	-6.88874D-07	-2.27350D-06	1.18349D-05
122	-1.00986D-04	4.88026D-09	1.33779D-04	7.04029D-07	6.37278D-06	4.00050D-07
123	-1.01110D-04	-4.54499D-06	2.56267D-04	9.17668D-07	6.27063D-06	1.33990D-07
124	-1.01401D-04	1.08093D-07	5.29008D-04	1.45739D-06	4.57480D-06	-2.05377D-07
125	-1.01457D-04	2.44666D-06	5.72610D-04	1.56983D-06	3.97211D-06	-2.15978D-07
126	-1.01547D-04	7.14459D-06	6.48245D-04	1.70926D-06	3.07974D-06	-1.89311D-07
127	-1.04640D-04	1.16407D-05	7.02161D-04	2.00288D-06	3.08342D-06	-1.45615D-07
128	-1.01569D-04	1.14163D-05	7.01962D-04	1.25148D-06	2.17093D-06	-1.80101D-07
129	-1.01576D-04	1.25561D-05	7.13390D-04	1.02998D-06	1.78535D-06	-1.60757D-07
130	-8.91079D-05	8.29323D-06	7.28886D-04	5.48995D-07	1.11330D-06	-7.42377D-08
131	-1.11158D-04	1.97618D-05	7.28127D-04	4.21969D-07	5.73425D-07	-5.94098D-08
132	5.75864D-05	7.41577D-10	5.23843D-04	-3.22930D-07	-5.50102D-06	2.83017D-07
133	-2.98446D-06	-3.56952D-06	5.88931D-05	-1.34589D-07	-1.48906D-06	-7.01717D-08
134	-7.05890D-05	-3.29911D-10	7.29311D-04	5.24640D-07	1.05138D-06	-2.17765D-08
135	-5.56211D-05	-7.80374D-06	7.29662D-04	5.82956D-07	1.02842D-06	2.45127D-08
136	-3.41494D-05	-2.06086D-05	7.30025D-04	6.92518D-07	1.08567D-06	6.27793D-08
137	-3.44901D-05	-2.23417D-05	7.59167D-04	1.01009D-06	1.10367D-06	7.77368D-08
138	-1.07884D-05	-3.12148D-05	7.29893D-04	3.82679D-07	1.19428D-06	7.06231D-08
139	7.94991D-05	-1.12848D-05	6.58273D-04	-8.46175D-07	2.16599D-06	-2.29083D-07
140	1.51710D-04	3.06316D-09	5.84972D-04	-9.33578D-07	1.89773D-06	-1.16399D-06
141	1.65871D-04	-2.09713D-06	5.70505D-04	-8.20949D-07	1.81692D-06	-1.52952D-06
142	1.49525D-04	-1.13709D-05	5.54324D-04	7.34637D-06	4.89826D-06	-8.55862D-06
143	1.37689D-04	-1.34131D-05	5.42557D-04	1.09135D-05	6.32285D-06	-1.15029D-05
144	1.12578D-04	-1.37001D-05	5.17555D-04	1.66456D-05	8.70036D-06	-1.60829D-05
145	7.22891D-05	-9.62685D-06	4.77352D-04	2.04126D-05	1.03375D-05	-1.89597D-05
146	6.48427D-04	2.14925D-05	1.16622D-03	2.78025D-05	1.01775D-05	-2.30656D-05
147	2.45734D-05	-4.54351D-06	4.29631D-04	2.02196D-05	1.17597D-05	-1.91603D-05
148	1.53956D-06	-2.91018D-06	4.06601D-04	2.01107D-05	1.25556D-05	-1.92755D-05
149	-2.98231D-05	-1.30967D-06	3.75242D-04	2.00214D-05	1.31983D-05	-1.93731D-05
150	-6.22057D-05	9.65974D-11	3.42862D-04	1.99929D-05	1.34114D-05	-1.94015D-05
151	-8.11219D-05	-1.30970D-06	3.22876D-04	1.98917D-05	1.32386D-05	-1.96815D-05
152	-1.34514D-04	3.18921D-06	2.70555D-04	1.99930D-05	1.34101D-05	-1.94015D-05
153	-1.88147D-04	-1.30976D-06	2.16463D-04	1.97335D-05	1.33213D-05	-2.00713D-05
154	-2.91385D-04	-1.96502D-06	1.14654D-04	1.97248D-05	1.33274D-05	-2.00933D-05
155	2.80247D-04	-4.63279D-09	5.99016D-04	2.84684D-06	4.81826D-06	-4.24432D-06
156	4.38481D-04	1.71599D-05	7.58507D-04	6.11835D-06	5.61961D-06	-6.06651D-06
157	5.18950D-04	1.52278D-05	8.41132D-04	7.11032D-06	5.02335D-06	-6.67929D-06
158	7.13926D-04	-7.84572D-06	1.03541D-03	7.54290D-06	5.01537D-06	-6.97761D-06
159	5.88044D-04	5.51417D-06	9.09154D-04	7.23494D-06	4.17054D-06	-6.68907D-06
160	6.15796D-04	8.73360D-10	9.38173D-04	7.52683D-06	1.92246D-06	-6.77869D-06
161	4.91937D-04	9.22686D-06	7.73622D-04	9.57085D-06	-6.66765D-06	-6.64377D-06
162	1.55254D-04	-7.73862D-10	1.34984D-04	1.34148D-05	-9.11218D-06	-4.51721D-06
163	1.02091D-04	-1.66384D-05	-3.01374D-06	1.43114D-05	-8.58258D-06	-3.90180D-06
164	7.05114D-05	-3.07235D-05	-9.41651D-05	1.49292D-05	-8.05342D-06	-3.51428D-06
165	-2.45772D-05	-1.11083D-04	-4.69683D-04	1.82709D-05	-3.56054D-06	-1.97022D-06
166	9.07450D-04	-2.03232D-03	7.59005D-03	3.89237D-04	-4.73778D-04	1.10556D-04
167	-1.06440D-03	-2.10854D-03	1.42044D-02	4.02422D-04	-4.77810D-04	1.14759D-04
168	-6.77800D-04	-3.63847D-03	6.58849D-03	4.17251D-04	-4.80211D-04	1.17332D-04
169	-1.98255D-03	-6.52895D-03	4.21306D-04	5.60010D-04	-4.70797D-04	1.08961D-04
170	-4.26152D-03	-1.29749D-02	-1.03821D-02	9.09549D-04	4.82586D-05	-1.29381D-04
171	-4.70990D-03	-1.29753D-02	-1.34664D-02	9.48480D-04	4.82586D-05	-1.40126D-04
172	-5.09597D-03	-1.29757D-02	-1.60501D-02	9.70255D-04	4.82586D-05	-1.46117D-04
173	-5.84767D-03	-1.29759D-02	-2.10330D-02	9.72974D-04	4.82586D-05	-1.46859D-04
174	-6.84063D-03	-1.29759D-02	-2.76073D-02	9.74378D-04	4.82586D-05	-1.47207D-04
175	-4.11694D-03	-1.32194D-02	-9.71520D-03	9.60116D-04	2.16680D-04	-1.98251D-04

176	-1.75162D-02	-7.69167D-03	-7.06289D-08	5.63567D-05	2.45883D-03	-1.88088D-03
177	-1.61671D-01	7.56510D-08	-7.10277D-02	-2.52083D-03	-1.37749D-03	-1.12192D-03
178	-1.62564D-01	1.02493D-01	2.95990D-07	-2.68764D-03	4.64723D-03	-1.35993D-03
179	-2.78691D-01	2.25150D-08	9.14658D-01	-2.43254D-03	-2.93883D-03	7.80446D-04
180	-7.50988D-03	-7.83227D-02	2.47868D-02	-1.20221D-03	-5.58808D-03	-6.70163D-04
181	6.99318D-03	-7.46202D-02	-2.28699D-02	-1.10156D-03	-4.40227D-03	-7.94731D-04
182	2.72281D-02	-5.79729D-03	-8.24655D-02	-5.17987D-04	1.29042D-03	-7.17448D-04
183	2.46152D-02	-2.08570D-03	-7.36995D-02	-5.15688D-04	1.29004D-03	-7.00001D-04
184	2.66337D-02	2.27440D-03	-6.70538D-02	-5.29997D-04	1.18451D-03	-6.80510D-04
185	1.83335D-02	6.35097D-03	-5.26353D-02	-5.06995D-04	1.25464D-03	-6.47163D-04
186	-1.18109D-02	5.71614D-03	-1.01230D-02	-3.66017D-04	1.71404D-04	-3.06148D-04
187	-1.29711D-02	5.02686D-03	-8.96075D-03	-3.29376D-04	1.35958D-04	-2.93979D-04
188	-1.38427D-02	4.58787D-03	-8.14521D-03	-2.91974D-04	1.02614D-04	-2.85244D-04
189	-4.67223D-03	9.36853D-04	-5.71768D-03	-1.99420D-04	-4.45007D-04	3.63063D-05
190	-3.66168D-05	7.02180D-10	1.60238D-03	2.57690D-05	9.47743D-06	-1.43050D-06
191	-4.09281D-05	2.72421D-09	1.33918D-03	3.41845D-05	-1.07074D-06	3.61859D-06
192	-4.10940D-05	-2.29176D-05	1.32841D-03	3.45178D-05	-2.39390D-06	4.12465D-06
193	-2.12913D-04	-6.99042D-05	1.69026D-03	4.91875D-05	-3.92767D-05	2.98257D-05
194	-6.44908D-06	-2.28994D-04	1.49626D-07	-2.81828D-06	1.01144D-07	-2.78984D-06
195	-1.87854D-06	-6.55649D-05	3.53181D-07	-2.70659D-06	8.11868D-08	-1.67044D-06
196	-1.34455D-02	-6.32089D-05	1.27393D-02	1.31745D-04	-4.36386D-04	1.72115D-04
197	-1.62326D-02	3.90317D-06	1.50452D-02	1.33040D-04	-4.40724D-04	1.73492D-04
198	-1.11530D-02	1.38576D-03	1.47286D-02	1.30434D-04	-4.44188D-04	1.70203D-04
199	1.19923D-02	4.59737D-03	3.66680D-03	1.80046D-06	-1.08539D-03	9.15328D-05
200	1.78161D-02	3.14468D-03	-1.54610D-02	-3.55118D-05	-1.11176D-03	6.73578D-05
201	1.80512D-02	3.14483D-03	-1.53775D-02	-1.76206D-05	-1.11475D-03	7.28281D-05
202	1.82034D-02	3.14492D-03	-1.53504D-02	-1.05091D-05	-1.11661D-03	7.36224D-05
203	1.97994D-02	2.86964D-03	-1.96011D-02	-4.16377D-06	-1.11378D-03	6.83938D-05
204	2.22897D-02	2.35797D-03	-2.77462D-02	-8.94079D-06	-1.07642D-03	6.84221D-05
205	2.43810D-02	1.87067D-03	-3.45870D-02	-1.54156D-05	-1.05433D-03	7.60174D-05
206	2.37407D-02	1.87080D-03	-3.49201D-02	-7.45961D-05	-1.06362D-03	4.31156D-05
207	3.42207D-02	-7.75117D-05	-6.93717D-02	-1.57716D-04	-7.57936D-04	-8.23279D-06
208	3.89973D-02	-3.28347D-08	-8.55281D-02	-3.79956D-04	4.41045D-04	-1.62981D-04
209	8.08848D-04	7.28743D-05	-4.11768D-05	5.46063D-06	1.39596D-05	-1.82092D-05
210	6.91405D-04	5.70899D-05	-8.86594D-05	5.48237D-06	1.42417D-05	-1.82642D-05
211	1.09315D-03	4.17509D-05	1.87219D-05	5.48594D-06	1.42446D-05	-1.84794D-05
212	5.70977D-04	4.15547D-05	-1.37293D-04	5.48072D-06	1.45081D-05	-1.80932D-05
213	-5.03597D-05	-1.05632D-10	-3.88022D-04	5.44638D-06	1.72222D-05	-1.44098D-05
214	-1.10839D-03	-2.45541D-10	-6.93692D-04	2.64600D-06	-5.71614D-06	6.84555D-06
215	4.13481D-07	4.21088D-05	-7.36281D-05	-3.01246D-06	-4.29549D-07	7.79674D-07
216	2.19963D-06	7.55091D-06	-7.10764D-05	-2.59316D-06	3.52581D-07	5.71050D-07
217	2.24595D-06	2.01710D-05	-7.12296D-05	-2.83655D-06	-1.83440D-07	6.02347D-07
218	2.80219D-06	2.57985D-05	-8.15138D-10	-1.72882D-06	-2.73676D-07	-1.97415D-07
219	-1.91931D-05	2.57921D-05	8.46940D-05	-5.43903D-07	3.65534D-07	-3.18342D-07
220	-1.98310D-05	2.57919D-05	8.57687D-05	-5.39013D-07	3.69544D-07	-3.18549D-07
221	-1.99896D-05	2.39532D-05	8.39078D-05	-5.39018D-07	3.69410D-07	-3.18512D-07
222	-2.04689D-05	2.57917D-05	8.68319D-05	-5.34295D-07	3.73682D-07	-3.18770D-07
223	-2.56319D-05	2.57832D-05	9.40185D-05	-4.12772D-07	5.05615D-07	-3.24524D-07
224	-2.62814D-05	2.57829D-05	9.48303D-05	-4.09875D-07	5.09752D-07	-3.24666D-07
225	-2.64704D-05	2.39375D-05	9.21750D-05	-4.09881D-07	5.09605D-07	-3.24630D-07
226	-2.69306D-05	2.57825D-05	9.56343D-05	-4.07205D-07	5.14031D-07	-3.24835D-07
227	-1.46457D-05	1.00065D-05	4.22320D-05	1.58363D-07	1.12060D-06	-2.21903D-07
228	2.12846D-06	5.59701D-10	-6.21174D-05	-2.29482D-06	7.94404D-07	4.21523D-07
229	3.93820D-06	-2.72833D-06	-4.18061D-05	-1.84113D-06	9.59556D-07	2.60254D-07
230	4.89874D-06	-2.72744D-06	-3.48001D-05	-1.67620D-06	9.36270D-07	2.22669D-07
231	2.20067D-10	-8.84131D-06	-4.97471D-10	-2.81886D-07	2.34462D-06	5.71749D-08
232	9.70901D-06	-7.22130D-06	-8.16759D-06	2.21248D-07	7.21815D-07	3.77272D-08
233	9.63278D-06	-7.21784D-06	-7.72356D-06	2.22266D-07	7.18590D-07	3.86958D-08
234	1.35457D-05	-8.43501D-06	-7.60178D-06	2.22281D-07	7.18611D-07	3.86975D-08
235	9.55430D-06	-7.21433D-06	-7.27733D-06	2.23263D-07	7.15344D-07	3.96638D-08

236	2.52050D-12	-2.70118D-06	1.14879D-11	2.07236D-07	3.09750D-07	-8.29106D-08
237	-8.10780D-08	-2.70092D-06	-2.02954D-07	2.02166D-07	3.03929D-07	-7.93977D-08
238	-5.43805D-07	-2.70047D-06	-1.39488D-06	1.96282D-07	2.96418D-07	-7.48932D-08
239	-5.43825D-07	-2.22943D-06	4.72722D-07	1.96282D-07	2.96437D-07	-7.48065D-08
240	-9.80085D-07	-2.69994D-06	-2.55494D-06	1.91510D-07	2.88862D-07	-7.06213D-08
241	3.46790D-09	-1.05149D-07	-3.39958D-07	-8.14455D-08	2.07287D-09	7.46953D-09
242	2.14342D-08	-1.08702D-07	-2.83683D-08	-5.04744D-08	-1.38329D-09	2.38297D-10
243	2.13824D-08	-8.59252D-08	-2.51361D-08	-4.70110D-08	2.19509D-09	-2.32710D-09
244	1.20535D-09	1.21869D-08	-1.17554D-09	-7.34573D-10	-3.19697D-10	-5.33975D-09
245	9.06837D-11	1.00716D-08	-8.07089D-10	4.56042D-10	-1.41333D-10	-3.83733D-09
246	2.42744D-08	1.00720D-08	2.06670D-09	4.56123D-10	-1.41333D-10	-3.83828D-09
247	-2.22195D-10	3.73378D-09	-4.38715D-10	6.72193D-10	-5.07040D-11	-2.33258D-09
248	3.11736D-09	-1.00991D-07	-8.04684D-10	6.72619D-09	4.38179D-10	-8.42892D-09
249	1.13137D-09	-5.37674D-08	-5.51475D-10	6.92513D-09	2.70201D-10	-6.05739D-09
250	3.93067D-08	-5.37693D-08	4.30920D-08	6.92681D-09	2.70201D-10	-6.05892D-09
251	1.12211D-11	-1.15617D-08	-2.99769D-10	5.04967D-09	1.46760D-10	-3.68208D-09
252	-6.90809D-03	3.01747D-03	1.60171D-02	1.19145D-04	-4.59027D-04	1.55530D-04

M O D A L A N A L Y S I S

MODE NUMBER 4
FREQUENCY= 9.71140 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.54338D-03	-1.05252D-03	3.64855D-04	-2.39323D-05	2.91998D-05	1.71866D-05
3	-2.92449D-03	-2.01917D-03	-6.88593D-04	-1.12055D-04	6.80414D-05	6.94184D-05
4	-4.20062D-03	-2.01742D-03	-2.75974D-03	-1.12403D-04	7.33448D-05	7.08337D-05
5	-5.50624D-03	-1.89787D-03	-4.67832D-03	-8.49703D-05	6.99614D-05	7.50845D-05
6	-6.70015D-03	-8.86166D-04	-6.47714D-03	-5.40615D-05	4.89495D-05	7.91015D-05
7	-7.56969D-03	1.42919D-03	-8.09835D-03	-3.03112D-05	1.29659D-05	6.43010D-05
8	-2.82154D-03	4.09729D-03	-2.54061D-03	4.53334D-06	-1.40749D-04	-7.83163D-06
9	1.29914D-02	1.00566D-03	1.32408D-02	2.34660D-05	-1.63754D-04	-9.37967D-05
10	1.49651D-02	-2.65145D-08	1.51995D-02	6.54245D-06	-1.37329D-04	-9.46300D-05
11	1.22655D-02	-4.30200D-03	1.72065D-02	4.36557D-05	2.26988D-04	-8.63021D-06
12	-7.69586D-03	-1.42837D-07	1.71674D-02	6.49346D-05	3.44414D-04	2.95971D-05
13	-1.58986D-02	5.39046D-04	2.59339D-02	9.34620D-05	4.66174D-04	3.25557D-05
14	-1.59834D-02	2.27973D-03	8.95405D-02	9.31909D-05	9.33479D-05	9.16253D-06
15	-4.93542D-03	3.10902D-03	8.92185D-02	-3.59869D-05	-3.93457D-04	4.86776D-05
16	6.88985D-03	8.56232D-04	7.51007D-02	-4.73026D-05	-7.15302D-04	5.69335D-05
17	6.87296D-03	-1.97911D-03	2.24373D-02	-3.40075D-05	-4.09931D-04	6.88248D-06
18	4.70636D-03	-1.79026D-03	1.69862D-02	-3.25171D-05	-3.23815D-04	-3.22276D-06
19	1.13646D-03	-1.35372D-03	1.34259D-02	-2.85682D-05	-2.86526D-04	-8.32673D-06
20	-4.58128D-04	-1.01754D-03	9.81396D-03	-2.38735D-05	-2.07454D-04	-1.29943D-05
21	-4.71369D-04	-2.48597D-04	1.32200D-03	-6.67109D-06	-1.14469D-04	-1.11639D-05
22	-4.67672D-05	-9.57199D-05	-2.60088D-04	1.01277D-05	-4.20299D-05	7.20470D-06
23	3.62644D-11	-1.83505D-11	-3.79710D-11	1.60888D-09	-2.62711D-09	9.32525D-10
25	1.23727D-02	1.43598D-03	3.96828D-03	8.77910D-05	-2.02657D-04	-1.43518D-04
26	2.01568D-02	3.88502D-03	9.69713D-03	2.84109D-04	-2.09184D-04	-1.85350D-04
27	2.22493D-02	3.88342D-03	1.28802D-02	2.89789D-04	-1.96519D-04	-1.86528D-04
28	2.56167D-02	1.31527D-03	2.16967D-02	2.47473D-04	-3.82171D-05	-5.54854D-05
29	2.56225D-02	7.46575D-04	2.20551D-02	2.46994D-04	-2.28560D-05	-4.59969D-05
30	2.55660D-02	6.25598D-04	-2.06792D-02	4.81465D-04	1.58575D-04	-1.63466D-05
31	8.87273D-02	4.28012D-04	1.08631D-01	7.32443D-04	4.73186D-04	-6.68058D-04
32	4.06176D-02	-1.05465D-03	6.02138D-02	2.23226D-04	6.39607D-04	-3.80564D-04
33	2.68567D-02	-3.27747D-04	5.92151D-02	-6.45171D-05	3.86722D-04	-1.62385D-04
34	-1.85941D-03	-5.60459D-03	8.82395D-02	-1.21261D-05	2.85059D-04	7.05795D-05
35	-5.21763D-03	-5.74586D-03	8.97885D-02	5.96571D-05	1.76528D-04	6.06363D-05
36	-6.04379D-03	2.54516D-04	-6.83411D-03	-4.28976D-05	4.75444D-05	5.55540D-05
37	-5.71733D-03	4.57481D-04	-6.93134D-03	3.89402D-05	5.36802D-05	-2.81010D-05
38	-1.39310D-04	4.51073D-04	-3.37697D-04	5.36285D-05	1.88661D-05	-2.67213D-05
39	-6.88496D-05	4.66903D-05	-3.41806D-05	-3.44581D-06	-1.48797D-05	1.98666D-05
40	6.11039D-05	-1.16840D-04	-1.08050D-04	-3.48571D-05	-2.87661D-05	1.73058D-05
41	1.84632D-04	-1.17255D-04	1.57639D-04	-4.05174D-05	-3.41507D-05	1.62208D-05
42	6.44912D-04	-8.37924D-04	7.36918D-04	-9.84465D-05	-4.57792D-05	3.07422D-06
43	1.42027D-03	-2.51980D-03	7.38339D-04	-1.05098D-04	-4.49462D-05	-9.97739D-06
44	1.69092D-03	-3.28463D-03	5.94307D-04	-1.04736D-04	2.55741D-06	-4.06085D-05
45	1.72122D-03	1.12580D-02	-5.59684D-03	-1.61012D-04	-8.69890D-05	-8.10424D-06
46	1.75439D-03	1.11794D-02	-5.81938D-03	-1.65007D-04	-8.09289D-05	1.88864D-05
47	-1.14128D-04	4.76175D-04	2.97413D-04	-3.43389D-05	-8.89536D-06	-3.40619D-05
48	-8.50231D-05	5.43983D-04	2.48484D-04	-3.47669D-05	-4.95135D-06	-3.09618D-05
49	1.39891D-04	3.53330D-04	4.18368D-05	-1.12039D-05	1.44147D-07	-1.85118D-05
50	1.05594D-04	1.70955D-04	3.20594D-05	-3.33108D-06	2.66988D-06	-1.29780D-05
51	9.47208D-05	1.01630D-04	1.97847D-05	-3.25865D-06	2.69585D-06	-1.23947D-05

52	7.48016D-07	-9.78344D-08	1.81244D-07	2.91979D-08	4.17703D-08	-2.94736D-07
53	2.49858D-13	-8.16661D-13	1.93674D-13	3.67669D-12	3.61992D-12	-3.37042D-11
54	1.32615D-03	7.74779D-04	1.10056D-03	-3.03537D-04	4.91856D-05	2.43304D-04
55	-1.43957D-06	-6.41169D-03	6.84063D-04	-2.36155D-04	1.98076D-05	1.27076D-04
56	1.71823D-04	-8.58980D-03	4.63757D-04	-8.69787D-05	-4.19804D-05	-2.67524D-05
57	5.28327D-04	-3.69886D-05	-6.37650D-04	-6.13942D-05	9.79817D-06	-1.20074D-05
58	3.43127D-04	-6.02813D-05	-1.40324D-04	-4.23243D-05	-4.75274D-06	-2.90594D-05
59	-1.73740D-04	-3.52957D-05	4.96266D-04	-3.62632D-05	-9.72174D-06	-3.65834D-05
60	1.53426D-02	1.00308D-03	1.43520D-02	6.18432D-05	-7.46659D-05	-1.19768D-04
61	1.67206D-02	1.23123D-03	1.53074D-02	3.94064D-05	2.14335D-04	-1.10932D-04
62	-7.93707D-03	-2.18657D-04	5.36914D-03	2.03794D-05	3.67979D-04	-1.21742D-04
63	-1.12800D-02	-1.40276D-03	6.74298D-04	3.69068D-05	2.95411D-04	-7.25408D-05
64	-1.13400D-02	-4.19981D-03	-1.89004D-02	3.83474D-05	2.20122D-04	1.35006D-05
65	-1.45364D-02	-2.25351D-03	-1.99751D-02	9.53684D-05	8.77098D-05	3.04616D-04
66	-2.40529D-02	-2.25794D-03	-1.71794D-02	8.72024D-05	4.27479D-05	3.16255D-04
67	-2.76380D-02	-2.07130D-04	-1.60619D-02	-9.55584D-06	-1.19318D-04	1.58866D-04
68	-2.46015D-03	2.27208D-03	-1.43319D-03	-4.57977D-05	-1.49068D-04	4.09850D-05
69	-1.65403D-03	1.99385D-03	-1.18297D-03	-4.58029D-05	-6.58365D-05	3.59744D-05
70	-8.68700D-05	3.14856D-04	-1.16049D-03	-3.50203D-05	-1.24865D-05	1.52488D-05
71	-3.49298D-05	6.08199D-04	-5.91678D-04	-3.52357D-05	-1.76056D-05	7.37507D-06
72	1.01917D-05	6.34006D-04	-1.25329D-04	-2.03982D-05	-1.18939D-05	2.27635D-07
73	-2.33321D-04	6.33221D-04	9.77045D-04	-3.04702D-06	1.38135D-06	-3.78957D-06
74	-2.87037D-04	5.08313D-04	8.27875D-04	5.07134D-06	1.17238D-05	-6.25105D-06
76	-8.65903D-05	-6.40155D-05	-1.08958D-03	-2.40754D-05	1.18598D-05	7.45469D-06
77	-8.63220D-05	-1.77826D-04	-6.05615D-04	-1.55746D-05	2.11405D-05	3.10113D-06
78	-1.13496D-05	-1.28245D-04	-1.12139D-05	2.33505D-06	4.10881D-05	-3.75437D-06
79	1.91388D-04	-9.87535D-05	-6.87846D-05	1.03671D-06	1.28825D-05	2.55569D-06
80	8.50244D-06	-1.80215D-05	4.89967D-08	1.38777D-06	1.21674D-06	-3.15310D-07
82	-1.00605D-05	-6.31736D-05	2.23985D-05	-1.54520D-06	4.85734D-06	-5.73420D-07
83	-1.46864D-05	-5.68197D-05	6.42014D-06	-8.96302D-07	3.52234D-06	2.51560D-06
84	-3.36289D-05	-1.47237D-05	-4.67200D-05	-6.84015D-07	2.84099D-06	2.73931D-06
85	-2.68156D-05	-3.27002D-06	-5.33348D-05	-1.34874D-06	1.94601D-06	1.30521D-06
86	4.84773D-07	-2.84668D-06	-3.10910D-07	-4.88402D-07	9.51937D-08	2.56262D-08
87	3.52241D-07	-1.77053D-06	-1.87776D-07	-3.37722D-07	-7.64094D-08	3.96839D-08
88	1.04334D-07	-7.95608D-07	-3.34532D-08	-8.65424D-08	-1.53874D-08	-1.29242D-08
90	4.52704D-07	-2.42833D-06	7.65512D-09	-1.13562D-07	1.31673D-08	-1.38610D-07
91	3.58969D-07	-1.89404D-06	2.01926D-08	1.25549D-07	2.65590D-08	-1.16110D-07
93	-1.82931D-04	-6.04263D-05	3.32120D-05	-4.07696D-06	1.08221D-05	4.58559D-06
94	-1.02130D-03	-5.95041D-04	2.34597D-04	-1.64747D-05	2.43317D-05	1.30470D-05
95	-6.42671D-03	-1.37044D-03	-5.96903D-03	-6.08897D-05	5.16372D-05	8.17868D-05
96	-6.29708D-03	-1.52175D-04	-6.69580D-03	-4.69927D-05	4.83291D-05	6.45878D-05
97	-6.95353D-03	-3.91521D-04	-6.94808D-03	-4.84735D-05	4.43562D-05	7.69771D-05
98	-7.13210D-03	-1.61466D-09	-7.28020D-03	-4.43266D-05	3.95058D-05	7.48793D-05
99	2.51439D-03	3.56972D-03	2.78177D-03	1.09813D-05	-2.02025D-04	-4.17928D-05
100	6.79109D-03	2.80533D-03	7.04997D-03	1.52248D-05	-2.18649D-04	-6.27732D-05
101	1.15759D-02	1.53475D-03	1.18277D-02	2.11040D-05	-1.87010D-04	-8.60327D-05
102	1.42387D-02	4.17939D-04	1.44789D-02	1.31481D-05	-1.48640D-04	-9.42812D-05
103	1.40036D-02	1.00449D-03	1.36471D-02	4.54055D-05	-1.22753D-04	-1.05799D-04
104	1.02297D-02	-3.89522D-03	1.72026D-02	5.82907D-05	2.63928D-04	9.99824D-07
105	4.46770D-03	-2.58514D-03	1.71998D-02	6.79486D-05	2.86244D-04	6.48406D-06
106	4.34818D-03	-2.57693D-03	1.85953D-02	7.58467D-05	2.85580D-04	4.54516D-06
107	-1.79965D-03	-1.17819D-03	1.71847D-02	6.64453D-05	3.10244D-04	1.59119D-05
108	-1.59054D-02	2.56350D-04	2.96871D-02	1.03489D-04	4.83993D-04	2.74099D-05
109	-1.83253D-02	5.93385D-04	2.96983D-02	2.06497D-05	2.13351D-04	5.66274D-04
110	-1.87917D-02	6.04585D-04	2.97031D-02	5.58306D-06	1.01785D-04	7.97215D-04
111	-1.88573D-02	5.82128D-04	2.97105D-02	6.81231D-06	-6.91818D-05	1.16287D-03
112	-1.81171D-02	6.49143D-04	2.97163D-02	3.00258D-05	-1.74122D-04	1.39846D-03
113	-6.32285D-02	-1.83778D-03	3.43869D-02	2.51364D-04	-1.36967D-04	1.80742D-03
114	-1.67061D-02	6.36730D-04	2.97168D-02	-2.03387D-05	-2.69507D-04	1.39858D-03
115	-1.58842D-02	5.23055D-04	2.97171D-02	-4.88251D-05	-3.22861D-04	1.39868D-03

116	-1.46615D-02	2.87588D-04	2.97174D-02	-7.22874D-05	-3.65932D-04	1.39881D-03
117	-1.33420D-02	1.77335D-08	2.97176D-02	-7.97001D-05	-3.80204D-04	1.39881D-03
118	-1.09855D-02	2.87587D-04	2.99568D-02	-1.06541D-04	-3.66932D-04	1.40176D-03
119	-1.04439D-02	-6.07753D-04	2.97177D-02	-7.97086D-05	-3.80058D-04	1.39881D-03
120	-3.43862D-03	2.87584D-04	3.06656D-02	-1.49379D-04	-3.68978D-04	1.40572D-03
121	3.04208D-03	-9.98895D-05	3.12614D-02	-1.51778D-04	-3.69130D-04	1.40596D-03
122	-1.59140D-02	2.13198D-07	3.46040D-02	1.16997D-04	5.13359D-04	1.41853D-05
123	-1.59298D-02	3.08818D-05	4.50540D-02	1.42662D-04	5.51024D-04	-1.00734D-05
124	-1.59660D-02	1.31490D-03	7.06722D-02	2.07499D-04	4.43707D-04	-2.71956D-05
125	-1.59730D-02	1.59536D-03	7.49445D-02	2.21007D-04	3.86382D-04	-2.28116D-05
126	-1.59839D-02	2.02047D-03	8.23220D-02	2.37757D-04	2.94871D-04	-1.21582D-05
127	-1.65192D-02	2.64102D-03	8.97483D-02	2.75971D-04	2.95461D-04	-5.14185D-06
128	-1.59839D-02	2.25885D-03	8.73402D-02	1.76783D-04	1.98914D-04	-6.11975D-06
129	-1.59838D-02	2.29536D-03	8.83615D-02	1.47280D-04	1.58860D-04	-1.43793D-06
130	-1.49068D-02	1.35806D-03	8.96759D-02	8.59300D-05	9.88900D-05	1.89169D-05
131	-1.66541D-02	3.10582D-03	8.95838D-02	6.37012D-05	2.58655D-05	1.48818D-05
132	6.88769D-03	1.09568D-07	6.40160D-02	-4.51652D-05	-6.83874D-04	4.95158D-05
133	-4.61878D-04	-7.98022D-04	6.89664D-03	-1.90259D-05	-1.77317D-04	-1.42545D-05
134	-1.31492D-02	-6.03139D-08	8.97276D-02	8.67729D-05	1.03567D-04	3.39918D-05
135	-1.16378D-02	-1.32526D-03	8.97702D-02	9.74256D-05	1.11991D-04	4.72932D-05
136	-9.20029D-03	-3.46996D-03	8.98143D-02	1.13094D-04	1.31649D-04	5.82892D-05
137	-1.06759D-02	-3.81483D-03	9.41711D-02	1.53188D-04	1.33758D-04	6.29200D-05
138	-6.21337D-03	-5.36321D-03	8.97959D-02	7.50597D-05	1.59898D-04	5.98665D-05
139	8.27027D-03	-2.38610D-03	7.80091D-02	-7.72910D-05	3.77335D-04	2.63761D-05
140	2.16721D-02	2.86465D-07	6.44672D-02	-8.88173D-05	3.86134D-04	-8.61974D-05
141	2.47640D-02	-2.31783D-05	6.13361D-02	-7.66203D-05	3.81888D-04	-1.29095D-04
142	2.22153D-02	-8.47713D-04	5.88026D-02	8.68874D-04	6.68540D-04	-9.78820D-04
143	2.06620D-02	-1.03627D-03	5.72558D-02	1.28042D-03	8.08613D-04	-1.33650D-03
144	1.75635D-02	-1.07799D-03	5.41674D-02	1.94003D-03	1.05084D-03	-1.89510D-03
145	1.27562D-02	-7.38696D-04	4.93679D-0.	2.37203D-03	1.22477D-03	-2.24796D-03
146	8.18123D-02	2.86066D-03	1.28903D-01	3.20296D-03	1.20396D-03	-2.77488D-03
147	7.13838D-03	-3.19607D-04	4.37494D-02	2.35307D-03	1.38023D-03	-2.26792D-03
148	4.44467D-03	-1.94478D-04	4.10560D-02	2.34243D-03	1.46723D-03	-2.27942D-03
149	7.90306D-04	-8.28849D-05	3.74021D-02	2.33378D-03	1.53748D-03	-2.28918D-03
150	-2.97552D-03	9.57528D-09	3.36364D-02	2.33096D-03	1.56077D-03	-2.29201D-03
151	-5.26517D-03	-8.28876D-05	3.12881D-02	2.32550D-03	1.54285D-03	-2.32138D-03
152	-1.13907D-02	2.10049D-04	2.52214D-02	2.33096D-03	1.56064D-03	-2.29200D-03
153	-1.78719D-02	-8.28929D-05	1.88202D-02	2.31563D-03	1.55385D-03	-2.36214D-03
154	-2.99958D-02	-1.71144D-04	6.88849D-03	2.31510D-03	1.55466D-03	-2.36444D-03
155	4.47662D-02	-4.66898D-07	6.43889D-02	2.98418D-04	6.99953D-04	-4.29093D-04
156	6.67737D-02	1.62695D-03	8.65088D-02	6.33030D-04	7.67502D-04	-6.30597D-04
157	7.77194D-02	1.50914D-03	9.77247D-02	7.34528D-04	6.85025D-04	-6.97983D-04
158	9.86495D-02	-9.12597D-04	1.17680D-01	7.84534D-04	6.84544D-04	-7.39906D-04
159	8.71579D-02	5.96158D-04	1.07009D-01	7.34219D-04	5.71565D-04	-6.81604D-04
160	9.10139D-02	4.08744D-08	1.11022D-01	7.27134D-04	2.76614D-04	-6.41635D-04
161	7.66696D-02	-9.37527D-04	9.18578D-02	6.75315D-04	-7.88200D-04	-4.55852D-04
162	3.91320D-02	-9.26570D-09	2.13030D-02	6.12795D-04	-8.86724D-04	-2.57079D-04
163	3.41125D-02	1.14016D-04	8.37303D-03	6.00215D-04	-7.51569D-04	-2.20345D-04
164	3.14902D-02	1.64183D-04	8.97892D-04	5.91088D-04	-6.42899D-04	-1.96235D-04
165	2.56217D-02	2.23087D-04	-2.22865D-02	5.36770D-04	-1.48243D-04	-8.56953D-05
166	-3.32689D-04	4.51185D-04	-7.15791D-04	5.42159D-05	1.92437D-05	-2.82035D-05
167	1.29531D-04	4.56752D-04	2.05731D-04	5.36436D-05	1.88668D-05	-2.67322D-05
168	-1.07907D-04	5.63862D-04	-1.90852D-04	5.25270D-05	1.84521D-05	-2.49219D-05
169	-6.32522D-05	6.50814D-04	1.34435D-05	4.16630D-05	1.25279D-05	-1.01372D-05
170	-4.15444D-05	2.70064D-04	9.95223D-05	8.43959D-06	-7.92659D-06	1.60126D-05
171	1.19875D-05	2.70074D-04	7.15812D-05	8.43450D-06	-7.92659D-06	1.62832D-05
172	5.59960D-05	2.70081D-04	4.89122D-05	8.43305D-06	-7.92659D-06	1.64362D-05
173	1.40305D-04	2.70085D-04	5.69282D-06	8.43328D-06	-7.92659D-06	1.64557D-05
174	2.51443D-04	2.70086D-04	-5.12445D-05	8.43593D-06	-7.92659D-06	1.64687D-05
175	-5.30229D-05	1.59858D-04	4.28666D-05	2.55033D-06	-1.13888D-05	1.81929D-05

176	1.14030D-04	-1.17018D-04	1.61615D-09	-3.73356D-05	-3.10738D-05	1.70154D-05
177	1.70016D-03	2.60901D-09	1.09970D-03	-1.19967D-04	8.15318D-06	-8.68806D-05
178	1.71153D-03	7.39177D-03	-2.94561D-09	-1.40755D-04	-5.14484D-05	-9.32596D-05
179	2.91952D-03	1.78374D-09	-9.59490D-03	-1.42874D-04	3.16155D-05	5.99146D-05
180	8.48519D-05	-5.00807D-03	-2.80841D-04	-7.00825D-05	5.59510D-05	-4.34986D-05
181	-5.81900D-05	-4.74549D-03	1.90296D-04	-6.43578D-05	4.29943D-05	-5.15133D-05
182	-2.19002D-04	-4.40963D-04	6.49293D-04	-3.62059D-05	-1.03855D-05	-3.96636D-05
183	-1.98197D-04	-2.52126D-04	5.79005D-04	-3.62020D-05	-1.01654D-05	-3.83698D-05
184	8.20397D-05	-3.43640D-05	2.09509D-04	-3.94614D-05	-7.32956D-06	-3.25566D-05
185	-1.49998D-04	1.68142D-04	4.17103D-04	-3.55310D-05	-9.49027D-06	-3.55558D-05
186	9.37351D-05	1.76679D-04	8.42792D-05	-2.42872D-05	-1.65234D-06	-2.43427D-05
187	1.05541D-04	1.59358D-04	7.30154D-0[illegible]	-2.24226D-05	-1.41269D-06	-2.38824D-05
188	1.15224D-04	1.54388D-04	6.43565D-05	-2.05646D-05	-1.19164D-06	-2.35470D-05
189	1.00180D-04	1.36310D-04	2.60173D-05	-3.28988D-06	2.68579D-06	-1.26821D-05
190	2.56265D-02	6.66397D-09	-6.32652D-08	4.07317D-04	2.52835D-04	1.75385D-05
191	2.56309D-02	1.70261D-08	2.22518D-02	2.62441D-04	5.12725D-06	-3.62250D-05
192	2.56280D-02	2.57072D-04	2.22373D-02	2.56704D-04	-5.85067D-06	-4.02363D-05
193	2.57575D-02	7.48877D-04	2.38865D-02	1.47629D-04	-1.71413D-05	1.57556D-05
194	9.00767D-03	9.28126D-04	2.77720D-03	6.79035D-05	-1.95639D-04	-1.17404D-04
195	2.17354D-03	1.30187D-04	6.74677D-04	2.64670D-05	-1.18989D-04	-5.23086D-05
196	3.04411D-03	7.74375D-04	3.24103D-03	-3.06274D-04	4.84639D-05	2.46273D-04
197	-1.12577D-03	6.92597D-04	-1.94230D-03	-3.03681D-04	4.91903D-05	2.43389D-04
198	9.31923D-04	-1.02071D-03	9.79201D-04	-2.99257D-04	4.92309D-05	2.37717D-04
199	2.87697D-04	-8.45664D-03	8.79731D-0	-7.80114D-05	-4.04980D-05	-5.15058D-05
200	4.78836D-04	-7.56519D-03	-5.31158D-04	-6.34923D-05	-3.15074D-05	-8.98334D-05
201	1.59563D-04	-7.56530D-03	-3.28338D-04	-5.96610D-05	-3.08377D-05	-1.00879D-04
202	-5.38749D-05	-7.56536D-03	-2.07142D-04	-5.83014D-05	-3.04206D-05	-1.04593D-04
203	-4.43489D-04	-7.22918D-03	-8.99932D-05	-5.77640D-05	-2.91305D-05	-1.04317D-04
204	-3.80149D-04	-6.59394D-03	-2.99979D-04	-5.73475D-05	-2.73542D-05	-1.03716D-04
205	-3.28568D-04	-6.04038D-03	-4.70985D-04	-5.78153D-05	-2.55733D-05	-1.00479D-04
206	6.26345D-04	-6.03990D-03	-1.00677D-03	-5.37784D-05	-2.23809D-05	-1.12227D-04
207	7.79696D-04	-2.42756D-03	-1.49540D-03	-5.22442D-05	-4.73747D-06	-9.77475D-05
208	5.43720D-04	-8.76042D-10	-6.89635D-04	-6.20880D-05	1.06010D-05	-1.23831D-05
209	1.25199D-02	1.07453D-03	1.36152D-02	4.51647D-05	2.79688D-04	-1.38228D-04
210	1.01581D-02	9.82687D-04	1.26631D-02	4.59678D-05	2.86581D-04	-1.40885D-04
211	1.33325D-02	8.61937D-04	1.34990D-02	4.86711D-05	2.86525D-04	-1.43551D-04
212	7.72908D-03	8.83144D-04	1.1682[illegible]D-02	4.43596D-05	2.93074D-04	-1.40428D-04
213	-5.21706D-03	-1.00815D-09	6.46616D-03	2.22065D-05	3.66459D-04	-1.25548D-04
214	-2.73260D-02	2.45363D-09	-1.58831D-02	-1.12193D-05	-1.23911D-04	1.56158D-04
215	-2.66004D-04	6.70933D-04	-1.16586D-03	-3.87113D-05	-2.51894D-05	2.01734D-05
216	-8.67845D-05	1.67204D-04	-1.22519D-03	-3.16000D-05	-3.37574D-06	1.32388D-05
217	-8.69274D-05	4.64898D-04	-1.01631D-03	-3.52522D-05	-1.40379D-05	1.47115D-05
218	1.04570D-05	6.34008D-04	-9.83596D-09	-1.91310D-05	-1.11605D-05	-8.08175D-08
219	-1.35414D-04	6.33609D-04	8.74978D-04	-4.79398D-06	-1.38171D-06	-3.19995D-06
220	-1.41840D-04	6.33604D-04	8.84406D-04	-4.73756D-06	-1.32038D-06	-3.21360D-06
221	-1.42403D-04	6.15225D-04	8.92868D-04	-4.73759D-06	-1.32183D-06	-3.21260D-06
222	-1.48290D-04	6.33596D-04	8.93703D-04	-4.68330D-06	-1.25765D-06	-3.22777D-06
223	-2.03671D-04	6.33335D-04	9.52861D-04	-3.30609D-06	7.42509D-07	-3.65705D-06
224	-2.11005D-04	6.33325D-04	9.59308D-04	-3.27405D-06	8.05239D-07	-3.66981D-06
225	-2.12123D-04	6.12769D-04	9.55852D 04	-3.27408D-06	8.03682D-07	-3.66882D-06
226	-2.18360D-04	6.33314D-04	9.65672D-04	-3.24474D-06	8.69455D-07	-3.68321D-06
227	-1.52085D-04	2.58793D-04	4.39389D-04	3.87811D-06	1.13804D-05	-5.68260D-06
228	-8.66624D-05	8.28043D-09	-1.17750D-03	-2.68328D-05	7.04873D-06	9.62924D-06
229	-4.32100D-05	-6.39757D-05	-9.44446D-04	-2.16509D-05	1.14960D-05	6.22399D-06
230	-1.98832D-05	-6.39505D-05	-8.60945D-04	-2.02607D-05	1.12678D-05	5.49886D-06
231	-4.15256D-10	-1.27916D-04	-1.15068D-08	2.25376D-06	4.07640D-05	-3.69811D-06
232	2.12504D-04	-9.93989D-05	-7.63218D-05	8.26007D-07	1.34815D-05	2.40731D-06
233	2.07663D-04	-9.93382D-05	-7.46636D-05	8.44852D-07	1.34273D-05	2.42162D-06
234	2.81221D-04	-1.04539D-04	-7.15268D-05	8.45029D-07	1.34277D-05	2.42165D-06
235	2.02786D-04	-9.92770D-05	-7.296[illegible]9D-05	8.63794D-07	1.33726D-05	2.43561D-06

236	3.18403D-11	-6.32163D-05	8.53406D-11	-1.62923D-06	5.12616D-06	-8.53776D-07
237	-8.31591D-07	-6.32090D-05	1.63779D-06	-1.61774D-06	5.06910D-06	-7.94755D-07
238	-5.37779D-06	-6.31967D-05	1.13116D-05	-1.59753D-06	4.99547D-06	-7.15816D-07
239	-5.37799D-06	-5.87080D-05	4.27984D-05	-1.59753D-06	4.99717D-06	-7.13493D-07
240	-9.44868D-06	-6.31822D-05	2.08317D-05	-1.56961D-06	4.91766D-06	-6.36714D-07
241	2.66706D-07	-2.88309D-06	-2.69861D-06	-6.44981D-07	2.54248D-07	9.26742D-08
242	4.85736D-07	-2.68804D-06	-4.55255D-07	-4.29025D-07	3.58844D-08	4.31737D-08
243	4.79347D-07	-2.64851D-06	-5.92991D-08	-3.34083D-07	6.35992D-08	-2.71690D-08
244	9.19415D-08	-7.11937D-07	-2.81966D-08	-7.34710D-08	-1.18312D-08	-1.06120D-08
245	3.57310D-08	-3.18655D-07	-1.93691D-08	-5.52163D-08	-7.70430D-09	-7.62872D-09
246	8.38219D-08	-3.18666D-07	-3.67363D-07	-5.52308D-08	-7.70430D-09	-7.63204D-09
247	1.90023D-09	-4.20976D-08	-1.05286D-08	-3.45392D-08	-4.36517D-09	-4.63724D-09
248	3.25637D-07	-1.72318D-06	1.70265D-08	1.31119D-07	2.63482D-08	-9.53302D-08
249	1.62641D-07	-8.79528D-07	1.17097D-08	1.22177D-07	2.34679D-08	-6.85196D-08
250	5.94526D-07	-8.79560D-07	7.81704D-07	1.22208D-07	2.34679D-08	-6.85431D-08
251	3.02749D-08	-1.72543D-07	6.36511D-09	8.54972D-08	1.60948D-08	-4.16507D-08
252	4.81891D-04	-3.05428D-03	8.37718D-04	-2.73106D-04	4.05217D-05	1.98383D-04

M O D A L A N A L Y S I S

MODE NUMBER 5
FREQUENCY= 10.8557 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-8.67460D-03	-9.62820D-04	2.27499D-03	8.53731D-07	1.62642D-04	-1.16754D-04
3	-9.14481D-03	1.76353D-03	7.22115D-03	4.76502D-04	2.73483D-04	-2.84592D-04
4	-3.79294D-03	1.75287D-03	1.60883D-02	5.14808D-04	3.01358D-04	-3.12029D-04
5	1.28745D-03	1.43721D-03	2.40660D-02	7.53847D-04	2.44087D-04	-4.69021D-04
6	1.52643D-03	3.60940D-04	2.38104D-02	8.98690D-04	2.29184D-04	-5.14485D-04
7	-4.12308D-03	1.15216D-05	1.33292D-02	1.11651D-03	2.03416D-04	-6.08788D-04
8	-2.40448D-03	1.45260D-02	1.27698D-02	1.43121D-03	-3.36754D-04	-1.16484D-03
9	4.99864D-02	6.98864D-03	6.51707D-02	1.47715D-03	-4.11248D-04	-1.97971D-03
10	5.37524D-02	-1.85118D-07	6.89435D-02	1.22789D-03	-1.98225D-04	-1.85263D-03
11	3.11212D-02	-9.80600D-03	6.29264D-02	1.87655D-04	2.11213D-04	-6.32935D-04
12	2.23340D-02	-5.13510D-07	6.27185D-02	5.64340D-05	-3.51923D-05	-2.54109D-04
13	2.76588D-02	6.80202D-04	5.41442D-02	-6.88939D-05	-5.32889D-04	5.12429D-06
14	2.73726D-02	-7.70980D-04	-5.00449D-03	-2.64440D-05	-6.07069D-05	-5.76306D-05
15	1.44088D-02	-2.32280D-03	-5.02149D-03	-1.77602D-05	2.72237D-04	-7.03412D-05
16	8.87823D-03	-1.13945D-03	-2.33888D-04	-1.92864D-05	1.73811D-04	-7.53388D-05
17	8.64925D-03	5.18669D-03	6.99622D-03	-2.86443D-05	-2.16517D-05	-4.51372D-05
18	8.14050D-03	5.84373D-03	6.08829D-03	-2.61052D-05	-9.22240D-05	-1.77752D-05
19	6.84137D-03	6.28183D-03	4.83114D-03	-2.82262D-05	-1.03334D-04	-4.22501D-07
20	6.16072D-03	6.20281D-03	3.37575D-03	-2.18864D-05	-8.09737D-05	3.33922D-05
21	6.01869D-03	2.76310D-03	3.49877D-04	-1.61068D-05	-2.86462D-05	9.61141D-05
22	3.10564D-03	3.23539D-05	9.65534D-05	-5.12156D-06	1.72097D-05	1.24177D-04
23	4.03408D-10	-8.85272D-12	8.65832D-12	-5.31712D-10	4.39325D-09	1.71786D-08
25	-9.10873D-03	-1.17424D-03	-2.90371D-03	-5.22096D-05	1.48224D-04	9.06207D-05
26	-1.45323D-02	-2.06540D-03	-5.49446D-03	-9.86101D-05	1.40667D-04	1.25764D-04
27	-1.59537D-02	-2.06568D-03	-6.59766D-03	-9.95528D-05	1.31059D-04	1.26080D-04
28	-1.81051D-02	-5.41622D-04	-9.94224D-03	-4.35509D-05	1.29034D-05	2.52207D-05
29	-1.81093D-02	-2.97784D-04	-1.00394D 02	-4.17480D-05	3.44020D-06	1.92253D-05
30	-1.80280D-02	-1.17126D-04	5.26144D-03	-6.98416D-05	-4.18499D-05	3.13612D-06
31	-2.40269D-02	1.57738D-05	-7.47584D-03	-9.34795D-05	-1.98481D-04	9.81175D-05
32	-5.18223D-03	-1.21031D-04	1.14266D-02	-3.95978D-05	-3.24454D-04	1.69944D-05
33	4.00365D-03	-6.17388D-04	1.16712D-02	-6.82259D-06	-2.74828D-04	-3.96144D-05
34	2.00869D-02	3.31378D-03	-4.34023D-03	-5.06202D-05	-1.32754D-04	-1.15414D-04
35	2.16898D-02	3.27829D-03	-5.05159D-03	-5.36789D-05	-8.51015D-05	-1.30006D-04
36	4.33220D-03	-1.51390D-02	2.22856D-02	8.32922D-04	1.93441D-04	-4.66876D-04
37	7.27051D-03	-2.12669D-02	2.52798D-02	1.24986D-04	1.07093D-04	-3.55596D-05
38	5.55062D-03	-2.13933D-02	1.83906D-05	-3.97087D-04	-5.27433D-05	-1.23396D-04
39	4.81338D-03	4.00946D-04	-3.17428D-03	-3.27676D-04	-3.20574D-05	-3.20687D-04
40	1.88624D-03	3.85373D-03	-7.62009D-04	-2.55493D-04	-3.85346D-05	-2.87724D-04
41	-1.00909D-04	3.85484D-03	9.87526D-04	-2.43132D-04	-3.44850D-05	-2.75072D-04
42	-1.62081D-03	2.62003D-03	2.62774D-03	-8.09074D-05	-5.90965D-05	-1.74589D-04
43	-6.98033D-04	1.49591D-03	2.62805D-03	-5.86211D-05	-5.38434D-05	-1.31490D-04
44	-2.88227D-04	1.89935D-03	2.26805D-03	-5.26788D-05	-3.32741D-05	-3.49235D-05
45	-2.93277D-04	-2.20672D-02	9.44295D-04	1.70612D-04	1.83617D-05	1.52885D-05
46	-3.00544D-04	-2.19537D-02	9.92735D-04	1.81416D-04	1.81237D-05	-4.90128D-05
47	4.93835D-06	-1.16822D-03	-8.58708D-06	4.14013D-05	-8.40385D-07	6.51266D-05
48	7.08871D-06	-1.35073D-03	-1.27114D-05	5.02447D-05	-2.16050D-07	4.86600D-05
49	-3.93922D-05	-4.78526D-04	2.34465D-05	1.71217D-05	8.92048D-07	2.38933D-05
50	-7.01129D-05	-2.05477D-04	2.00599D-05	5.47775D-06	1.01235D-06	1.51545D-05
51	-7.43890D-05	-1.19324D-04	1.52144D-05	5.46937D-06	8.89002D-07	1.42122D-05

52	-2.97986D-07	1.96925D-07	3.83689D-07	-4.09547D-09	2.67560D-07	2.97418D-07
53	4.68122D-13	1.64381D-12	6.17845D-13	7.74161D-13	2.31875D-11	3.25705D-11
54	-8.66825D-05	-3.12908D-04	-7.29896D-04	1.00950D-04	3.63356D-06	-1.87579D-04
55	-4.25441D-04	9.89696D-04	-8.29395D-04	7.22153D-05	1.98269D-05	-1.19865D-04
56	-7.86212D-04	1.94320D-03	-6.00782D-04	6.15599D-06	3.80759D-05	-3.50846D-05
57	-1.34008D-03	5.05785D-05	1.15300D-03	5.12202D-05	-7.22479D-06	7.38929D-06
58	-1.03589D-03	3.30878D-05	6.80626D-04	4.27981D-05	-4.36227D-06	5.77765D-05
59	-5.23035D-07	7.67888D-06	1.06508D-05	3.99628D-05	-8.20982D-07	7.28530D-05
60	1.01035D-01	6.93584D-03	1.03976D-01	1.85833D-03	-8.98749D-05	-2.53691D-03
61	1.47558D-01	1.21988D-02	1.32741D-01	1.42945D-03	1.14272D-03	-3.63701D-03
62	-1.85959D-02	-1.39032D-03	6.58616D-02	9.72273D-04	2.88515D-03	-2.83406D-03
63	-4.78544D-02	-1.92749D-02	2.20592D-02	1.53576D-03	3.13802D-03	-1.17829D-03
64	-4.84447D-02	-5.52317D-02	-1.99510D-01	1.25254D-03	2.61208D-03	2.52158D-04
65	-8.63975D-02	-3.12108D-02	-2.05706D-01	1.56279D-03	1.36484D-03	3.53578D-03
66	-1.96606D-01	-3.11994D-02	-1.60459D-01	1.42367D-03	8.77056D-04	3.66470D-03
67	-2.44418D-01	-3.01614D-03	-1.45521D-01	1.06027D-04	-8.76104D-04	1.86036D-03
68	-2.18207D-02	3.22501D-02	-1.60346D-02	-6.06184D-04	-1.37531D-03	4.82243D-04
69	-1.44502D-02	2.83172D-02	-1.37312D-02	-6.42292D-04	-5.86793D-04	4.19616D-04
70	-1.14910D-03	4.19136D-03	-1.34967D-02	-5.15077D-04	-7.59922D-05	1.96559D-04
71	-5.00258D-04	7.95020D-03	-8.03263D-03	-5.06686D-04	-1.21471D-04	8.81437D-05
72	-7.77778D-05	8.22916D-03	-1.94076D-03	-3.18448D-04	-4.90558D-05	-1.43078D-05
73	-5.13680D-03	8.22594D-03	1.86135D-02	-8.34447D-05	1.07614D-04	-6.16445D-05
74	-5.41745D-03	6.62759D-03	1.5590[illegible]D-02	4.73591D-05	2.33504D-04	-8.74693D-05
76	-1.14255D-03	-8.73470D-04	-1.12561D-02	-3.79271D-04	1.65604D-04	1.01913D-04
77	-1.13665D-03	-2.49309D-03	-5.21659D-03	-2.76300D-04	2.56610D-04	4.53716D-05
78	-1.52251D-04	-1.88078D-03	3.80955D-05	-2.76581D-05	4.77756D-04	-4.99155D-05
79	2.31712D-03	-1.50365D-03	-1.22476D-03	3.77855D-05	1.53146D-04	3.28353D-05
80	1.04416D-04	-2.43845D-04	-4.20041D-07	1.95169D-05	1.46041D-05	-3.12229D-06
82	-1.57623D-04	-8.64521D-04	-3.35840D-04	2.32136D-05	5.14212D-05	-9.39404D-06
83	-1.97452D-04	-7.45790D-04	-6.43520D-04	1.11490D-05	2.49486D-05	2.74031D-05
84	-3.19840D-04	-1.77117D-04	-9.85797D 04	1.85189D-06	1.73636D-05	3.18258D-05
85	-2.23069D-04	-3.94246D-05	-9.93192D-04	-1.92352D-05	7.22234D-06	1.28362D-05
86	8.83033D-06	-3.43241D-05	-7.52079D-06	-1.07092D-05	3.53473D-07	-1.03046D-06
87	6.77402D-06	-2.58591D-05	-2.35731D-06	-6.77432D-06	-1.11256D-06	-3.04756D-07
88	3.07444D-06	-9.57846D-06	-2.98393D-07	-1.29936D-06	-3.28092D-07	-9.03120D-07
90	7.14858D-06	-2.47729D-05	-1.63143D-06	-4.07238D-06	8.77635D-07	-2.45366D-06
91	4.02207D-06	-2.28595D-05	-9.83785D-08	1.25827D-06	3.69549D-07	-2.14704D-06
93	-1.03680D-03	-4.86427D-04	2.61733D-04	-2.76760D-05	6.19010D-05	-3.03643D-05
94	-5.76422D-03	-1.23460D-03	1.50474D-03	-1.95439D-05	1.36630D-04	-8.81287D-05
95	2.73320D-03	7.01984D-04	2.60446D-02	8.54107D-04	2.24218D-04	-4.97195D-04
96	3.29578D-03	-9.24981D-03	2.28516D-02	8.66042D-04	2.05262D-04	-4.89475D-04
97	2.98574D-04	1.23420D-04	2.15339D-02	9.46436D-04	2.32245D-04	-5.31648D-04
98	-6.69845D-04	4.96841D-08	1.97386D-02	9.84133D-04	2.31670D-04	-5.44617D-04
99	1.31642D-02	1.89862D-02	2.82635D-02	1.46571D-03	-6.90011D-04	-1.46195D-03
100	2.89245D-02	1.72893D-02	4.39729D-02	1.47431D-03	-7.95937D-04	-1.66034D-03
101	4.58321D-02	1.05661D-02	6.09820D-02	1.47729D-03	-5.72549D-04	-1.89648D-03
102	5.26124D-02	2.90420D-03	6.78010D-02	1.32672D-03	-2.78808D-04	-1.90014D-03
103	7.19549D-02	6.96445D-03	8.19810D-02	1.70492D-03	-2.63343D-04	-2.26995D-03
104	2.93855D-02	-8.36568D-03	6.28989D 02	1.76751D-04	1.73007D-04	-5.41007D-04
105	2.59694D-02	-4.72585D-03	6.28801D-02	1.76202D-04	1.42621D-04	-4.88654D-04
106	3.96348D-02	-5.87792D-03	6.82908D-02	2.12446D-04	1.39573D-04	-5.09952D-04
107	2.31946D-02	-1.59676D-03	6.28046D-02	1.25066D-04	9.14803D-05	-3.92983D-04
108	2.76537D-02	4.36046D-04	4.95695D-02	-6.65023D-05	-5.53869D-04	1.54547D-05
109	3.30472D-02	-1.23377D-04	4.95946D-02	-5.72903D-05	-8.19345D-04	-3.98248D-03
110	3.56604D-02	-2.86076D-04	4.96052D-02	-2.68907D-05	-8.10081D-04	-5.69588D-03
111	3.94271D-02	-2.89547D-04	4.96219D-02	5.36972D-05	-6.45014D-04	-8.40877D-03
112	4.28357D-02	2.19144D-04	4.96349D-02	1.34619D-04	-4.04592D-04	-1.01566D-02
113	3.74005D-01	2.11603D-02	6.18815D-02	6.43735D-04	-5.48423D-04	-1.31845D-02
114	4.40915D-02	6.30054D-04	4.96358D-02	3.08372D-05	-9.95850D-05	-1.01612D-02
115	4.39872D-02	5.86779D-04	4.96364D-02	-2.78647D-05	7.09097D-05	-1.01651D-02

116	4.33226D-02	3.47086D-04	4.96371D-02	-7.62182D-05	2.08379D-04	-1.01701D-02
117	4.23518D-02	3.65355D-08	4.96374D-02	-9.14845D-05	2.53377D-04	-1.01701D-02
118	1.64713D-02	3.47082D-04	4.99402D-02	-1.47398D-04	2.41647D-04	-1.02779D-02
119	4.04246D-02	-6.97614D-04	4.96377D-02	-9.14967D-05	2.52670D-04	-1.01701D-02
120	-3.92069D-02	3.47073D-04	5.10155D-02	-2.36441D-04	3.09767D-04	-1.04149D-02
121	-8.10388D-02	-2.68599D-04	5.19624D-0[illegible]	-2.41429D-04	3.14812D-04	-1.04226D-02
122	2.76394D-02	4.40837D-07	4.37248D-02	-6.32279D-05	-5.52681D-04	3.18637D-05
123	2.76110D-02	-7.67020D-04	3.34701D-02	-5.70066D-05	-5.18028D-04	4.03464D-05
124	2.75316D-02	-2.43767D-03	1.16322D-02	-4.12896D-05	-3.66912D-04	1.04263D-05
125	2.75137D-02	-2.49968D-03	8.13200D-03	-3.80152D-05	-3.23033D-04	-5.01965D-06
126	2.74840D-02	-2.19672D-03	1.91387D-0[illegible]	-3.39549D-05	-2.59878D-04	-3.01613D-05
127	2.93126D-02	-2.27453D-03	1.01802D-03	-3.35161D-05	-2.61186D-04	-4.57183D-05
128	2.74300D-02	-1.53186D-03	-2.83365D-03	-3.07870D-05	-1.82439D-04	-3.83070D-05
129	2.74099D-02	-1.30017D-03	-3.83403D-03	-2.92541D-05	-1.41058D-04	-4.42966D-05
130	2.65823D-02	-5.03905D-04	-5.01214D-03	-2.83835D-05	-6.69804D-05	-7.51019D-05
131	2.74305D-02	-1.04614D-03	-5.00725D-03	-2.41669D-05	2.68682D-05	-5.94703D-05
132	8.84231D-03	1.64988D-08	2.12501D-03	-2.07908D-05	1.42852D-04	-7.55858D-05
133	6.12101D-03	5.57524D-03	2.23946D-03	-2.02577D-05	-6.69987D-05	4.98421D-05
134	2.53480D-02	1.13793D-07	-5.02376D-03	-3.79383D-05	-5.94672D-05	-1.02103D-04
135	2.46442D-02	6.68759D-04	-5.03380D-03	-4.87410D-05	-5.12089D-05	-1.25928D-04
136	2.36246D-02	1.78394D-03	-5.04453D-03	-5.54215D-05	-5.94745D-05	-1.45623D-04
137	2.78405D-02	2.13454D-03	-6.72196D-03	-5.90564D-05	-5.88078D-05	-1.60466D-04
138	2.21835D-02	2.94804D-03	-5.04909D-03	-5.45032D-05	-7.69355D-05	-1.35128D-04
139	1.52638D-02	1.61002D-03	4.60505D-04	-3.42490D-05	-1.89590D-04	-8.57555D-05
140	7.72524D-03	-3.70762D-08	7.96780D-03	-1.10705D-05	-2.52026D-04	-5.67048D-05
141	5.54091D-03	-3.90804D-04	1.01437D-02	-5.26594D-06	-2.66396D-04	-4.95885D-05
142	7.29721D-03	-5.56750D-04	1.19026D-02	1.22101D-03	-3.70562D-04	-1.23450D-03
143	8.12519D-03	-5.66652D-04	1.27317D-02	1.74597D-03	-3.61539D-04	-1.74269D-03
144	9.30042D-03	-5.11318D-04	1.39087D-02	2.57675D-03	-2.81635D-04	-2.54811D-03
145	1.03415D-02	-3.55936D-04	1.49512D-02	3.11147D-03	-1.71647D-04	-3.06756D-03
146	1.09783D-01	4.26120D-03	1.16342D-01	4.04915D-03	-2.07612D-04	-3.95106D-03
147	1.07229D-02	-1.93230D-04	1.53327D-02	3.10908D-03	-4.40028D-05	-3.07276D-03
148	1.06963D-02	-1.32229D-04	1.53062D-02	3.10814D-03	2.73398D-05	-3.07611D-03
149	1.05053D-02	-6.33380D-05	1.51152D-02	3.10792D-03	8.48526D-05	-3.07944D-03
150	1.02237D-02	1.88276D-09	1.48337D-02	3.10736D-03	1.03670D-04	-3.07999D-03
151	2.36955D-03	-6.33389D-05	6.91344D-03	3.13820D-03	9.93829D-05	-3.11575D-03
152	9.66610D-03	1.47624D-04	1.42761D-02	3.10737D-03	1.03374D-04	-3.07999D-03
153	-1.45238D-02	-6.33404D-05	-1.00766D-02	3.17674D-03	1.29135D-04	-3.16184D-03
154	-2.72174D-02	-3.69338D-05	-2.28275 -02	3.17892D-03	1.31339D-04	-3.16444D-03
155	-7.27513D-03	4.39808D-08	9.33358D-03	-4.79385D-05	-3.23236D-04	2.95006D-05
156	-1.58489D-02	2.63449D-04	7.56528D-04	-8.26058D-05	-2.81398D-04	8.51692D-05
157	-1.98001D-02	1.41870D-04	-3.27833D-03	-9.22606D-05	-2.54706D-04	1.03931D-04
158	-2.33323D-02	4.78103D-04	-5.42088D-03	-9.51527D-05	-2.55271D-04	1.16329D-04
159	-2.33929D-02	3.46127D-05	-6.81721D-03	-9.30962D-05	-2.24155D-04	1.00698D-04
160	-2.50901D-02	-9.46968D-09	-8.59276D-03	-9.38516D-05	-1.48034D-04	9.32006D-05
161	-2.50595D-02	-7.24182D-05	-8.43246D-03	-9.23782D-05	1.03711D-04	6.14062D-05
162	-1.94733D-02	-8.34275D-10	1.66805D-03	-8.61576D-05	1.22007D-04	3.38807D-05
163	-1.87592D-02	1.14174D-05	3.39084D-03	-8.45119D-05	9.74370D-05	2.95727D-05
164	-1.84026D-02	1.67429D-05	4.31410D-03	-8.33347D-05	7.86412D-05	2.67104D-05
165	-1.78928D-02	1.23945D-06	6.57118D-03	-7.65370D-05	3.41936D-06	1.29905D-05
166	4.71951D-03	-2.13918D-02	2.79949D-03	-3.96347D-04	-5.10100D-05	-1.15695D-04
167	6.78869D-03	-2.13197D-02	-3.97702D-03	-3.97444D-04	-5.27520D-05	-1.23958D-04
168	5.45929D-03	-1.97318D-02	-4.02644D-04	-3.96361D-04	-5.38490D-05	-1.31578D-04
169	5.29391D-03	-1.65305D-02	-1.12524D-03	-3.87445D-04	-5.42496D-05	-1.99119D-04
170	4.91112D-03	-4.16782D-03	-2.76790D-03	-3.46474D-04	-3.76304D-05	-3.09522D-04
171	3.89207D-03	-4.16800D-03	-1.61510D-03	-3.49366D-04	-3.76304D-05	-3.06269D-04
172	3.07159D-03	-4.16815D-03	-6.73397D-04	-3.51044D-04	-3.76304D-05	-3.04524D-04
173	1.51170D-03	-4.16822D-03	1.12653D-03	-3.51271D-04	-3.76304D-05	-3.04328D-04
174	-5.42679D-04	-4.16823D-03	3.49869D-03	-3.51497D-04	-3.76304D-05	-3.04363D-04
175	4.86054D-03	-1.88856D-03	-2.97932D-03	-3.37314D-04	-3.48328D-05	-3.16234D-04

176	1.01569D-03	3.85421D-03	-2.76150D-09	-2.50319D-04	-3.67991D-05	-2.82798D-04
177	-2.89815D-04	-7.46717D-09	7.91900D-04	7.75408D-06	-2.20100D-05	1.19542D-04
178	-2.91718D-04	-1.37028D-02	7.40631D-10	9.02363D-05	2.78487D-06	1.95323D-04
179	-6.13288D-04	-3.22619D-09	2.01143D-03	1.86017D-04	-5.36691D-06	-1.69785D-04
180	-2.41954D-05	1.22517D-02	7.95282D-05	7.40314D-05	-1.01971D-05	7.09641D-05
181	4.46918D-07	1.16524D-02	-1.45969D-06	6.38904D-05	-6.97800D-06	9.41518D-05
182	-2.88192D-06	9.80188D-04	1.77473D-05	3.84189D-05	-2.90013D-07	8.05987D-05
183	-2.11284D-06	5.26026D-04	1.55119D-05	3.90363D-05	-5.05651D-07	7.73616D-05
184	-5.16996D-04	4.96769D-06	3.19336D-04	4.15987D-05	-2.57245D-06	6.54621D-05
185	1.57223D-06	-4.69358D-04	3.26355D-06	4.05779D-05	-8.71185D-07	6.96681D-05
186	-6.14741D-07	-5.59289D-04	-8.13208D-06	3.99164D-05	3.35165D-07	3.19921D-05
187	-3.56297D-06	-4.72069D-04	-5.82060D-06	3.68435D-05	3.76600D-07	3.12844D-05
188	-6.67229D-06	-4.10601D-04	-3.38405D-06	3.35666D-05	4.21908D-07	3.09695D-05
189	-7.23083D-05	-1.62311D-04	1.75994D-05	5.46284D-06	9.58939D-07	1.46741D-05
190	-1.80913D-02	1.34247D-09	-1.92163D-09	-6.09574D-05	-7.59453D-05	-4.62737D-06
191	-1.81146D-02	-3.95556D-09	-9.96780D-03	-4.35989D-05	-1.27212D-05	1.44225D-05
192	-1.81128D-02	-1.00766D-04	-1.00280D-02	-4.29114D-05	-6.58339D-06	1.62537D-05
193	-1.81020D-02	-2.99015D-04	-1.02908D-02	-1.24258D-05	3.45554D-06	-2.08657D-05
194	-6.64308D-03	-8.58031D-04	-2.03424D-03	-4.35867D-05	1.43519D-04	7.31210D-05
195	-1.60971D-03	-1.86590D-04	-4.93540D-04	-2.05676D-05	8.78063D-05	3.15034D-05
196	-1.40808D-03	-3.12691D-04	-1.44323D-03	1.02257D-04	3.63162D-06	-1.89172D-04
197	1.79023D-03	-2.97355D-04	2.79566D-04	1.00975D-04	3.62725D-06	-1.87747D-04
198	-1.13853D-04	2.62129D-05	-7.37907D-04	9.90315D-05	3.90101D-06	-1.84311D-04
199	-8.87907D-04	2.18707D-03	-2.71490D-04	4.19716D-06	3.67341D-05	-1.99387D-05
200	-1.06972D-03	2.30900D-03	3.16987D-04	1.89850D-06	3.13932D-05	5.05494D-06
201	-1.03973D-03	2.30903D-03	3.15091D-04	-3.34361D-07	3.04985D-05	1.19053D-05
202	-1.01175D-03	2.30905D-03	3.16858D-04	-1.09034D-06	2.99412D-05	1.44261D-05
203	-9.82513D-04	2.24723D-03	4.33033D-04	-9.99324D-07	2.82630D-05	1.53765D-05
204	-1.04356D-03	2.13640D-03	6.34324D-04	9.11401D-08	2.58922D-05	1.46293D-05
205	-1.09262D-03	2.04793D-03	7.96396D-04	1.61019D-06	2.47903D-05	1.21169D-05
206	-1.22486D-03	2.04771D-03	8.17828D-04	1.97100D-06	2.50279D-05	2.27965D-05
207	-1.42832D-03	9.55419D-04	1.47109D-03	1.07383D-05	1.03121D-05	3.18252D-05
208	-1.35140D-03	5.59016D-09	1.19125D-03	4.96409D-05	-7.62969D-06	7.43780D-06
209	1.24525D-01	1.04189D-02	1.23557D-01	1.43869D-03	1.68978D-03	-3.86138D-03
210	1.10221D-01	9.36297D-03	1.17797D-01	1.44401D-03	1.76268D-03	-3.88218D-03
211	1.95305D-01	6.00580D-03	1.48363D-01	1.48115D-03	1.76208D-03	-3.93105D-03
212	9.51077D-02	8.23045D-03	1.11698D-01	1.41587D-03	1.83687D-03	-3.84704D-03
213	2.58374D-03	7.67171D-08	7.44058D-02	1.01522D-03	2.81581D-03	-3.00764D-03
214	-2.42122D-01	-4.90439D-08	-1.44179D-01	7.95374D-05	-9.26937D-04	1.82764D-03
215	-2.45714D-03	9.40370D-03	-1.35529D-02	-5.62955D-04	-1.98293D-04	2.49560D-04
216	-1.14708D-03	2.25018D-03	-1.36592D-02	-4.72637D-04	1.44747D-05	1.74312D-04
217	-1.15030D-03	6.13143D-03	-1.25229D-02	-5.15400D-04	-9.29234D-05	1.89677D-04
218	-1.80397D-04	8.22971D-03	-1.07467D-07	-3.03122D-04	-4.04427D-05	-1.86669D-05
219	-3.48403D-03	8.23027D-03	1.59601D-02	-1.13373D-04	7.43992D-05	-5.64476D-05
220	-3.59726D-03	8.23023D-03	1.61847D-02	-1.12471D-04	7.51195D-05	-5.65640D-05
221	-3.62735D-03	7.90069D-03	1.58074D-02	-1.12472D-04	7.50874D-05	-5.65481D-05
222	-3.71062D-03	8.23014D-03	1.64072D-02	-1.11595D-04	7.58706D-05	-5.66889D-05
223	-4.65076D-03	8.22732D-03	1.79435D-02	-8.83447D-05	9.98188D-05	-6.04242D-05
224	-4.77178D-03	8.22722D-03	1.81178D-02	-8.77641D-05	1.00570D-04	-6.05341D-05
225	-4.80814D-03	7.88118D-03	1.75960D-02	-8.77653D-05	1.00534D-04	-6.05184D-05
226	-4.89289D-03	8.22707D-03	1.82904D-02	-8.72225D-05	1.01355D-04	-6.06556D-05
227	-2.81464D-03	3.38455D-03	8.11045D-03	3.83636D-05	2.14973D-04	-7.82911D-05
228	-1.14423D-03	1.19397D-07	-1.25161D-02	-4.13485D-04	1.17930D-04	1.29846D-04
229	-5.49401D-04	-8.73070D-04	-9.00135D-03	-3.31377D-04	1.59668D-04	8.51128D-05
230	-2.30368D-04	-8.72816D-04	-7.73700D-03	-3.03524D-04	1.55943D-04	7.52106D-05
231	-9.47388D-09	-1.87662D-03	-1.15307D-07	-2.69774D-05	4.74025D-04	-4.91055D-05
232	2.58995D-03	-1.51202D-03	-1.53249D-03	3.51851D-05	1.60055D-04	3.10872D-05
233	2.52739D-03	-1.51124D-03	-1.46185D-03	3.54274D-05	1.59431D-04	3.12592D-05
234	3.40152D-03	-1.71158D-03	-1.43122D-03	3.54311D-05	1.59438D-04	3.12597D-05
235	2.46441D-03	-1.51044D-03	-1.39068D-03	3.56661D-05	1.58800D-04	3.14260D-05

236	4.51336D-10	-8.65014D-04	1.90314D-09	2.53792D-05	5.57227D-05	-1.30342D-05
237	-1.27325D-05	-8.64933D-04	-2.47628D-05	2.47476D-05	5.47915D-05	-1.22562D-05
238	-8.33310D-05	-8.64796D-04	-1.70556D-04	2.40461D-05	5.35901D-05	-1.12191D-05
239	-8.33349D-05	-7.94470D-04	1.67137D-04	2.40461D-05	5.35984D-05	-1.11798D-05
240	-1.47749D-04	-8.64623D-04	-3.12744D-04	2.35314D-05	5.23682D-05	5-1.02035D-05
241	1.18931D-05	-3.47630D-05	-5.97903D-05	-1.39122D-05	9.43766D-07	-3.14697D-07
242	8.81729D-06	-3.81831D-05	-6.77401D-06	-9.04801D-06	-1.71009D-07	-6.97266D-07
243	8.79369D-06	-2.61650D-05	-5.30281D-06	-7.90333D-06	5.40544D-07	-1.54503D-06
244	2.75360D-06	-8.48058D-06	-2.51536D-07	-1.02462D-06	-2.80404D-07	-7.41540D-07
245	1.24194D-06	-3.44963D-06	-1.72846D-07	-6.94452D-07	-2.12582D-07	-5.33069D-07
246	4.60233D-06	-3.44979D-06	-4.54992D-06	-6.94677D-07	-2.12582D-07	-5.33296D-07
247	1.68960D-07	-2.75465D-07	-9.39552D-08	-4.05374D-07	-1.33762D-07	-3.24034D-07
248	3.62365D-06	-2.08881D-05	-8.27687D-08	1.44264D-06	3.34314D-07	-1.76284D-06
249	1.71545D-06	-1.10020D-05	-5.65546D-08	1.44503D-06	2.71223D-07	-1.26714D-06
250	9.70275D-06	-1.10025D-05	9.05118D-06	1.44548D-06	2.71223D-07	-1.26762D-06
251	2.75154D-07	-2.31357D-06	-3.07418D-08	1.04238D-06	1.77470D-07	-7.70 50D-0
252	-1.63117D-04	3.96588D-04	-7.51608D-04	8.75971D-05	9.56426D-06	-1.61346D-04

5

05

5

5 2.46441D 03 1.51044D 03 1.39068D 03 3.56661D 05 1.58800D 04 3.14260D 05

M O D A L A N A L Y S I S

MODE NUMBER 6
FREQUENCY= 11.0218 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-4.51411D-03	-1.23504D-03	1.21043D-03	-2.68798D-07	8.30712D-05	-6.67529D-05
3	-4.22768D-03	7.55872D-04	4.68878D-03	3.48851D-04	1.27853D-04	-1.94071D-04
4	-5.88821D-04	7.47211D-04	1.11854D-02	3.73031D-04	1.40710D-04	-2.10685D-04
5	2.92422D-03	6.04665D-04	1.71049D-02	5.06454D-04	1.06372D-04	-3.03318D-04
6	3.64029D-03	8.63055D-05	1.80824D-02	5.81718D-04	1.06046D-04	-3.24840D-04
7	8.44957D-04	3.55974D-04	1.29009D-02	6.99003D-04	1.09823D-04	-3.67092D-04
8	8.63027D-05	1.05388D-02	1.05274D-02	8.45690D-04	-1.45697D-04	-6.83101D-04
9	2.50333D-02	4.61853D-03	3.55096D-02	8.28263D-04	-1.48431D-04	-1.16457D-03
10	2.59315D-02	-1.24262D-07	3.64280D-02	6.72423D-04	-5.99260D-06	-1.07773D-03
11	-5.22658D-03	-8.12312D-03	2.61222D-02	1.16180D-04	2.89793D-04	-1.93547D-04
12	-2.16377D-02	-9.49446D-08	2.60331D-02	1.03937D-04	1.93226D-04	-1.88884D-05
13	-2.45888D-02	1.06355D-03	2.76924D-02	7.95290D-05	2.35708D-05	5.90107D-05
14	-2.46391D-02	1.86422D-03	1.51992D-02	6.23021D-05	-1.92151D-04	6.22830D-05
15	-6.72696D-03	2.95175D-03	1.51637D-02	-1.29918D-05	-2.51711D-04	7.17756D-05
16	-1.59124D-03	1.00721D-03	1.03233D-02	-1.75330D-05	-1.99358D-04	6.81486D-05
17	-1.53909D-03	-3.06087D-03	-1.21803D-03	-7.52423D-06	-5.44076D-05	1.78586D-05
18	-1.67765D-03	-3.15267D-03	-1.69434D-03	-7.79366D-06	-1.23922D-05	1.27257D-06
19	-1.70632D-03	-3.03584D-03	-1.72908D-03	-4.50040D-06	3.47314D-07	-8.00882D-06
20	-1.64881D-03	-2.77884D-03	-1.57793D-03	-3.25895D-06	1.42327D-05	-2.20314D-05
21	-1.61655D-03	-1.05085D-03	-6.02200D-04	7.02961D-06	1.57480D-05	-3.89165D-05
22	-7.87256D-04	-7.29666D-05	-1.98336D-04	8.04838D-06	2.87740D-06	-3.55901D-05
23	-9.20579D-11	-1.30720D-11	-2.67429D-11	1.21307D-09	-5.81057D-10	-4.48607D-09
25	-9.06852D-03	-1.13572D-03	-2.89712D-03	-5.73083D-05	1.46923D-04	9.65094D-05
26	-1.44868D-02	-2.39940D-03	-6.11746D-03	-1.43222D-04	1.39014D-04	1.27409D-04
27	-1.59264D-02	-2.39906D-03	-7.72277D-03	-1.45549D-04	1.29030D-04	1.27965D-04
28	-1.81720D-02	-7.42840D-04	-1.21532D-02	-9.98680D-05	8.62062D-06	3.23408D-05
29	-1.81760D-02	-4.18207D-04	-1.22005D-02	-9.89705D-05	-1.75888D-06	2.61206D-05
30	-1.80818D-02	-5.65908D-04	6.18596D-03	-1.90226D-04	-4.79585D-05	3.73037D-06
31	-2.92079D-02	-4.69597D-04	-1.43252D-02	-3.04881D-04	-1.07965D-04	2.51477D-04
32	-1.90954D-02	1.12206D-03	-4.15209D-03	-6.22583D-05	-8.17907D-05	2.40918D-04
33	-2.02679D-02	2.08598D-03	-3.16846D-03	6.50509D-05	1.59613D-04	2.33837D-04
34	-3.78625D-02	-8.64780D-03	1.46095D-02	1.28150D-04	1.29738D-04	2.51519D-04
35	-3.84943D-02	-8.22129D-03	1.51094D-02	1.37077D-04	-4.26434D-05	2.56180D-04
36	4.89766D-03	-9.88883D-03	1.73999D-02	5.38704D-04	8.47769D-05	-2.93876D-04
37	6.41817D-03	-1.37810D-02	1.94179D-02	6.53697D-05	3.65658D-05	-1.08280D-05
38	3.80902D-03	-1.38663D-02	2.13233D-04	-2.87082D-04	-4.64661D-05	-7.04912D-05
39	3.21589D-03	3.10755D-04	-2.38912D-03	-2.41554D-04	-2.47330D-05	-2.06857D-04
40	1.26972D-03	2.62660D-03	-5.81835D-04	-1.94869D-04	-2.77418D-05	-1.93642D-04
41	-7.00011D-05	2.62736D-03	7.56093D-04	-1.86457D-04	-2.49079D-05	-1.85725D-04
42	-1.11660D-03	1.60040D-03	2.06011D-03	-7.56106D-05	-3.93593D-05	-1.22518D-04
43	-5.02114D-04	4.98346D-04	2.06033D-03	-6.03651D-05	-3.59683D-05	-9.50102D-05
44	-2.22172D-04	6.66392D-04	1.80798D-03	-5.42057D-05	-2.44432D-05	-3.39794D-05
45	-2.26563D-04	-1.38593D-02	7.30464D-04	9.77895D-05	1.46610D-05	1.08065D-05
46	-2.32410D-04	-1.37937D-02	7.69340D-04	1.04857D-04	1.46172D-05	-3.05373D-05
47	1.49378D-06	-7.38426D-04	6.60466D-04	2.95804D-05	-8.52766D-07	4.33023D-05
48	3.91913D-06	-8.55863D-04	2.14945D-06	3.47029D-05	-3.16389D-07	3.33481D-05
49	-2.26491D-05	-3.39403D-04	2.15179D-05	1.17268D-05	6.81391D-07	1.67854D-05
50	-4.75941D-05	-1.47807D-04	1.84386D-05	4.04854D-06	9.12118D-07	1.06822D-05
51	-5.14218D-05	-8.62400D-05	1.41033D-05	4.05064D-06	8.21989D-07	1.00218D-05

52	-1.93175D-07	1.30192D-07	3.10120D-07	5.30894D-09	2.01213D-07	2.10788D-07
53	3.60176D-13	1.08676D-12	4.72197D-13	1.54238D-12	1.74377D-11	2.30268D-11
54	-5.23562D-04	-4.34991D-04	-7.58687D-04	1.49121D-04	-1.65992D-05	-1.81767D-04
55	-2.05209D-04	2.47186D-03	-6.55832D-04	1.12914D-04	2.65316D-06	-1.08192D-04
56	-4.43700D-04	3.68433D-03	-4.64461D-04	2.95918D-05	3.41703D-05	-1.33482D-05
57	-8.87277D-04	3.99595D-05	9.29789D-04	4.30205D-05	-8.67849D-06	6.30496D-06
58	-6.79723D-04	4.54137D-05	5.29372D-04	3.28501D-05	-3.79995D-06	3.76260D-05
59	-4.01257D-06	2.62098D-05	2.58482D-05	2.91140D-05	-8.27592D-07	4.81531D-05
60	5.54007D-02	4.58847D-03	5.75005D-02	1.05818D-03	-1.17968D-06	-1.51446D-03
61	8.41168D-02	7.33197D-03	7.44263D-02	8.73745D-04	5.84933D-04	-2.24375D-03
62	-6.21285D-03	-7.72528D-04	3.80700D-02	6.06282D-04	1.61475D-03	-1.73594D-03
63	-2.28685D-02	-1.15492D-02	1.29183D-02	9.54630D-04	1.83028D-03	-7.14387D-04
64	-2.32133D-02	-3.31917D-02	-1.17182D-01	7.77768D-04	1.54065D-03	1.52225D-04
65	-4.58617D-02	-1.88360D-02	-1.20474D-01	9.47169D-04	8.19305D-04	2.10845D-03
66	-1.11579D-01	-1.88270D-02	-9.30537D-02	8.63362D-04	5.34377D-04	2.18559D-03
67	-1.40411D-01	-1.83003D-03	-8.41067D-02	7.04389D-05	-4.93494D-04	1.11720D-03
68	-1.23703D-02	1.97980D-02	-9.60584D-03	-3.67562D-04	-7.92965D-04	2.92340D-04
69	-8.13699D-03	1.73978D-02	-8.27969D-03	-3.93420D-04	-3.34091D-04	2.53788D-04
70	-6.75895D-04	2.56092D-03	-8.14032D-03	-3.18421D-04	-3.83395D-05	1.19805D-04
71	-2.83704D-04	4.84737D-03	-4.96971D-03	-3.13915D-04	-6.58728D-05	5.27150D-05
72	-4.77055D-05	5.00991D-03	-1.22448D-03	-2.00916D-04	-2.21622D-05	-1.09711D-05
73	-3.38023D-03	5.00863D-03	1.20537D-02	-5.59537D-05	7.40151D-05	-3.92461D-05
74	-3.50950D-03	4.03632D-03	1.00969D-02	2.73494D-05	1.51888D-04	-5.37592D-05
76	-6.72416D-04	-5.34634D-04	-6.64213D-03	-2.36305D-04	1.02537D-04	6.24143D-05
77	-6.69231D-04	-1.53052D-03	-2.96638D-03	-1.74252D-04	1.55463D-04	2.80663D-05
78	-8.97672D-05	-1.17369D-03	3.87522D-05	-2.17540D-05	2.86687D-04	-2.94857D-05
79	1.39280D-03	-9.42565D-04	-7.80442D-04	2.52450D-05	9.20061D-05	1.96223D-05
80	6.29761D-05	-1.50654D-04	-3.52745D-07	1.21182D-05	8.79133D-06	-1.87156D-06
82	-1.00314D-04	-5.29337D-04	-2.52431D-04	1.74436D-05	3.06966D-05	-6.02390D-06
83	-1.24049D-04	-4.54682D-04	-4.48551D-04	8.49067D-06	1.37704D-05	1.62665D-05
84	-1.89998D-04	-1.06955D-04	-6.32844D-04	1.88703D-06	9.20952D-06	1.91159D-05
85	-1.30215D-04	-2.38045D-05	-6.31455D-04	-1.19356D-05	3.09071D-06	7.59542D-06
86	5.52295D-06	-2.07251D-05	-4.84485D-06	-6.88548D-06	1.51308D-07	-7.03838D-07
87	4.24553D-06	-1.58365D-05	-1.42960D-06	-4.31498D-06	-6.86277D-07	-2.45693D-07
88	1.96526D-06	-5.66400D-06	-1.72879D-07	-7.97005D-07	-2.06779D-07	-6.07900D-07
90	4.40625D-06	-1.47359D-05	-1.11883D-06	-2.68362D-06	5.85695D-07	-1.54313D-06
91	2.37143D-06	-1.39229D-05	-8.70498D-08	7.47339D-07	2.24519D-07	-1.35896D-06
93	-5.50791D-04	-4.49310D-04	1.47836D-04	-2.32504D-05	3.26885D-05	-1.54362D-05
94	-3.01884D-03	-1.30397D-03	8.09489D-04	-1.69590D-05	7.05531D-05	-4.89990D-05
95	4.19018D-03	2.35501D-04	1.90992D-02	5.58240D-04	1.01739D-04	-3.16926D-04
96	4.44139D-03	-6.10040D-03	1.76489D 02	5.60510D-04	9.16677D-05	-3.08668D-04
97	3.06681D-03	1.09751D-05	1.70200D 02	6.07438D-04	1.10340D-04	-3.32250D-04
98	2.60289D-03	3.71167D-08	1.61606D-02	6.27917D-04	1.12609D-04	-3.37481D-04
99	7.32849D-03	1.30528D-02	1.77290D-02	8.48305D-04	-3.37424D-04	-8.59248D-04
100	1.52002D-02	1.16827D-02	2.55725D-02	8.42427D-04	-3.91455D-04	-9.76711D-04
101	2.32976D-02	7.02722D-03	3.37476D-02	8.32249D-04	-2.48120D-04	-1.11579D-03
102	2.57986D-02	1.90132D-03	3.62874D-02	7.34061D-04	-5.98448D-05	-1.11046D-03
103	3.80503D-02	4.60477D-03	4.49976D-02	9.64758D-04	-8.06619D-05	-1.34782D-03
104	-7.61898D-03	-7.18727D-03	2.61111D-02	1.22897D-04	2.63657D-04	-1.25027D-04
105	-1.30054D-02	-4.57135D-03	2.61035D-02	1.31033D-04	2.43829D-04	-8.60051D-05
106	-1.08649D-02	-4.75748D-03	2.95136D-02	1.47179D-04	2.42471D-04	-8.02799D-05
107	-1.79016D-02	-1.97578D-03	2.60706D-02	1.18412D-04	2.22823D-04	-5.86282D-05
108	-2.46067D-02	5.33981D-04	2.77398D-02	8.14071D-05	1.32321D-05	6.41414D-05
109	-2.94012D-02	5.44660D-04	2.77550D-02	-2.90080D-05	1.04101D-03	6.46553D-03
110	-3.31562D-02	3.91097D-04	2.77614D-02	-4.01099D-05	1.24997D-03	9.20898D-03
111	-3.97921D-02	1.72441D-04	2.77714D-02	-1.32356D-05	1.29728D-03	1.35528D-02
112	-4.73987D-02	1.87084D-04	2.77793D-02	4.38065D-05	1.07469D-03	1.63514D-02
113	-5.80759D-01	-3.19076D-02	3.64030D-02	3.31225D-04	1.37226D-03	2.11975D-02
114	-5.23143D-02	3.01359D-04	2.77798D-02	4.84689D-06	6.75830D-04	1.63598D-02
115	-5.36100D-02	2.67483D-04	2.77802D-02	-1.73300D-05	4.52955D-04	1.63670D-02

116	-5.45828D-02	1.54097D-04	2.77806D-02	-3.57875D-05	2.73352D-04	1.63763D-02
117	-5.51573D-02	1.35453D-08	2.77807D-02	-4.14486D-05	2.14868D-04	1.63763D-02
118	-1.13089D-02	1.54094D-04	2.79338D-02	-7.67809D-05	2.12128D-04	1.65753D-02
119	-5.68025D-02	-3.16070D-04	2.77809D-02	-4.14543D-05	2.15892D-04	1.63763D-02
120	7.85845D-02	1.54087D-04	2.85096D-02	-1.28069D-04	8.67639D-05	1.68278D-02
121	1.44677D-01	-1.79734D-04	2.90230D-02	-1.30943D-04	7.74790D-05	1.68421D-02
122	-2.46147D-02	2.71952D-07	2.76766D-02	8.51759D-05	2.07303D-06	3.55338D-05
123	-2.46288D-02	-8.19097D-05	2.76527D-02	9.23365D-05	-1.28200D-05	-1.12851D-05
124	-2.46573D-02	1.87346D-03	2.54921D-02	1.10426D-04	-9.05955D-05	-3.56734D-05
125	-2.46620D-02	2.23583D-03	2.44920D-02	1.14195D-04	-1.13044D-04	-2.38431D-05
126	-2.46690D-02	2.58922D-03	2.18264D-02	1.18868D-04	-1.43766D-04	1.93888D-06
127	-2.47782D-02	2.89039D-03	2.53974D-02	1.32896D-04	-1.42625D-04	1.54948D-05
128	-2.46548D-02	2.46011D-03	1.84061D-02	9.50102D-05	-1.71367D-04	2.05664D-05
129	-2.46494D-02	2.32948D-03	1.73167D-02	8.34662D-05	-1.80482D-04	3.36418D-05
130	-2.66699D-02	1.22922D-03	1.51909D-02	6.82730D-05	-1.84732D-04	1.02066D-04
131	-2.24122D-02	2.43378D-03	1.51951D-02	4.51015D-05	-2.08986D-04	6.36569D-05
132	-1.58302D-03	6.08761D-08	7.45043D-03	-1.59239D-05	-1.75672D-04	6.14343D-05
133	-1.63980D-03	-2.39004D-03	-1.32186D-03	-3.59689D-07	1.71983D-05	-2.79319D-05
134	-2.97049D-02	-2.64615D-07	1.51775D-02	9.33162D-05	-1.81755D-04	1.63548D-04
135	-3.25754D-02	-1.65016D-03	1.51649D-02	1.21500D-04	-1.69235D-04	2.17797D-04
136	-3.59915D-02	-4.44179D-03	1.51509D-02	1.40099D-04	-1.30291D-04	2.62643D-04
137	-4.39004D-02	-5.14168D-03	1.89842D-02	1.50653D-04	-1.31101D-04	2.86828D-04
138	-3.81410D-02	-7.38287D-03	1.51207D-02	1.38477D-04	-7.20169D-05	2.58300D-04
139	-3.16676D-02	-4.85073D-03	8.33391D-03	1.07252D-04	2.50539D-04	2.40678D-04
140	-2.29254D-02	-3.27021D-07	-4.90919D-04	7.88669D-05	2.17543D-04	2.33049D-04
141	-2.12451D-02	1.21477D-03	-2.19038D-03	6.59129D-05	1.85755D-04	2.37094D-04
142	-2.43808D-02	2.04076D-03	-5.31706D-03	-3.32036D-03	8.48092D-04	3.39365D-03
143	-2.64676D-02	2.09452D-03	-7.40004D-03	-4.75570D-03	9.62259D-04	4.76182D-03
144	-2.99613D-02	1.94468D-03	-1.08877D-[illegible]	-7.00963D-03	9.35250D-04	6.94776D-03
145	-3.37558D-02	1.61495D-03	-1.46775D-02	-8.44462D-03	7.32357D-04	8.37329D-03
146	-3.08199D-01	-1.07969D-02	-2.86838D-01	-1.08278D-02	8.37217D-04	1.09301D-02
147	-3.60910D-02	1.17355D-03	-1.70129D-02	-8.47619D-03	4.48316D-04	8.35045D-03
148	-3.66824D-02	8.94136D-04	-1.76040D-02	-8.49529D-03	2.89618D-04	8.33884D-03
149	-3.70937D-02	4.66926D-04	-1.80150D-02	-8.51271D-03	1.61752D-04	8.33104D-03
150	-3.73045D-02	1.35958D-08	-1.82258D-02	-8.51674D-03	1.20131D-04	8.32702D-03
151	-1.50986D-02	4.66927D-04	4.50148D-03	-8.63129D-03	1.16855D-04	8.41884D-03
152	-3.79558D-02	-1.02309D-03	-1.88769D-02	-8.51675D-03	1.20855D-04	8.32700D-03
153	3.05069D-02	4.66929D-04	5.13713D-02	-8.78146D-03	2.49206D-05	8.53051D-03
154	6.40762D-02	9.17323D-06	8.59355D-02	-8.78994D-03	1.81112D-05	8.53683D-03
155	-1.97093D-02	4.43547D-07	-4.76735D-03	-1.00730D-04	-1.11854D-04	2.42006D-04
156	-2.42042D-02	-1.55242D-03	-9.27069D-03	-2.57614D-04	-1.71305D-04	2.56543D-04
157	-2.67161D-02	-1.35975D-03	-1.18384D-02	-2.96126D-04	-1.56232D-04	2.72158D-04
158	-3.47762D-02	-4.10009D-04	-1.98127D-02	-3.06952D-04	-1.56719D-04	2.91170D-04
159	-2.88573D-02	-6.69781D-04	-1.39545D-02	-3.03076D-04	-1.30139D-04	2.59002D-04
160	-2.97178D-02	-1.34851D-07	-1.48761D-02	-3.03604D-04	-6.41856D-05	2.40972D-04
161	-2.68714D-02	9.36242D-04	-1.12526D-02	-2.70895D-04	1.51824D-04	1.84622D-04
162	-1.98970D-02	7.52324D-09	1.41794D-03	-2.41523D-04	1.46565D-04	1.09484D-04
163	-1.90522D-02	-1.59581D-04	3.48543D-03	-2.36587D-04	1.18068D-04	9.36484D-05
164	-1.86247D-02	-2.47908D-04	4.61734D-03	-2.33013D-04	9.66285D-05	8.32055D-05
165	-1.79454D-02	-4.75515D-04	7.56130D-03	-2.11787D-04	8.06428D-06	3.47263D-05
166	3.33758D-03	-1.38653D-02	2.22379D-03	-2.86565D-04	-4.55657D-05	-6.53129D-05
167	4.51597D-03	-1.38199D-02	-2.67824D-03	-2.87330D-04	-4.64722D-05	-7.08781D-05
168	3.72949D-03	-1.28135D-02	-1.55057D-04	-2.86601D-04	-4.69739D-05	-7.59913D-05
169	3.59213D-03	-1.07647D-02	-7.63520D-04	-2.80730D-04	-4.49586D-05	-1.21635D-04
170	3.29024D-03	-2.70334D-03	-2.07583D-03	-2.53869D-04	-2.91780D-05	-1.98124D-04
171	2.63875D-03	-2.70346D-03	-1.23125D-03	-2.55937D-04	-2.91780D-05	-1.95612D-04
172	2.11509D-03	-2.70356D-03	-5.41423D-04	-2.57140D-04	-2.91780D-05	-1.94259D-04
173	1.12014D-03	-2.70360D-03	7.77020D-04	-2.57304D-04	-2.91780D-05	-1.94104D-04
174	-1.90128D-04	-2.70361D-03	2.51462D-03	-2.57472D-04	-2.91780D-05	-1.94117D-04
175	3.25170D-03	-1.20185D-03	-2.23905D-03	-2.47870D-04	-2.68947D-05	-2.03237D-04

176	6.83342D-04	2.62693D-03	-2.10025D-09	-1.91358D-04	-2.65272D-05	-1.90591D-04
177	-2.23537D-04	-5.02590D-09	6.78778D-04	-1.30687D-05	-1.76179D-05	6.85463D-05
178	-2.25188D-04	-8.47534D-03	6.40718D-10	4.30773D-05	1.51475D-06	1.23990D-04
179	-4.91515D-04	-1.96279D-09	1.61283D-03	1.13251D-04	-4.13444D-06	-1.10434D-04
180	-2.00176D-05	8.00620D-03	6.58443D-05	4.66756D-05	-8.03287D-06	4.50487D-05
181	-7.93089D-07	7.62129D-03	2.59631D-06	4.04248D-05	-5.39759D-06	6.05426D-05
182	-6.69600D-06	6.56772D-04	3.37442D-05	2.79699D-05	-3.68662D-07	5.32323D-05
183	-5.74039D-06	3.62118D-04	3.10172D-05	2.84337D-05	-5.55995D-07	5.11115D-05
184	-3.42686D-04	2.44537D-05	2.54556D-04	3.11731D-05	-2.29234D-06	4.28482D-05
185	-1.90351D-06	-2.83191D-04	1.84708D-05	2.93293D-05	-8.75563D-07	4.61579D-05
186	4.61949D-06	-3.50490D-04	-4.88436D-07	2.69587D-05	1.81677D-07	2.25938D-05
187	2.90102D-06	-2.98737D-04	7.63608D-07	2.48796D-05	2.22960D-07	2.20956D-05
188	9.77303D-07	-2.63683D-04	2.22713D-06	2.26847D-05	2.66514D-07	2.18446D-05
189	-4.95492D-05	-1.16968D-04	1.62486D-05	4.04246D-06	8.73364D-07	1.03460D-05
190	-1.81504D-02	-2.93427D-09	-1.29215D-09	-1.61368D-04	-8.98099D-05	-1.07133D-05
191	-1.81808D-02	-7.23615D-09	-1.20268D-02	-1.04983D-04	-1.96936D-05	2.04691D-05
192	-1.81792D-02	-1.43690D-04	-1.21287D-02	-1.02750D-04	-1.28359D-05	2.27166D-05
193	-1.82259D-02	-4.19586D-04	-1.29072D-02	-5.29087D-05	-2.93610D-06	-1.54944D-05
194	-6.62044D-03	-7.93859D-04	-2.03261D-03	-4.62586D-05	1.42631D-04	7.83414D-05
195	-1.60744D-03	-1.51556D-04	-4.95160D-04	-2.01927D-05	8.75916D-05	3.42573D-05
196	-1.80522D-03	-4.34753D-04	-1.81081D-03	1.50616D-04	-1.64506D-05	-1.83570D-04
197	1.30189D-03	-4.01496D-04	7.35353D-04	1.49190D-04	-1.66045D-05	-1.81893D-04
198	-3.90116D-04	2.96901D-04	-7.17490D-04	1.46798D-04	-1.63972D-05	-1.78212D-04
199	-5.36481D-04	3.79488D-03	-1.64038D-04	2.55499D-05	3.33170D-05	2.77301D-06
200	-7.00818D-04	3.61505D-03	3.67764D-04	1.93676D-05	2.82499D-05	2.87920D-05
201	-5.90839D-04	3.61512D-03	3.08761D-04	1.67434D-05	2.76650D-05	3.62593D-05
202	-5.12395D-04	3.61515D-03	2.75496D-04	1.58382D-05	2.73007D-05	3.88410D-05
203	-3.83605D-04	3.48140D-03	3.15519D-04	1.57169D-05	2.61344D-05	3.90287D-05
204	-4.40351D-04	3.23273D-03	5.03006D-04	1.60637D-05	2.42707D-05	3.86113D-05
205	-4.86300D-04	3.01841D-03	6.54970D-04	1.69817D-05	2.30739D-05	3.62339D-05
206	-8.39765D-04	3.01810D-03	8.16015D-04	1.59420D-05	2.22489D-05	4.59884D-05
207	-1.01670D-03	1.30619D-03	1.38307D-03	1.94598D-05	8.41965D-06	4.71330D-05
208	-9.00678D-04	3.31866D-09	9.74928D-04	4.24171D-05	-8.99422D-06	6.56130D-06
209	7.22115D-02	6.16521D-03	6.96857D-0	8.83482D-04	8.96222D-04	-2.37627D-03
210	6.46196D-02	5.50286D-03	6.66287D-02	8.86980D-04	9.38984D-04	-2.38858D-03
211	1.16927D-01	3.43785D-03	8.54936D-02	9.09040D-04	9.38643D-04	-2.41874D-03
212	5.65465D-02	4.79925D-03	6.33708D-02	8.70435D-04	9.82863D-04	-2.36650D-03
213	5.62819D-03	4.55259D-08	4.28472D-02	6.32472D-04	1.57054D-03	-1.84343D-03
214	-1.39118D-01	-3.19597D-08	-8.33501D-02	5.44199D-05	-5.23375D-04	1.09764D-03
215	-1.37704D-03	5.77825D-03	-8.17371D-03	-3.47066D-04	-1.08903D-04	1.51641D-04
216	-6.74826D-04	1.37599D-03	-8.17524D-03	-2.92760D-04	1.44223D-05	1.06419D-04
217	-6.76681D-04	3.74385D-03	-7.62716D-03	-3.18817D-04	-4.85781D-05	1.15589D-04
218	-1.24061D-04	5.01030D-03	-6.48115D-08	-1.91684D-04	-1.68792D-05	-1.36732D-05
219	-2.32199D-03	5.01119D-03	1.02823D-02	-7.50696D-05	5.35616D-05	-3.63796D-05
220	-2.39495D-03	5.01117D-03	1.04312D-02	-7.44984D-05	5.40035D-05	-3.64431D-05
221	-2.41549D-03	4.79842D-03	1.01582D-02	-7.44991D-05	5.39822D-05	-3.64332D-05
222	-2.46797D-03	5.01112D-03	1.05786D-02	-7.39429D-05	5.44656D-05	-3.65119D-05
223	-3.07043D-03	5.00946D-03	1.16041D-02	-5.91166D-05	6.92027D-05	-3.85632D-05
224	-3.14764D-03	5.00940D-03	1.17208D-0	-5.87434D-05	6.96649D-05	-3.86233D-05
225	-3.17197D-03	4.78804D-03	1.13588D-02	-5.87442D-05	6.96411D-05	-3.86135D-05
226	-3.22489D-03	5.00931D-03	1.18365D-02	-5.83946D-05	7.01498D-05	-3.86910D-05
227	-1.82061D-03	2.06193D-03	5.24437D-03	2.23905D-05	1.39257D-04	-4.80162D-05
228	-6.73308D-04	7.34917D-08	-7.42516D-03	-2.56993D-04	7.47488D-05	7.94216D-05
229	-3.09279D-04	-5.34399D-04	-5.23924D-03	-2.05861D-04	9.88018D-05	5.20857D-05
230	-1.14102D-04	-5.34250D-04	-4.45466D-03	-1.88133D-04	9.64581D-05	4.59960D-05
231	-5.09434D-09	-1.17114D-03	-6.73860D-08	-2.11978D-05	2.84450D-04	-2.90159D-05
232	1.55581D-03	-9.47708D-04	-9.87022D-04	2.36565D-05	9.61507D-05	1.85634D-05
233	1.51846D-03	-9.47227D-04	-9.39525D-04	2.38055D-05	9.57765D-05	1.86677D-05
234	2.04355D-03	-1.08126D-03	-9.21782D-04	2.38079D-05	9.57807D-05	1.86680D-05
235	1.48083D-03	-9.46739D-04	-8.91704D-04	2.39517D-05	9.53982D-05	1.87688D-05

236	2.80938D-10	-5.29633D-04	1.21980D-09	1.90143D-05	3.33969D-05	-8.25752D-06
237	-8.06986D-06	-5.29585D-04	-1.86006D-05	1.85695D-05	3.28110D-05	-7.77860D-06
238	-5.29311D-05	-5.29503D-04	-1.28138D-04	1.80678D-05	3.20550D-05	-7.14096D-06
239	-5.29337D-05	-4.84738D-04	7.38427D-05	1.80678D-05	3.20588D-05	-7.11626D-06
240	-9.39986D-05	-5.29400D-04	-2.35046D-04	1.76863D-05	3.12897D-05	-6.51901D-06
241	7.68768D-06	-2.09901D-05	-3.84607D-05	-8.93766D-06	4.03913D-07	-2.65040D-07
242	5.51365D-06	-2.34351D-05	-4.19433D-06	-5.79787D-06	-1.51256D-07	-4.98548D-07
243	5.50358D-06	-1.54188D-05	-3.56433D-06	-5.10672D-06	3.09474D-07	-1.01040D-06
244	1.76122D-06	-5.00472D-06	-1.45774D-07	-6.21477D-07	-1.77635D-07	-4.99141D-07
245	7.98366D-07	-1.99681D-06	-1.00148D-07	-4.13953D-07	-1.35548D-07	-3.58821D-07
246	3.06035D-06	-1.99691D-06	-2.70930D-06	-4.14091D-07	-1.35548D-07	-3.58977D-07
247	1.10679D-07	-1.37135D-07	-5.44381D-08	-2.38545D-07	-8.56268D-08	-2.18115D-07
248	2.13423D-06	-1.27289D-05	-7.32735D-08	8.68306D-07	2.00714D-07	-1.11579D-06
249	1.00163D-06	-6.72956D-06	-5.01386D-08	8.77932D-07	1.60677D-07	-8.02043D-07
250	6.05729D-06	-6.72989D-06	5.48335D-06	8.78211D-07	1.60677D-07	-8.02352D-07
251	1.56346D-07	-1.42623D-06	-2.72541D-08	6.35658D-07	1.04375D-07	-4.87534D-07
252	-2.49306D-04	1.11994D-03	-6.72577D-04	1.32677D-04	-1.00889D-05	-1.53250D-04

M O D A L A N A L Y S I S

MODE NUMBER 7
FREQUENCY= 411.0998 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-8.91151D-04	1.18725D-03	2.60491D-04	2.31323D-05	1.31740D-05	-1.96361D-05
3	-4.15262D-04	2.06666D-03	1.42148D-03	1.06819D-04	2.61619D-06	-6.11169D-05
4	7.17595D-04	2.06538D-03	3.39409D-03	1.09734D-04	1.81653D-06	-6.46736D-05
5	1.85367D-03	1.95790D-03	5.07560D-03	1.11354D-04	-1.87699D-06	-8.82536D-05
6	2.42704D-03	9.23562D-04	5.72732D-03	1.01529D-04	4.73646D-06	-1.06982D-04
7	2.16546D-03	-1.56458D-03	5.25034D-03	1.04729D-04	1.75662D-05	-1.11370D-04
8	3.18316D-04	-3.86095D-03	2.79430D-03	1.24646D-04	2.04521D-05	-1.00508D-04
9	1.04324D-04	-5.86150D-04	2.60915D-03	1.38346D-04	4.83616D-06	-9.19661D-05
10	-3.04269D-05	-6.71851D-09	2.48170D-03	1.22828D-04	1.32981D-05	-8.17809D-05
11	-8.48147D-04	2.90012D-03	1.74419D-03	-2.18233D-05	-3.56232D-05	-4.55964D-05
12	3.00400D-03	-5.51495D-08	1.74206D-03	-5.71920D-05	-8.01497D-05	-3.90387D-05
13	5.24355D-03	-6.64002D-04	-8.77803D-04	-6.92092D-05	-1.47243D-04	-4.06953D-05
14	5.12011D-03	-6.92514D-04	-1.93595D-02	-3.01058D-05	-5.81614D-05	-1.37714D-06
15	2.77624D-03	-1.12468D-03	-1.92772D-02	8.22806D-06	1.02456D-04	-1.87842D-05
16	-1.59921D-04	-3.73405D-04	-1.59213D-02	1.19649D-05	1.64030D-04	-2.44339D-05
17	-1.90117D-04	1.26046D-03	-4.39684D-03	7.48440D-06	8.15435D-05	-8.68368D-06
18	1.96693D-04	1.29560D-03	-3.37911D-03	7.52838D-06	5.65963D-05	-2.18645D-06
19	7.89684D-04	1.21738D-03	-2.78163D-03	6.29149D-06	4.84931D-05	1.62752D-06
20	1.05210D-03	1.10677D-03	-2.16342D-03	6.15652D-06	3.75455D-05	7.82208D-06
21	1.03411D-03	4.22503D-04	-4.5729[illegible]D-04	3.02101D-06	2.63470D-05	1.68137D-05
22	4.82344D-04	7.25703D-06	1.89104D-05	-5.22439D-07	1.44328D-05	1.66110D-05
23	5.15661D-11	3.00568D-12	3.87521D-12	-1.26830D-10	1.40753D-09	2.33624D-09
25	3.11818D-02	3.98279D-03	9.94726D-03	1.81987D-04	-5.06525D-04	-3.12528D-04
26	4.96403D-02	7.32850D-03	1.92848D-02	3.70577D-04	-4.78039D-04	-4.26871D-04
27	5.44643D-02	7.32890D-03	2.34331D-02	3.74652D-04	-4.44807D-04	-4.28118D-04
28	6.18266D-02	2.04567D-03	3.55510D-02	1.85908D-04	-3.49613D-05	-9.29505D-05
29	6.18403D-02	1.13398D-03	3.57795D-02	1.79922D-04	-1.67576D-06	-7.25761D-05
30	6.15113D-02	7.10158D-04	-1.72504D-02	3.15175D-04	1.35183D-04	-1.10571D-05
31	8.18625D-02	2.58633D-04	2.39852D-02	4.52706D-04	5.75375D-04	-4.32465D-04
32	2.79242D-02	-3.39893D-04	-3.01083D-02	1.58147D-04	8.52120D-04	-2.10072D-04
33	6.88091D-03	3.65405D-04	-3.16264D-02	-5.95829D-05	5.03788D-04	-6.97598D-05
34	-6.03019D-03	2.03024D-03	-1.88300D-02	-2.04027D-05	-5.62211D-05	-6.01050D-05
35	-4.70809D-03	2.03513D-03	-1.93397D-02	-2.95400D-05	-1.05406D-04	-4.76287D-05
36	2.45889D-03	-1.12684D-03	5.71087D-03	9.25016D-05	1.12323D-06	-9.01673D-05
37	2.77643D-03	-1.85849D-03	6.01406D-03	-5.62534D-06	-1.44812D-05	-6.46078D-06
38	8.04376D-04	-1.86898D-03	2.03101D-04	-7.45455D-05	-1.76836D-05	5.85734D-06
39	5.99926D-04	2.31252D-05	-7.16390D-04	-6.76286D-05	-8.59194D-06	-2.74176D-05
40	2.57336D-04	4.43476D-04	-1.84686D-04	-6.16569D-05	-7.68510D-06	-3.73008D-05
41	-3.83998D-06	4.43598D-04	2.42301D-04	-6.00819D-05	-6.96491D-06	-3.65170D-05
42	-2.34996D-04	2.72996D-05	7.11819D-04	-3.87595D-05	-6.93790D-06	-2.98290D-05
43	-1.27428D-04	-5.81936D-04	7.11866D-04	-3.56847D-05	-6.40844D-06	-2.63492D-05
44	-7.08327D-05	-6.61398D-04	6.53766D-04	-3.17595D-05	-6.83664D-06	-1.96598D-05
45	-7.30531D-05	-1.36498D-03	2.37701D-04	8.15246D-07	5.35162D-06	5.39162D-06
46	-7.52591D-05	-1.37265D-03	2.52204D-04	1.84227D-06	5.57193D-06	6.74830D-07
47	-2.93773D-05	-7.38126D-04	-1.17476D-05	1.55811D-05	1.02061D-06	2.79594D-05
48	-3.16193D-05	-8.15380D-04	-7.55529D-06	2.09089D-05	1.62163D-07	1.87803D-05
49	-2.96066D-05	-1.55839D-04	-8.96238D-06	6.90026D-06	1.37238D-07	8.48644D-06
50	-3.00966D-05	-6.05500D-05	-7.88157D-06	1.21573D-06	-2.89528D-07	5.25464D-06
51	-2.89528D-05	-3.36971D-05	-6.58226D-06	1.18961D-06	-3.23974D-07	4.91280D-06

52	-1.39637D-07	9.55148D-08	-2.18863D-08	-3.27746D-08	5.28283D-08	9.78711D-08
53	8.84907D-14	7.97298D-13	6.88511D-14	-3.55465D-12	4.57824D-12	1.08491D-11
54	3.86620D-03	1.18457D-03	1.04272D-03	-3.89753D-04	1.43717D-04	6.02639D-04
55	-3.97007D-04	-4.89705D-03	-2.70960D-04	-2.74969D-04	9.33696D-05	3.85038D-04
56	-8.61214D-04	-8.09836D-03	-2.14160D-04	-1.23278D-05	-2.26514D-06	1.00290D-04
57	-9.39598D-04	-2.32839D-05	2.38906D-04	1.85535D-05	4.31596D-06	1.18448D-05
58	-6.39945D-04	-2.00737D-04	1.54742D-04	1.15489D-05	2.36980D-06	3.94672D-05
59	-2.20755D-05	-2.10471D-04	-3.61180D-05	1.40724D-05	1.29213D-06	3.19196D-05
60	2.47083D-03	-5.91562D-04	6.02123D-03	1.57943D-04	7.42674D-06	-1.17700D-04
61	4.81699D-03	1.69110D-04	8.25628D-03	9.05947D-05	3.14917D-05	-1.95685D-04
62	-8.84229D-04	-5.99789D-05	5.97082D-03	5.02672D-05	1.11011D-04	-1.43588D-04
63	-2.11126D-03	-9.30960D-04	4.04553D-03	7.62779D-05	1.50350D-04	-5.33222D-05
64	-2.13475D-03	-2.25072D-03	-6.99638D-03	4.82696D-05	1.34036D-04	1.58616D-05
65	-3.75972D-03	-1.18294D-03	-7.75515D-03	5.07263D-05	8.10311D-05	1.48014D-04
66	-8.36191D-03	-1.18109D-03	-6.33869D-03	4.36938D-05	5.64869D-05	1.53096D-04
67	-1.05328D-02	-1.15774D-04	-5.99961D-03	4.50917D-07	-2.96286D-05	7.71938D-05
68	-1.18688D-03	1.18515D-03	-5.76054D-04	-2.36728D-05	-6.21184D-05	1.99479D-05
69	-8.38946D-04	1.03941D-03	-4.69965D-04	-2.35611D-05	-2.99532D-05	1.77124D-05
70	-9.25183D-05	1.81265D-04	-4.62398D-04	-1.73985D-05	-5.82588D-06	8.50051D-06
71	-6.21822D-05	3.48171D-04	-2.35987D-04	-1.56685D-05	-4.63428D-06	4.41955D-06
72	-3.28866D-05	3.64346D-04	-5.40270D-05	-8.97093D-06	-1.94520D-06	4.46739D-07
73	-1.29335D-04	3.64196D-04	5.21273D-04	-2.25413D-06	2.70124D-06	-1.73610D-06
74	-1.50933D-04	2.97685D-04	4.34544D-04	1.94924D-06	6.45578D-06	-3.91763D-06
76	-9.09926D-05	-3.88747D-05	-4.43562D-04	-1.23003D-05	4.81492D-06	4.49963D-06
77	-8.97232D-05	-1.11416D-04	-2.41270D-04	-8.38300D-06	8.89774D-06	1.89393D-06
78	-1.20696D-05	-6.18288D-05	-3.13065D-06	4.21059D-07	1.82156D-05	-3.80550D-06
79	1.00484D-04	-4.83792D-05	-3.58662D-05	7.69603D-07	6.24625D-06	1.94057D-06
80	4.41459D-06	-8.44863D-06	6.8900[illegible]D-09	6.59910D-07	5.89641D-07	-2.66029D-08
82	-2.83058D-06	-3.84840D-05	-2.50105D-06	1.79652D-07	1.72195D-06	-1.31324D-07
83	-2.86613D-06	-3.32349D-05	-1.11134D-05	1.92268D-07	1.04613D-06	1.32760D-06
84	-8.31604D-06	-7.89627D-06	-2.63502D-05	6.14581D-08	8.00201D-07	1.42549D-06
85	-4.51572D-06	-1.77661D-06	-2.80337D-05	-5.59749D-07	4.67784D-07	4.59643D-07
86	4.31837D-07	-1.54681D-06	-2.60636D-07	-3.04076D-07	2.28898D-08	-6.99247D-08
87	3.49702D-07	-1.35440D-06	-1.00645D-07	-2.27035D-07	-4.59229D-08	1.72541D-09
88	1.81641D-07	-6.80426D-07	-1.17075D-08	-6.96657D-08	-1.76328D-08	-1.81074D-08
90	3.73912D-07	-9.27468D-07	-5.36348D-08	-1.05249D-07	3.07096D-08	-9.51234D-08
91	2.42958D-07	-7.81481D-07	1.22601D-09	4.56007D-08	2.03176D-08	-7.41652D-08
93	-1.32261D-04	9.64315D-05	4.24715D-05	5.39229D-06	7.33050D-06	-5.80172D-06
94	-6.34644D-04	7.16429D-04	1.87429D-04	1.69625D-05	1.27370D-05	-1.53122D-05
95	2.44531D-03	1.42600D-03	5.75919D-03	1.01880D-04	3.28619D-06	-1.05805D-04
96	2.45211D-03	-3.56811D-04	5.71430D-03	9.66512D-05	2.16627D-06	-9.70598D-05
97	2.39826D-03	4.10261D-04	5.67555D-03	1.01885D-04	6.95790D-06	-1.08508D-04
98	2.36656D-03	-8.65083D-10	5.61807D-03	1.02271D-04	8.97340D-06	-1.09509D-04
99	-1.04663D-04	-2.85069D-03	2.36952D-03	1.33222D-04	3.07358D-06	-9.39194D-05
100	-2.06176D-05	-2.01522D-03	2.45170D-03	1.36798D-04	-5.64420D-06	-9.15833D-05
101	1.09393D-04	-9.55878D-04	2.60518D-03	1.38457D-04	-6.07272D-07	-9.13569D-05
102	3.46795D-05	-2.19592D-04	2.54399D-03	1.29170D-04	1.03317D-05	-8.54341D-05
103	1.12281D-03	-5.88650D-04	4.12524D-03	1.51148D-04	6.02842D-06	-1.05298D-04
104	-5.18121D-04	2.67095D-03	1.74403D-03	-3.36812D-05	-4.67072D-05	-4.48695D-05
105	5.27819D-04	1.89291D-03	1.74390D-03	-4.06350D-05	-5.39986D-05	-4.44555D-05
106	1.74180D-03	1.79291D-03	7.90735D-04	-4.01962D-05	-5.40355D-05	-4.53383D-05
107	1.73743D-03	9.55030D-04	1.74300D-03	-4.79289D-05	-6.32278D-05	-4.22460D-05
108	5.24443D-03	-3.44300D-04	-2.08471D-03	-6.93822D-05	-1.53783D-04	-4.40093D-05
109	9.44517D-03	-5.37725D-04	-2.08603D-03	-2.46599D-06	-8.45033D-04	-4.02262D-03
110	1.24064D-02	-5.03594D-04	-2.08667D-03	1.40393D-05	-9.93514D-04	-5.72774D-03
111	1.76283D-02	-3.79414D-04	-2.08768D-03	2.52260D-05	-1.04747D-03	-8.42751D-03
112	2.38458D-02	-2.20598D-04	-2.08847D-03	1.90719D-05	-9.20502D-04	-1.01669D-02
113	3.55831D-01	1.99736D-02	-3.68726D-03	-2.29556D-06	-1.09582D-03	-1.31786D-02
114	2.84570D-02	-1.19010D-04	-2.08852D-03	1.57540D-05	-6.83194D-04	-1.01723D-02
115	2.99658D-02	-8.16401D-05	-2.08854D-03	1.39331D-05	-5.50621D-04	-1.01770D-02

116	3.14934D-02	-3.91839D-05	-2.08857D-03	1.25082D-05	-4.43818D-04	-1.01830D-02
117	3.27846D-02	1.23482D-09	-2.08859D-03	1.19945D-05	-4.09111D-04	-1.01830D-02
118	4.57880D-03	-3.91838D-05	-2.12618D-03	1.58042D-05	-4.04416D-04	-1.03111D-02
119	3.59084D-02	9.14702D-05	-2.08860D-03	1.19961D-05	-4.09767D-04	-1.01830D-02
120	-5.13594D-02	-3.91834D-05	-2.22424D-03	1.99297D-05	-3.23734D-04	-1.04737D-02
121	-9.18063D-02	1.23358D-05	-2.30344D-03	2.01609D-05	-3.17759D-04	-1.04829D-02
122	5.23653D-03	2.68964D-08	-3.63429D-03	-7.03258D-05	-1.55725D-04	-3.05794D-05
123	5.22124D-03	3.47970D-04	-6.64480D-03	-7.21187D-05	-1.55172D-04	-1.05051D-05
124	5.18112D-03	4.37425D-05	-1.35383D-02	-7.66481D-05	-1.19964D-04	1.32570D-05
125	5.17250D-03	-1.08025D-04	-1.46915D-02	-7.75917D-05	-1.06870D-04	1.33376D-05
126	5.15838D-03	-3.91141D-04	-1.67665D-02	-7.87618D-05	-8.75066D-05	1.02090D-05
127	5.16265D-03	-5.92273D-04	-1.91709D-02	-8.94268D-05	-8.77475D-05	7.34443D-06
128	5.13978D-03	-6.08488D-04	-1.83481D-02	-5.82400D-05	-7.02576D-05	7.39325D-06
129	5.13287D-03	-6.54773D-04	-1.87301D-02	-4.83102D-05	-6.47694D-05	4.79815D-06
130	4.30141D-03	-4.09103D-04	-1.93612D-02	-2.68127D-05	-8.03760D-05	-8.07663D-06
131	5.58669D-03	-9.64706D-04	-1.93488D-02	-2.13553D-05	-2.96495D-05	-3.89658D-06
132	-1.64792D-04	-2.77105D-08	-1.34089D-02	1.12446D-05	1.54655D-04	-2.30079D-05
133	1.04708D-03	9.64646D-04	-1.61996D-03	5.27295D-06	3.39322D-05	1.05941D-05
134	2.63605D-03	3.25977D-08	-1.93631D-02	-2.73613D-05	-1.03822D-04	-1.84304D-05
135	9.36638D-04	4.23953D-04	-1.93640D-02	-3.23125D-05	-1.15147D-04	-2.75661D-05
136	-1.57336D-03	1.14814D-03	-1.93643D-02	-3.92865D-05	-1.17545D-04	-3.51184D-05
137	-8.33877D-04	1.28525D-03	-2.09286D-02	-5.09415D-05	-1.18263D-04	-3.46981D-05
138	-4.03476D-03	1.86001D-03	-1.93465D-02	-3.18364D-05	-1.10979D-04	-4.35255D-05
139	-6.20101D-03	6.66803D-04	-1.86287D-02	-2.99175D-05	7.56896D-05	-6.91029D-05
140	6.53079D-04	2.33151D-07	-2.54386D-02	-6.72589D-05	3.66308D-04	-5.27678D-05
141	4.13968D-03	2.63824D-04	-2.89131D-02	-7.70380D-05	4.54772D-04	-4.81861D-05
142	-1.80844D-03	-1.39895D-04	-3.48781D-02	-5.35906D-03	1.57160D-03	5.29769D-03
143	-5.62131D-03	-2.42534D-04	-3.86981D-02	-7.63094D-03	1.77117D-03	7.57971D-03
144	-1.20216D-02	-3.92248D-04	-4.51096D-02	-1.12395D-02	1.74533D-03	1.11831D-02
145	-1.91582D-02	-6.52384D-04	-5.22550D-02	-1.35738D-02	1.42344D-03	1.34953D-02
146	-4.56576D-01	-2.08773D-02	-4.96230D-01	-1.77562D-02	1.57957D-03	1.73369D-02
147	-2.39685D-02	-7.12739D-04	-5.70670D-02	-1.35331D-02	9.71554D-04	1.35504D-02
148	-2.53883D-02	-5.99635D-04	-5.84873D-02	-1.35122D-02	7.19103D-04	1.35835D-02
149	-2.66587D-02	-3.34705D-04	-5.97581D-02	-1.34980D-02	5.15725D-04	1.36136D-02
150	-2.76106D-02	-2.39682D-08	-6.07103D-02	-1.34909D-02	4.49587D-04	1.36207D-02
151	9.35759D-03	-3.34704D-04	-2.41117D-02	-1.36422D-02	4.41970D-04	1.38085D-02
152	-3.00404D-02	6.99638D-04	-6.31402D-02	-1.34909D-02	4.50791D-04	1.36207D-02
153	8.43620D-02	-3.34702D-04	4.97895D-02	-1.38255D-02	2.90949D-04	1.40554D-02
154	1.39231D-01	8.68577D-05	1.03742D-01	-1.38359D-02	2.79763D-04	1.40693D-02
155	3.35052D-02	-3.00533D-07	-2.45307D-02	2.05549D-04	8.73448D-04	-2.42885D-04
156	5.78964D-02	2.20000D-04	-1.44532D-04	3.94551D-04	8.21005D-04	-4.01478D-04
157	6.95232D-02	4.51362D-04	1.17230D-02	4.42927D-04	7.46326D-04	-4.62571D-04
158	8.43953D-02	-1.08230D-03	2.27337D-02	4.55577D-04	7.48361D-04	-5.09435D-04
159	8.00224D-02	3.33750D-04	2.20694D-02	4.50236D-04	6.53519D-04	-4.44665D-04
160	8.49122D-02	1.19646D-07	2.71990D-02	4.53174D-04	4.21714D-04	-4.11905D-04
161	8.35599D-02	-3.90264D-04	2.51956D-02	4.28590D-04	-3.41344D-04	-2.87717D-04
162	6.57784D-02	-2.29276D-09	-6.85512D-03	3.92784D-04	-3.79053D-04	-1.63757D-04
163	6.35617D-02	7.16553D-05	-1.21738D-02	3.85087D-04	-2.99499D-04	-1.41804D-04
164	6.24647D-02	1.14946D-04	-1.49883D-02	3.79558D-04	-2.39360D-04	-1.27257D-04
165	6.10270D-02	3.16908D-04	-2.16110D-02	3.47306D-04	-4.96335D-06	-5.83744D-05
166	8.50123D-04	-1.86886D-03	7.25009D-04	-7.44108D-05	-1.76488D-05	6.92148D-06
167	7.45390D-04	-1.86556D-03	-5.49603D-04	-7.45979D-05	-1.76850D-05	5.79107D-06
168	7.74589D-04	-1.78580D-03	6.42776D-05	-7.44858D-05	-1.76543D-05	4.68135D-06
169	7.26297D-04	-1.57715D-03	-1.54377D-04	-7.36796D-05	-1.59465D-05	-5.27838D-06
170	6.24551D-04	-4.53627D-04	-6.08747D-04	-6.95840D-05	-9.98327D-06	-2.40894D-05
171	5.46387D-04	-4.53648D-04	-3.77419D-04	-7.00598D-05	-9.98327D-06	-2.32168D-05
172	4.84737D-04	-4.53664D-04	-1.88667D-04	-7.03389D-05	-9.98327D-06	-2.27371D-05
173	3.68435D-04	-4.53672D-04	1.71960D-04	-7.03776D-05	-9.98327D-06	-2.26797D-05
174	2.15416D-04	-4.53674D-04	6.47218D-04	-7.04214D-05	-9.98327D-06	-2.26651D-05
175	6.11810D-04	-2.18919D-04	-6.64625D-04	-6.86333D-05	-9.24696D-06	-2.58808D-05

176	1.43593D-04	4.43529D-04	-5.84539D-10	-6.10076D-05	-7.37645D-06	-3.70453D-05
177	-7.14908D-05	-8.06854D-10	2.91692D-04	-2.29432D-05	-6.42248D-06	-2.97563D-06
178	-7.23209D-05	-5.73418D-04	2.68001D-10	-1.09104D-05	-1.99970D-07	1.35961D-05
179	-1.87107D-04	3.37918D-10	6.15392D-04	1.49241D-05	-1.07322D-06	-2.00143D-05
180	-5.54638D-06	2.37532D-03	1.83719D-05	1.51315D-05	-4.00336D-06	5.54954D-06
181	4.81779D-06	2.33898D-03	-1.57725D-05	1.41418D-05	-3.14839D-06	1.08742D-05
182	-1.40764D-05	2.04009D-04	-5.47804D-05	1.37867D-05	1.28488D-06	3.22903D-05
183	-1.76847D-05	1.60060D-05	-4.63642D-05	1.39050D-05	1.29270D-06	3.21578D-05
184	-2.95785D-04	-2.11104D-04	5.87113D-05	1.23071D-05	1.91204D-06	3.73646D-05
185	-2.51159D-05	-4.26441D-04	-2.59850D-05	1.46879D-05	1.18960D-06	3.02848D-05
186	-2.49655D-05	-3.21876D-04	-1.27696D-05	1.75764D-05	-9.88755D-08	1.09009D-05
187	-2.44071D-05	-2.60971D-04	-1.31704D-05	1.61851D-05	-4.14650D-08	1.06942D-05
188	-2.43391D-05	-2.14069D-04	-1.32838D-05	1.46586D-05	4.66609D-09	1.06961D-05
189	-2.95429D-05	-4.70691D-05	-7.25994D-06	1.19756D-06	-3.05482D-07	5.07887D-06
190	6.17494D-02	-2.22530D-09	1.34872D-08	2.72403D-04	2.56159D-04	2.02692D-05
191	6.18568D-02	1.65277D-08	3.53551D-02	1.88833D-04	5.43394D-05	-5.50362D-05
192	6.18513D-02	3.85210D-04	3.56295D-02	1.85523D-04	3.30232D-05	-6.17954D-05
193	6.19092D-02	1.13813D-03	3.69192D-02	6.54780D-05	9.85757D-06	5.90710D-05
194	2.27512D-02	2.87993D-03	6.97292D-03	1.50648D-04	-4.90928D-04	-2.52550D-04
195	5.51805D-03	6.09122D-04	1.69450D-03	6.97697D-05	-3.00837D-04	-1.09210D-04
196	8.11341D-03	1.18384D-03	3.79564D-03	-3.94540D-04	1.42260D-04	6.08076D-04
197	-2.21494D-03	1.11100D-03	-2.87463D-03	-3.90030D-04	1.43728D-04	6.02857D-04
198	2.72020D-03	-4.16639D-04	6.91630D-04	-3.82445D-04	1.43900D-04	5.92139D-04
199	-8.45090D-04	-8.74851D-03	-2.58391D-04	2.36077D-06	-3.84671D-06	5.28458D-05
200	-8.25658D-04	-8.84512D-03	-3.04815D-04	2.62561D-05	-1.79159D-06	-2.40989D-05
201	-9.53580D-04	-8.84530D-03	-4.06990D-04	3.40177D-05	-1.70799D-06	-4.85981D-05
202	-1.06571D-03	-8.84541D-03	-4.80942D-04	3.66898D-05	-1.65592D-06	-5.69547D-05
203	-1.30574D-03	-8.57439D-03	-6.38202D-04	3.68255D-05	-1.41422D-06	-5.67491D-05
204	-1.30484D-03	-8.09335D-03	-6.47220D-04	3.59189D-05	-7.98706D-07	-5.33633D-05
205	-1.30518D-03	-7.68775D-03	-6.50947D-04	3.40961D-05	-3.29747D-07	-4.70375D-05
206	-8.15887D-04	-7.68701D-03	-3.17647D-04	4.24653D-05	7.26541D-08	-7.58946D-05
207	-8.24165D-04	-3.64830D-03	-2.52556D-04	4.64028D-05	3.02997D-06	-8.63003D-05
208	-9.34455D-04	2.25074D-09	2.16580D-04	1.90254D-05	4.48174D-06	9.96693D-06
209	4.16521D-03	2.58701D-04	8.00421D-03	8.55649D-05	5.25081D-05	-2.03879D-04
210	3.71966D-03	2.80933D-04	7.82565D-03	8.54838D-05	5.56602D-05	-2.04532D-04
211	8.18147D-03	1.01301D-04	9.67874D-03	8.80178D-05	5.56026D-05	-2.06673D-04
212	3.23753D-03	2.95743D-04	7.63123D-03	8.32912D-05	5.90027D-05	-2.02595D-04
213	-7.50811D-05	8.77300D-09	6.29723D-03	5.33255D-05	1.06590D-04	-1.53939D-04
214	-1.04546D-02	-3.53412D-09	-5.95393D-03	-5.29020D-07	-3.21057D-05	7.58472D-05
215	-1.80605D-04	3.60486D-04	-4.64212D-04	-1.95647D-05	-1.21148D-05	1.06894D-05
216	-9.20440D-05	9.74965D-05	-4.94474D-04	-1.58053D-05	-1.85096D-06	7.55043D-06
217	-9.25607D-05	2.65422D-04	-4.00411D-04	-1.71105D-05	-6.05877D-06	8.24896D-06
218	-3.08388D-05	3.64372D-04	-2.23080D-09	-8.52621D-06	-1.68975D-06	2.74921D-07
219	-8.52677D-05	3.64398D-04	4.48585D-04	-3.13996D-06	1.71633D-06	-1.41665D-06
220	-8.81147D-05	3.64396D-04	4.54808D-04	-3.11364D-06	1.73769D-06	-1.42373D-06
221	-8.88400D-05	3.56058D-04	4.46221D-04	-3.11365D-06	1.73674D-06	-1.42297D-06
222	-9.09736D-05	3.64392D-04	4.60965D-04	-3.08803D-06	1.75996D-06	-1.43125D-06
223	-1.15843D-04	3.64260D-04	5.03120D-04	-2.40209D-06	2.47013D-06	-1.66179D-06
224	-1.19176D-04	3.64256D-04	5.07857D-04	-2.38473D-06	2.49240D-06	-1.66874D-06
225	-1.20120D-04	3.54737D-04	4.94987D-04	-2.38475D-06	2.49135D-06	-1.66799D-06
226	-1.22520D-04	3.64249D-04	5.12544D-04	-2.36847D-06	2.51568D-06	-1.67622D-06
227	-7.86670D-05	1.53027D-04	2.26798D-04	1.62011D-06	5.98831D-06	-3.54826D-06
228	-9.13792D-05	4.56195D-09	-4.78954D-04	-1.35847D-05	2.70645D-06	5.68150D-06
229	-6.45947D-05	-3.88575D-05	-3.70051D-04	-1.08724D-05	4.65418D-06	3.82488D-06
230	-5.01565D-05	-3.88465D-05	-3.28388D-04	-1.00505D-05	4.55333D-06	3.43049D-06
231	-2.09796D-09	-6.16803D-05	-5.01817D-09	4.03259D-07	1.80781D-05	-3.71888D-06
232	1.16893D-04	-4.86770D-05	-4.18570D-05	6.72895D-07	6.50158D-06	1.88687D-06
233	1.13099D-04	-4.86490D-05	-4.05055D-05	6.81699D-07	6.47857D-06	1.89257D-06
234	1.48783D-04	-5.28287D-05	-3.90634D-05	6.81816D-07	6.47888D-06	1.89259D-06
235	1.09289D-04	-4.86208D-05	-3.91352D-05	6.90465D-07	6.45526D-06	1.89793D-06

236	1.31537D-11	-3.85060D-05	5.38052D-11	1.94788D-07	1.83971D-06	-2.64906D-07
237	-2.57071D-07	-3.85024D-05	-1.82114D-07	1.86994D-07	1.81449D-06	-2.37490D-07
238	-1.58079D-06	-3.84964D-05	-1.26666D-06	1.80248D-07	1.78196D-06	-1.99885D-07
239	-1.58087D-06	-3.72545D-05	9.96434D-06	1.80248D-07	1.78248D-06	-1.97959D-07
240	-2.67817D-06	-3.84886D-05	-2.32916D-06	1.78705D-07	1.74816D-06	-1.62197D-07
241	7.35154D-07	-1.56658D-06	-1.73413D-06	-3.91195D-07	6.11229D-08	-6.51731D-08
242	4.30478D-07	-1.76295D-06	-2.64917D-07	-2.69240D-07	5.26801D-10	-4.58509D-08
243	4.28947D-07	-1.13690D-06	-1.69670D-07	-2.17660D-07	2.33998D-08	-8.40519D-08
244	1.63291D-07	-6.10407D-07	-9.87116D-09	-6.04685D-08	-1.56154D-08	-1.48709D-08
245	7.59709D-08	-2.79074D-07	-6.7872[illegible]D-09	-4.67242D-08	-1.23582D-08	-1.06953D-08
246	1.43418D-07	-2.79088D-07	-3.01290D-07	-4.67398D-08	-1.23582D-08	-1.07027D-08
247	1.15390D-08	-3.99140D-08	-3.68939D-09	-2.97175D-08	-7.97228D-09	-6.50131D-09
248	2.19580D-07	-7.13178D-07	1.03822D-09	5.07250D-08	1.91061D-08	-6.08973D-08
249	1.06583D-07	-3.72236D-07	7.22845D-10	4.96987D-08	1.61531D-08	-4.37790D-08
250	3.82569D-07	-3.72254D-07	3.13971D-07	4.97150D-08	1.61531D-08	-4.37988D-08
251	1.83973D-08	-7.67698D-08	3.92921D-10	3.55305D-08	1.07992D-08	-2.66117D-08
252	1.39105D-03	-2.16924D-03	2.81720D-04	-3.37880D-04	1.28346D-04	5.18357D-04

M O D A L A N A L Y S I S

MODE NUMBER 8
FREQUENCY= 11.3705 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-4.28730D-02	-1.10781D-02	1.09355D-02	-2.13321D-04	6.38412D-04	6.28730D-04
3	-6.92081D-02	-2.62901D-02	-5.49092D-03	-1.88188D-03	8.55646D-04	1.54102D-03
4	-9.77819D-02	-2.62532D-02	-4.03375D-02	-1.93272D-03	8.28722D-04	1.59327D-03
5	-1.24801D-01	-2.28376D-02	-7.36067D-02	-1.85405D-03	7.41020D-04	1.64461D-03
6	-1.39606D-01	-9.11997D-03	-9.36716D-02	-1.68038D-03	1.63934D-04	1.44951D-03
7	-1.38032D-01	1.21838D-02	-9.08767D-02	-1.66063D-03	-3.42904D-04	1.28030D-03
8	-7.46672D-02	8.66387D-03	-1.00514D-02	-1.47511D-03	-1.04962D-03	1.07524D-03
9	-1.60253D-02	-2.87221D-03	4.88859D-02	-9.85997D-04	-3.48259D-04	1.23383D-03
10	-1.22075D-02	-2.30690D-08	5.28505D-02	-8.92137D-04	-2.53313D-04	1.10830D-03
11	-1.60913D-02	-1.10299D-02	5.53317D-02	5.04006D-05	7.56457D-05	4.38295D-04
12	-1.64979D-02	-1.07791D-07	5.52737D-02	1.73199D-04	-4.95194D-05	2.61573D-04
13	-1.45943D-02	5.54549D-04	5.26027D-02	2.06952D-04	-1.31081D-04	5.99233D-05
14	-1.48296D-02	3.65937D-03	4.31579D-02	1.26971D-04	-1.48986D-04	7.14817D-05
15	-1.55973D-03	4.85816D-03	4.29812D-02	-4.86966D-05	-2.33965D-04	9.67624D-05
16	4.56609D-03	1.35048D-03	3.59841D-02	-6.41320D-05	-3.45095D-04	9.19522D-05
17	4.50899D-03	-2.83749D-03	1.08468D-02	-5.22144D-05	-2.00573D-04	5.97924D-06
18	3.39580D-03	-2.46829D-03	8.10443D-03	-5.14536D-05	-1.67404D-04	-9.64034D-06
19	1.51205D-03	-1.71972D-03	6.23547D-03	-4.63271D-05	-1.49442D-04	-1.67273D-05
20	6.74108D-04	-1.13850D-03	4.37914D-03	-3.94267D-05	-1.02833D-04	-2.19288D-05
21	6.37272D-04	-1.13898D-05	4.69148D-04	-1.43576D-05	-4.74654D-05	-1.16872D-05
22	5.03569D-04	-5.77111D-05	-1.42747D-04	3.82195D-06	-8.16749D-06	1.86189D-05
23	1.03436D-10	-3.43589D-11	-2.63765D-11	9.69432D-10	1.76659D-10	3.21310D-09
25	-3.54990D-02	-4.61089D-03	-1.13207D-02	-2.05739D-04	5.75339D-04	3.52441D-04
26	-5.63202D-02	-8.28280D-03	-2.16551D-02	-4.03015D-04	5.35001D-04	4.80552D-04
27	-6.17514D-02	-8.28350D-03	-2.61600D-02	-4.07127D-04	4.96616D-04	4.81911D-04
28	-7.00333D-02	-2.33638D-03	-3.92272D-02	-1.87420D-04	2.62708D-05	1.05775D-04
29	-7.00483D-02	-1.29730D-03	-3.93362D-02	-1.80594D-04	-1.15055D-05	8.30951D-05
30	-6.96211D-02	-1.17324D-03	1.53978D-02	-3.20986D-04	-1.22353D-04	7.27369D-06
31	-8.08163D-02	-6.90574D-04	-2.42448D-03	-4.88422D-04	-4.34872D-04	4.26290D-04
32	-3.98413D-02	1.38794D-03	3.86172D-02	-1.20232D-04	-6.26511D-04	3.40614D-04
33	-2.55983D-02	2.40357D-03	4.01378D-02	9.46278D-05	-2.59542D-04	2.96367D-04
34	-2.78428D-02	-1.32115D-02	4.27797D-02	1.50931D-04	8.03408D-05	3.24382D-04
35	-2.80181D-02	-1.26361D-02	4.30815D-02	1.93175D-04	-6.00984D-05	3.06403D-04
36	-1.37280D-01	2.18574D-02	-9.49602D-02	-1.53005D-03	1.75763D-04	1.04166D-03
37	-1.35446D-01	3.13404D-02	-1.00371D-01	1.16348D-04	4.74524D-04	-6.85997D-04
38	-1.65375D-02	3.14122D-02	-3.25300D-03	1.27916D-03	3.26991D-04	-4.51419D-04
39	-1.31252D-02	4.29914D-03	1.17627D-02	1.13559D-03	1.09599D-04	5.70885D-04
40	-6.01909D-03	-4.00278D-03	2.85641D-03	9.54930D-04	1.21114D-04	7.72755D-04
41	-6.22884D-04	-4.00666D-03	-3.70567D-03	9.13824D-04	1.08276D-04	7.50418D-04
42	4.04550D-03	1.02530D-03	-1.00937D-02	3.71877D-04	1.34606D-04	5.62659D-04
43	1.96265D-03	6.46130D-03	-1.00946D-02	3.00159D-04	1.22507D-04	4.75024D-04
44	9.59045D-04	5.04456D-03	-9.13123D-03	2.40498D-04	1.03789D-04	2.83978D-04
45	9.90592D-04	5.28230D-02	-3.23032D-03	-3.82495D-04	-7.16936D-05	-8.34527D-05
46	1.02006D-03	5.26732D-02	-3.42407D-03	-4.10788D-04	-7.42263D-05	8.01214D-05
47	6.00602D-05	4.74646D-03	1.83187D-05	-1.46725D-04	3.97886D-07	-2.36506D-04
48	5.75640D-05	5.40529D-03	2.29187D-05	-1.81724D-04	5.77417D-07	-1.72742D-04
49	1.61013D-04	1.65365D-03	-5.45692D-05	-6.15671D-05	-2.82794D-06	-8.35585D-05
50	2.52440D-04	6.97721D-04	-4.62606D-05	-1.80109D-05	-2.53469D-06	-5.27497D-05
51	2.63267D-04	4.02588D-04	-3.40035D-05	-1.79384D-05	-2.11748D-06	-4.94396D-05

52	1.07965D-06	-7.33600D-07	-1.07702D-06	6.61806D-08	-8.68852D-07	-1.02389D-06
53	-1.52672D-12	-6.12364D-12	-1.90674D-12	3.64276D-12	-7.52970D-11	-1.12296D-10
54	-7.44024D-03	-1.35189D-03	2.51562D-04	4.32583D-04	-2.92068D-04	-6.51916D-04
55	1.88251D-03	5.39309D-03	3.10766D-03	2.95727D-04	-2.40712D-04	-4.24603D-04
56	3.90654D-03	8.70443D-03	2.26855D-03	-1.70850D-05	-1.18757D-04	-1.17636D-04
57	5.69497D-03	-8.45782D-05	-3.83718D-03	-1.88511D-04	1.99035D-05	-4.89143D-05
58	4.19307D-03	3.45051D-04	-2.25712D-03	-1.44371D-04	9.37286D-06	-2.41710D-04
59	6.09048D-05	4.36860D-04	1.23439D-05	-1.39875D-04	-3.52911D-07	-2.65652D-04
60	-4.88818D-02	-2.87662D-03	2.83727D-02	-9.20488D-04	-3.42864D-04	1.62719D-03
61	-7.81088D-02	-2.00132D-03	1.64182D-02	-8.67781D-04	-3.97178D-04	2.37264D-03
62	-1.85012D-02	-1.04105D-03	4.06386D-02	-8.84426D-04	-1.07146D-03	1.79293D-03
63	-7.62120D-03	6.69882D-03	5.68549D-02	-1.35624D-03	-1.13533D-03	7.29923D-04
64	-7.37634D-03	3.26326D-02	1.35216D-01	-1.38125D-03	-8.97440D-04	-3.28361D-05
65	9.73568D-03	2.22442D-02	1.21323D-01	-1.58426D-03	-3.77100D-04	-1.62649D-03
66	6.05399D-02	2.22261D-02	7.44355D-02	-1.50495D-03	-2.13221D-04	-1.68966D-03
67	8.17267D-02	2.17659D-03	5.66327D-02	-3.93220D-04	3.49393D-04	-7.90046D-04
68	2.02197D-03	-2.25000D-02	9.92797D-03	3.66510D-04	4.36453D-04	-1.91125D-04
69	4.53270D-05	-1.97108D-02	9.24488D-03	4.47269D-04	9.96904D-05	-1.55045D-04
70	-3.25246D-04	-1.91428D-03	9.09329D-03	4.07112D-04	-5.31265D-05	-8.41837D-05
71	-5.22258D-04	-3.37758D-03	6.91414D-03	4.27797D-04	2.19311D-05	-1.57213D-05
72	-2.92151D-04	-3.34569D-03	1.88001D-03	3.07269D-04	-2.42035D-05	4.62437D-05
73	6.34518D-03	-3.34727D-03	-2.01652D-02	1.05765D-04	-1.52928D-04	5.84013D-05
74	5.90244D-03	-2.61823D-03	-1.69592D-02	-1.37173D-05	-2.59637D-04	3.76066D-05
76	-3.04485D-04	3.87951D-04	5.62442D-03	3.20628D-04	-1.43847D-04	-4.60885D-05
77	-2.87802D-04	1.13232D-03	1.25528D-03	2.57326D-04	-1.75700D-04	-2.42241D-05
78	-3.59932D-05	1.33744D-03	-2.01947D-04	7.43374D-05	-2.81972D-04	-8.93607D-06
79	-1.14698D-03	1.11622D-03	1.05877D-03	-4.66588D-05	-8.31173D-05	-5.88373D-06
80	-5.48183D-05	1.55308D-04	1.26971D-06	-1.31296D-05	-8.12063D-06	3.59558D-06
82	1.58557D-04	3.85103D-04	7.20686D-04	-4.96091D-05	-3.30495D-05	1.03097D-05
83	2.06946D-04	3.14695D-04	1.02988D-03	-2.14337D-05	-4.93171D-06	-7.04216D-06
84	2.14922D-04	6.58515D-05	1.05147D-03	-5.20512D-06	3.05483D-07	-1.17122D-05
85	1.61202D-04	1.42247D-05	9.88509D-04	1.72125D-05	7.37030D-06	-6.17605D-06
86	-4.17309D-06	1.23849D-05	6.70878D-06	1.10620D-05	3.60384D-07	5.98094D-07
87	-2.85024D-06	7.42355D-06	1.17287D-06	5.94960D-06	6.55102D-07	9.50731D-07
88	-1.01705D-06	-2.59034D-06	1.23990D-07	3.51293D-07	1.29573D-07	1.31842D-06
90	-2.47154D-06	1.08434D-05	1.91290D-06	4.97575D-06	-8.94526D-07	1.72547D-06
91	-5.48104D-08	1.42951D-05	3.26391D-07	-5.71488D-07	-8.72723D-08	1.76710D-06
93	-6.35745D-03	-3.49939D-05	1.52406D-03	1.33348D-05	3.46819D-04	1.81743D-04
94	-3.04464D-02	-5.30035D-03	7.71453D-03	-1.10702D-04	6.11058D-04	4.87632D-04
95	-1.38456D-01	-1.45997D-02	-9.15393D-02	-1.70479D-03	2.33130D-04	1.48611D-03
96	-1.38208D-01	1.03816D-02	-9.44458D-02	-1.59480D-03	1.73154D-04	1.20389D-03
97	-1.40313D-01	-3.89376D-03	-9.49906D-02	-1.67242D-03	7.62643D-05	1.42058D-03
98	-1.40513D-01	-1.24042D-07	-9.53739D-02	-1.66970D-03	-2.16629D-06	1.39139D-03
99	-4.36930D-02	-1.71762D-03	2.07027D-02	-1.32992D-03	-8.36790D-04	1.09311D-03
100	-2.97472D-02	-4.97830D-03	3.44922D-02	-1.21139D-03	-6.14069D-04	1.13216D-03
101	-1.88177D-02	-4.38331D-03	4.59236D-02	-1.04876D-03	-4.07096D-04	1.20297D-03
102	-1.35471D-02	-1.06986D-03	5.14583D-02	-9.29466D-04	-2.91597D-04	1.15629D-03
103	-3.00650D-02	-2.87429D-03	3.92669D-02	-9.44511D-04	-3.45776D-04	1.44914D-03
104	-1.67136D-02	-1.03022D-02	5.53531D-02	1.33571D-04	3.94221D-05	4.05755D-04
105	-1.73357D-02	-7.00294D-03	5.53662D-02	1.83712D-04	9.53521D-06	3.87224D-04
106	-2.81435D-02	-6.10356D-03	6.12610D-02	2.19382D-04	6.53496D-06	4.03312D-04
107	-1.71809D-02	-3.18226D-03	5.53234D-02	1.79742D-04	-1.86426D-05	3.35971D-04
108	-1.46037D-02	1.74468D-04	5.14489D-02	2.10204D-04	-1.22514D-04	2.78372D-05
109	-1.02396D-02	9.32512D-04	5.14762D-02	6.13373D-05	-9.30000D-04	-3.38548D-03
110	-6.94792D-03	1.02577D-03	5.14880D-02	3.78749D-05	-1.13337D-03	-4.84833D-03
111	-8.53243D-04	1.13260D-03	5.15065D-02	5.02420D-05	-1.28012D-03	-7.16450D-03
112	6.94507D-03	1.50487D-03	5.15210D-02	1.02471D-04	-1.21801D-03	-8.65675D-03
113	2.90600D-01	1.94782D-02	6.26107D-02	6.66611D-04	-1.33276D-03	-1.12394D-02
114	1.36334D-02	1.58517D-03	5.15220D-02	-3.72453D-05	-1.05680D-03	-8.66203D-03
115	1.62142D-02	1.32013D-03	5.15227D-02	-1.16156D-04	-9.66811D-04	-8.66655D-03

116	1.92527D-02	7.32206D-04	5.15235D-02	-1.80992D-04	-8.94402D-04	-8.67237D-03
117	2.21320D-02	4.93332D-08	5.15239D-02	-2.01620D-04	-8.71095D-04	-8.67237D-03
118	-3.69153D-03	7.32204D-04	5.21189D-02	-2.64094D-04	-8.56221D-04	-8.79690D-03
119	2.87778D-02	-1.53750D-03	5.15242D-02	-2.01650D-04	-8.71647D-04	-8.67237D-03
120	-5.14754D-02	7.32196D-04	5.38689D-02	-3.68061D-04	-7.78040D-04	-8.95460D-03
121	-8.47763D-02	-2.22342D-04	5.53366D-02	-3.73884D-04	-7.72250D-04	-8.96350D-03
122	-1.46238D-02	2.35787D-07	5.01856D-02	2.16070D-04	-8.96425D-05	2.26085D-06
123	-1.46613D-02	4.84856D-04	4.93223D-02	2.27213D-04	-2.83905D-05	-3.81035D-05
124	-1.47516D-02	3.37763D-03	4.94014D-02	2.55366D-04	-1.92310D-05	-4.89642D-05
125	-1.47696D-02	3.85902D-03	4.91784D-02	2.61232D-04	-4.16340D-05	-3.48532D-05
126	-1.47984D-02	4.41357D-03	4.80182D-02	2.68505D-04	-8.29248D-05	-6.68605D-06
127	-1.46730D-02	5.09538D-03	5.61191D-02	3.01430D-04	-8.22062D-05	1.85740D-06
128	-1.48139D-02	4.35449D-03	4.56696D-02	2.08810D-04	-1.22949D-04	2.06938D-05
129	-1.48195D-02	4.20676D-03	4.48377D-02	1.79925D-04	-1.35184D-04	3.72744D-05
130	-1.65232D-02	2.32772D-03	4.31584D-02	1.32966D-04	-1.56668D-04	1.15487D-04
131	-1.32220D-02	4.78996D-03	4.31352D-02	8.73085D-05	-1.50851D-04	7.51407D-05
132	4.55742D-03	1.56279D-07	3.06749D-02	-6.22160D-05	-3.27116D-04	7.76725D-05
133	6.63765D-04	-7.78215D-04	2.96369D-03	-3.23624D-05	-8.45301D-05	-2.24129D-05
134	-1.92869D-02	-2.62062D-07	4.31573D-02	1.60851D-04	-1.66468D-04	1.83495D-04
135	-2.19561D-02	-2.68075D-03	4.31544D-02	1.94452D-04	-1.61066D-04	2.43503D-04
136	-2.52659D-02	-7.05393D-03	4.31499D-02	2.20350D-04	-1.30991D-04	2.93110D-04
137	-3.38717D-02	-7.95584D-03	4.96507D-02	2.49535D-04	-1.30444D-04	3.13108D-04
138	-2.75693D-02	-1.14517D-02	4.31003D-02	2.01315D-04	-8.44048D-05	3.02043D-04
139	-2.40928D-02	-7.22097D-03	3.88782D-02	1.14336D-04	1.16966D-04	3.27493D-04
140	-2.27825D-02	-5.64317D-07	3.73898D-02	1.05189D-04	-1.14066D-04	2.98644D-04
141	-2.42297D-02	1.40940D-03	3.87923D-02	9.92918D-05	-2.02646D-04	2.95143D-04
142	-2.53190D-02	2.34039D-03	3.77378D-02	-1.76570D-03	4.86438D-04	1.84030D-03
143	-2.66618D-02	2.35916D-03	3.64097D-02	-2.53074D-03	6.72128D-04	2.53646D-03
144	-2.93957D-02	2.21326D-03	3.36988D-02	-3.70046D-03	8.31572D-04	3.68081D-03
145	-3.30608D-02	2.15134D-03	3.00517D-02	-4.41666D-03	8.13922D-04	4.45552D-03
146	-1.84595D-01	-4.11483D-03	-1.06634D-01	-5.35963D-03	8.82129D-04	6.08527D-03
147	-3.62624D-02	1.87337D-03	2.68507D-02	-4.50221D-03	7.21323D-04	4.37569D-03
148	-3.75230D-02	1.49856D-03	2.55908D-02	-4.55140D-03	6.69671D-04	4.33142D-03
149	-3.90302D-02	8.09698D-04	2.40846D-02	-4.59298D-03	6.28147D-04	4.29616D-03
150	-4.04732D-02	4.12585D-08	2.26421D-02	-4.60518D-03	6.14894D-04	4.28396D-03
151	-2.77302D-02	8.09697D-04	3.63131D-02	-4.71214D-03	5.98866D-04	4.31218D-03
152	-4.37904D-02	-1.73222D-03	1.93252D-02	-4.60520D-03	6.15226D-04	4.28393D-03
153	-4.48577D-03	8.09692D-04	6.21170D-02	-4.86221D-03	5.38910D-04	4.33320D-03
154	1.16076D-02	-1.59022D-04	8.03168D-02	-4.87064D-03	5.34469D-04	4.33441D-03
155	-4.39843D-02	7.33672D-07	3.44898D-02	-1.81462D-04	-6.50262D-04	3.50098D-04
156	-6.25313D-02	-1.58235D-03	1.59965D-02	-4.15878D-04	-6.28198D-04	4.22111D-04
157	-7.14573D-02	-1.58683D-03	6.90409D-03	-4.65933D-04	-5.70630D-04	4.68734D-04
158	-8.63107D-02	-1.80106D-05	-4.72414D-03	-4.68683D-04	-5.73455D-04	5.18989D-04
159	-7.94375D-02	-9.59193D-04	-9.75410D-04	-4.82699D-04	-4.96332D-04	4.41581D-04
160	-8.30763D-02	-2.81509D-07	-4.83579D-03	-4.89672D-04	-3.15296D-04	4.05367D-04
161	-8.20030D-02	1.22017D-03	-3.59550D-03	-4.46063D-04	2.32295D-04	3.02061D-04
162	-7.05985D-02	7.97362D-09	1.60122D-02	-4.01708D-04	1.99832D-04	1.79264D-04
163	-6.93965D-02	-2.38517D-04	1.86221D-02	-3.93675D-04	1.39075D-04	1.54755D-04
164	-6.88509D-02	-3.81334D-04	1.97881D-02	-3.87913D-04	9.63547D-05	1.38465D-04
165	-6.89644D-02	-8.77634D-04	2.05653D-02	-3.54366D-04	-4.46421D-05	6.07836D-05
166	-1.98491D-02	3.14119D-02	-1.22000D-02	1.27485D-03	3.28591D-04	-4.86853D-04
167	-1.20141D-02	3.14824D-02	9.67263D-03	1.28013D-03	3.27018D-04	-4.50303D-04
168	-1.59868D-02	3.26401D-02	-6.94509D-04	1.27963D-03	3.24544D-04	-4.11617D-04
169	-1.51118D-02	3.21470D-02	3.21207D-03	1.27402D-03	2.76605D-04	-8.31895D-05
170	-1.34693D-02	1.35376D-02	1.03444D-02	1.18694D-03	1.38296D-04	4.89581D-04
171	-1.18862D-02	1.35382D-02	6.39756D-03	1.19558D-03	1.38296D-04	4.68895D-04
172	-1.06437D-02	1.35387D-02	3.17603D-03	1.20064D-03	1.38296D-04	4.57508D-04
173	-8.30436D-03	1.35390D-02	-2.97978D-03	1.20134D-03	1.38296D-04	4.56141D-04
174	-5.22717D-03	1.35390D-02	-1.10926D-02	1.20213D-03	1.38296D-04	4.55770D-04
175	-1.32884D-02	8.99619D-03	1.10959D-02	1.16222D-03	1.22827D-04	5.34759D-04

176	-3.65823D-03	-4.00445D-03	1.51354D-08	9.37926D-04	1.15612D-04	7.65043D-04
177	9.68396D-04	2.45937D-08	-3.91318D-03	7.18870D-05	8.88898D-05	-1.56035D-04
178	9.80190D-04	2.96523D-02	-3.47196D-09	-1.58242D-04	1.57433D-06	-4.88557D-04
179	2.47392D-03	5.20354D-09	-8.14112D-03	-4.74366D-04	1.66174D-05	4.55707D-04
180	9.68271D-05	-3.73499D-02	-3.20250D-04	-2.18410D-04	4.39752D-05	-1.82437D-04
181	-1.04153D-05	-3.58092D-02	3.40893D-05	-1.90300D-04	3.09461D-05	-2.58557D-04
182	4.98305D-05	-3.07531D-03	3.39157D-05	-1.34668D-04	-2.16300D-06	-2.86956D-04
183	5.58417D-05	-1.44752D-03	2.08736D-05	-1.36779D-04	-1.43856D-06	-2.78121D-04
184	2.04720D-03	4.45484D-04	-1.04385D-03	-1.41740D-04	4.20652D-06	-2.57647D-04
185	6.11794D-05	2.18849D-03	1.26958D-05	-1.42743D-04	6.77416D-08	-2.53654D-04
186	4.73205D-05	2.21061D-03	3.75314D-05	-1.46247D-04	-5.16520D-07	-1.10832D-04
187	5.29088D-05	1.84591D-03	3.33145D-05	-1.34926D-04	-7.92393D-07	-1.08460D-04
188	6.03113D-05	1.58088D-03	2.77727D-05	-1.22760D-04	-1.05088D-06	-1.07604D-04
189	2.58051D-04	5.49801D-04	-3.99771D-05	-1.79348D-05	-2.35234D-06	-5.10595D-05
190	-6.99156D-02	1.40920D-09	-3.89868D-06	-2.76589D-04	-2.46729D-04	-2.56865D-05
191	-7.00656D-02	-1.70122D-08	-3.86261D-02	-1.89844D-04	-7.36573D-05	6.32328D-05
192	-7.00599D-02	-4.41135D-04	-3.90195D-02	-1.86408D-04	-5.00802D-05	7.08483D-05
193	-7.01700D-02	-1.30179D-03	-4.04340D-02	-5.55648D-05	-3.37613D-05	-5.96547D-05
194	-2.59161D-02	-3.34955D-03	-7.94043D-03	-1.71087D-04	5.58294D-04	2.84564D-04
195	-6.29364D-03	-7.19000D-04	-1.93157D-03	-8.00534D-05	3.42817D-04	1.22793D-04
196	-1.20357D-02	-1.35112D-03	-2.80413D-03	4.38029D-04	-2.89258D-04	-6.57898D-04
197	-8.17423D-04	-1.26827D-03	4.61630D-03	4.33053D-04	-2.92071D-04	-6.51833D-04
198	-5.11661D-03	4.64047D-04	9.62343D-04	4.24085D-04	-2.93156D-04	-6.40950D-04
199	4.20446D-03	9.41028D-03	1.28550D-03	-3.88943D-05	-1.11747D-04	-6.89270D-05
200	4.75586D-03	9.53811D-03	-5.36810D-04	-7.66811D-05	-9.85090D-05	9.39748D-06
201	4.84344D-03	9.53836D-03	-2.66770D-04	-8.48725D-05	-9.62113D-05	3.78763D-05
202	4.93510D-03	9.53850D-03	-8.77026D-05	-8.76751D-05	-9.47800D-05	4.71207D-05
203	5.24397D-03	9.25052D-03	-8.46175D-05	-8.77266D-05	-9.04109D-05	4.42788D-05
204	5.44399D-03	8.75469D-03	-7.31706D-04	-8.84496D-05	-8.39764D-05	3.93833D-05
205	5.60661D-03	8.32939D-03	-1.25881D-03	-8.88729D-05	-8.08320D-05	3.44477D-05
206	5.23869D-03	8.32867D-03	-2.13783D-03	-1.06593D-04	-8.11264D-05	6.06459D-05
207	5.90029D-03	4.09961D-03	-4.34822D-03	-1.36952D-04	-3.73155D-05	6.22267D-05
208	5.72964D-03	-1.93307D-08	-3.94208D-03	-1.85618D-04	2.09501D-05	-4.51169D-05
209	-7.04388D-02	-4.24632D-04	1.96177D-02	-9.01055D-04	-5.86219D-04	2.45698D-03
210	-6.54911D-02	3.38209D-04	2.16274D-02	-9.04107D-04	-6.15612D-04	2.46559D-03
211	-1.19417D-01	2.46324D-03	2.66238D-03	-9.03385D-04	-6.16095D-04	2.49843D-03
212	-6.01900D-02	1.05481D-03	2.37708D-02	-9.04624D-04	-6.45919D-04	2.43983D-03
213	-2.63709D-02	1.21536D-08	3.74566D-02	-8.90909D-04	-1.04384D-03	1.89522D-03
214	8.08159D-02	4.59594D-08	5.60952D-02	-3.70191D-04	3.67056D-04	-7.73860D-04
215	-7.55883D-04	-5.95430D-03	9.12963D-03	4.29443D-04	-2.67958D-05	-1.01021D-04
216	-3.18767D-04	-1.04356D-03	8.33432D-03	3.80086D-04	-8.73565D-05	-7.75933D-05
217	-3.24090D-04	-2.73980D-03	9.41741D-03	4.13357D-04	-3.59549D-05	-7.98053D-05
218	-3.37683D-06	-3.34610D-03	9.59231D-08	2.95658D-04	-3.12509D-05	4.87358D-05
219	4.68243D-03	-3.34853D-03	-1.68827D-02	1.35121D-04	-1.25216D-04	6.05175D-05
220	4.80360D-03	-3.34853D-03	-1.71512D-02	1.34260D-04	-1.25806D-04	6.04644D-05
221	4.84513D-03	-2.99294D-03	-1.65045D-02	1.34262D-04	-1.25769D-04	6.04582D-05
222	4.92451D-03	-3.34851D-03	-1.74175D-02	1.33420D-04	-1.26430D-04	6.04138D-05
223	5.87816D-03	-3.34772D-03	-1.93152D-02	1.10724D-04	-1.46343D-04	5.87888D-05
224	5.99566D-03	-3.34770D-03	-1.95345D-02	1.10143D-04	-1.46967D-04	5.87381D-05
225	6.04109D-03	-3.00643D-03	-1.87668D-02	1.10145D-04	-1.46926D-04	5.87319D-05
226	6.11286D-03	-3.34765D-03	-1.97520D-02	1.09598D-04	-1.47632D-04	5.86944D-05
227	3.04271D-03	-1.32002D-03	-8.75043D-03	-1.16359D-05	-2.34151D-04	3.22227D-05
228	-3.09724D-04	-7.73157D-08	6.75934D-03	3.42417D-04	-1.26189D-04	-5.88306D-05
229	-5.68591D-04	3.87834D-04	3.73790D-03	2.73894D-04	-1.38083D-04	-3.71604D-05
230	-7.05876D-04	3.87759D-04	2.70188D-03	2.46380D-04	-1.34467D-04	-3.18282D-05
231	-2.80582D-08	1.33504D-03	4.50055D-08	7.21388D-05	-2.79687D-04	-8.26540D-06
232	-1.19032D-03	1.12121D-03	1.45041D-03	-4.52490D-05	-8.73438D-05	-4.56002D-06
233	-1.18107D-03	1.12075D-03	1.35956D-03	-4.53902D-05	-8.69616D-05	-4.68287D-06
234	-1.65464D-03	1.36852D-03	1.34964D-03	-4.53934D-05	-8.69652D-05	-4.68319D-06
235	-1.17153D-03	1.12027D-03	1.26839D-03	-4.55245D-05	-8.65759D-05	-4.80494D-06

236	-3.61450D-10	3.85275D-04	-1.95845D-09	-5.39779D-05	-3.71564D-05	1.24222D-05
237	1.21659D-05	3.85247D-04	5.31359D-05	-5.28649D-05	-3.62522D-05	1.19383D-05
238	8.19114D-05	3.85201D-04	3.65782D-04	-5.15366D-05	-3.50857D-05	1.13194D-05
239	8.19156D-05	3.14042D-04	1.44813D-04	-5.15366D-05	-3.50778D-05	1.13024D-05
240	1.48056D-04	3.85140D-04	6.70988D-04	-5.04000D-05	-3.39386D-05	1.07462D-05
241	-4.66327D-06	1.25432D-05	6.09153D-05	1.43958D-05	9.62799D-07	-2.75402D-07
242	-4.17603D-06	1.61830D-05	4.40084D-06	8.92947D-06	5.31916D-07	6.25375D-07
243	-4.20031D-06	7.03543D-06	5.89904D-06	8.51635D-06	-1.55410D-07	9.31180D-07
244	-9.03873D-07	-2.54084D-06	1.04481D-07	1.05255D-07	1.04146D-07	1.08248D-06
245	-3.80477D-07	-1.98894D-06	7.17177D-08	-1.06846D-07	7.27347D-08	7.78081D-07
246	-5.28497D-06	-1.98904D-06	-6.01705D-07	-1.06878D-07	7.27347D-08	7.78367D-07
247	-3.75779D-08	-7.06054D-07	3.89840D-08	-1.38207D-07	4.34547D-08	4.72968D-07
248	-2.10281D-08	1.31382D-05	2.74971D-07	-7.84960D-07	-4.92011D-08	1.45084D-06
249	9.81540D-08	7.20390D-06	1.88620D-07	-8.78849D-07	-1.31473D-08	1.04279D-06
250	-6.47460D-06	7.20427D-06	-5.35075D-06	-8.79139D-07	-1.31473D-08	1.04314D-06
251	6.91821D-08	1.64041D-06	1.02530D-07	-6.60626D-07	8.26836D-10	6.33877D-07
252	-2.37178D-03	2.43250D-03	1.80369D-03	3.71634D-04	-2.78720D-04	-5.63886D-04

M O D A L A N A L Y S I S

MODE NUMBER 9
FREQUENCY= 11.6456 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	5.93391D-02	1.88519D-02	-1.50479D-02	3.57798D-04	-9.03344D-04	-8.17607D-04
3	9.59263D-02	4.02928D-02	7.68526D-03	2.56898D-03	-1.28751D-03	-2.05543D-03
4	1.33990D-01	4.02451D-02	5.52132D-02	2.62146D-03	-1.27138D-03	-2.11877D-03
5	1.70156D-01	3.56533D-02	9.99909D-02	2.35603D-03	-1.12515D-03	-2.16535D-03
6	1.91126D-01	1.48590D-02	1.28286D-01	1.98763D-03	-3.13690D-04	-1.94257D-03
7	1.90894D-01	-2.11722D-02	1.28081D-01	1.82406D-03	4.15508D-04	-1.66354D-03
8	1.01366D-01	-3.25634D-02	1.47431D-02	1.42183D-03	1.55681D-03	-9.78359D-04
9	9.49990D-03	-2.08288D-03	-7.73630D-02	7.54579D-04	4.77553D-04	-6.34689D-04
10	4.89816D-03	7.55133D-08	-8.21496D-02	7.18909D-04	2.72034D-04	-5.27109D-04
11	1.43758D-02	2.41352D-02	-8.07293D-02	-2.09882D-04	1.17668D-04	-2.18159D-04
12	-7.58091D-03	-7.16685D-08	-8.05558D-02	-3.44450D-04	5.35850D-04	-1.81207D-04
13	-2.34000D-02	-2.82708D-03	-6.16627D-02	-2.24002D-04	9.97820D-04	-1.65612D-04
14	-2.34037D-02	3.02657D-03	4.29301D-02	8.47986D-05	1.07108D-04	1.26325D-04
15	-1.17242D-02	4.91797D-03	4.27702D-02	-9.94495D-06	-3.32965D-04	1.30597D-04
16	-3.24599D-03	1.80019D-03	3.37445D-02	-1.66887D-05	-4.15676D-04	1.21843D-04
17	-3.09996D-03	-6.10075D-03	6.54729D-03	-7.82627D-06	-1.64513D-04	4.08642D-05
18	-3.72885D-03	-6.40649D-03	4.73312D-03	-1.07620D-05	-8.52269D-05	7.71816D-06
19	-4.49752D-03	-6.28098D-03	3.93987D-03	-6.68501D-06	-6.37484D-05	-1.11398D-05
20	-4.79609D-03	-5.82361D-03	3.18448D-03	-8.67699D-06	-4.82879D-05	-4.26867D-05
21	-4.70599D-03	-2.21600D-03	7.69728D-04	-7.31216D-07	-4.38557D-05	-8.70311D-05
22	-2.26368D-03	-4.04652D-05	-1.03365D-04	3.93073D-06	-3.54476D-05	-8.73555D-05
23	-2.58258D-10	-1.68587D-11	-1.27168D-11	6.49481D-10	-4.54285D-09	-1.18144D-08
25	-3.01718D-02	-3.73503D-03	-9.62105D-03	-1.68617D-04	4.88824D-04	2.93590D-04
26	-4.76887D-02	-6.66198D-03	-1.80795D-02	-3.22198D-04	4.51882D-04	3.98874D-04
27	-5.21964D-02	-6.66260D-03	-2.16848D-02	-3.25129D-04	4.19490D-04	3.99769D-04
28	-5.90227D-02	-1.80163D-03	-3.22290D-02	-1.34056D-04	2.10867D-05	8.26898D-05
29	-5.90348D-02	-9.96352D-04	-3.23096D-02	-1.27827D-04	-1.05899D-05	6.37087D-05
30	-5.86303D-02	-8.64822D-04	1.02236D-02	-1.99291D-04	-8.08700D-05	3.99226D-06
31	-5.91131D-02	-5.16598D-04	1.44496D-02	-2.89724D-04	-2.88370D-04	2.50001D-04
32	-3.17442D-02	9.67399D-04	4.17934D-02	-6.68347D-05	-4.52162D-04	2.23110D-04
33	-2.01897D-02	1.92570D-03	4.25949D-02	7.34718D-05	-2.50554D-04	2.24518D-04
34	-1.97575D-02	-1.20490D-02	4.24541D-02	1.37756D-04	8.85586D-05	3.11154D-04
35	-2.06966D-02	-1.16292D-02	4.29502D-02	1.78246D-04	3.50161D-05	3.03959D-04
36	1.86845D-01	-2.30958D-02	1.30651D-01	1.80452D-03	-3.16647D-04	-1.38246D-03
37	1.83925D-01	-3.42492D-02	1.36830D-01	-2.48271D-04	-7.11851D-04	9.05825D-04
38	2.12226D-02	-3.43078D-02	4.74247D-03	-1.69363D-03	-4.48475D-04	6.92852D-04
39	1.65598D-02	-5.59296D-03	-1.58311D-02	-1.51608D-03	-1.52304D-04	-6.52604D-04
40	7.77512D-03	4.68717D-03	-3.87833D-03	-1.29601D-03	-1.64533D-04	-9.72209D-04
41	9.72607D-04	4.69225D-03	5.03849D-03	-1.24331D-03	-1.47830D-04	-9.46907D-04
42	-4.98022D-03	-2.38333D-03	1.38636D-02	-5.44620D-04	-1.70105D-04	-7.31589D-04
43	-2.35066D-03	-1.04635D-02	1.38651D-02	-4.52509D-04	-1.54784D-04	-6.28567D-04
44	-1.07291D-03	-8.96000D-03	1.26272D-02	-3.68564D-04	-1.35610D-04	-4.05287D-04
45	-1.11604D-03	-6.36920D-02	3.65542D-03	4.12120D-04	8.82656D-05	1.03653D-04
46	-1.15296D-03	-6.35305D-02	3.89683D-03	4.47402D-04	9.35273D-05	-9.98376D-05
47	1.95238D-05	-4.46269D-03	-5.92879D-05	1.45745D-04	-1.14588D-06	2.42171D-04
48	2.20229D-05	-5.15984D-03	-6.50027D-05	1.81399D-04	-6.95224D-08	1.77422D-04
49	-1.54936D-04	-1.72803D-03	7.52681D-05	6.27430D-05	3.05349D-06	8.59142D-05
50	-2.56908D-04	-7.36633D-04	6.47473D-05	1.95972D-05	3.15987D-06	5.45104D-05
51	-2.70310D-04	-4.27306D-04	4.95549D-05	1.95337D-05	2.72794D-06	5.11320D-05

52	-1.12855D-06	7.19898D-07	1.30150D-06	-2.18876D-08	9.23564D-07	1.06820D-06
53	1.58938D-12	6.00926D-12	2.12099D-12	1.77567D-12	8.00385D-11	1.17164D-10
54	4.45296D-04	-1.04607D-03	-2.66568D-03	3.20631D-04	3.84412D-05	-6.24319D-04
55	-1.58605D-03	2.84305D-03	-3.27225D-03	2.30199D-04	9.20710D-05	-4.01085D-04
56	-3.07215D-03	5.98067D-03	-2.36238D-03	1.89625D-05	1.50622D-04	-1.23074D-04
57	-5.07285D-03	1.76183D-04	4.01731D-03	1.85995D-04	-3.33980D-05	2.88104D-05
58	-3.89002D-03	6.47958D-05	2.29926D-03	1.49445D-04	-1.63555D-05	2.18910D-04
59	1.28889D-05	-2.41640D-05	-3.33684D-05	1.38611D-04	-7.38930D-07	2.71622D-04
60	2.70603D-02	-2.06195D-03	-6.47717D-02	5.13425D-04	4.05756D-04	-8.69609D-04
61	4.11209D-02	-3.93449D-03	-6.08930D-02	4.57698D-04	1.85119D-04	-1.26914D-03
62	2.09370D-02	1.84149D-03	-6.93010D-02	6.47364D-04	3.22429D-04	-9.45093D-04
63	1.80226D-02	1.84929D-05	-7.33099D-02	9.65602D-04	2.20743D-04	-3.87391D-04
64	1.79558D-02	-1.65648D-02	-8.56984D-02	1.11562D-03	1.06448D-04	-6.83712D-05
65	1.28166D-02	-1.38905D-02	-6.75812D-02	1.26434D-03	-7.27472D-05	5.21001D-04
66	-3.55914D-03	-1.38764D-02	-2.97499D-02	1.22521D-03	-9.15234D-05	5.44720D-04
67	-9.27671D-03	-1.36187D-03	-1.43500D-02	4.31138D-04	-1.09975D-04	1.72754D-04
68	5.23201D-03	1.32874D-02	-5.53551D-03	-1.86346D-04	-2.16672D-05	2.35510D-05
69	4.93813D-03	1.15886D-02	-5.55391D-03	-2.65159D-04	8.82460D-05	7.17785D-06
70	8.28848D-04	4.76054D-04	-5.46480D-03	-2.68565D-04	8.41452D-05	1.57716D-05
71	7.79806D-04	5.90766D-04	-4.91571D-03	-2.97032D-04	1.50794D-05	-2.00851D-05
72	3.15571D-04	4.28315D-04	-1.42475D-03	-2.32217D-04	4.04070D-05	-4.92007D-05
73	-5.40858D-03	4.30044D-04	1.61673D-02	-9.06426D-05	1.32519D-04	-4.27978D-05
74	-4.75698D-03	2.53514D-04	1.36564D-02	-2.51263D-06	2.10521D-04	-6.44708D-06
76	8.02451D-04	-8.56433D-05	-2.41146D-03	-2.20086D-04	1.01946D-04	1.09180D-05
77	7.80959D-04	-2.69550D-04	3.42172D-04	-1.85746D-04	1.06056D-04	8.91420D-06
78	1.01176D-04	-7.46117D-04	2.03256D-04	-7.03795D-05	1.47015D-04	2.98825D-05
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80	2.34560D-05	-7.70613D-05	-1.21951D-06	6.92680D-06	3.85128D-06	-3.06411D-06
82	-1.13467D-04	-8.58515D-05	-6.54801D-04	4.50113D-05	1.95161D-05	-7.70300D-06
83	-1.55997D-04	-5.52398D-05	-8.86205D-04	1.83383D-05	-2.08425D-06	-2.66665D-06
84	-1.28851D-04	-3.61747D-06	-8.09690D-04	4.09612D-06	-5.34079D-06	7.97261D-07
85	-1.07765D-04	-2.71123D-07	-7.39538D-04	-1.25139D-05	-9.76022D-06	2.27449D-06
86	1.01917D-06	-2.35865D-07	-4.50431D-06	-8.32653D-06	-4.77362D-07	-1.74116D-07
87	3.29773D-07	2.45968D-06	-4.32013D-07	-4.03806D-06	-3.07312D-07	-9.48894D-07
88	-2.67664D-07	7.18157D-06	-4.00514D-08	1.51916D-07	-3.22361D-09	-1.13779D-06
90	-1.72883D-07	-2.80388D-06	-1.41239D-06	-4.02065D-06	6.24506D-07	-9.63055D-07
91	-1.54366D-06	-7.40350D-06	-3.08710D-07	1.69333D-07	-5.27904D-08	-1.14620D-06
93	8.65746D-03	5.99229D-04	-2.04302D-03	1.47948D-05	-4.74859D-04	-2.37967D-04
94	4.19075D-02	9.88366D-03	-1.05450D-02	2.12571D-04	-8.53042D-04	-6.35247D-04
95	1.89068D-01	2.35408D-02	1.24462D-01	2.05151D-03	-4.08242D-04	-1.99899D-03
96	1.88521D-01	-9.08336D-03	1.29723D-01	1.88185D-03	-3.17459D-04	-1.60390D-03
97	1.92566D-01	6.41353D-03	1.30978D-01	1.94567D-03	-1.91213D-04	-1.89679D-03
98	1.93195D-01	1.32869D-07	1.32170D-01	1.91775D-03	-7.98434D-05	-1.85169D-03
99	5.43175D-02	-1.82321D-02	-3.19525D-02	1.22570D-03	1.31880D-03	-7.85065D-04
100	3.15881D-02	-1.01299D-02	-5.44352D-02	1.06663D-03	1.00414D-03	-7.01041D-04
101	1.36602D-02	-3.41259D-03	-7.29909D-02	8.42786D-04	6.16737D-04	-6.44069D-04
102	6.37560D-03	-9.17738D-04	-8.06013D-02	7.33806D-04	3.50385D-04	-5.67916D-04
103	1.69343D-02	-2.07328D-03	-7.09071D-02	6.10024D-04	4.44510D-04	-7.67869D-04
104	1.31850D-02	2.19917D-02	-8.07367D-02	-3.22180D-04	2.25341D-04	-2.18766D-04
105	7.82859D-03	1.45604D-02	-8.07402D-02	-3.91622D-04	3.02942D-04	-2.19113D-04
106	1.39082D-02	1.40674D-02	-9.35020D-02	-4.48730D-04	3.07746D-04	-2.26885D-04
107	6.46382D-04	6.49577D-03	-8.06544D-02	-3.74088D-04	3.90981D-04	-2.03651D-04
108	-2.33981D-02	-1.53501D-03	-5.33740D-02	-1.97850D-04	1.00784D-03	-1.65130D-04
109	-2.51375D-02	-1.91742D-03	-5.34064D-02	6.70074D-06	-2.94984D-04	-3.13814D-03
110	-2.34341D-02	-1.77318D-03	-5.34201D-02	3.42576D-05	-6.94781D-04	-4.41229D-03
111	-1.86900D-02	-1.52941D-03	-5.34417D-02	4.09561D-06	-1.13275D-03	-6.42969D-03
112	-1.12319D-02	-1.63305D-03	-5.34585D-02	-8.13003D-05	-1.24041D-03	-7.72944D-03
113	2.41258D-01	1.28560D-02	-6.97798D-02	-7.22284D-04	-1.40942D-03	-9.97673D-03
114	-3.98941D-03	-1.62114D-03	-5.34596D-02	4.94103D-05	-1.18850D-03	-7.73533D-03
115	-9.31826D-04	-1.33498D-03	-5.34604D-02	1.23361D-04	-1.15969D-03	-7.74038D-03

116	2.91014D-03	-7.35163D-04	-5.34613D-02	1.84295D-04	-1.13667D-03	-7.74688D-03
117	6.70460D-03	-4.60000D-08	-5.34616D-02	2.03533D-04	-1.12976D-03	-7.74688D-03
118	-1.76254D-02	-7.35159D-04	-5.40760D-02	2.74826D-04	-1.09426D-03	-7.88573D-03
119	1.53211D-02	1.55210D-03	-5.34620D-02	2.03565D-04	-1.13007D-03	-7.74688D-03
120	-6.05683D-02	-7.35149D-04	-5.59133D-02	3.88102D-04	-1.00742D-03	-8.06117D-03
121	-8.97685D-02	2.71773D-04	-5.74616D-02	3.94448D-04	-1.00099D-03	-8.07105D-03
122	-2.34050D-02	2.65356D-07	-4.29589D-02	-1.67697D-04	1.00183D-03	-1.53875D-04
123	-2.34166D-02	2.79725D-03	-2.42573D-02	-1.10406D-04	9.43590D-04	-1.31363D-04
124	-2.34387D-02	6.91154D-03	1.52798D-02	3.43278D-05	6.47809D-04	-2.03021D-05
125	-2.34420D-02	6.98608D-03	2.14146D-02	6.44807D-05	5.58938D-04	1.24342D-05
126	-2.34467D-02	6.30203D-03	3.20046D-02	1.01871D-04	4.31582D-04	5.90067D-05
127	-2.64500D-02	6.58698D-03	3.53409D-02	1.23795D-04	4.32940D-04	7.51616D-05
128	-2.34261D-02	4.80591D-03	3.95756D-02	9.46704D-05	2.92480D-04	8.58435D-05
129	-2.34184D-02	4.25633D-03	4.11213D-02	9.11862D-05	2.26417D-04	9.97645D-05
130	-2.23604D-02	2.02480D-03	4.29441D-02	1.04295D-04	8.05938D-05	1.61099D-04
131	-2.40192D-02	3.81683D-03	4.29100D-02	6.34575D-05	1.87367D-05	1.26943D-04
132	-3.22289D-03	6.68257D-08	2.75046D-02	-1.52639D-05	-3.83144D-04	1.12222D-04
133	-4.77098D-03	-5.05793D-03	2.47531D-03	-6.43791D-06	-4.56572D-05	-5.65080D-05
134	-2.13344D-02	-1.16848D-07	4.29638D-02	1.41672D-04	3.70831D-05	2.14841D-04
135	-2.11840D-02	-2.40979D-03	4.29791D-02	1.77583D-04	9.28341D-06	2.62260D-04
136	-2.12064D-02	-6.44882D-03	4.29943D-02	2.05444D-04	1.00369D-05	3.01460D-04
137	-2.97677D-02	-7.33950D-03	4.93552D-02	2.35855D-04	1.07485D-05	3.19908D-04
138	-2.08695D-02	-1.05347D-02	4.29624D-02	1.86421D-04	2.58188D-05	3.03139D-04
139	-1.68810D-02	-6.32696D-03	3.94700D-02	9.71242D-05	6.87382D-05	2.92890D-04
140	-1.72089D-02	-4.04265D-07	3.96661D-02	8.21047D-05	-1.39815D-04	2.41081D-04
141	-1.88134D-02	1.15330D-03	4.12306D-02	7.71524D-05	-2.09388D-04	2.29502D-04
142	-1.95173D-02	1.80206D-03	4.05682D-02	-1.16686D-03	3.77837D-04	1.21061D-03
143	-2.05863D-02	1.78099D-03	3.95143D-02	-1.66750D-03	5.49577D-04	1.66339D-03
144	-2.28797D-02	1.65712D-03	3.72444D-02	-2.42058D-03	7.23243D-04	2.42025D-03
145	-2.61291D-02	1.71419D-03	3.40135D-02	-2.87020D-03	7.47144D-04	2.94344D-03
146	-1.28607D-01	-2.26600D-03	-5.24603D-02	-3.35693D-03	7.97469D-04	4.13447D-03
147	-2.91951D-02	1.59185D-03	3.09481D-02	-2.95295D-03	7.08917D-04	2.86498D-03
148	-3.04788D-02	1.29213D-03	2.96652D-02	-3.00034D-03	6.87657D-04	2.82126D-03
149	-3.20825D-02	7.04974D-04	2.80624D-02	-3.04018D-03	6.70631D-04	2.78615D-03
150	-3.36605D-02	4.01971D-08	2.64849D-02	-3.05206D-03	6.65375D-04	2.77427D-03
151	-2.47704D-02	7.04972D-04	3.61910D-02	-3.14207D-03	6.48789D-04	2.78532D-03
152	-3.72493D-02	-1.49804D-03	2.28964D-02	-3.05208D-03	6.65579D-04	2.77424D-03
153	-9.80084D-03	7.04966D-04	5.34857D-02	-3.27020D-03	6.04067D-04	2.78492D-03
154	7.34878D-05	-1.84470D-04	6.52936D-02	-3.27740D-03	6.00754D-04	2.78492D-03
155	-3.47072D-02	5.41793D-07	3.88529D-02	-1.06110D-04	-4.57009D-04	2.22792D-04
156	-4.71601D-02	-9.81516D-04	2.64838D-02	-2.45479D-04	-4.12020D-04	2.52236D-04
157	-5.29837D-02	-1.04108D-03	2.05700D-02	-2.68671D-04	-3.73597D-04	2.82348D-04
158	-6.21953D-02	-1.19354D-04	1.42243D-02	-2.59979D-04	-3.76373D-04	3.20330D-04
159	-5.82094D-02	-7.14338D-04	1.54045D-02	-2.84039D-04	-3.26479D-04	2.61105D-04
160	-6.06181D-02	-2.45732D-07	1.28337D-02	-2.92257D-04	-2.15219D-04	2.36373D-04
161	-6.13335D-02	8.49525D-04	1.16560D-02	-2.65848D-04	8.77244D-05	1.80211D-04
162	-5.71752D-02	5.18064D-09	1.78459D-02	-2.41059D-04	3.20428D-05	1.09633D-04
163	-5.69378D-02	-1.74812D-04	1.80295D-02	-2.36836D-04	-1.37815D-06	9.50420D-05
164	-5.68934D-02	-2.81805D-04	1.78128D-02	-2.33819D-04	-2.23672D-05	8.52873D-05
165	-5.80204D-02	-6.70342D-04	1.45236D-02	-2.16401D-04	-6.55416D-05	3.79427D-05
166	2.62691D-02	-3.43078D-02	1.65881D-02	-1.68797D-03	-4.51331D-04	7.38515D-04
167	1.42796D-02	-3.44348D-02	-1.23773D-02	-1.69494D-03	-4.48512D-04	6.91449D-04
168	2.04684D-02	-3.66842D-02	1.23652D-03	-1.69431D-03	-4.44666D-04	6.41375D-04
169	1.92761D-02	-3.73222D-02	-4.09721D-03	-1.68799D-03	-3.77793D-04	2.15338D-04
170	1.70330D-02	-1.66010D-02	-1.38684D-02	-1.58021D-03	-1.90670D-04	-5.39476D-04
171	1.53019D-02	-1.66018D-02	-8.61328D-03	-1.59202D-03	-1.90670D-04	-5.09454D-04
172	1.39586D-02	-1.66025D-02	-4.32320D-03	-1.59896D-03	-1.90670D-04	-4.92897D-04
173	1.14403D-02	-1.66028D-02	3.87495D-03	-1.59992D-03	-1.90670D-04	-4.90898D-04
174	8.12963D-03	-1.66029D-02	1.46796D-02	-1.60101D-03	-1.90670D-04	-4.90294D-04
175	1.67845D-02	-1.12113D-02	-1.49064D-02	-1.54936D-03	-1.69934D-04	-6.01795D-04

176	4.79996D-03	4.68935D-03	-1.99433D-08	-1.27426D-03	-1.57374D-04	-9.63813D-04
177	-1.08554D-03	-3.20458D-08	5.68492D-03	-1.57275D-04	-1.21228D-04	1.52217D-04
178	-1.10164D-03	-3.51213D-02	4.53895D-09	1.31105D-04	-1.13307D-05	5.97153D-04
179	-3.08517D-03	-6.69498D-09	1.01619D-02	5.29015D-04	-1.77835D-05	-5.64881D-04
180	-1.23787D-04	4.45107D-02	4.10028D-04	2.18536D-04	-5.54859D-05	2.15421D-04
181	1.12867D-05	4.25622D-02	-3.69039D-05	1.84695D-04	-3.90210D-05	3.07410D-04
182	1.63489D-05	3.64776D-03	-4.52915D-05	1.31537D-04	1.61847D-06	2.99811D-04
183	1.34723D-05	1.93422D-03	-3.56101D-05	1.34427D-04	6.73026D-07	2.88076D-04
184	-1.92550D-03	-3.44131D-05	1.03959D-03	1.44786D-04	-8.35971D-06	2.46300D-04
185	1.51222D-05	-1.82680D-03	-4.23110D-05	1.41590D-04	-1.04086D-06	2.59504D-04
186	-1.90699D-05	-2.17638D-03	-3.56501D-05	1.46754D-04	1.21338D-06	1.14300D-04
187	-2.96675D-05	-1.83109D-03	-2.71970D-05	1.35541D-04	1.35639D-06	1.11771D-04
188	-4.08275D-05	-1.58251D-03	-1.84060D-05	1.23470D-04	1.50970D-06	1.10771D-04
189	-2.63811D-04	-5.81639D-04	5.70073D-05	1.95263D-05	2.97223D-06	5.27872D-05
190	-5.88990D-02	2.58445D-09	-4.96350D-08	-1.76691D-04	-1.80844D-04	-1.88786D-05
191	-5.90483D-02	-1.41424D-08	-3.16772D-02	-1.32535D-04	-6.44354D-05	4.84510D-05
192	-5.90439D-02	-3.38776D-04	-3.20243D-02	-1.30786D-04	-4.40986D-05	5.43285D-05
193	-5.90281D-02	-1.00042D-03	-3.30761D-02	-3.62952D-05	-6.70045D-06	-6.71448D-05
194	-2.20301D-02	-2.72376D-03	-6.74925D-03	-1.40397D-04	4.74401D-04	2.37014D-04
195	-5.35191D-03	-5.88234D-04	-1.64230D-03	-6.58919D-05	2.91440D-04	1.02234D-04
196	-3.95165D-03	-1.04536D-03	-4.93132D-03	3.24750D-04	3.79500D-05	-6.29374D-04
197	6.68511D-03	-9.99883D-04	5.37185D-04	3.20685D-04	3.84147D-05	-6.25040D-04
198	1.44376D-04	-3.71284D-05	-2.75663D-03	3.14584D-04	3.96517D-05	-6.13524D-04
199	-3.47297D-03	6.84556D-03	-1.05191D-03	1.34129D-05	1.45412D-04	-7.28561D-05
200	-4.19340D-03	7.36499D-03	1.27539D-03	7.49652D-06	1.24822D-04	1.06192D-05
201	-4.11526D-03	7.36511D-03	1.26653D-03	-6.44330D-07	1.21677D-04	3.28688D-05
202	-4.03630D-03	7.36517D-03	1.27181D-03	-3.44487D-06	1.19718D-04	4.10938D-05
203	-3.98995D-03	7.18575D-03	1.73412D-03	-3.48486D-06	1.13491D-04	4.44205D-05
204	-4.23509D-03	6.86413D-03	2.54131D-0	7.32452D-08	1.03461D-04	4.25968D-05
205	-4.43063D-03	6.60892D-03	3.18644D-03	5.41570D-06	9.85030D-05	3.36724D-05
206	-4.80866D-03	6.60808D-03	3.26768D-03	9.29598D-06	9.92895D-05	7.07799D-05
207	-5.60023D-03	3.14139D-03	5.82080D-03	4.13330D-05	3.82867D-05	1.04718D-04
208	-5.12584D-03	2.12748D-08	4.19355D-03	1.80282D-04	-3.53055D-05	2.86719D-05
209	3.80300D-02	-4.59139D-03	-6.23068D-02	4.85479D-04	2.17060D-04	-1.28794D-03
210	3.62205D-02	-4.86893D-03	-6.30571D-02	4.86534D-04	2.24584D-04	-1.29054D-03
211	6.44496D-02	-5.98404D-03	-5.31042D-02	4.71252D-04	2.25372D-04	-1.30917D-03
212	3.43042D-02	-5.06750D-03	-6.38356D-02	4.97850D-04	2.32228D-04	-1.27543D-03
213	2.33226D-02	-4.37432D-08	-6.83209D-02	6.37417D-04	3.20049D-04	-9.92341D-04
214	-8.99306D-03	-3.18726D-08	-1.41789D-02	4.14273D-04	-1.12011D-04	1.66752D-04
215	1.74956D-03	3.10204D-03	-5.48610D-03	-2.75657D-04	9.69351D-05	1.37296D-05
216	8.20624D-04	2.73965D-04	-4.57543D-03	-2.53415D-04	9.11087D-05	1.74187D-05
217	8.27988D-04	6.23140D-04	-6.14808D-03	-2.76158D-04	7.08270D-05	1.33280D-05
218	1.42254D-05	4.28450D-04	-7.02518D-08	-2.24793D-04	4.54383D-05	-5.02541D-05
219	-4.14591D-03	4.29845D-04	1.33819D-02	-1.12952D-04	1.12522D-04	-4.76063D-05
220	-4.24113D-03	4.29852D-04	1.36067D-02	-1.12306D-04	1.12943D-04	-4.74911D-05
221	-4.27667D-03	1.48949D-04	1.30238D-02	-1.12307D-04	1.12913D-04	-4.74912D-05
222	-4.33597D-03	4.29857D-04	1.38297D-02	-1.11674D-04	1.13393D-04	-4.73747D-05
223	-5.06351D-03	4.30012D-04	1.54389D-02	-9.44609D-05	1.27735D-04	-4.37873D-05
224	-5.15090D-03	4.30016D-04	1.56262D-02	-9.40151D-05	1.28185D-04	-4.36792D-05
225	-5.18858D-03	1.73560D-04	1.49560D-02	-9.40166D-05	1.28150D-04	-4.36794D-05
226	-5.23790D-03	4.30019D-04	1.58121D-02	-9.35955D-05	1.28668D-04	-4.35742D-05
227	-2.44653D-03	1.08225D-04	7.02835D-03	-1.66582D-06	1.88627D-04	-4.17381D-06
228	8.09123D-04	4.03846D-08	-3.23170D-03	-2.32300D-04	9.87121D-05	1.41229D-05
229	8.61354D-04	-8.56610D-05	-1.12366D-03	-1.85700D-04	9.76565D-05	7.61816D-06
230	8.87650D-04	-8.56717D-05	-4.24645D 04	-1.65328D-04	9.49651D-05	5.58975D-06
231	3.60254D-08	-7.45062D-04	-1.02915D-08	-6.82198D-05	1.45765D-04	2.87796D-05
232	3.89020D-04	-6.49578D-04	-9.99337D-04	3.59202D-05	4.05489D-05	-6.80407D-06
233	4.02635D-04	-6.49367D-04	-9.27221D-04	3.59824D-05	4.03398D-05	-6.72735D-06
234	6.19988D-04	-8.43157D-04	-9.26509D-04	3.59845D-05	4.03411D-05	-6.72718D-06
235	4.16074D-04	-6.49150D-04	-8.54955D-04	3.60387D-05	4.01294D-05	-6.64934D-06

236	2.30535D-10	-8.58510D-05	1.46777D-09	4.89975D-05	2.25480D-05	-8.63536D-06
237	-8.46375D-06	-8.58517D-05	-4.83019D-05	4.80113D-05	2.18752D-05	-8.39941D-06
238	-5.79025D-05	-8.58527D-05	-3.32385D-04	4.68151D-05	2.10070D-05	-8.11525D-06
239	-5.79056D-05	-3.47445D-05	-2.00143D-04	4.68151D-05	2.09956D-05	-8.11327D-06
240	-1.05743D-04	-8.58520D-05	-6.09650D-04	4.57602D-05	2.01671D-05	-7.87262D-06
241	-1.36169D-07	-2.38900D-07	-4.53918D-05	-1.08593D-05	-1.27511D-06	5.76245D-07
242	1.03117D-06	-2.69688D-06	-2.35130D-06	-6.55094D-06	-4.92799D-07	-3.58062D-07
243	1.06325D-06	2.25475D-06	-4.33644D-06	-6.54293D-06	-6.00878D-09	-3.63859D-07
244	-2.50487D-07	6.64798D-06	-3.37059D-08	3.20786D-07	7.18896D-09	-9.34159D-07
245	-1.54408D-07	3.82231D-06	-2.30497D-08	4.25949D-07	1.48613D-08	-6.71439D-07
246	4.07775D-06	3.82251D-06	2.66179D-06	4.26100D-07	1.48613D-08	-6.71671D-07
247	-4.25724D-08	9.45618D-07	-1.25293D-08	3.37388D-07	1.28661D-08	-4.08145D-07
248	-1.42144D-06	-6.84894D-06	-2.60115D-07	3.37622D-07	-7.99718D-08	-9.41024D-07
249	-7.89929D-07	-3.92131D-06	-1.78508D-07	4.40570D-07	-9.38621D-08	-6.76309D-07
250	3.47260D-06	-3.92152D-06	2.59841D-06	4.40718D-07	-9.38621D-08	-6.76507D-07
251	-1.84548D-07	-9.63421D-07	-9.70325D-08	3.47295D-07	-7.16240D-08	-4.11105D-07
252	-2.76569D-04	1.06495D-03	-2.88051D-03	2.78567D-04	5.87753D-05	-5.37756D-04

M O D A L A N A L Y S I S

MODE NUMBER 10
FREQUENCY= 12.4631 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.69359D-02	-2.88411D-02	-8.10084D-03	-6.48577D-04	-3.29141D-04	2.74609D-04
3	1.50120D-02	-5.20252D-02	-3.89029D-02	-2.81878D-03	2.22250D-04	1.34300D-03
4	-9.76508D-03	-5.19845D-02	-9.09731D-02	-2.65866D-03	3.14933D-04	1.40893D-03
5	-3.53598D-02	-5.03753D-02	-1.34081D-01	-2.52271D-03	3.65144D-04	1.92319D-03
6	-5.17802D-02	-2.44092D-02	-1.55184D-01	-1.97207D-03	1.75651D-04	2.43346D-03
7	-5.15140D-02	4.13574D-02	-1.54968D-01	-1.68690D-03	-2.67734D-04	2.33636D-03
8	1.91280D-03	1.11340D-01	-8.64882D-02	-1.56737D-03	-8.44631D-04	1.15235D-03
9	4.16045D-02	1.84135D-02	-4.78128D-02	-1.45940D-03	-2.66099D-04	-9.18997D-05
10	4.56210D-02	4.96443D-07	-4.40075D-02	-1.12245D-03	-3.36719D-04	-1.01993D-04
11	8.26154D-02	-2.29847D-02	-2.62118D-02	3.28320D-04	1.03696D-04	-4.25594D-04
12	6.09457D-02	-7.41129D-07	-2.62528D-02	2.73056D-04	3.55771D-04	-2.11882D-04
13	5.49865D-02	3.17799D-03	-2.10810D-02	8.36346D-05	1.96611D-04	1.35702D-04
14	5.49976D-02	-2.69224D-03	-1.54169D-03	-7.70408D-05	2.48716D-04	-2.28731D-04
15	2.14063D-02	-6.05903D-03	-1.6094[illegible]D-03	-2.55134D-05	4.87176D-04	-1.99832D-04
16	1.24342D-02	-2.57393D-03	5.742[illegible]7D-03	-2.73679D-05	2.49918D-04	-1.75148D-04
17	1.21555D-02	9.57685D-03	1.50277D-02	-3.96397D-05	-4.82120D-05	-6.94426D-05
18	1.13206D-02	1.04557D-02	1.34539D-02	-3.42393D-05	-1.52686D-04	-1.62567D-05
19	9.21751D-03	1.08991D-02	1.14006D-02	-3.95382D-05	-1.72827D-04	1.49291D-05
20	8.07069D-03	1.04859D-02	8.83404D-03	-3.30302D-05	-1.55295D-04	6.99946D-05
21	7.89260D-03	4.32188D-03	1.99056D-03	-3.69073D-05	-8.72696D-05	1.54280D-04
22	4.01901D-03	1.59325D-04	4.36084D-04	-1.98459D-05	-4.10088D-06	1.72001D-04
23	5.10276D-10	1.90745D-11	4.53309D-11	-2.57354D-09	3.87369D-09	2.28182D-08
25	-2.75740D-02	-3.47910D-03	-8.77740D-03	-1.36485D-04	4.46073D-04	2.42985D-04
26	-4.30339D-02	-5.10524D-03	-1.45973D-02	-1.63869D-04	4.00373D-04	3.39363D-04
27	-4.68697D-02	-5.10731D-03	-1.64229D-02	-1.62420D-04	3.71333D-04	3.39416D-04
28	-5.25207D-02	-1.20453D-03	-2.24032D-02	4.63182D-05	7.72289D-06	5.89018D-05
29	-5.25303D-02	-6.49875D-04	-2.23542D-02	5.47767D-05	-1.88801D-05	4.35166D-05
30	-5.20363D-02	-3.29408D-05	1.051[illegible]8D-03	1.64641D-04	-1.17340D-05	-3.36347D-06
31	-3.17769D-02	3.17458D-04	4.87346D-0[illegible]	3.01879D-04	-1.11010D-04	-2.32760D-04
32	-1.88218D-02	-1.15156D-03	6.14473D-02	6.60478D-05	-4.26867D-04	-2.57365D-04
33	1.23540D-03	-2.01731D-03	5.962[illegible]6D-02	-1.06199D-04	-8.34408D-04	-2.63558D-04
34	6.02079D-02	1.22146D-02	7.400[illegible]0D-04	-2.19995D-04	-4.61133D-04	-4.82600D-04
35	6.46700D-02	1.21115D-02	-1.49077D-03	-2.08187D-04	-1.38362D-04	-5.37953D-04
36	-4.86694D-02	1.81156D-02	-1.56915D-01	-1.80712D-03	2.54626D-04	2.08018D-03
37	-5.47917D-02	3.31707D-02	-1.62973D-01	3.40181D-04	5.50673D-04	2.79275D-04
38	-1.82853D-02	3.34591D-02	-5.95322D-03	1.89590D-03	4.69405D-04	-1.93696D-04
39	-1.29834D-02	-3.89636D-03	1.79895D-02	1.69414D-03	2.20543D-04	4.94730D-04
40	-5.84701D-03	-1.28992D-02	4.65318D-03	1.55323D-03	1.98092D-04	7.93295D-04
41	-2.77152D-04	-1.29030D-02	-6.10767D-03	1.51394D-03	1.80540D-04	7.79082D-04
42	4.55432D-03	-2.45431D-03	-1.79223D-02	9.69460D-04	1.61285D-04	6.57443D-04
43	2.06649D-03	1.27772D-02	-1.79250D-02	8.93337D-04	1.47355D-04	5.88735D-04
44	7.93513D-04	1.52378D-02	-1.66324D-0[illegible]	7.90581D-04	1.52289D-04	4.57930D-04
45	8.47496D-04	3.46630D-02	-2.81503D-0[illegible]	6.26099D-05	-9.07328D-05	-8.47768D-05
46	8.87236D-04	3.47365D-02	-3.07151D-03	3.65932D-05	-1.02305D-04	4.66466D-05
47	1.63401D-04	5.29051D-03	-2.31258D-04	-1.50185D-04	5.18675D-06	-2.58206D-04
48	1.42912D-04	6.03423D-03	-1.96772D-04	-1.91524D-04	4.09157D-06	-1.84609D-04
49	7.64291D-05	1.75704D-03	-1.13698D-04	-6.59859D-05	-3.59162D-06	-8.70204D-05
50	2.20812D-04	7.27691D-04	-9.42651D-05	-2.01449D-05	-5.61438D-06	-5.40976D-05
51	2.44301D-04	4.18937D-04	-6.77037D-05	-2.01133D-05	-5.12487D-06	-5.05501D-05

52	7.00629D-07	-7.89998D-07	-1.56061D-06	2.59114D-08	-1.11025D-06	-1.01868D-06
53	-2.10786D-12	-6.59441D-12	-2.54219D-12	-2.16467D-12	-9.62174D-11	-1.10547D-10
54	-7.23943D-03	-6.84737D-04	1.65104D-03	1.82809D-04	-2.74292D-04	-4.76352D-04
55	1.72692D-03	-1.40447D-04	4.38500D-03	9.80269D-05	-2.45660D-04	-3.37333D-04
56	4.23568D-03	1.40292D-03	3.12968D-03	-9.56768D-05	-1.97035D-04	-1.48589D-04
57	6.53832D-03	-9.03528D-05	-4.70991D-03	-2.26263D-04	5.65424D-05	-6.03687D-05
58	4.76034D-03	4.09622D-04	-2.69607D-03	-1.53008D-04	2.22834D-05	-2.68959D-04
59	1.94511D-04	5.06615D-04	-3.40279D-04	-1.40766D-04	4.18338D-06	-2.90719D-04
60	4.65030D-02	1.85185D-02	-8.62901D-02	-1.77009D-03	-1.03717D-04	-2.66463D-04
61	5.01621D-02	2.59139D-03	-1.09674D-01	-4.12089D-04	2.26247D-04	1.18137D-04
62	2.85051D-02	1.90061D-03	-1.18889D-01	3.10721D-04	2.29221D-04	-8.57145D-05
63	2.76928D-02	4.05267D-03	-1.18707D-01	4.76059D-04	-2.33299D-04	-2.00977D-04
64	2.76447D-02	-1.40624D-02	-9.34743D-02	9.72043D-04	-3.89581D-04	-2.04164D-04
65	2.54160D-02	-1.41602D-02	-6.89370D-02	1.35131D-03	-5.29968D-04	3.34050D-04
66	1.45416D-02	-1.41802D-02	-2.75545D-02	1.35293D-03	-4.56348D-04	3.64132D-04
67	1.37455D-02	-1.42406D-03	-8.89887D-03	4.86347D-04	-1.72364D-04	1.28737D-04
68	1.36496D-02	1.86516D-02	-8.28592D-03	-2.13793D-04	1.61213D-04	4.36358D-05
69	1.19657D-02	1.64850D-02	-8.66828D-03	-3.68211D-04	2.63336D-04	8.48744D-06
70	1.77330D-03	3.07062D-04	-8.53733D-03	-4.16990D-04	1.80840D-04	6.87106D-06
71	1.54956D-03	-2.32603D-05	-8.68287D-03	-4.91017D-04	6.70182D-05	-6.22104D-05
72	3.86738D-04	-4.53747D-04	-2.73309D-03	-4.44635D-04	9.54248D-05	-1.12490D-04
73	-1.19108D-02	-4.52499D-04	3.45952D-02	-2.11825D-04	2.84707D-04	-8.53119D-05
74	-1.02838D-02	-5.03822D-04	2.94928D-02	-1.90681D-05	4.53939D-04	-1.19450D-06
76	1.72172D-03	-3.91781D-05	-2.89452D-03	-3.49401D-04	1.71768D-04	6.37414D-06
77	1.67956D-03	-1.63715D-04	1.45807D-03	-3.02659D-04	1.63307D-04	1.08243D-05
78	2.18730D-04	-1.17776D-03	3.81745D-04	-1.29586D-04	1.99902D-04	6.53928D-05
79	4.57763D-04	-1.04125D-03	-1.16022D-03	6.47195D-05	4.71203D-05	-1.68527D-05
80	2.71093D-05	-1.14958D-04	-2.39706D-06	1.06718D-05	4.88192D-06	-5.32006D-06
82	-1.96477D-04	-4.05585D-05	-1.14299D-03	7.85320D-05	3.21139D-05	-1.35063D-05
83	-2.76730D-04	-2.59824D-06	-1.53694D-03	3.12077D-05	-4.65905D-06	-8.36156D-06
84	-2.24298D-04	1.56159D-05	-1.38945D-03	6.35151D-06	-1.00254D-05	-2.40223D-06
85	-1.98040D-04	4.55081D-06	-1.26350D-03	-2.14659D-05	-1.74745D-05	3.23902D-06
86	3.89160D-07	3.96311D-06	-7.27332D-06	-1.41639D-05	-8.54701D-07	6.69785D-09
87	-6.27115D-07	8.88076D-06	-5.31051D-07	-6.60678D-06	-4.30020D-07	-1.69448D-06
88	-1.21142D-06	1.53098D-05	-5.72541D-08	5.06458D-07	5.86750D-08	-1.99354D-06
90	-1.52737D-06	-3.02659D-06	-2.28654D-06	-6.92086D-06	9.97993D-07	-1.44533D-06
91	-3.49661D-06	-1.15612D-05	-5.38462D-07	2.10778D-07	-1.58956D-07	-1.84967D-06
93	4.51279D-03	-2.10783D-03	-1.49562D-03	-1.41791D-04	-2.39845D-04	7.06829D-05
94	2.00142D-02	-1.70269D-02	-6.07023D-03	-4.68700D-04	-3.58772D-04	2.06375D-04
95	-5.06411D-02	-3.75789D-02	-1.53001D-01	-2.06004D-03	2.10888D-04	2.43335D-03
96	-5.00017D-02	2.11285D-03	-1.56174D-01	-1.88788D-03	2.33985D-04	2.22673D-03
97	-5.26184D-02	-1.08627D-02	-1.56795D-01	-1.89921D-03	1.10033D-04	2.43569D-03
98	-5.29925D-02	4.84884D-08	-1.57534D-01	-1.84590D-03	4.49793D-05	2.43041D-03
99	2.53890D-02	8.77530D-02	-6.29527D-02	-1.62885D-03	-5.61140D-04	5.69961D-04
100	3.34015D-02	6.38371D-02	-5.48722D-02	-1.61425D-03	-3.38135D-04	2.59410D-04
101	3.96210D-02	3.06241D-02	-4.95009D-02	-1.51642D-03	-2.53184D-04	-1.83814D-05
102	4.39536D-02	6.65948D-03	-4.55940D-02	-1.26121D-03	-3.10803D-04	-1.05801D-04
103	4.33804D-02	1.84622D-02	-6.46588D-02	-1.67544D-03	-1.91367D-04	-1.95911D-04
104	8.13649D-02	-2.00141D-02	-2.62406D-02	3.39284D-04	2.31181D-04	-4.61279D-04
105	7.57565D-02	-1.28083D-02	-2.62587D-02	3.33705D-04	3.13282D-04	-4.81601D-04
106	9.04262D-02	-1.40511D-02	-1.83986D-02	3.20834D-04	3.14365D-04	-5.45684D-04
107	6.80696D-02	-5.65039D-03	-2.62565D-02	3.25121D-04	3.67401D-04	-3.71583D-04
108	5.49959D-02	1.86409D-03	-1.95513D-02	7.17635D-05	1.80861D-04	1.63894D-04
109	5.00759D-02	2.21939D-03	-1.95650D-02	1.42087D-05	1.08423D-03	1.89901D-03
110	4.62544D-02	2.22358D-03	-1.95708D-02	-2.18530D-05	1.36793D-03	2.64263D-03
111	3.87285D-02	1.97988D-03	-1.95800D-02	-9.28838D-05	1.68910D-03	3.82002D-03
112	2.80946D-02	1.27209D-03	-1.95871D-02	-1.51074D-04	1.78111D-03	4.57859D-03
113	-1.22660D-01	-8.30200D-03	-2.58546D-02	-4.31112D-04	1.83967D-03	5.88834D-03
114	1.74024D-02	5.47714D-04	-1.95876D-02	-1.03442D-04	1.78278D-03	4.58306D-03
115	1.27205D-02	3.33184D-04	-1.95879D-02	-7.64801D-05	1.78397D-03	4.58690D-03

116	6.69673D-03	1.41936D-04	-1.95882D-02	-5.42401D-05	1.78520D-03	4.59184D-03
117	6.66647D-04	-1.67374D-08	-1.95884D-02	-4.72614D-05	1.78624D-03	4.59184D-03
118	1.89024D-02	1.41941D-04	-1.94973D-02	-1.86934D-05	1.75311D-03	4.69730D-03
119	-1.29555D-02	-3.60441D-04	-1.95885D-02	-4.72697D-05	1.78654D-03	4.59184D-03
120	4.45727D-02	1.41952D-04	-1.95382D-02	2.57916D-05	1.68741D-03	4.83027D-03
121	5.92999D-02	2.12989D-04	-1.96477D-02	2.82866D-05	1.68255D-03	4.83775D-03
122	5.50128D-02	1.38108D-07	-1.78523D-02	5.72508D-05	1.51749D-04	1.78410D-04
123	5.50414D-02	-3.60331D-03	-1.55793D-02	2.96766D-05	1.05606D-04	1.76693D-04
124	5.50937D-02	-9.78779D-03	-1.17345D-02	-3.99845D-05	9.11427D-05	2.82538D-05
125	5.51010D-02	-9.88336D-03	-1.08143D-02	-5.44973D-05	1.05870D-04	-2.83883D-05
126	5.51112D-02	-8.55920D-03	-8.40539D-03	-7.24934D-05	1.35158D-04	-1.15049D-04
127	5.90450D-02	-8.75158D-03	-1.05642D-02	-8.03984D-05	1.31683D-04	-1.56353D-04
128	5.50569D-02	-5.83820D-03	-5.14116D-03	-7.44114D-05	1.80131D-04	-1.55437D-04
129	5.50364D-02	-4.86882D-03	-4.00347D-03	-7.53394D-05	2.03642D-04	-1.79488D-04
130	5.74443D-02	-1.82936D-03	-1.53632D-03	-9.46031D-05	2.14265D-04	-3.01249D-04
131	5.16935D-02	-3.46223D-03	-1.55163D-03	-6.53563D-05	3.27918D-04	-2.24548D-04
132	1.23911D-02	-2.13777D-08	9.02536D-03	-2.93408D-05	1.98822D-04	-1.64108D-04
133	8.02104D-03	9.22078D-03	6.55102D-03	-3.41227D-05	-1.40142D-04	9.48741D-05
134	6.06140D-02	3.37837D-07	-1.52793D-03	-1.37165D-04	1.81319D-04	-4.13321D-04
135	6.34475D-02	2.44794D-03	-1.52044D-03	-1.77670D-04	1.35549D-04	-5.12209D-04
136	6.58394D-02	6.52062D-03	-1.51228D-03	-2.00684D-04	4.30613D-05	-5.93958D-04
137	8.34386D-02	7.89433D-03	-6.95140D-03	-2.05875D-04	4.62436D-05	-6.52655D-04
138	6.53607D-02	1.08430D-02	-1.49663D-03	-2.06836D-04	-8.09827D-05	-5.56322D-04
139	4.16330D-02	5.58423D-03	1.92963D-02	-1.91899D-04	-7.37990D-04	-3.82657D-04
140	1.35397D-02	3.23980D-08	4.73386D-02	-1.40803D-04	-8.61797D-04	-2.88468D-04
141	6.12774D-03	-1.19342D-03	5.47339D-02	-1.24811D-04	-8.50736D-04	-2.68520D-04
142	6.53355D-03	-2.87293D-03	5.51788D-02	-1.72903D-03	4.75583D-04	1.50606D-03
143	4.92636D-03	-3.26442D-03	5.35882D-02	-2.39357D-03	8.94515D-04	2.28929D-03
144	8.33995D-04	-3.28684D-03	4.95218D-02	-3.41800D-03	1.37367D-03	3.55767D-03
145	-5.53602D-03	-2.32330D-03	4.31721D-02	-4.05303D-03	1.51723D-03	4.39984D-03
146	-1.57063D-01	-8.11693D-03	-8.24496D-02	-4.93126D-03	1.58716D-03	6.06594D-03
147	-1.20168D-02	-1.09865D-03	3.66910D-02	-4.10372D-03	1.53370D-03	4.35757D-03
148	-1.48777D-02	-7.06144D-04	3.38308D-02	-4.13373D-03	1.54318D-03	4.33478D-03
149	-1.85768D-02	-3.18892D-04	3.01326D-02	-4.16026D-03	1.55111D-03	4.31753D-03
150	-2.22914D-02	2.29489D-08	2.64184D-02	-4.16702D-03	1.55447D-03	4.31077D-03
151	-7.16405D-03	-3.18903D-04	4.12598D-02	-4.30335D-03	1.50840D-03	4.37270D-03
152	-3.06743D-02	7.75250D-04	1.80359D-02	-4.16701D-03	1.55468D-03	4.31078D-03
153	1.65615D-02	-3.18924D-04	6.49623D-02	-4.48341D-03	1.42097D-03	4.44272D-03
154	3.14995D-02	-4.01320D-04	8.00802D-02	-4.49353D-03	1.41449D-03	4.44667D-03
155	-2.13673D-02	-6.40185D-09	5.89477D-02	9.81265D-05	-3.59472D-04	-2.58561D-04
156	-2.77568D-02	2.28984D-03	5.27397D-02	2.57521D-04	-1.51098D-04	-2.43351D-04
157	-2.96534D-02	1.70296D-03	5.08724D-02	3.15656D-04	-1.27969D-04	-2.30743D-04
158	-2.41626D-02	7.95402D-04	6.07096D-02	3.58092D-04	-1.31500D-04	-2.13807D-04
159	-3.14566D-02	4.90267D-04	4.90807D-02	3.07013D-04	-1.17120D-04	-2.33260D-04
160	-3.23891D-02	-7.84413D-08	4.80630D-02	2.94325D-04	-1.02351D-04	-2.28585D-04
161	-3.70484D-02	-9.57244D-04	4.16366D-02	2.56219D-04	-1.62280D-04	-1.76007D-04
162	-4.54376D-02	-1.06258D-08	2.42974D-02	2.23672D-04	-2.76207D-04	-9.99707D-05
163	-4.69718D-02	1.09896D-04	1.99398D-02	2.18356D-04	-2.70170D-04	-8.34892D-05
164	-4.78877D-02	1.52336D-04	1.69993D-02	2.14433D-04	-2.58086D-04	-7.28313D-05
165	-5.13471D-02	5.98421D-05	4.68007D-03	1.90235D-04	-1.27018D-04	-2.67113D-05
166	-1.97306D-02	3.34555D-02	-1.92315D-02	1.89375D-03	4.70286D-04	-2.12996D-04
167	-1.63389D-02	3.33875D-02	1.32012D-02	1.89750D-03	4.69449D-04	-1.91831D-04
168	-1.74972D-02	3.17369D-02	-2.2761 D-03	1.89266D-03	4.67312D-04	-1.72720D-04
169	-1.62371D-02	2.76336D-02	3.45126D-03	1.85916D-03	4.16405D-04	1.17957D-05
170	-1.36121D-02	5.73392D-03	1.52266D-02	1.74152D-03	2.56732D-04	4.05597D-04
171	-1.23218D-02	5.73425D-03	9.43106D-03	1.75670D-03	2.56732D-04	3.77024D-04
172	-1.13332D-02	5.73451D-03	4.69530D-03	1.76560D-03	2.56732D-04	3.61254D-04
173	-9.48920D-03	5.73463D-03	-4.35788D-03	1.76684D-03	2.56732D-04	3.59346D-04
174	-7.06648D-03	5.73466D-03	-1.62906D-02	1.76822D-03	2.56732D-04	3.58744D-04
175	-1.32866D-02	1.03246D-03	1.66616D-02	1.71832D-03	2.37448D-04	4.52500D-04

176	-3.42062D-03	-1.29008D-02	1.32387D-08	1.53713D-03	1.90570D-04	7.89105D-04
177	8.08943D-04	2.32803D-08	-8.32999D-03	5.93558D-04	1.55741D-04	4.78689D-05
178	8.29030D-04	1.62762D-02	-5.60445D-09	3.24650D-04	3.94262D-05	-3.50435D-04
179	3.27315D-03	-1.13181D-09	-1.08014D-02	-1.75663D-04	1.13779D-05	4.56331D-04
180	1.48719D-04	-3.96041D-02	-4.93345D-04	-1.03158D-04	5.65882D-05	-1.18742D-04
181	1.51692D-05	-3.82706D-02	-4.95778D-05	-8.30589D-05	3.76163D-05	-2.11363D-04
182	1.98452D-04	-3.39376D-03	-3.73654D-04	-1.31760D-04	9.24270D-07	-3.12913D-04
183	1.98497D-04	-1.58694D-03	-3.64550D-04	-1.35552D-04	2.25734D-06	-3.03788D-04
184	2.38251D-03	5.16186D-04	-1.42109D-03	-1.46633D-04	1.26324D-05	-2.84604D-04
185	1.83268D-04	2.45280D-03	-3.00678D-04	-1.44641D-04	4.82736D-06	-2.77383D-04
186	-1.75733D-05	2.53516D-03	-4.24381D-05	-1.57175D-04	9.83670D-07	-1.15418D-04
187	-2.22831D-05	2.11546D-03	-3.66231D-05	-1.45089D-04	4.09422D-07	-1.12889D-04
188	-2.26682D-05	1.80496D-03	-3.49645D-05	-1.31957D-04	-1.23971D-07	-1.12103D-04
189	2.32778D-04	5.72890D-04	-8.08826D-05	-2.00859D-05	-5.40475D-06	-5.22859D-05
190	-5.23358D-02	1.26208D-08	-7.83448D-08	1.29898D-04	-6.81903D-05	-4.86301D-06
191	-5.25387D-02	-4.24894D-09	-2.16645D-02	6.20149D-05	-6.05557D-05	3.13233D-05
192	-5.25363D-02	-2.16543D-04	-2.20074D-02	5.93264D-05	-4.50010D-05	3.57821D-05
193	-5.25095D-02	-6.52736D-04	-2.16592D-02	9.46386D-05	-3.91408D-05	-5.29478D-05
194	-2.01440D-02	-2.63270D-03	-6.15945D-03	-1.17947D-04	4.33122D-04	1.94872D-04
195	-4.90058D-03	-6.26534D-04	-1.49857D-03	-5.98430D-05	2.66539D-04	8.26597D-05
196	-1.05957D-02	-6.84240D-04	3.56331D-04	1.86187D-04	-2.71734D-04	-4.80218D-04
197	-2.38167D-03	-6.71391D-04	3.51553D-03	1.83240D-04	-2.74287D-04	-4.76059D-04
198	-5.05883D-03	-4.06948D-04	2.31715D-03	1.77523D-04	-2.75509D-04	-4.69656D-04
199	4.74589D-03	2.26935D-03	1.45111D-03	-1.09537D-04	-1.89329D-04	-1.18593D-04
200	5.68052D-03	3.20062D-03	-1.62807D-03	-1.34024D-04	-1.65577D-04	-6.91879D-05
201	5.49341D-03	3.20077D-03	-1.17765D-03	-1.37236D-04	-1.63157D-04	-4.80101D-05
202	5.40438D-03	3.20086D-03	-8.93092D-04	-1.38119D-04	-1.61649D-04	-4.11704D-05
203	5.43429D-03	3.19487D-03	-9.47071D-04	-1.36373D-04	-1.56106D-04	-4.35648D-05
204	5.77789D-03	3.23818D-03	-2.06588D-03	-1.35688D-04	-1.44640D-04	-4.87695D-05
205	6.05461D-03	3.28671D-03	-2.96821D-03	-1.36006D-04	-1.37212D-04	-5.03130D-05
206	6.46854D-03	3.28650D-03	-4.29592D-03	-1.54390D-04	-1.33454D-04	-3.44192D-05
207	7.52766D-03	2.04997D-03	-7.74995D-03	-1.80107D-04	-5.08845D-05	-1.78718D-05
208	6.63098D-03	-2.02855D-08	-5.00248D 3	-2.24697D-04	5.85850D-05	-5.63204D-05
209	4.57197D-02	-1.66907D-03	-1.11782D-01	-2.36386D-04	2.86776D-04	7.19446D-05
210	4.33088D-02	-3.31391D-03	-1.12793D-01	-2.26751D-04	2.90301D-04	6.40423D-05
211	4.23314D-02	-3.19868D-03	-1.18758D-01	-2.65940D-04	2.91849D-04	5.00316D-05
212	4.08752D-02	-4.77106D-03	-1.13784D-01	-1.69632D-04	2.91161D-04	6.52631D-05
213	3.02746D-02	-1.90299D-07	-1.18163D-01	2.73097D-04	2.48432D-04	-4.43624D-05
214	1.41826D-02	1.06140D-08	-8.63565D-03	4.70031D-04	-1.65975D-04	1.25068D-04
215	3.81571D-03	4.29904D-03	-8.56881D-03	-4.13990D-04	2.23843D-04	7.25514D-06
216	1.75724D-03	1.85013D-04	-6.74411D-03	-3.95868D-04	1.78010D-04	9.97261D-06
217	1.77132D-03	3.50625D-04	-1.00881D-02	-4.38314D-04	1.60427D-04	1.83646D-06
218	-2.99944D-04	-4.53743D-04	-1.10171D-07	-4.35857D-04	1.05733D-04	-1.14124D-04
219	-9.35167D-03	-4.53193D-04	2.81386D-02	-2.57453D-04	2.43174D-04	-9.83714D-05
220	-9.54833D-03	-4.53186D-04	2.86516D-02	-2.56179D-04	2.44037D-04	-9.80515D-05
221	-9.62396D-03	-1.03829D-03	2.73962D-02	-2.56182D-04	2.43963D-04	-9.80555D-05
222	-9.74397D-03	-4.53171D-04	2.91611D-02	-2.54923D-04	2.44969D-04	-9.77276D-05
223	-1.12217D-02	-4.52713D-04	3.28911D- 2	-2.19925D-04	2.74685D-04	-8.79489D-05
224	-1.13970D-02	-4.52698D-04	3.33279D-02	-2.18990D-04	2.75617D-04	-8.76610D-05
225	-1.14765D-02	-9.73756D-04	3.18918D-02	-2.18995D-04	2.75532D-04	-8.76651D-05
226	-1.15713D-02	-4.52675D-04	3.37617D-0	-2.18105D-04	2.76630D-04	-8.73798D-05
227	-5.29708D-03	-2.90315D-04	1.51976D-02	-1.35135D-05	4.07256D-04	2.11539D-06
228	1.73477D-03	4.64620D-08	-4.28968D-03	-3.66429D-04	1.74093D-04	8.44329D-06
229	1.75010D-03	-3.92528D-05	-8.54568D-04	-2.93342D-04	1.64499D-04	2.46044D-06
230	1.75502D-03	-3.92994D-05	2.47461D-04	-2.60046D-04	1.59939D-04	-3.50514D-08
231	7.06646D-08	-1.17633D-03	6.53130D-10	-1.25634D-04	1.98146D-04	6.31555D-05
232	3.05125D-04	-1.04449D-03	-1.71153D-03	6.39703D-05	5.03554D-05	-1.82199D-05
233	3.41642D-04	-1.04419D-03	-1.58308D-03	6.40615D-05	5.00617D-05	-1.81026D-05
234	6.08833D-04	-1.38769D-03	-1.58725D-03	6.40654D-05	5.00631D-05	-1.81024D-05
235	3.77898D-04	-1.04389D-03	-1.45439D-03	6.41411D-05	4.97666D-05	-1.79820D-05

236	3.73856D-10	-4.04973D-05	2.40032D-09	8.55058D-05	3.72324D-05	-1.48131D-05
237	-1.45278D-05	-4.05079D-05	-8.43311D-05	8.37968D-05	3.60923D-05	-1.44659D-05
238	-9.98863D-05	-4.05257D-05	-5.80233D-04	8.17126D-05	3.46213D-05	-1.40601D-05
239	-9.98925D-05	4.80809D-05	-3.62332D-04	8.17126D-05	3.45977D-05	-1.40632D-05
240	-1.82991D-04	-4.05462D-05	-1.06418D-03	7.98569D-05	3.32088D-05	-1.37266D-05
241	-3.18426D-06	4.01370D-06	-7.68976D-05	-1.85025D-05	-2.28296D-06	1.39936D-06
242	4.18390D-07	5.64821D-07	-3.54186D-06	-1.10500D-05	-8.48525D-07	-4.16185D-07
243	4.75801D-07	6.86537D-06	-7.09642D-06	-1.11819D-05	-4.46054D-08	-3.18320D-07
244	-1.10893D-06	1.41082D-05	-4.81327D-08	7.83211D-07	7.22258D-08	-1.63681D-06
245	-5.92305D-07	7.87442D-06	-3.28149D-08	9.29123D-07	7.56631D-08	-1.17654D-06
246	6.82393D-06	7.87491D-06	5.82408D-06	9.29503D-07	7.56631D-08	-1.17699D-06
247	-1.28529D-07	1.85187D-06	-1.78374D-08	7.11857D-07	5.54243D-08	-7.15180D-07
248	-3.20608D-06	-1.07142D-05	-4.53701D-07	4.98025D-07	-2.02540D-07	-1.51859D-06
249	-1.73079D-06	-6.20438D-06	-3.11357D-07	6.81830D-07	-2.17139D-07	-1.09143D-06
250	5.14826D-06	-6.20476D-06	3.98651D-06	6.82089D-07	-2.17139D-07	-1.09177D-06
251	-3.82957D-07	-1.55277D-06	-1.69247D-07	5.44535D-07	-1.60669D-07	-6.63444D-07
252	-2.46780D-03	-1.90241D-04	3.10705D-03	1.44991D-04	-2.67108D-04	-4.22550D-04

M O D A L A N A L Y S I S

MODE NUMBER 11
FREQUENCY= 12.7595 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.13838D-02	3.51567D-02	4.25062D-03	7.76899D-04	8.18813D-05	-4.62857D-04
3	1.04528D-02	6.46262D-02	4.17513D-02	3.54615D-03	-6.16586D-04	-1.86419D-03
4	4.48568D-02	6.45714D-02	1.07264D-01	3.58991D-03	-7.16482D-04	-1.94220D-03
5	7.95957D-02	6.18681D-02	1.62302D-01	3.06772D-03	-7.02584D-04	-2.44964D-03
6	1.01434D-01	2.94574D-02	1.90490D-01	2.32498D-03	-2.55514D-04	-2.91444D-03
7	1.00701D-01	-4.88687D-02	1.89520D-01	1.89839D-03	4.10315D-04	-2.68896D-03
8	2.12585D-02	-1.27887D-01	8.77686D-02	1.53040D-03	1.23545D-03	-1.03947D-03
9	-2.83479D-02	-2.02874D-02	3.91860D-02	1.14037D-03	-4.52506D-05	6.09024D-04
10	-2.69017D-02	-5.50104D-07	4.07384D-02	8.42077D-04	-1.59571D-04	4.71606D-04
11	1.11852D-02	1.26685D-02	5.53698D-02	-2.13447D-04	-3.85435D-04	-2.09743D-04
12	3.87894D-02	5.40608D-07	5.52888D-02	-1.58719D-04	-4.85788D-04	-1.81530D-04
13	5.14458D-02	-2.98459D-04	4.14876D-02	-1.41624D-04	-6.62699D-04	-4.09726D-05
14	5.15312D-02	-2.86606D-03	-1.04168D-02	-9.39974D-05	1.28142D-04	-1.74873D-04
15	2.21116D-02	-6.22153D-03	-1.04421D-02	-1.58661D-05	4.86272D-04	-1.81936D-04
16	1.25394D-02	-2.60261D-03	-2.12737D-03	-1.35570D-05	3.06661D-04	-1.74946D-04
17	1.22392D-02	9.98136D-03	1.16982D-02	-3.06504D-05	-1.14130D-05	-7.49153D-05
18	1.15920D-02	1.08807D-02	1.06107D-02	-2.58603D-05	-1.23483D-04	-2.01536D-05
19	9.80706D-03	1.12698D-02	8.88006D-03	-3.17550D-05	-1.45325D-04	1.24430D-05
20	8.82182D-03	1.08260D-02	6.71618D-03	-2.50609D-05	-1.27848D-04	7.04376D-05
21	8.62987D-03	4.47312D-03	1.33584D-03	-2.93900D-05	-6.24423D-05	1.61411D-04
22	4.37453D-03	1.29319D-04	3.53108D-04	-1.59352D-05	1.00616D-05	1.82556D-04
23	5.51084D-10	1.69729D-11	3.72488D-11	-2.09032D-09	5.15946D-09	2.44669D-08
25	-2.20623D-02	-2.60321D-03	-7.01924D-03	-1.02446D-04	3.56845D-04	1.88563D-04
26	-3.42858D-02	-3.65586D-03	-1.12725D-02	-1.05954D-04	3.18171D-04	2.63400D-04
27	-3.72627D-02	-3.65766D-03	-1.24509D-02	-1.04265D-04	2.95205D-04	2.63143D-04
28	-4.15816D-02	-7.37506D-04	-1.66521D-02	6.35853D-05	9.13396D-06	3.84547D-05
29	-4.15889D-02	-3.88837D-04	-1.66470D-02	7.03589D-05	-1.14297D-05	2.63765D-05
30	-4.11629D-02	1.96845D-04	-1.05792D-03	1.96077D-04	5.04112D-06	-3.68650D-06
31	-2.12739D-02	3.93792D-04	4.66627D-02	3.52569D-04	1.86402D-06	-2.77430D-04
32	-1.83407D-02	-1.29780D-03	4.93370D-02	7.67017D-05	-2.56024D-04	-2.89710D-04
33	-2.77277D-03	-2.26682D-03	4.72177D-02	-1.08353D-04	-7.26746D-04	-2.86631D-04
34	5.24837D-02	1.31602D-02	-8.11308D-03	-2.15892D-04	-4.55375D-04	-4.69777D-04
35	5.69341D-02	1.29148D-02	-1.03494D-02	-2.17211D-04	-1.48294D-04	-5.09774D-04
36	9.72730D-02	-2.07408D-02	1.92812D-01	2.13636D-03	-3.31572D-04	-2.42349D-03
37	1.02834D-01	-3.79594D-02	1.99865D-01	-4.38321D-04	-7.34124D-04	-6.78177D-05
38	2.40593D-02	-3.82695D-02	7.19457D-03	-2.34723D-03	-5.88166D-04	4.16479D-04
39	1.73855D-02	2.84496D-03	-2.28102D-02	-2.13600D-03	-2.79056D-04	-6.05979D-04
40	8.08469D-03	1.43260D-02	-5.92029D-03	-1.97544D-03	-2.55308D-04	-1.04760D-03
41	7.23811D-04	1.43308D-02	7.77204D-03	-1.92655D-03	-2.34440D-04	-1.02962D-03
42	-5.69075D-03	9.88531D-04	2.28370D-02	-1.24056D-03	-2.15184D-04	-8.73708D-04
43	-2.35489D-03	-1.85139D-02	2.28411D-02	-1.14461D-03	-1.97277D-04	-7.88012D-04
44	-6.82229D-04	-2.13738D-02	2.11763D-02	-1.01684D-03	-1.91420D-04	-6.22994D-04
45	-7.42731D-04	-4.28788D-02	2.48190D-03	-1.16114D-04	9.91299D-05	1.09097D-04
46	-7.87205D-04	-4.29894D-02	2.76726D-03	-8.33166D-05	1.15599D-04	-5.86016D-05
47	-6.27012D-05	-5.37553D-03	8.37898D-05	1.27756D-04	-3.21710D-06	2.67519D-04
48	-5.13284D-05	-6.21816D-03	6.38342D-05	1.78399D-04	-2.01012D-06	1.81430D-04
49	-9.70386D-05	-1.64374D-03	8.47889D-05	6.44273D-05	3.03356D-06	8.09953D-05
50	-2.13179D-04	-6.64808D-04	7.00406D-05	1.82238D-05	4.23361D-06	5.01763D-05
51	-2.30975D-04	-3.80851D-04	4.98933D-05	1.81243D-05	3.80299D-06	4.68739D-05

52	-7.73838D-07	7.83953D-07	1.31824D-06	-4.73576D-08	9.59723D-07	9.38596D-07
53	1.73989D-12	6.54395D-12	2.22770D-12	-8.80334D-13	8.31721D-11	1.02261D-10
54	3.31630D-03	-4.22928D-04	-2.49759D-03	7.58804D-05	1.42696D-04	-4.89549D-04
55	-1.91840D-03	-3.02509D-03	-4.08596D-03	3.24373D-05	1.69229D-04	-3.42696D-04
56	-4.00034D-03	-1.56428D-03	-2.94267D-03	-6.79865D-05	1.83489D-04	-1.68804D-04
57	-5.99614D-03	1.54406D-04	3.58949D-03	1.60876D-04	-5.00019D-05	2.74517D-05
58	-4.56842D-03	-1.29355D-04	2.03675D-03	1.20107D-04	-2.41836D-05	2.54519D-04
59	-8.21112D-05	-2.02024D-04	1.52880D-04	1.12660D-04	-2.60051D-06	3.03621D-04
60	-5.00280D-02	-2.03774D-02	6.80880D-02	1.28167D-03	-6.55255D-05	1.16817D-03
61	-7.98643D-02	-4.88638D-03	7.96812D-02	-3.45386D-04	4.44525D-05	1.82525D-03
62	-5.20385D-02	-1.90520D-03	9.13763D-02	-9.12785D-04	-7.22700D-04	1.55530D-03
63	-4.37078D-02	4.26889D-03	1.04450D-01	-1.36145D-03	-9.78939D-04	8.03123D-04
64	-4.34539D-02	4.10240D-02	1.72770D-01	-1.67339D-03	-7.74236D-04	9.90769D-05
65	-2.38734D-02	3.01729D-02	1.50318D-01	-2.11485D-03	-1.74258D-04	-1.95949D-03
66	3.77713D-02	3.01762D-02	8.68430D-02	-2.05219D-03	-4.87728D-05	-2.05878D-03
67	6.31666D-02	3.12343D-03	6.16022D-02	-5.97664D-04	3.89562D-04	-1.07956D-03
68	-9.82574D-03	-4.27925D-02	1.83323D-02	5.74240D-04	2.85746D-04	-3.45900D-04
69	-1.02896D-02	-3.79809D-02	1.80011D-02	8.36200D-04	-1.36844D-04	-2.55643D-04
70	-1.20739D-03	-2.91568D-03	1.77544D-02	8.60992D-04	-2.45183D-04	-1.25021D-04
71	-1.21532D-03	-4.56212D-03	1.66063D-02	9.56172D-04	-1.35406D-04	5.18001D-05
72	4.78362D-04	-4.00887D-03	5.28749D-03	8.64288D-04	-2.00944D-04	1.96092D-04
73	2.35940D-02	-4.01350D-03	-6.97805D-02	4.35732D-04	-5.74419D-04	1.70660D-04
74	2.07468D-02	-3.16886D-03	-5.94906D-02	2.46863D-05	-9.15189D-04	5.94072D-05
76	-1.15843D-03	6.06489D-04	8.36105D-03	7.02196D-04	-3.23025D-04	-7.29433D-05
77	-1.11877D-03	1.86505D-03	-5.27621D-04	5.89155D-04	-3.45061D-04	-4.45844D-05
78	-1.36984D-04	2.63950D-03	-6.24414D-04	2.17495D-04	-4.93236D-04	-3.85081D-05
79	-1.92783D-03	2.27576D-03	2.35867D-03	-1.19131D-04	-1.43119D-04	-3.12482D-06
80	-9.60485D-05	2.81417D-04	4.21936D-06	-2.49231D-05	-1.42635D-05	7.08884D-06
82	3.24523D-04	6.04899D-04	2.03696D-03	-1.40176D-04	-6.46679D-05	2.14999D-05
83	4.28708D-04	4.56562D-04	2.78649D-03	-6.01583D-05	2.88043D-06	-3.15134D-06
84	3.65082D-04	7.50406D-05	2.60618D-03	-1.55834D-05	1.34145D-05	-1.37991D-05
85	2.73162D-04	1.54264D-05	2.40479D-03	4.03075D-05	2.82544D-05	-8.54662D-06
86	-8.00607D-06	1.34327D-05	1.61489D-05	2.73409D-05	1.38180D-06	1.78294D-06
87	-5.17900D-06	7.15908D-06	2.16466D-06	1.41200D-05	1.34368D-06	2.94413D-06
88	-1.69080D-06	-1.34893D-05	1.80087D-07	3.13850D-07	2.30397D-07	3.59158D-06
90	-3.72477D-06	1.26497D-05	5.00232D-06	1.30660D-05	-2.26178D-06	3.78295D-06
91	2.00167D-06	2.61868D-05	9.57194D-07	-6.86934D-07	-6.82387D-08	4.07778D-06
93	-2.31849D-03	2.41794D-03	1.01058D-03	1.57339D-04	1.18277D-04	-1.24735D-04
94	-9.15536D-03	2.05126D-02	3.41499D-03	5.52279D-04	1.31416D-04	-3.52053D-04
95	9.97484D-02	4.55011D-02	1.87282D-01	2.45118D-03	-3.18352D-04	-2.93642D-03
96	9.90113D-02	-1.90425D-03	1.91843D-01	2.22801D-03	-3.12096D-04	-2.62459D-03
97	1.02630D-01	1.30616D-02	1.92781D-01	2.21867D-03	-1.52982D-04	-2.89582D-03
98	1.03132D-01	-2.73725D-08	1.93771D-01	2.14078D-03	-5.39454D-05	-2.87113D-03
99	-1.27137D-02	-1.00126D-01	5.38526D-02	1.51099D-03	7.90752D-04	-2.73600D-04
100	-2.36909D-02	-7.22870D-02	4.28860D-02	1.43065D-03	3.89573D-04	1.36252D-04
101	-2.83493D-02	-3.41353D-02	3.89422D-02	1.23649D-03	4.53300D-05	5.08351D-04
102	-2.76350D-02	-7.22317D-03	3.99648D-02	9.66273D-04	-1.19158D-04	5.33243D-04
103	-3.67872D-02	-2.03293D-02	5.20919D-02	1.26130D-03	-5.45817D-05	9.19079D-04
104	1.44037D-02	1.07888D-02	5.53877D-02	-1.88968D-04	-3.91797D-04	-2.36563D-04
105	2.26658D-02	6.95041D-03	5.53982D-02	-1.61967D-04	-3.97947D-04	-2.51837D-04
106	3.00063D-02	6.34576D-03	5.30537D-02	-1.23068D-04	-4.01218D-04	-2.73446D-04
107	3.09610D-02	3.21935D-03	5.53477D-02	-1.74179D-04	-4.16377D-04	-2.23159D-04
108	5.14579D-02	-2.15983D-05	3.60657D-02	-1.42170D-04	-6.51497D-04	-9.93229D-06
109	5.09974D-02	-1.16498D-03	3.60963D-02	-1.25077D-04	6.08730D-04	1.92615D-03
110	4.83760D-02	-1.52384D-03	3.61092D-02	-7.41383D-05	1.02064D-03	2.75590D-03
111	4.20270D-02	-1.66805D-03	3.61296D-02	5.99999D-05	1.51435D-03	4.06968D-03
112	3.21369D-02	-9.98117D-04	3.61455D-02	1.94200D-04	1.69026D-03	4.91610D-03
113	-1.30456D-01	-9.80966D-03	5.57165D-02	8.08883D-04	1.81222D-03	6.37680D-03
114	2.18643D-02	-1.77143D-04	3.61464D-02	1.04109D-04	1.72463D-03	4.92154D-03
115	1.72958D-02	-1.16680D-05	3.61470D-02	5.30691D-05	1.74415D-03	4.92620D-03

116	1.13608D-02	4.08809D-05	3.61477D-02	1.09111D-05	1.76018D-03	4.93219D-03
117	5.38544D-03	3.16085D-08	3.61480D-02	-2.28545D-06	1.76620D-03	4.93219D-03
118	2.44923D-02	4.08722D-05	3.62217D-02	-5.99959D-05	1.72128D-03	5.06013D-03
119	-8.08317D-03	-1.73977D-05	3.61483D-02	-2.28587D-06	1.76640D-03	4.93219D-03
120	5.22027D-02	4.08540D-05	3.68262D-02	-1.48744D-04	1.64163D-03	5.22138D-03
121	6.85942D-02	-3.50119D-04	3.74278D-02	-1.53721D-04	1.63573D-03	5.23045D-03
122	5.14796D-02	-6.44342D-07	2.94289D-02	-1.42399D-04	-6.28877D-04	2.74927D-05
123	5.15174D-02	-1.38176D-03	1.80404D-02	-1.42834D-04	-5.57697D-04	8.69137D-05
124	5.15935D-02	-6.33461D-03	-3.20200D-03	-1.43934D-04	-2.96179D-04	5.12655D-05
125	5.16058D-02	-6.77001D-03	-5.87291D-03	-1.44163D-04	-2.26430D-04	1.04897D-05
126	5.16242D-02	-6.47227D-03	-9.72549D-03	-1.44447D-04	-1.30067D-04	-6.17503D-05
127	5.46953D-02	-6.83024D-03	-1.38845D-02	-1.55048D-04	-1.33440D-04	-1.01853D-04
128	5.15799D-02	-4.98997D-03	-1.13216D-02	-1.23169D-04	-2.14312D-05	-9.74331D-05
129	5.15631D-02	-4.38844D-03	-1.12931D-02	-1.12873D-04	3.13252D-05	-1.21864D-04
130	5.28488D-02	-1.90354D-03	-1.04120D-02	-1.04648D-04	1.20219D-04	-2.49664D-04
131	4.94261D-02	-3.78076D-03	-1.04214D-02	-7.61429D-05	2.28238D-04	-1.75895D-04
132	1.24929D-02	-3.58247D-08	2.071[illegible]4D-03	-1.63051D-05	2.55412D-04	-1.66466D-04
133	8.76835D-03	9.54373D-03	4.85642D-03	-2.62808D-05	-1.12752D-04	9.69334D-05
134	5.47746D-02	4.44783D-07	-1.04039D-0[illegible]	-1.45827D-04	1.18440D-04	-3.65251D-04
135	5.68398D-02	2.60254D-03	-1.03962D-02	-1.90508D-04	9.39424D-05	-4.67239D-04
136	5.85412D-02	6.98181D-03	-1.03874D-02	-2.17802D-04	1.71071D-05	-5.51551D-04
137	7.48677D-02	8.32236D-03	-1.65301D-02	-2.30285D-04	1.96511D-05	-6.06807D-04
138	5.76999D-02	1.15889D-02	-1.035[illegible]8D-02	-2.18156D-04	-9.47614D-05	-5.23476D-04
139	3.44193D-02	6.33801D-03	9.99191D-03	-1.83317D-04	-7.06831D-04	-3.90407D-04
140	8.17331D-03	1.33380D-07	3.62612D-02	-1.38751D-04	-7.80020D-04	-3.07949D-04
141	1.53076D-03	-1.34199D-03	4.29065D-02	-1.24677D-04	-7.54232D-04	-2.90600D-04
142	2.44084D-03	-3.04772D-03	4.38524D-02	-1.14144D-03	2.35662D-04	9.20697D-04
143	1.49238D-03	-3.42409D-03	4.29191D-02	-1.55761D-03	5.54270D-04	1.45921D-03
144	-1.20082D-03	-3.41880D-03	4.02498D-02	-2.19282D-03	9.28546D-04	2.33593D-03
145	-5.57416D-03	-2.44948D-03	3.58951D-02	-2.58077D-03	1.05287D-03	2.92209D-03
146	-1.08017D-01	-6.08738D-03	-4.25427D-02	-3.05663D-03	1.10365D-03	4.12307D-03
147	-1.01207D-02	-1.21718D-03	3.13486D-02	-2.62429D-03	1.08240D-03	2.88465D-03
148	-1.21550D-02	-8.02426D-04	2.93149D-02	-2.64990D-03	1.09911D-03	2.86427D-03
149	-1.48073D-02	-3.71447D-04	2.66634D-02	-2.67233D-03	1.11280D-03	2.84856D-03
150	-1.74834D-02	1.99787D-08	2.39876D-02	-2.67821D-03	1.11786D-03	2.84268D-03
151	-7.28262D-03	-3.71458D-04	3.38379D-02	-2.78286D-03	1.08194D-03	2.88146D-03
152	-2.35115D-02	8.87001D-04	1.79598D-02	-2.67819D-03	1.11796D-03	2.84270D-03
153	8.33796D-03	-3.71478D-04	4.92373D-02	-2.92186D-03	1.01874D-03	2.92328D-03
154	1.80151D-02	-3.76585D-04	5.89264D-02	-2.92968D-03	1.01406D-03	2.92564D-03
155	-1.97649D-02	-1.14406D-07	4.79567D-02	1.15367D-04	-1.89259D-04	-2.92453D-04
156	-2.16704D-02	2.43157D-03	4.62265D-02	3.00177D-04	-2.42268D-06	-2.87079D-04
157	-2.14682D-02	1.85749D-03	4.64994D-02	3.63368D-04	9.10058D-06	-2.80536D-04
158	-1.42466D-02	7.85473D-04	5.73831D-02	4.05407D-04	5.97694D-06	-2.70056D-04
159	-2.13112D-02	5.95206D-04	4.66343D-02	3.56907D-04	6.77050D-06	-2.79753D-04
160	-2.12536D-02	-4.35301D-08	4.66535D-02	3.45336D-04	-1.10692D-05	-2.70822D-04
161	-2.46945D-02	-1.09939D-03	4.17279D-02	3.02616D-04	-1.78219D-04	-2.07214D-04
162	-3.44430D-02	-1.09382D-08	2.20729D-02	2.64661D-04	-3.03576D-04	-1.19069D-04
163	-3.61484D-02	1.48903D-04	1.73501D-02	2.58314D-04	-2.89266D-04	-1.00218D-04
164	-3.71406D-02	2.17813D-04	1.42530D-02	2.53670D-04	-2.71058D-04	-8.79468D-05
165	-4.05704D-02	2.43224D-04	1.85416D-03	2.25475D-04	-1.20547D-04	-3.35723D-05
166	2.71099D-02	-3.82657D-02	2.36278D-02	-2.34316D-03	-5.89749D-04	4.46187D-04
167	1.98834D-02	-3.82453D-02	-1.65240D-02	-2.34933D-03	-5.88225D-04	4.14089D-04
168	2.30714D-02	-3.74891D-02	2.58975D-03	-2.34467D-03	-5.85216D-04	3.83930D-04
169	2.14907D-02	-3.41767D-02	-4.56792D-03	-2.31518D-03	-5.20718D-04	1.01495D-04
170	1.81841D-02	-9.02315D-03	-1.93250D-02	-2.19115D-03	-3.23270D-04	-4.81123D-04
171	1.66693D-02	-9.02370D-03	-1.20324D-02	-2.21065D-03	-3.23270D-04	-4.38696D-04
172	1.55270D-02	-9.02413D-03	-6.07251D-03	-2.22211D-03	-3.23270D-04	-4.15251D-04
173	1.34099D-02	-9.02434D-03	5.32156D-03	-2.22370D-03	-3.23270D-04	-4.12407D-04
174	1.06306D-02	-9.02438D-03	2.03402D-02	-2.22552D-03	-3.23270D-04	-4.11458D-04
175	1.77712D-02	-3.24661D-03	-2.11331D-02	-2.16431D-03	-2.99645D-04	-5.47026D-04

176	4.87592D-03	1.43281D-02	-1.75895D-08	-1.95549D-03	-2.46364D-04	-1.04248D-03
177	-6.99349D-04	-3.05732D-08	1.08100D-02	-7.73062D-04	-1.95372D-04	-9.08195D-05
178	-7.21833D-04	-1.95211D-02	6.57351D-09	-4.40340D-04	-6.06925D-05	4.40245D-04
179	-3.65176D-03	1.34819D-09	1.20527D-02	1.72422D-04	-7.00509D-06	-5.83918D-04
180	-1.63979D-04	4.90567D-02	5.44224D-04	6.46827D-05	-6.70159D-05	1.37980D-04
181	-3.11705D-06	4.72949D-02	1.01895D-05	3.81104D-05	-4.60742D-05	2.54287D-04
182	-8.21773D-05	4.09968D-03	1.61106D-04	1.00863D-04	6.61786D-07	3.34266D-04
183	-8.39700D-05	2.09463D-03	1.63351D-04	1.05830D-04	-6.59469D-07	3.21604D-04
184	-2.28820D-03	-2.14165D-04	1.02232D-03	1.16946D-04	-1.29213D-05	2.81904D-04
185	-7.50949D-05	-2.31279D-03	1.27752D-04	1.18771D-04	-3.03021D-06	2.88785D-04
186	5.13887D-06	-2.75188D-03	4.48219D-06	1.54488D-04	7.06777D-08	1.06529D-04
187	2.76218D-06	-2.28678D-03	5.33629D-06	1.42868D-04	3.85919D-07	1.04056D-04
188	-1.78027D-06	-1.93213D-03	8.21484D-06	1.29951D-04	6.92278D-07	1.03520D-04
189	-2.22275D-04	-5.22391D-04	5.98563D-05	1.81315D-05	4.04842D-06	4.84868D-05
190	-4.14165D-02	1.14734D-08	-7.35078D-08	1.56321D-04	-3.44565D-05	-6.32802D-08
191	-4.15947D-02	-2.66021D-09	-1.61447D-02	7.86415D-05	-4.57848D-05	1.85348D-05
192	-4.15931D-02	-1.28461D-04	-1.64027D-02	7.55651D-05	-3.30476D-05	2.13892D-05
193	-4.14364D-02	-3.91597D-04	-1.59166D-02	8.71813D-05	7.96425D-07	-6.26988D-05
194	-1.61194D-02	-1.99195D-03	-4.92502D-03	-8.91657D-05	3.46477D-04	1.51095D-04
195	-3.92285D-03	-4.83542D-04	-1.19831D-03	-4.58852D-05	2.13292D-04	6.39424D-05
196	-1.24991D-04	-4.22435D-04	-3.04053D-03	7.85401D-05	1.41152D-04	-4.92112D-04
197	8.17585D-03	-4.49882D-04	-1.75779D-03	7.56509D-05	1.42661D-04	-4.90607D-04
198	2.18462D-03	-1.01230D-03	-2.84269D-03	7.26318D-05	1.44183D-04	-4.82472D-04
199	-4.48230D-03	-4.46144D-04	-1.37052D-03	-6.52110D-05	1.76463D-04	-1.34623D-04
200	-5.35464D-03	1.00482D-03	1.47686D-03	-5.67485D-05	1.52037D-04	-7.57856D-05
201	-5.58222D-03	1.00478D-03	1.67880D-03	-6.39926D-05	1.48736D-04	-6.32003D-05
202	-5.70583D-03	1.00475D-03	1.81445D-03	-6.66931D-05	1.46680D-04	-5.77655D-05
203	-6.08760D-03	1.12565D-03	2.63227D-03	-6.78992D-05	1.39320D-04	-5.19233D-05
204	-6.38743D-03	1.36589D-03	3.61576D-03	-6.34852D-05	1.24480D-04	-5.41155D-05
205	-6.62104D-03	1.61714D-03	4.38406D-03	-5.75422D-05	1.17143D-04	-6.28892D-05
206	-6.09754D-03	1.61675D-03	3.90125D-03	-4.37952D-05	1.20024D-04	-2.89019D-05
207	-7.01515D-03	1.19444D-03	6.89804D-03	-2.43972D-06	4.04768D-05	2.36918D-05
208	-6.07714D-03	2.61462D-08	3.85203D-03	1.53562D-04	-5.29423D-05	2.58816D-05
209	-7.96435D-02	1.21068D-05	8.00614D-02	-5.60138D-04	-1.66103D-04	1.97792D-03
210	-7.82018D-02	1.92480D-03	8.06786D-02	-5.74960D-04	-1.98023D-04	1.99603D-03
211	-1.22118D-01	3.60363D-03	6.89962D-02	-5.51104D-04	-1.99436D-04	2.03833D-03
212	-7.63813D-02	3.65003D-03	8.14219D-02	-6.02234D-04	-2.30315D-04	1.97359D-03
213	-5.73077D-02	1.72393D-07	8.92336D-02	-8.99266D-04	-6.82752D-04	1.60766D-03
214	6.21590D-02	2.23131D-08	6.10021D-02	-5.68623D-04	4.04769D-04	-1.06177D-03
215	-3.66886D-03	-1.12699D-02	1.78128D-02	8.75406D-04	-2.45195D-04	-1.56058D-04
216	-1.19213D-03	-1.60371D-03	1.51010D-02	8.11368D-04	-2.75084D-04	-1.17365D-04
217	-1.20284D-03	-4.11619D-03	1.98357D-02	8.94143D-04	-2.19086D-04	-1.13127D-04
218	1.68544D-03	-4.00960D-03	1.60800D-07	8.50627D-04	-2.21256D-04	2.01296D-04
219	1.85550D-02	-4.01474D-03	-5.64990D-02	5.28464D-04	-4.92075D-04	1.91369D-04
220	1.89377D-02	-4.01474D-03	-5.75527D-02	5.25921D-04	-4.93773D-04	1.90841D-04
221	1.90887D-02	-2.87090D-03	-5.50147D-02	5.25928D-04	-4.93619D-04	1.90835D-04
222	1.93186D-02	-4.01472D-03	-5.85991D-02	5.23407D-04	-4.95619D-04	1.90314D-04
223	2.22227D-02	-4.01401D-03	-6.62802D-02	4.52530D-04	-5.54473D-04	1.74621D-04
224	2.25709D-02	-4.01398D-03	-6.71795D-02	4.50607D-04	-5.56318D-04	1.74167D-04
225	2.27305D-02	-2.97611D-03	-6.42833D-02	4.50615D-04	-5.56139D-04	1.74161D-04
226	2.29173D-02	-4.01392D-03	-6.80723D-02	4.48778D-04	-5.58336D-04	1.73736D-04
227	1.06916D-02	-1.60635D-03	-3.06688D-02	1.28939D-05	-8.21387D-04	4.83715D-05
228	-1.17081D-03	-1.23799D-07	1.09516D-02	7.42203D-04	-3.08393D-04	-9.11952D-05
229	-1.57357D-03	6.06466D-04	4.24902D-03	5.93599D-04	-3.09580D-04	-5.78121D-05
230	-1.78561D-03	6.06449D-04	2.01291D-03	5.29359D-04	-3.01143D-04	-4.86781D-05
231	-6.69084D-08	2.63566D-03	4.25833D-08	2.10968D-04	-4.89212D-04	-3.66040D-05
232	-1.94124D-03	2.28425D-03	3.36799D-03	-1.16840D-04	-1.50570D-04	-5.68928D-07
233	-1.93989D-03	2.28347D-03	3.13334D-03	-1.17090D-04	-1.49897D-04	-8.05124D-07
234	-2.75436D-03	2.91983D-03	3.12638D-03	-1.17099D-04	-1.49905D-04	-8.05879D-07
235	-1.93797D-03	2.28266D-03	2.89809D-03	-1.17319D-04	-1.49217D-04	-1.04025D-06

236	-7.34107D-10	6.05060D-04	-4.57015D-09	-1.52259D-04	-7.41492D-05	2.51469D-05
237	2.46246D-05	6.05038D-04	1.50143D-04	-1.49264D-04	-7.20401D-05	2.42747D-05
238	1.66826D-04	6.05002D-04	1.03362D-03	-1.45632D-04	-6.93189D-05	2.31818D-05
239	1.66837D-04	4.59240D-04	5.97280D-04	-1.45632D-04	-6.92781D-05	2.31505D-05
240	3.02784D-04	6.04937D-04	1.89639D-03	-1.42437D-04	-6.66987D-05	2.22148D-05
241	-1.06010D-05	1.36043D-05	1.50121D-04	3.55339D-05	3.69116D-06	-2.03793D-07
242	-8.01653D-06	2.49622D-05	9.39296D-06	2.18049D-05	1.56368D-06	2.00580D-06
243	-8.10947D-06	2.21593D-07	1.51388D-05	2.13567D-05	-1.19876D-07	2.33721D-06
244	-1.49820D-06	-1.26982D-05	1.51670D-07	-2.76490D-07	1.81156D-07	2.94906D-06
245	-6.12808D-07	-8.08055D-06	1.03949D-07	-7.31069D-07	1.22616D-07	2.12007D-06
246	-1.39779D-05	-8.08107D-06	-4.50456D-06	-7.31376D-07	1.22616D-07	2.12102D-06
247	-5.03311D-08	-2.31489D-06	5.65045D-08	-6.58132D-07	7.17686D-08	1.28872D-06
248	1.89009D-06	2.41947D-05	8.06464D-07	-1.24205D-06	2.95259D-08	3.34813D-06
249	1.22559D-06	1.37387D-05	5.53337D-07	-1.56856D-06	1.06009D-07	2.40673D-06
250	-1.39454D-05	1.37396D-05	-9.33433D-06	-1.56920D-06	1.06009D-07	2.40768D-06
251	3.60189D-07	3.32887D-06	3.00781D-07	-1.22491D-06	9.82341D-08	1.46297D-06
252	7.91204D-04	-1.74083D-03	-3.26479D-03	5.42912D-05	1.54795D-04	-4.32689D-04

M O D A L A N A L Y S I S

MODE NUMBER 12
FREQUENCY= 14.0241 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
2	-2.90575D-02	1.20483D-02	7.71050D-03	1.75493D-04	4.20017D-04	8.25137D-05
3	-3.63916D-02	1.28864D-02	9.43274D-03	-7.24616D-05	3.68643D-04	1.51637D-04
4	-3.92319D-02	1.28996D-02	7.96885D-03	-8.51619D-05	3.41003D-04	1.47022D-04
5	-4.13938D-02	1.28757D-02	4.74543D-03	-1.06339D-04	2.79059D-04	-2.20922D-05
6	-4.24659D-02	6.75839D-03	9.66661D-04	-1.50429D-04	5.38643D-05	-2.86117D-04
7	-4.23370D-02	-1.30163D-02	1.13612D-03	-1.45803D-04	-6.82803D-05	-3.86691D-04
8	-3.07232D-02	-4.61830D-02	1.59073D-02	1.64017D-04	-1.36378D-04	-1.29133D-04
9	-3.62795D-02	-9.07089D-03	1.04407D-02	4.92238D-04	2.78702D-04	2.29173D-04
10	-4.07021D-02	-1.92842D-07	6.11034D-03	3.85796D-04	3.63713D-04	2.60538D-04
11	-6.44209D-02	1.67833D-02	-9.80261D-03	-2.29342D-04	-3.58152D-04	4.48820D-04
12	-2.49496D-02	9.22058D-07	-9.75144D-03	-1.80268D-04	-6.16017D-04	2.01782D-04
13	-1.38182D-02	-1.79043D-03	-1.90071D-02	-8.33602D-05	-3.36871D-04	-7.24923D-05
14	-1.33865D-02	-3.98759D-03	-3.47926D-02	-1.30426D-04	3.58581D-05	1.32129D-05
15	-9.38526D-03	-3.82363D-03	-3.46457D-02	8.00522D-05	-4.11165D-05	-3.67227D-05
16	-9.92068D-03	-6.42218D-04	-3.27402D-02	1.03624D-04	1.44599D-04	-4.35355D-05
17	-9.73055D-03	-4.62308D-04	-1.80669D-02	9.69911D-05	1.81884D-04	2.22738D-05
18	-8.39849D-03	-1.39849D-03	-1.50584D-02	9.43179D-05	2.16833D-04	1.94725D-05
19	-5.73648D-03	-2.71200D-03	-1.24346D-02	9.04522D-05	2.15865D-04	1.49138D-05
20	-4.41666D-03	-3.36277D-03	-9.47422D-03	7.91293D-05	1.74503D-04	-2.55758D-06
21	-4.29165D-03	-2.09353D-03	-2.04937D-03	4.97358D-05	9.66612D-05	-5.31578D-05
22	-2.41730D-03	-8.72215D-05	-2.65323D-04	1.56057D-05	1.30100D-05	-9.98464D-05
23	-3.58334D-10	3.46635D-11	-1.53129D-11	1.39212D-09	-1.88950D-09	-1.41993D-08
25	-2.26959D-02	-3.18729D-03	-7.16950D-03	-8.87534D-05	3.62296D-04	1.72037D-04
26	-3.46231D-02	-2.69142D-03	-8.67348D-03	7.77705D-05	2.88874D-04	2.56389D-04
27	-3.75250D-02	-2.69615D-03	-7.78003D-03	8.34190D-05	2.63262D-04	2.55264D-04
28	-4.14941D-02	-2.17881D-04	-6.96463D-03	2.62283D-04	-1.76447D-05	1.98031D-05
29	-4.15011D-02	-8.13446D-05	-6.66036D-03	2.66794D-04	-3.47861D-05	9.54606D-06
30	-4.09257D-02	4.56010D-04	-1.27820D-02	4.58699D-04	7.79605D-05	-1.23438D-05
31	-7.46320D-03	6.28557D-04	8.55269D-02	6.98752D-04	7.68053D-04	-5.75678D-04
32	-6.76128D-02	-2.11497D-03	2.47384D-02	1.53213D-04	6.89361D-04	-4.82540D-04
33	-7.17001D-02	-3.15286D-03	1.94812D-02	-1.02961D-04	-4.23746D-04	-3.67901D-04
34	-2.14552D-02	1.40729D-02	-3.18651D-02	-1.16750D-04	-5.05199D-04	-2.24312D-04
35	-1.63317D-02	1.30657D-02	-3.44883D-02	-1.87982D-04	-2.04653D-04	-1.54509D-04
36	-4.20227D-02	6.85465D-03	7.18294D-04	-1.61292D-04	2.55776D-05	-2.85655D-04
37	-3.90588D-02	6.71092D-03	-4.07536D-04	-8.20068D-05	1.94524D-05	-3.66011D-04
38	-3.92977D-03	6.75624D-03	8.68074D-05	9.85241D-05	3.45697D-05	-1.04862D-04
39	-3.38514D-03	3.10239D-03	2.40111D-03	1.86840D-04	3.30575D-05	1.15296D-04
40	-1.60874D-03	1.30088D-03	7.07138D-04	2.34001D-04	2.16442D-05	2.09952D-04
41	-1.30889D-04	1.30184D-03	-9.45161D-04	2.36755D-04	2.17931D-05	2.07974D-04
42	1.38196D-03	3.57373D-03	-3.16660D-03	2.55969D-04	3.24221D-05	1.85392D-04
43	8.45839D-04	7.77791D-03	-3.16706D-03	2.53393D-04	3.27653D-05	1.76823D-04
44	5.46314D-04	8.43117D-03	-2.86437D-03	2.39251D-04	3.43195D-05	1.68351D-04
45	5.41221D-04	-6.88865D-03	-1.68576D-03	1.19179D-04	-2.68727D-05	-6.79752D-05
46	5.50442D-04	-6.63556D-03	-1.75069D-03	1.19606D-04	-2.18161D-05	-8.64681D-05
47	9.05048D-04	5.46834D-03	-2.12350D-03	-1.88185D-04	4.77485D-05	-2.45714D-04
48	7.33559D-04	6.05809D-03	-1.83669D-03	-2.15068D-04	3.21437D-05	-1.91067D-04
49	-6.00389D-04	2.01586D-03	-5.58892D-04	-6.87108D-05	-9.22792D-06	-9.26818D-05
50	-6.38009D-05	8.15377D-04	-4.56563D-04	-3.12750D-05	-2.87609D-05	-5.26956D-05
51	5.47622D-05	4.69947D-04	-3.22621D-04	-3.18492D-05	-2.77909D-05	-4.82412D-05

52	-2.40248D-06	-8.41374D-07	-5.06806D-06	-3.17086D-07	-2.80380D-06	-8.20122D-07
53	-6.37410D-12	-7.02327D-12	-6.99042D-12	-4.97017D-11	-2.42985D-10	-7.96469D-11
54	-8.67448D-03	-1.03965D-04	4.16513D-03	-4.40389D-05	-2.83074D-04	-3.47262D-04
55	6.44179D-04	-5.66542D-03	6.98815D-03	-9.29589D-05	-2.68992D-04	-2.81759D-04
56	4.18292D-03	-5.84629D-03	4.85027D-03	-1.95032D-04	-3.74481D-04	-1.89533D-04
57	8.42379D-03	1.56755D-04	-9.65455D-03	-3.00862D-04	1.52872D-04	-1.31659D-04
58	5.86952D-03	1.12902D-03	-6.36687D-03	-2.07404D-04	8.18343D-05	-2.91214D-04
59	1.21158D-03	1.26810D-03	-3.16336D-03	-1.88387D-04	4.71163D-05	-2.72301D-04
60	-4.06533D-02	-9.11871D-03	2.41608D-02	6.43770D-04	2.88582D-05	1.74979D-04
61	-3.44022D-02	-3.07667D-03	3.60061D-02	3.38127D-04	-7.12277D-04	-4.27297D-04
62	2.02017D-02	-6.96657D-04	5.81263D-02	9.54848D-06	-4.56390D-04	-2.77979D-04
63	2.01554D-02	-4.27186D-03	5.38868D-02	-6.12533D-05	8.73805D-04	-1.41389D-04
64	2.02624D-02	-9.23119D-03	-2.55271D-02	-3.40727D-04	1.06446D-03	-1.23209D-05
65	1.87066D-02	-8.43541D-03	-4.29199D-02	-2.83797D-04	6.52624D-04	1.97206D-04
66	1.18880D-02	-8.41973D-03	-5.15815D-02	-2.64195D-04	4.28062D-04	2.76012D-04
67	2.81651D-03	-2.18046D-03	-5.35707D-02	4.62119D-04	-8.53242D-05	6.34273D-04
68	3.01358D-02	8.36219D-02	-3.76827D-02	-6.53017D-04	9.00323D-05	5.56888D-04
69	2.75323D-02	7.57919D-02	-3.81816D-02	-1.63172D-03	5.95485D-04	2.68821D-04
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71	-5.35496D-03	-6.98687D-03	-5.06316D-02	-2.50824D-03	1.49327D-03	-7.53983D-04
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73	-1.30514D-01	-1.19393D-02	3.60500D-01	-2.60790D-03	3.12083D-03	-6.57135D-04
74	-1.09024D-01	-8.24954D-03	3.11892D-01	-4.40729D-04	4.80607D-03	-3.50789D-06
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77	-2.17620D-03	-1.31304D-03	8.73959D-03	-1.55848D-03	7.48142D-04	3.75648D-05
78	-4.05725D-04	-6.77316D-04	1.85630D-03	-6.28700D-04	9.67668D-04	-1.22880D-04
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80	2.50180D-04	1.21380D-04	-1.18985D-05	-1.62206D-06	3.28018D-05	-3.29527D-06
82	2.14507D-04	-2.15295D-04	-6.37251D-03	4.37945D-04	1.37809D-04	1.40610D-05
83	1.61338D-04	1.96751D-04	-8.43623D-03	1.72424D-04	-3.88512D-05	-3.79899D-05
84	5.02922D-04	2.46534D-04	-7.47298D-03	3.75851D-05	-6.18490D-05	-2.52246D-05
85	4.75249D-04	5.87658D-05	-6.77455D-03	-1.13880D-04	-9.66637D-05	-1.92976D-05
86	2.33506D-05	5.11830D-05	-4.51502D-05	-7.81748D-05	-4.72832D-06	-1.26441D-05
87	1.58658D-05	8.87431D-06	-5.22208D-06	-3.91007D-05	-3.49732D-06	-1.26200D-05
88	6.58415D-06	5.53146D-05	-2.46859D-07	3.17222D-07	-7.47433D-07	-1.24186D-05
90	1.08860D-05	6.67016D-05	-1.49379D-05	-4.31397D-05	6.63965D-06	-9.41301D-06
91	-6.06167D-06	-6.89043D-06	-2.91082D-06	-3.50070D-06	1.92914D-07	-1.05625D-05
93	-4.41387D-03	1.98380D-03	1.15804D-03	1.08151D-04	2.39544D-04	1.30196D-05
94	-2.08101D-02	8.87579D-03	5.51497D-03	1.76977D-04	4.09467D-04	5.63695D-05
95	-4.21029D-02	1.01564D-02	1.63327D-03	-1.47706D-04	7.67064D-05	-2.61092D-04
96	-4.21544D-02	6.80534D-03	7.92952D-04	-1.60130D-04	3.25426D-05	-2.84166D-04
97	-4.26958D-02	3.08052D-03	5.35495D-04	-1.52646D-04	3.03733D-05	-3.13361D-04
98	-4.27837D-02	-9.49119D-08	3.65042D-04	-1.54800D-04	1.05962D-05	-3.35489D-04
99	-2.81417D-02	-3.91607D-02	1.82938D-02	3.39872D-04	1.34613D-05	5.83115D-05
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101	-3.41642D-02	-1.47121D-02	1.24495D-02	4.83721D-04	2.46031D-04	2.17753D-04
102	-3.88585D-02	-3.41063D-03	7.91891D-03	4.30973D-04	3.36606D-04	2.52128D-04
103	-3.84471D-02	-9.09314D-03	1.63347D-02	5.92259D-04	1.63717D-04	2.02459D-04
104	-6.09431D-02	1.47168D-02	-9.80141D-03	-2.51900D-04	-4.91500D-04	4.62138D-04
105	-4.98273D-02	9.28697D-03	-9.80039D-03	-2.61183D-04	-5.72192D-04	4.69723D-04
106	-6.39946D-02	1.04875D-02	-1.58951D-02	-2.75262D-04	-5.71007D-04	5.27187D-04
107	-3.67208D-02	3.91351D-03	-9.77747D-03	-2.37455D-04	-6.25824D-04	3.60430D-04
108	-1.37985D-02	-9.76148D-04	-2.15225D-02	-9.66043D-05	-3.09660D-04	-7.87436D-05
109	-1.14065D-02	-1.11856D-03	-2.15439D-02	8.39941D-06	-3.67584D-04	-1.93033D-04
110	-1.02668D-02	-1.03012D-03	-2.15529D-02	1.85217D-05	-3.87790D-04	-2.42014D-04
111	-8.35052D-03	-9.17184D-04	-2.15671D-02	-8.28184D-06	-4.13804D-04	-3.19568D-04
112	-5.82311D-03	-1.05926D-03	-2.15782D-02	-6.38410D-05	-4.25087D-04	-3.69534D-04
113	6.44701D-03	-9.14095D-04	-3.20575D-02	-4.96193D-04	-4.56481D-04	-4.55588D-04
114	-3.29026D-03	-1.08821D-03	-2.15789D-02	2.87202D-05	-4.20536D-04	-3.69954D-04
115	-2.19180D-03	-9.02004D-04	-2.15704D-02	8.10047D-05	-4.18050D-04	-3.70314D-04

116	-7.87096D-04	-4.98813D-04	-2.15799D-02	1.23970D-04	-4.16100D-04	-3.70778D-04
117	6.13641D-04	-3.26770D-08	-2.15801D-02	1.37646D-04	-4.15558D-04	-3.70778D-04
118	-1.77466D-03	-4.98811D-04	-2.19851D-02	1.79138D-04	-4.13107D-04	-3.80668D-04
119	3.78301D-03	1.04972D-03	-2.15803D-02	1.37676D-04	-4.15668D-04	-3.70778D-04
120	-3.86029D-03	-4.98803D-04	-2.31675D-02	2.48210D-04	-4.06978D-04	-3.93109D-04
121	-4.36842D-03	1.44803D-04	-2.41572D-02	2.52082D-04	-4.06524D-04	-3.93806D-04
122	-1.37738D-02	-7.66527D-07	-2.43802D-02	-1.14517D-04	-2.83246D-04	-6.48752D-05
123	-1.37258D-02	7.54551D-04	-2.94041D-02	-1.48550D-04	-2.34949D-04	-2.09241D-05
124	-1.35981D-02	-3.26355D-04	-3.69712D-02	-2.34530D-04	-6.51287D-05	5.18315D-05
125	-1.35704D-02	-9.12417D-04	-3.74238D-02	-2.52442D-04	-2.30459D-05	6.00625D-05
126	-1.35249D-02	-2.28363D-03	-3.73579D-02	-2.74654D-04	3.06093D-05	6.57133D-05
127	-1.57434D-02	-2.99591D-03	-4.58439D-02	-3.15483D-04	3.17822D-05	7.96578D-05
128	-1.34577D-02	-3.46994D-03	-3.60176D-02	-2.13822D-04	5.87502D-05	4.50360D-05
129	-1.34327D-02	-3.71432D-03	-3.55480D-02	-1.84388D-04	5.70705D-05	3.41474D-05
130	-1.27967D-02	-2.55647D-03	-3.47654D-02	-1.41932D-04	4.10313D-05	-7.57965D-06
131	-1.34541D-02	-5.10797D-03	-3.47749D-02	-8.33191D-05	-5.66877D-06	5.98535D-06
132	-9.89177D-03	-1.98419D-07	-3.02571D-02	1.02557D-04	1.53607D-04	-2.98780D-05
133	-4.38181D-03	-3.26990D-03	-6.96242D-03	7.08464D-05	1.53500D-04	-1.29638D-05
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135	-1.19773D-02	2.84454D-03	-3.46792D-02	-2.05219D-04	-2.96584D-05	-6.80670D-05
136	-1.30170D-02	7.43756D-03	-3.46375D-02	-2.30915D-04	-8.39156D-05	-9.15063D-05
137	-1.09672D-02	8.00817D-03	-4.19964D-02	-2.68535D-04	-8.67058D-05	-8.22140D-05
138	-1.53099D-02	1.19086D-02	-3.45277D-02	-2.00528D-04	-1.58527D-04	-1.33845D-04
139	-4.04069D-02	8.64790D-03	-1.25104D-02	-8.10068D-05	-6.99649D-04	-3.09974D-04
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141	-6.88438D-02	-1.85816D-03	1.65437D-02	-1.06983D-04	-5.18877D-04	-3.54654D-04
142	-6.54756D-02	-4.14842D-03	2.00022D-02	3.16336D-04	-8.13701D-04	-6.27551D-04
143	-6.36374D-02	-4.73037D-03	2.18786D-02	5.53656D-04	-9.05695D-04	-6.88550D-04
144	-6.03896D-02	-4.68472D-03	2.51865D-02	9.98057D-04	-1.00836D-03	-7.16591D-04
145	-5.60232D-02	-2.82948D-03	2.95999D-02	1.34560D-03	-1.03565D-03	-6.73428D-04
146	-4.88183D-02	-3.06390D-04	8.77137D-02	2.52340D-03	-1.00452D-03	-1.77982D-05
147	-5.15891D-02	-7.54893D-04	3.40378D-02	1.20352D-03	-1.05136D-03	-8.18432D-04
148	-4.96253D-02	-2.83108D-04	3.60033D-02	1.12358D-03	-1.06032D-03	-9.00883D-04
149	-4.70806D-02	-3.65828D-05	3.85500D-02	1.05829D-03	-1.06771D-03	-9.69396D-04
150	-4.45223D-02	7.14291D-08	4.11091D-02	1.03722D-03	-1.07049D-03	-9.90468D-04
151	-4.98217D-02	-3.66052D-05	3.58692D-02	9.91229D-04	-1.05298D-03	-1.10522D-03
152	-3.87498D-02	2.52189D-04	4.68824D-02	1.03722D-03	-1.07066D-03	-9.90463D-04
153	-5.63033D-02	-3.66510D-05	3.08075D-02	9.07471D-04	-1.02281D-03	-1.27548D-03
154	-5.95052D-02	-7.23516D-04	2.91000D-02	9.02772D-04	-1.02058D-03	-1.28503D-03
155	-6.26754D-02	-4.38116D-07	2.97623D-02	2.27967D-04	7.89769D-04	-5.07091D-04
156	-3.71103D-02	3.87816D-03	5.56776D-02	5.92959D-04	9.55221D-04	-5.72417D-04
157	-2.32183D-02	3.00505D-03	6.99910D-02	7.17069D-04	9.10404D-04	-5.84011D-04
158	-6.31257D-03	8.22282D-04	8.99544D-02	7.96702D-04	9.05333D-04	-5.78377D-04
159	-9.96759D-03	9.43280D-04	8.29818D-02	7.05910D-04	8.37047D-04	-5.81281D-04
160	-2.97454D-03	-8.61424D-08	9.01142D-02	6.87316D-04	6.24092D-04	-5.60602D-04
161	2.25898D-03	-1.77758D-03	9.48581D-02	6.22001D-04	-3.79974D-04	-4.23728D-04
162	-2.47024D-02	-1.83828D-08	4.18887D-02	5.63829D-04	-8.23072D-04	-2.46614D-04
163	-2.94404D-02	2.27530D-04	2.92645D-02	5.54210D-04	-7.57865D-04	-2.09780D-04
164	-3.20913D-02	3.28074D-04	2.13637D-02	5.47132D-04	-6.89822D-04	-1.85679D-04
165	-3.99687D-02	3.39545D-04	-8.33447D-03	5.03823D-04	-2.64708D-04	-7.67850D-05
166	-4.69768D-03	6.75578D-03	-5.93684D-04	9.59896D-05	3.44058D-05	-1.13085D-04
167	-2.88445D-03	6.78842D-03	1.08708D-03	9.86857D-05	3.45724D-05	-1.04450D-04
168	-3.87054D-03	7.37177D-03	3.57776D-04	1.01308D-04	3.46736D-05	-9.60943D-05
169	-3.76596D-03	7.78544D-03	8.00472D-04	1.25391D-04	3.47433D-05	-2.36791D-05
170	-3.47773D-03	4.82894D-03	2.01425D-03	1.75561D-04	3.33706D-05	9.91585D-05
171	-3.16705D-03	4.82929D-03	1.43285D-03	1.75563D-04	3.33706D-05	8.95931D-05
172	-2.93455D-03	4.82957D-03	9.60873D-04	1.75624D-04	3.33706D-05	8.43096D-05
173	-2.50495D-03	4.82970D-03	6.07391D-05	1.75649D-04	3.33706D-05	8.36694D-05
174	-1.94118D-03	4.82973D-03	-1.12547D-03	1.75771D-04	3.33706D-05	8.34600D-05
175	-3.43137D-03	3.98155D-03	2.20821D-03	1.81331D-04	3.31792D-05	1.07840D-04

176	-9.66005D-04	1.30129D-03	2.35428D-09	2.35314D-04	2.17080D-05	2.09537D-04
177	5.45629D-04	-1.50271D-09	-1.10936D-03	2.06754D-04	2.98265D-05	1.47920D-04
178	5.43863D-04	-7.95007D-03	-1.93210D-0[illegible]	1.62400D-04	-7.23696D-06	5.05524D-05
179	6.21620D-04	-1.14942D-08	-2.00518D-03	-4.76746D-05	2.03569D-05	9.05651D-05
180	1.25911D-04	-2.26303D-02	-4.09645D-04	-1.45002D-04	-3.32974D-05	-3.05940D-05
181	2.44070D-04	-2.24387D-02	-7.98113D-04	-1.36205D-04	-4.47611D-05	-9.43248D-05
182	1.39092D-03	-2.01633D-03	-3.80524D-03	-1.82842D-04	3.94523D-05	-2.80996D-04
183	1.31428D-03	-5.14259D-04	-3.52964D-03	-1.85191D-04	4.28142D-05	-2.77576D-04
184	3.37568D-03	1.27334D-03	-4.62436D-0[illegible]	-1.98514D-04	6.30172D-05	-2.89078D-04
185	1.09343D-03	2.96550D-03	-2.76240D-03	-1.88431D-04	4.84363D-05	-2.61581D-04
186	-5.54123D-04	2.38733D-03	-6.35566D-04	-1.62745D-04	1.17384D-05	-1.28607D-04
187	-6.32794D-04	2.02230D-03	-5.57540D-04	-1.49599D-04	9.04977D-06	-1.25797D-04
188	-6.89388D-04	1.76720D-03	-5.04084D-04	-1.35721D-04	6.54971D-06	-1.24531D-04
189	-4.14677D-06	6.42014D-04	-3.89925D-04	-3.15132D-05	-2.83740D-05	-5.04301D-05
190	-4.12507D-02	1.56785D-08	-1.26999D-07	3.98012D-04	1.08493D-04	7.62140D-06
191	-4.15040D-02	1.44720D-08	-5.81974D-03	2.79437D-04	-5.68019D-05	4.08347D-06
192	-4.15036D-02	-1.94472D-05	-6.17708D-03	2.74741D-04	-4.91771D-05	5.57891D-06
193	-4.13391D-02	-8.31478D-05	-4.32410 -03	2.33957D-04	-5.44816D-05	-5.19386D-05
194	-1.66374D-02	-2.59253D-03	-5.04478D-03	-8.57896D-05	3.54090D-04	1.35339D-04
195	-4.07927D-03	-7.20948D-04	-1.22886D-03	-5.26737D-05	2.20501D-04	5.45274D-05
196	-1.11204D-02	-1.03632D-04	4.46825D-03	-4.20622D-05	-2.80586D-04	-3.49670D-04
197	-5.11177D-03	-1.57625D-04	3.76436D-03	-4.34515D-05	-2.83052D-04	-3.46463D-04
198	-6.42457D-03	-1.30008D-03	4.85109D-03	-4.72403D-05	-2.84285D-04	-3.44186D-04
199	5.17504D-03	-4.80554D-03	1.58234D-03	-2.03100D-04	-3.72600D-04	-1.75439D-04
200	7.06197D-03	-3.11755D-03	-4.64000D-03	-2.18059D-04	-3.41511D-04	-1.51107D-04
201	6.59384D-03	-3.11756D-03	-3.93038D-03	-2.11285D-04	-3.40570D-04	-1.34623D-04
202	6.32411D-03	-3.11756D-03	-3.49814D-03	-2.08300D-04	-3.39984D-04	-1.28923D-04
203	6.21325D-03	-2.87123D-03	-3.96571D-03	-2.02803D-04	-3.33843D-04	-1.28855D-04
204	6.94692D-03	-2.34338D-03	-6.36250D-03	-1.99591D-04	-3.08769D-04	-1.36058D-04
205	7.53373D-03	-1.85437D-03	-8.28115D-03	-1.99257D-04	-2.91366D-04	-1.34276D-04
206	8.76102D-03	-1.85380D-03	-1.02510D-02	-2.32339D-04	-2.84721D-04	-1.30746D-04
207	1.10206D-02	-4.73173D-04	-1.77511D-02	-2.60425D-04	-1.10433D-04	-9.71271D-05
208	8.66903D-03	-9.22197D-09	-1.04366D-02	-3.00987D-04	1.55706D-04	-1.23347D-04
209	-2.14054D-02	-9.15417D-04	4.13768D-02	2.89805D-04	-7.65042D-04	-4.18258D-04
210	-1.49901D-02	6.57555D-05	4.39809D-02	2.88525D-04	-7.63969D-04	-4.15899D-04
211	-6.33654D-03	-3.33917D-04	5.12285D-02	3.09939D-04	-7.64745D-04	-4.13255D-04
212	-8.61328D-03	9.77493D-04	4.65546D-02	2.71129D-04	-7.59020D-04	-4.13517D-04
213	1.65591D-02	7.14069D-08	5.66687D-02	3.37875D-05	-5.24131D-04	-3.06817D-04
214	3.06550D-03	3.63087D-08	-5.34300D-02	4.68537D-04	-1.01746D-04	6.48190D-04
215	5.79282D-03	1.94145D-02	-3.81036D-02	-2.03426D-03	8.19464D-04	2.45137D-05
216	-2.29455D-03	-1.16219D-04	-2.94308D-02	-2.03064D-03	8.53833D-04	-2.63244D-05
217	-2.34788D-03	-1.36656D-03	-4.70896D-02	-2.32231D-03	9.55807D-04	-1.09977D-04
218	-2.49696D-02	-1.18665D-02	1.54449D-07	-3.51487D-03	1.55825D-03	-1.14493D-03
219	-1.10054D-01	-1.19340D-02	2.82018D-01	-3.04109D-03	2.74658D-03	-8.27378D-04
220	-1.11706D-01	-1.19343D-02	2.88098D-01	-3.03020D-03	2.75404D-03	-8.22917D-04
221	-1.12486D-01	-1.70271D-02	2.73970D-01	-3.03025D-03	2.75311D-03	-8.22994D-04
222	-1.13343D-01	-1.19345D-02	2.94141D-01	-3.01926D-03	2.76237D-03	-8.18425D-04
223	-1.25213D-01	-1.19393D-02	3.39524D-01	-2.69280D-03	3.02818D-03	-6.89003D-04
224	-1.26581D-01	-1.19395D-02	3.44889D-01	-2.68332D-03	3.03652D-03	-6.85399D-04
225	-1.27383D-01	-1.62144D-02	3.29145D-01	-2.68338D-03	3.03541D-03	-6.85476D-04
226	-1.27936D-01	-1.19395D-02	3.50219D-01	-2.67418D-03	3.04592D-03	-6.81920D-04
227	-5.62431D-02	-3.94220D-03	1.60854D-01	-2.94093D-04	4.30570D-03	1.24339D-05
228	-2.26037D-03	-5.82656D-08	-1.78077D-02	-1.88118D-03	8.19184D-04	7.10648D-06
229	-2.09855D-03	-1.95033D-04	-8.26501D-04	-1.50219D-03	7.66458D-04	2.19931D-05
230	-2.01204D-03	-1.95741D-04	4.81022D-03	-1.32789D-03	7.44791D-04	2.16616D-05
231	-1.02456D-07	-6.82049D-04	3.00382D-08	-6.07187D-04	9.60357D-04	-1.21226D-04
232	5.94038D-03	-1.07155D-03	-4.67483D-03	2.42923D-04	3.45001D-04	7.75346D-05
233	5.78409D-03	-1.07233D-03	-4.18700D-03	2.42676D-04	3.43778D-04	7.79415D-05
234	7.67215D-03	-2.40992D-03	-4.16423D-03	2.42685D-04	3.43804D-04	7.79431D-05
235	5.62664D-03	-1.07309D-03	-3.69951D-0[illegible]	2.42377D-04	3.42531D-04	7.83279D-05

236	7.57793D-10	-2.14421D-04	1.20433D-08	4.75856D-04	1.61789D-04	1.55998D-05
237	1.60071D-05	-2.14591D-04	-4.69954D-04	4.66747D-04	1.56372D-04	1.55213D-05
238	1.09201D-04	-2.14877D-04	-3.23407D-03	4.55502D-04	1.49383D-04	1.52509D-05
239	1.09210D-04	-3.11189D-04	-2.29466D-03	4.55502D-04	1.49193D-04	1.52765D-05
240	1.99732D-04	-2.15139D-04	-5.93278D-03	4.45300D-04	1.42863D-04	1.46501D-05
241	6.89407D-05	5.18361D-05	-4.26321D-04	-1.00860D-04	-1.26290D-05	-1.03063D-05
242	2.33421D-05	-1.38149D-05	-2.45203D-05	-6.13712D-05	-4.81739D-06	-1.29859D-05
243	2.36593D-05	1.09779D-04	-4.41866D-05	-6.30755D-05	-1.23776D-07	-1.17231D-05
244	5.88736D-06	5.15069D-05	-2.07529D-07	2.00662D-06	-6.23868D-07	-1.01977D-05
245	2.61314D-06	3.07268D-05	-1.41480D-07	3.18292D-06	-4.60214D-07	-7.33242D-06
246	4.88437D-05	3.07292D-05	1.99257D-05	3.18456D-06	-4.60214D-07	-7.33645D-06
247	3.31411D-07	8.05130D-06	-7.69051D-08	2.63372D-06	-2.85652D-07	-4.45713D-06
248	-5.71886D-06	-7.66260D-06	-2.45310D-06	-1.67643D-06	-9.69012D-08	-8.67301D-06
249	-3.69052D-06	-9.14890D-06	-1.68442D-06	-1.15725D-08	-3.22612D-07	-6.23524D-06
250	3.56180D-05	-9.14961D-06	-1.75864D-06	-1.17176D-08	-3.22612D-07	-6.23818D-06
251	-1.07828D-06	-4.18555D-06	-9.15612D-07	4.72050D-07	-2.96909D-07	-3.79019D-06
252	-3.74956D-03	-2.79083D-03	5.66047D-03	-6.64142D-05	-2.76308D-04	-3.22217D-04

M O D A L A N A L Y S I S

MODE NUMBER 13
FREQUENCY= 14.0668 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.86067D-02	8.11849D-03	4.50215D-03	3.05492D-06	3.09370D-04	7.12777D-05
3	-2.93301D-02	1.58831D-03	-4.29547D-03	-1.06610D-03	5.15551D-04	5.01771D-04
4	-3.85995D-02	1.62266D-03	-2.41734D-02	-1.08757D-03	5.40303D-04	5.10444D-04
5	-4.76374D-02	1.40657D-03	-4.24661D-02	-9.13008D-04	4.85950D-04	4.67390D-04
6	-5.41782D-02	1.00168D-03	-5.47687D-02	-7.11575D-04	1.85689D-04	3.39017D-04
7	-5.53850D-02	-3.61938D-03	-5.71741D-02	-5.07756D-04	-1.27415D-04	1.22864D-04
8	-2.35337D-02	-2.23103D-02	-1.67741D-02	1.19330D-04	-4.89634D-04	-1.62409D-04
9	-1.22793D-02	-5.32129D-03	-5.77981D-03	7.40873D-04	3.17208D-04	-3.46226D-04
10	-1.75719D-02	-5.49488D-08	-1.11380D-02	6.50281D-04	4.50464D-04	-2.44351D-04
11	-5.23982D-02	2.25762D-02	-3.26333D-02	-2.43483D-04	-2.24862D-04	2.44893D-04
12	-2.54302D-02	7.93659D-07	-3.26126D-02	-2.80864D-04	-3.96207D-04	7.76867D-05
13	-1.93443D-02	-2.48146D-03	-3.66911D-02	-1.81657D-04	-1.02914D-04	-1.21463D-04
14	-1.89561D-02	-3.80667D-03	-3.39692D-02	-1.30820D-04	4.04974D-05	4.89720D-05
15	-1.22969D-02	-3.24200D-03	-3.38192D-02	8.85084D-05	-9.35197D-05	-1.08087D-05
16	-1.17676D-02	-3.37299D-04	-3.28422D-02	1.13777D-04	1.10315D-04	-2.26240D-05
17	-1.15345D-02	-1.76308D-03	-1.96727D-02	1.07112D-04	1.85465D-04	3.26812D-05
18	-1.01033D-02	-2.86142D-03	-1.64900D-02	1.03302D-04	2.35156D-04	2.24711D-05
19	-7.18122D-03	-4.29308D-03	-1.36142D-02	9.97565D-05	2.36796D-04	1.34909D-05
20	-5.72179D-03	-4.91382D-03	-1.03512D-02	8.67598D-05	1.91893D-04	-1.22989D-05
21	-5.56853D-03	-2.74848D-03	-2.23124D-03	5.57653D-05	1.04110D-04	-7.62906D-05
22	-3.06512D-03	-1.06932D-04	-3.19115D-04	1.82945D-05	1.04866D-05	-1.26485D-04
23	-4.40082D-10	3.26963D-11	-1.91706D-11	1.69955D-09	-2.72291D-09	-1.77982D-08
25	-2.19306D-02	-3.24822D-03	-6.92316D-03	-8.67808D-05	3.49486D-04	1.65697D-04
26	-3.34314D-02	-2.67125D-03	-8.16912D-03	8.95993D-05	2.74981D-04	2.49328D-04
27	-3.62540D-02	-2.67615D-03	-7.14220D-03	9.54444D-05	2.49854D-04	2.48276D-04
28	-4.01192D-02	-2.54332D-04	-5.87721D-03	2.70803D-04	-2.32649D-05	2.09956D-05
29	-4.01261D-02	-1.02500D-04	-5.51389D-03	2.75060D-04	-3.96832D-05	1.13074D-05
30	-3.95655D-02	3.74344D-04	-1.31694D-02	4.56670D-04	7.94807D-05	-1.28768D-05
31	-6.49304D-03	5.91822D-04	8.50876D-02	6.83746D-04	7.94716D-04	-5.65432D-04
32	-6.89386D-02	-2.02204D-03	2.20040D-02	1.50603D-04	7.34849D-04	-4.63749D-04
33	-7.45446D-02	-2.93953D-03	1.67686D-02	-9.18128D-05	-3.71914D-04	-3.41447D-04
34	-2.77696D-02	1.26157D-02	-3.11340D-02	-8.87086D-05	-4.81853D-04	-1.61875D-04
35	-2.28270D-02	1.16084D-02	-3.36574D-02	-1.61965D-04	-2.03791D-04	-8.31507D-05
36	-5.16544D-02	1.30972D-02	-5.61699D-02	-6.94218D-04	1.89506D-04	2.81753D-04
37	-4.99487D-02	1.74967D-02	-5.95667D-02	3.62219D-05	2.38333D-04	-2.35611D-04
38	-1.11000D-02	1.76986D-02	-2.38788D-03	8.01176D-04	2.24318D-04	-1.39843D-04
39	-8.25939D-03	1.11767D-03	1.03575D-02	8.92428D-04	1.44969D-04	2.50850D-04
40	-3.86064D-03	-3.97086D-03	2.89605D-03	9.62451D-04	1.05722D-04	5.19924D-04
41	-1.90313D-04	-3.97003D-03	-3.84749D-03	9.59625D-04	1.00597D-04	5.17280D-04
42	3.41006D-03	4.22473D-03	-1.22588D-02	8.72718D-04	9.56741D-05	4.83281D-04
43	1.87797D-03	1.83978D-02	-1.22612D-02	8.49663D-04	9.27446D-05	4.63438D-04
44	1.02707D-03	2.15358D-02	-1.13753D-02	7.82377D-04	1.06799D-04	4.50640D-04
45	1.03824D-03	-9.56272D-03	-3.27932D-03	3.72157D-04	-7.30527D-05	-1.52400D-04
46	1.06671D-03	-8.99131D-03	-3.47087D-03	3.67777D-04	-7.07637D-05	-1.65867D-04
47	1.76093D-03	1.18238D-02	-4.12933D-03	-3.63238D-04	9.34028D-05	-5.26584D-04
48	1.42604D-03	1.31836D-02	-3.56909D-03	-4.33118D-04	6.26736D-05	-3.93831D-04
49	-1.17055D-03	4.00871D-03	-1.08108D-03	-1.41421D-04	-1.79821D-05	-1.84587D-04
50	-1.22781D-04	1.59254D-03	-8.81177D-04	-6.09880D-05	-5.61056D-05	-1.04351D-04
51	1.08539D-04	9.13466D-04	-6.19847D-04	-6.20422D-05	-5.41982D-05	-9.54402D-05

52	-4.72049D-06	-1.77045D-06	-9.84804D-06	-5.72467D-07	-5.50331D-06	-1.60018D-06
53	-1.24887D-11	-1.47786D-11	-1.37212D-11	-9.19326D-11	-4.76931D-10	-1.55300D-10
54	-1.73548D-02	-1.14503D-04	8.59560D-03	7.52051D-06	-5.74291D-04	-2.12267D-04
55	1.73324D-03	-2.82644D-03	1.43783D-02	-5.33413D-05	-5.56831D-04	-1.85729D-04
56	9.02481D-03	-3.27326D-03	1.00052D-02	-1.86378D-04	-7.60746D-04	-1.25500D-04
57	1.73182D-02	2.92027D-04	-1.83237D-02	-5.44413D-04	3.05325D-04	-2.43024D-04
58	1.22193D-02	2.24459D-03	-1.21588D-02	-3.84392D-04	1.67520D-04	-6.08618D-04
59	2.36086D-03	2.50348D-03	-6.16432D-03	-3.55417D-04	9.22933D-05	-5.87605D-04
60	-3.08930D-04	-5.35995D-03	1.47909D-02	9.95979D-04	2.03645D-04	-6.74133D-04
61	2.12778D-02	2.79085D-04	3.26959D-02	8.36520D-04	-1.62555D-04	-1.83128D-03
62	9.33987D-03	-3.43213D-04	2.81347D-02	5.12926D-04	4.31619D-04	-1.37284D-03
63	4.98871D-03	-8.37603D-03	2.20921D-02	7.60111D-04	3.71754D-04	-4.89745D-04
64	4.65414D-03	-1.67102D-02	-3.07174D-03	4.91752D-04	3.09913D-04	2.71954D-04
65	-1.64008D-02	-2.45960D-03	-2.77623D-03	1.91363D-04	4.12903D-04	1.86265D-03
66	-7.37463D-02	-2.45130D-03	1.59552D-03	9.55287D-05	4.02449D-04	1.86608D-03
67	-9.83841D-02	9.35229D-04	-2.35587D-03	-7.84701D-04	-6.13875D-05	7.56241D-04
68	-4.23117D-02	-6.13367D-02	3.00809D-02	2.81096D-04	-6.91085D-04	-7.81895D-05
69	-3.63175D-02	-5.56559D-02	3.16101D-02	1.21890D-03	-8.84452D-04	1.51200D-04
70	2.97792D-04	5.03072D-03	3.15711D-02	1.80047D-03	-9.00012D-04	2.64417D-04
71	4.09483D-03	1.57632D-02	4.58369D-02	2.19771D-03	-1.44484D-03	8.59754D-04
72	1.72955D-02	2.09830D-02	1.94923D-02	3.19843D-03	-1.38590D-03	1.11993D-03
73	1.24128D-01	2.10838D-02	-3.38857D-01	2.47196D-03	-2.93658D-03	5.92916D-04
74	1.02659D-01	1.58122D-02	-2.93620D-01	4.57950D-04	-4.52404D-03	-1.05080D-04
76	2.54009D-04	-8.01446D-04	6.36032D-03	1.53415D-03	-7.07310D-04	9.26239D-05
77	2.18806D-04	-1.62211D-03	-1.04286D-02	1.35470D-03	-6.12086D-04	1.56734D-05
78	1.43602D-04	-1.22478D-03	-1.72769D-03	5.78426D-04	-7.11598D-04	4.05248D-05
79	-3.53505D-03	-4.79533D-04	1.24173D-03	-1.90645D-04	-2.32518D-04	-4.16706D-05
80	-1.71588D-04	-3.58790D-04	1.04624D-05	2.10638D-05	-2.31755D-05	4.90455D-06
82	-3.36834D-04	-7.74107D-04	5.77824D-03	-3.96616D-04	-1.18445D-04	-2.09975D-05
83	-2.56516D-04	-1.03008D-03	7.59612D-03	-1.45163D-04	3.85790D-05	6.50452D-05
84	-5.83640D-04	-4.33439D-04	6.67576D-03	-2.33222D-05	5.85131D-05	5.62412D-05
85	-4.50285D-04	-1.01120D-04	6.00575D-03	1.03327D-04	8.87230D-05	2.61660D-05
86	-1.05580D-05	-8.80710D-05	3.62223D-05	6.85694D-05	4.34030D-06	9.78380D-06
87	-5.18401D-06	-4.60123D-05	3.10475D-06	3.22064D-05	2.37476D-06	1.21770D-05
88	-2.12664D-07	-7.33783D-05	1.49132D-07	-2.25609D-06	1.84119D-07	1.15830D-05
90	-6.10978D-07	-8.40017D-05	1.20255D-05	3.91483D-05	-5.25962D-06	6.66285D-06
91	1.14003D-05	-9.93668D-06	2.59673D-06	4.31211D-06	3.24757D-07	8.39083D-06
93	-2.53376D-03	2.22286D-03	5.21927D-04	9.97706D-05	1.41897D-04	-3.35770D-06
94	-1.28370D-02	7.39704D-03	3.05173D-03	7.34319D-05	2.76781D-04	3.80913D-05
95	-5.30295D-02	1.27031D-03	-5.26170D-02	-7.58129D-04	2.21086D-04	3.77083D-04
96	-5.26450D-02	8.46935D-03	-5.56187D-02	-7.12554D-04	1.88205D-04	3.10342D-04
97	-5.50730D-02	5.28665D-04	-5.64543D-02	-6.67405D-04	1.35525D-04	2.94885D-04
98	-5.55648D-02	-9.87988D-08	-5.73899D-02	-6.34807D-04	8.83432D-05	2.56533D-04
99	-1.06800D-02	-2.02911D-02	-4.05303D-03	3.79418D-04	-2.55675D-04	-2.12564D-04
100	-7.91504D-03	-1.58580D-02	-1.37376D-03	5.32435D-04	-2.82950D-05	-2.53206D-04
101	-1.01618D-02	-8.35650D-03	-3.65105D-03	6.91128D-04	2.28671D-04	-3.18227D-04
102	-1.53178D-02	-2.08432D-03	-8.85832D-03	6.87848D-04	4.07730D-04	-2.81626D-04
103	-7.67283D-03	-5.33923D-03	2.98020D-03	8.94530D-04	2.64943D-04	-5.15600D-04
104	-5.00586D-02	2.02359D-02	-3.26692D-02	-3.17525D-04	-3.31826D-04	2.67018D-04
105	-4.24471D-02	1.31247D-02	-3.26918D-02	-3.60089D-04	-3.91690D-04	2.79618D-04
106	-5.12279D-02	1.38800D-02	-4.25070D-02	-3.97969D-04	-3.88504D-04	3.26309D-04
107	-3.33763D-02	5.69140D-03	-3.26552D-02	-3.36102D-04	-4.26245D-04	1.97250D-04
108	-1.93282D-02	-1.33127D-03	-3.732 6D-02	-1.88766D-04	-8.33225D-05	-1.21548D-04
109	-1.77929D-02	-1.69604D-03	-3.73589D-02	7.38103D-07	-3.29708D-04	-3.71845D-04
110	-1.66474D-02	-1.57952D-03	-3.73747D-02	2.04367D-05	-4.16392D-04	-4.79115D-04
111	-1.43506D-02	-1.43149D-03	-3.73995D-02	-2.39082D-05	-5.29943D-04	-6.48959D-04
112	-1.09739D-02	-1.73221D-03	-3.74189D-02	-1.20003D-04	-5.81695D-04	-7.58385D-04
113	1.39585D-02	-1.26288D-03	-5.56946D-02	-8.75468D-04	-6.38727D-04	-9.46430D-04
114	-7.43897D-03	-1.83152D-03	-3.74202D-02	4.22467D-05	-5.93441D-04	-7.59544D-04
115	-5.86708D-03	-1.52637D-03	-3.74210D-02	1.33889D-04	-6.00113D-04	-7.60539D-04

116	-3.82509D-03	-8.46982D-04	-3.74218D-02	2.09189D-04	-6.05587D-04	-7.61818D-04
117	-1.76979D-03	-5.72866D-08	-3.74222D-02	2.33162D-04	-6.07584D-04	-7.61818D-04
118	-5.86423D-03	-8.46978D-04	-3.81100D-02	3.05306D-04	-5.97331D-04	-7.89093D-04
119	2.86361D-03	1.77815D-03	-3.74226D-02	2.33214D-04	-6.07668D-04	-7.61818D-04
120	-1.02146D-02	-8.46965D-04	-4.01336D-02	4.25649D-04	-5.80425D-04	-8.23388D-04
121	-1.19779D-02	2.56952D-04	-4.18309D-02	4.32396D-04	-5.79173D-04	-8.25312D-04
122	-1.93087D-02	-6.05686D-07	-3.79076D-02	-2.00082D-04	-7.09559D-05	-1.02919D-04
123	-1.92701D-02	1.43890D-03	-3.92189D-02	-2.21583D-04	-5.51462D-05	-5.23794D-05
124	-1.91638D-02	1.24263D-03	-4.00720D-02	-2.75900D-04	3.48358D-05	5.18052D-05
125	-1.91400D-02	6.20516D-04	-3.96060D-02	-2.87216D-04	6.02245D-05	6.91903D-05
126	-1.91008D-02	-1.06070D-03	-3.80093D-02	-3.01249D-04	9.28830D-05	8.77940D-05
127	-2.22144D-02	-1.83390D-03	-4.72403D-02	-3.43489D-04	9.45481D-05	1.07590D-04
128	-1.90306D-02	-2.75931D-03	-3.55853D-02	-2.29366D-04	9.79057D-05	7.24315D-05
129	-1.90045D-02	-3.17447D-03	-3.49108D-02	-1.94585D-04	8.43312D-05	6.43867D-05
130	-1.83592D-02	-2.39979D-03	-3.39405D-02	-1.36900D-04	3.87415D-05	3.70362D-05
131	-1.89723D-02	-4.91740D-03	-3.39510D-02	-8.16711D-05	-1.59861D-05	4.03196D-05
132	-1.17321D-02	-2.09898D-07	-3.08278D-02	1.12705D-04	1.24999D-04	-9.73575D-06
133	-5.67909D-03	-4.64305D-03	-7.59062D-03	7.80257D-05	1.68410D-04	-2.65250D-05
134	-1.77013D-02	1.56349D-07	-3.38939D-02	-1.58716D-04	4.82519D-06	1.85898D-05
135	-1.79458D-02	2.57471D-03	-3.38505D-02	-1.84625D-04	-4.59079D-05	2.31359D-06
136	-1.93554D-02	6.67649D-03	-3.38019D-02	-2.06154D-04	-9.59440D-05	-1.11417D-05
137	-1.96950D-02	7.06432D-03	-4.04908D-02	-2.42611D-04	-9.91340D-05	6.03490D-06
138	-2.18007D-02	1.06100D-02	-3.36969D-02	-1.74749D-04	-1.61702D-04	-5.95331D-05
139	-4.56808D-02	8.02031D-03	-1.28130D-02	-5.73144D-05	-6.56326D-04	-2.63571D-04
140	-6.73389D-02	5.95023D-07	9.34644D-03	-8.56252D-05	-5.58034D-04	-3.15032D-04
141	-7.19832D-02	-1.73008D-03	1.41212D-02	-9.39157D-05	-4.67263D-04	-3.26476D-04
142	-6.86298D-02	-3.89255D-03	1.7565[illegible]D-02	3.87919D-04	-8.48296D-04	-6.84909D-04
143	-6.66800D-02	-4.45637D-03	1.95544D-02	6.51720D-04	-9.68944D-04	-7.81149D-04
144	-6.31460D-02	-4.41491D-03	2.31492D-02	1.13980D-03	-1.10670D-03	-8.63267D-04
145	-5.83216D-02	-2.59252D-03	2.80213D-02	1.51703D-03	-1.14736D-03	-8.53392D-04
146	-4.53240D-02	1.96449D-04	9.19500D-02	2.75967D-03	-1.11795D-03	-2.40996D-04
147	-5.33974D-02	-5.79351D-04	3.29494D-02	1.37063D-03	-1.16907D-03	-1.00331D-03
148	-5.12100D-02	-1.48394D-04	3.51385D-02	1.28833D-03	-1.18141D-03	-1.08862D-03
149	-4.83705D-02	3.41375D-05	3.79800D-02	1.22124D-03	-1.19155D-03	-1.15959D-03
150	-4.55127D-02	7.37511D-08	4.08386D-02	1.19948D-03	-1.19529D-03	-1.18135D-03
151	-5.16236D-02	3.41154D-05	3.48642D-02	1.15924D-03	-1.17383D-03	-1.30427D-03
152	-3.90673D-02	9.78396D-05	4.72849D-02	1.19948D-03	-1.19546D-03	-1.18135D-03
153	-5.92105D-02	3.40700D-05	2.88791D-02	1.08187D-03	-1.13755D-03	-1.48566D-03
154	-6.30347D-02	-7.18010D-04	2.66912D-02	1.07753D-03	-1.13487D-03	-1.49584D-03
155	-6.37122D-02	-4.29178D-07	2.73163D-02	2.23285D-04	8.32753D-04	-4.89694D-04
156	-3.71230D-02	3.72637D-03	5.42535D-02	5.80240D-04	9.87789D-04	-5.60119D-04
157	-2.27768D-02	2.88270D-03	6.90294D-02	7.02328D-04	9.40741D-04	-5.72797D-04
158	-6.11874D-03	7.42081D-04	8.85284D-02	7.81179D-04	9.35724D-04	-5.67305D-04
159	-9.08236D-03	8.89499D-04	8.24558D-02	6.90903D-04	8.65433D-04	-5.70698D-04
160	-1.84572D-03	-9.33591D-08	8.98382D-02	6.72584D-04	6.47268D-04	-5.50782D-04
161	3.90322D-03	-1.68732D-03	9.52015D-0[illegible]	6.10627D-04	-3.78400D-04	-4.15916D-04
162	-2.32451D-02	-1.80263D-08	4.18769D-02	5.55878D-04	-8.29840D-04	-2.41906D-04
163	-2.80252D-02	2.05509D-04	2.91498D-02	5.46877D-04	-7.63718D-04	-2.05796D-04
164	-3.06974D-02	2.91840D-04	2.11924D-02	5.40233D-04	-6.94800D-04	-1.82183D-04
165	-3.86135D-02	2.51197D-04	-8.70448D-03	4.99375D-04	-2.66435D-04	-7.56954D-05
166	-1.21311D-02	1.76961D-02	-7.98696D-03	7.97140D-04	2.24470D-04	-1.51669D-04
167	-9.70478D-03	1.76909D-02	5.71890D-03	8.02053D-04	2.24340D-04	-1.38419D-04
168	-1.07226D-02	1.74084D-02	-6.31279D-04	8.03907D-04	2.23746D-04	-1.27868D-04
169	-1.01058D-02	1.61260D-02	2.14802D-03	8.28116D-04	2.08159D-04	-2.22451D-05
170	-8.65848D-03	5.99544D-03	8.60199D-03	8.80342D-04	1.56930D-04	2.00562D-04
171	-8.04269D-03	5.99588D-03	5.67517D-03	8.86521D-04	1.56930D-04	1.74407D-04
172	-7.59667D-03	5.99623D-03	3.28649D-03	8.90256D-04	1.56930D-04	1.59936D-04
173	-6.78383D-03	5.99640D-03	-1.27800D-03	8.90805D-04	1.56930D-04	1.58175D-04
174	-5.71911D-03	5.99643D-03	-7.29471D-03	8.91596D-04	1.56930D-04	1.57555D-04
175	-8.45528D-03	3.62410D-03	9.49766D-03	8.86526D-04	1.50512D-04	2.26366D-04

176	-2.26738D-03	-3.97051D-03	6.10924D-09	9.61703D-04	1.03526D-04	5.19937D-04
177	1.03141D-03	2.05857D-09	-5.50786D-03	6.71352D-04	1.10104D-04	3.39454D-04
178	1.03576D-03	-1.47346D-02	-5.48308D-09	5.19820D-04	1.24900D-05	5.06452D-05
179	2.07447D-03	-2.53723D-08	-6.77493D-03	-4.13148D-05	3.63643D-05	3.07682D-04
180	2.87530D-04	-5.63404D-02	-9.39442D-04	-2.40553D-04	-4.74488D-05	-6.72414D-04
181	4.75879D-04	-5.55957D-02	-1.55614D-03	-2.17415D-04	-7.50085D-05	-2.24577D-04
182	2.71027D-03	-4.88365D-03	-7.41493D-03	-3.40843D-04	7.65953D-05	-6.13216D-04
183	2.56138D-03	-1.49303D-03	-6.87936D-03	-3.47020D-04	8.34544D-05	-6.02973D-04
184	6.97771D-03	2.51710D-03	-8.91145D-03	-3.71481D-04	1.26898D-04	-6.12867D-04
185	2.12952D-03	6.28136D-03	-5.37934D-03	-3.58758D-04	9.48150D-05	-5.62920D-04
186	-1.07986D-03	5.36027D-03	-1.23135D-03	-3.38064D-04	2.28330D-05	-2.54901D-04
187	-1.23295D-03	4.51079D-03	-1.07947D-03	-3.11050D-04	1.76176D-05	-2.49188D-04
188	-1.34317D-03	3.89641D-03	-9.75305D-04	-2.82129D-04	1.27628D-05	-2.46997D-04
189	-6.38690D-06	1.25162D-03	-7.51154D-04	-6.14129D-05	-5.53442D-05	-9.98135D-05
190	-3.98819D-02	1.53551D-08	-1.24781D-07	3.99238D-04	1.16453D-04	6.67466D-06
191	-4.01289D-02	1.65252D-08	-4.61665D-03	2.87025D-04	-5.82655D-05	5.26742D-06
192	-4.01285D-02	-2.61735D-05	-4.98789D-03	2.82581D-04	-5.19296D-05	6.91236D-06
193	-4.00510D-02	-1.03470D-04	-3.09188D-03	2.43862D-04	-8.20912D-05	-3.54190D-05
194	-1.50827D-02	-2.64345D-03	-4.87314D-03	-8.46648D-05	3.41881D-04	1.30048D-04
195	-3.94657D-03	-7.38131D-04	-1.18739D-03	-5.26838D-05	2.13195D-04	5.20611D-05
196	-1.88602D-02	-1.14329D-04	8.54179D-03	8.70070D-06	-5.68935D-04	-2.15532D-04
197	-1.50602D-02	-1.34210D-04	8.75387D-03	8.89615D-06	-5.74221D-04	-2.09900D-04
198	-1.27898D-02	-5.80271D-04	9.98741D-03	4.08837D-06	-5.77193D-04	-2.11042D-04
199	1.10390D-02	-2.72736D-03	3.37531D-03	-2.05052D-04	-7.54815D-04	-1.21724D-04
200	1.48525D-02	-1.86393D-03	-9.19157D-03	-2.41852D-04	-6.87747D-04	-1.15976D-04
201	1.45125D-02	-1.86379D-03	-8.42475D-03	-2.23614D-04	-6.84775D-04	-9.41879D-05
202	1.43280D-02	-1.86371D-03	-7.97309D-03	-2.15842D-04	-6.82923D-04	-8.78321D-05
203	1.47723D-02	-1.76461D-03	-9.72111D-03	-2.04321D-04	-6.67993D-04	-9.35585D-05
204	1.62336D-02	-1.49133D-03	-1.44969D-02	-2.03000D-04	-6.11698D-04	-1.01379D-04
205	1.73913D-02	-1.25839D-03	-1.82849D-02	-2.06877D-04	-5.75492D-04	-9.17470D-05
206	1.82652D-02	-1.25763D-03	-2.04537D-02	-2.79592D-04	-5.69458D-04	-1.12599D-04
207	2.27425D-02	-7.75036D-04	-3.53105D-02	-3.59402D-04	-2.13511D-04	-1.09510D-0
208	1.78088D-02	-2.63103D-08	-1.98895D-02	-5.38771D-04	3.12386D-04	-2.26471D-04
209	2.35518D-02	1.12811D-03	3.37293D-02	8.26281D-04	-1.26010D-05	-1.96226D-03
210	2.36130D-02	1.37493D-03	3.37676D-02	8.28230D-04	1.47426D-05	-1.97423D-03
211	6.66881D-02	-3.65054D-04	5.20515D-02	8.50121D-04	1.43785D-05	-2.00228D-0
212	2.33248D-02	1.57070D-03	3.36579D-02	8.10585D-04	4.42420D-05	-1.95400D-03
213	1.25844D-02	4.74576D-08	2.94268D-02	5.45198D-04	4.12403D-04	-1.47213D-03
214	-9.82476D-02	-7.16826D-08	-2.27100D-03	-7.93988D-04	-7.32543D-05	7.24749D-04
215	-8.40315D-03	-1.14790D-02	3.15820D-02	1.66818D-03	-9.13151D-04	2.37516D-0
216	2.84123D-04	2.56159D-03	2.30170D-02	1.71725D-03	-8.30318D-04	2.15652D-04
217	3.24659D-04	8.03886D-03	4.07627D-02	1.98625D-03	-9.70436D-04	3.18103D-04
218	2.41070D-02	2.09919D-02	-1.55864D-07	3.26273D-03	-1.46956D-03	1.12282D-03
219	1.05415D-01	2.10810D-02	-2.64508D-01	2.87381D-03	-2.58503D-03	7.66540D-0
220	1.06945D-01	2.10814D-02	-2.70254D-01	2.86375D-03	-2.59203D-03	7.62021D-04
221	1.07676D-01	2.58106D-02	-2.56960D-01	2.86379D-03	-2.59116D-03	7.62128D-04
222	1.08460D-01	2.10815D-02	-2.75906D-01	2.85362D-03	-2.59986D-03	7.57452D-04
223	1.19334D-01	2.10851D-02	-3.18921D-01	2.55090D-03	-2.84951D-03	6.25742D-0 4
224	1.20575D-01	2.10852D-02	-3.24004D-01	2.54209D-03	-2.85734D-03	6.22070D-04
225	1.21324D-01	2.49885D-02	-3.09193D-01	2.54215D-03	-2.85629D-03	6.22176D-04
226	1.21803D-01	2.10851D-02	-3.29053D-01	2.53359D-03	-2.86617D-03	6.18499D-04
227	5.29669D-02	7.86873D-03	-1.51443D-01	3.14456D-04	-4.05345D-03	-1.09607D-04 4
228	2.65051D-04	1.65126D-07	1.21563D-02	1.60125D-03	-7.47694D-04	1.36985D-04
229	7.88560D-04	-8.00129D-04	-2.57080D-03	1.27897D-03	-6.76645D-04	7.57414D-05
230	1.07008D-03	-7.99298D-04	-7.36226D-03	1.12650D-03	-6.57404D-04	6.56052D-05
231	5.37042D-08	-1.21641D-03	-8.42817D-08	5.57982D-04	-7.06093D-04	4.08923D-05
232	-3.87883D-03	-4.95479D-04	2.92139D-03	-1.97108D-04	-2.42781D-04	-3.84643D-05
233	-3.80117D-03	-4.93963D-04	2.52564D-03	-1.96612D-04	-2.41861D-04	-3.87837D-05
234	-5.12528D-03	5.83436D-04	2.51633D-03	-1.96615D-04	-2.41878D-04	-3.87846D-05
175	- 8.45528D 03	- 3.62410D 03	9.49766D 03	- 8.86526D 04	- 1.50512D 04	- 2.26366D 04

236	-4.00223D-10	-7.75442D-04	-1.05155D-08	-4.31761D-04	-1.39702D-04	-2.60001D-05
237	-2.61919D-05	-7.75207D-04	4.26456D-04	-4.23387D-04	-1.34892D-04	-2.51879D-05
238	-1.74673D-04	-7.74812D-04	2.93345D-03	-4.13004D-04	-1.28686D-04	-2.39135D-05
239	-1.74687D-04	-6.24625D-04	2.12432D-03	-4.13004D-04	-1.28510D-04	-2.38617D-05
240	-3.14598D-04	-7.74370D-04	5.37980D-03	-4.03505D-04	-1.22917D-04	-2.23629D-05
241	-4.33960D-05	-8.91949D-05	3.70784D-04	8.86191D-05	1.15919D-05	7.27931D-06
242	-1.06151D-05	-3.29361D-05	1.80111D-05	5.30214D-05	4.20880D-06	1.08584D-05
243	-1.09060D-05	-1.32190D-04	3.60658D-05	5.59552D-05	3.27183D-07	8.68587D-06
244	-1.39752D-07	-6.76809D-05	1.24964D-07	-3.66054D-06	1.06209D-07	9.51142D-06
245	1.35833D-07	-3.80026D-05	8.43775D-08	-4.43384D-06	3.30891D-08	6.83860D-06
246	-4.29795D-05	-3.80055D-05	-2.78697D-05	-4.43616D-06	3.30891D-08	6.84217D-06
247	1.23506D-07	-9.03080D-06	4.58606D-08	-3.41915D-06	3.70235D-09	4.15695D-06
248	1.05194D-05	-7.75445D-06	2.18857D-06	2.67587D-06	5.55364D-07	6.88958D-06
249	5.92788D-06	8.76139D-07	1.50312D-06	1.06221D-06	6.85729D-07	4.95267D-06
250	-2.52929D-05	8.76207D-07	8.20121D-06	1.06289D-06	6.85729D-07	4.95477D-06
251	1.41966D-06	2.37891D-06	8.17061D-07	3.00064D-07	5.31423D-07	3.01056D-06
252	-7.34253D-03	-1.24004D-03	1.16355D-02	-1.80843D-05	-5.65908D-04	-2.02205D-04

M O D A L A N A L Y S I S

MODE NUMBER 14
FREQUENCY= 14.4106 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	3.22569D-04	1.20178D-02	-2.77791D-05	1.58640D-04	-9.13244D-06	-1.00437D-04
3	2.75444D-03	1.47867D-02	2.19888D-03	1.40248D-04	-6.64589D-05	-1.74831D-04
4	5.96306D-03	1.47924D-02	4.68260D-03	1.28944D-04	-7.08852D-05	-1.80646D-04
5	9.12513D-03	1.38287D-02	6.17995D-03	1.67184D-05	-4.94203D-05	-2.28471D-04
6	1.09494D-02	6.60784D-03	6.58501D-03	-9.07767D-05	-8.68288D-06	-3.15788D-04
7	1.08962D-02	-1.10840D-02	6.52422D-03	-8.04156D-05	2.11402D-05	-3.31461D-04
8	6.47464D-03	-3.31625D-02	9.60704D-04	1.26021D-04	6.76259D-05	-5.20650D-05
9	4.71568D-03	-5.59050D-03	-7.53613D-04	2.56412D-04	-1.68670D-05	1.96699D-04
10	4.97382D-03	-1.08247D-07	-5.34927D-04	2.13230D-04	-2.10838D-05	1.75864D-04
11	7.72101D-03	8.87295D-03	6.66700D-04	-1.05850D-04	2.41320D-05	-6.02269D-05
12	4.04282D-03	1.22793D-07	6.47462D-04	-1.20604D-04	6.32918D-05	-7.17288D-05
13	2.83809D-03	-8.18671D-04	1.71555D-03	-8.00023D-05	4.32472D-05	-5.03981D-05
14	2.79448D-03	5.90543D-04	4.99404D-03	1.40700D-05	8.17079D-06	1.04028D-05
15	1.45839D-03	5.53080D-04	4.97256D-03	-9.27232D-06	1.32131D-05	1.00695D-05
16	1.41460D-03	1.05543D-04	4.79731D-03	-1.19315D-05	-1.73086D-05	7.54971D-06
17	1.38781D-03	3.17895D-05	2.85445D-03	-1.25915D-05	-2.59279D-05	-3.14240D-06
18	1.19306D-03	1.60946D-04	2.41686D-03	-1.25602D-05	-3.20707D-05	-3.06392D-06
19	7.97025D-04	3.43204D-04	2.026[illegible]0D-03	-1.22216D-05	-3.24011D-05	-2.50467D-06
20	5.96786D-04	4.40167D-04	1.57224D-03	-1.08960D-05	-2.73573D-05	-2.30759D-07
21	5.79057D-04	2.95031D-04	3.62261D-04	-7.45887D-06	-1.64371D-05	6.93656D-06
22	3.33282D-04	1.65495D-05	4.98365D-05	-2.69192D-06	-3.16199D-06	1.40570D-05
23	5.08363D-11	-5.26887D-12	4.32206D-12	-2.72023D-10	1.76850D-10	1.99692D-09
25	2.66478D-03	-2.60755D-03	8.38631D-04	-3.52601D-05	-4.84298D-05	-1.45146D-05
26	4.15703D-03	-3.08046D-03	1.14169D-03	2.82473D-05	-6.98257D-05	-1.31070D-06
27	4.16509D-03	-3.08234D-03	1.46912D-03	3.24042D-05	-7.11848D-05	9.78935D-07
28	3.63128D-03	-2.09649D-03	5.02613D-03	1.09130D-04	-1.25669D-04	8.11282D-05
29	3.63150D-03	-1.18476D-03	6.41264D-03	1.16367D-04	-1.28303D-04	8.59616D-05
30	3.60864D-03	-1.41310D-03	-2.72471D-03	2.36074D-05	9.70377D-06	-7.24423D-06
31	9.64841D-04	-9.07785D-05	-1.13753D-02	-8.60950D-05	-1.15913D-04	6.87807D-05
32	1.00095D-02	2.85532D-04	-2.24774D-03	-1.77635D-05	-1.09864D-04	6.22471D-05
33	1.10755D-02	4.45988D-04	-1.52915D-03	1.30720D-05	4.17067D-05	4.93311D-05
34	5.11246D-03	-2.04153D-03	4.59369D-03	1.52022D-05	6.68347D-05	2.99934D-05
35	4.37719D-03	-1.89704D-03	4.95644D-03	2.66319D-05	3.48693D-05	1.93131D-05
36	1.10594D-02	7.60182D-03	6.51340D-03	-2.19893D-04	2.86455D-05	-1.15136D-04
37	1.04014D-02	1.07955D-02	2.30038D-03	-4.37832D-04	5.52235D-05	2.71134D-04
38	-1.56095D-02	1.11316D-02	-7.48324D-03	4.58853D-04	4.88464D-04	-1.11732D-04
39	-7.67954D-03	1.85727D-02	2.94676D-02	1.90840D-03	5.67290D-04	-3.97712D-04
40	-3.08640D-03	1.40061D-02	9.76231D-03	3.22066D-03	1.19748D-04	9.10864D-04
41	3.65538D-03	1.40354D-02	-1.33115D-02	3.36850D-03	1.16432D-04	1.00071D-03
42	1.60685D-02	5.47613D-02	-4.97700D-02	5.04576D-03	-1.02970D-04	1.60986D-03
43	1.74802D-02	1.39241D-01	-4.97691D-02	5.15944D-03	-4.90693D-05	1.82455D-03
44	1.62823D-02	1.65110D-01	-4.71997D-02	4.76244D-03	4.90151D-04	2.61107D-03
45	1.63443D-02	-2.89121D-01	-5.19022D-02	3.53560D-03	-7.75257D-04	-1.70645D-03
46	1.66100D-02	-2.81921D-01	-5.37587D-02	3.62709D-03	-6.17695D-04	-2.63772D-03
47	2.86917D-02	1.54844D-01	-6.85875D-02	-4.64024D-03	1.53358D-03	-6.54012D-03
48	2.31936D-02	1.71239D-01	-5.93977D-02	-5.49369D-03	1.03040D-03	-4.90158D-03
49	-2.10334D-02	5.00806D-02	-1.72549D-02	-1.76133D-03	-2.69423D-04	-2.25402D-03
50	-4.55363D-03	1.93414D-02	-1.40188D-02	-8.22351D-04	-9.05268D-04	-1.21361D-03
51	-8.24540D-04	1.10309D-02	-9.80638D-03	-8.40612D-04	-8.77608D-04	-1.09704D-03

52	-9.00217D-05	-2.29693D-05	-1.51732D-04	-9.53805D-06	-8.30432D-05	-1.62781D-05
53	-1.93264D-10	-1.91734D-10	-2.09144D-10	-1.49278D-09	-7.19675D-09	-1.44738D-09
54	-2.41675D-01	-8.84990D-04	1.28345D-01	1.91040D-03	-7.68758D-03	3.49511D-03
55	1.40312D-02	9.19204D-02	2.05706D-01	1.53196D-03	-7.51836D-03	2.58945D-03
56	1.16833D-01	8.83486D-02	1.42398D-01	4.91881D-04	-1.11683D-02	1.92378D-03
57	2.33826D-01	6.67238D-03	-2.58507D-01	-6.32227D-03	4.66290D-03	-3.49121D-03
58	1.63979D-01	3.66242D-02	-1.77921D-01	-4.77322D-03	2.70170D-03	-7.85689D-03
59	3.85538D-02	3.99514D-02	-1.02013D-01	-4.56294D-03	1.52205D-03	-7.29493D-03
60	-4.08447D-06	-5.60659D-03	5.36662D-03	2.73399D-04	-1.31126D-05	2.18077D-04
61	-3.22610D-03	-2.74949D-03	8.45727D-03	2.09191D-05	5.78581D-07	1.55742D-04
62	-2.55408D-03	-3.78842D-05	8.77936D-03	-5.06706D-05	-1.54540D-05	1.07028D-04
63	-2.43561D-03	2.67451D-04	8.90582D-03	-9.79202D-05	1.23434D-06	3.78288D-05
64	-2.42769D-03	1.73697D-03	8.33956D-03	-1.33020D-04	1.18967D-05	2.80709D-06
65	-1.81211D-03	1.37890D-03	5.84506D-03	-1.57745D-04	2.37825D-05	-5.83849D-05
66	-5.36257D-06	1.37692D-03	1.08926D-03	-1.54015D-04	1.85328D-05	-5.83634D-05
67	4.87014D-04	8.50026D-05	-7.66883D-04	-3.39505D-05	3.75414D-06	3.25871D-07
68	4.68113D-04	1.55801D-03	-8.31152D-04	-1.47178D-06	3.08385D-06	1.57590D-05
69	4.20425D-04	1.46172D-03	-8.43259D-04	-3.06557D-05	1.09203D-05	6.34917D-06
70	-2.15982D-04	-1.55978D-04	-8.51052D-04	-5.17881D-05	2.49792D-05	-7.50212D-06
71	-3.54054D-04	-5.19934D-04	-1.45783D-03	-6.38689D-05	6.11616D-05	-3.18765D-05
72	-8.51636D-04	-7.15998D-04	-6.94745D-04	-1.14347D-04	5.63654D-05	-4.24043D-05
73	-4.84561D-03	-7.20505D-04	1.31373D-02	-9.90466D-05	1.14447D-04	-2.13443D-05
74	-3.99535D-03	-5.07721D-04	1.14211D-02	-1.89912D-05	1.75903D-04	2.45153D-06
76	-2.08744D-04	1.85207D-05	-1.57245D-04	-4.40706D-05	1.93443D-05	-2.29743D-06
77	-2.02817D-04	2.69223D-05	2.99557D-04	-3.88644D-05	1.66358D-05	-6.11464D-07
78	-3.16912D-05	1.23185D-04	4.70270D-05	-1.57388D-05	2.03479D-05	-9.46102D-06
79	1.59085D-04	8.47602D-05	2.20848D-05	3.75484D-06	8.62068D-06	4.28096D-06
80	7.19809D-06	2.17792D-05	-2.59647D-07	-1.52529D-06	8.39659D-07	2.86681D-07
82	3.08973D-05	1.75334D-05	-1.69732D-04	1.16516D-05	3.17671D-06	2.05905D-06
83	3.48342D-05	2.90422D-05	-2.22474D-04	4.21722D-06	-1.13705D-06	-1.56773D-06
84	4.42141D-05	1.42176D-05	-1.96031D-04	6.90590D-07	-1.66775D-06	-1.63125D-06
85	3.80188D-05	3.26499D-06	-1.76602D-04	-3.04603D-06	-2.50236D-06	-1.30122D-06
86	7.14063D-07	2.84377D-06	-1.17327D-06	-2.04729D-06	-1.22419D-07	-5.02718D-07
87	5.14897D-07	5.05734D-07	-1.42942D-07	-1.01607D-06	-9.42721D-08	-4.09344D-07
88	2.46890D-07	1.57687D-06	-5.14209D-09	1.60252D-08	-2.52614D-08	-3.64410D-07
90	3.85942D-07	3.69251D-06	-3.94626D-07	-1.24017D-06	1.75642D-07	-2.31350D-07
91	-8.06933D-08	1.11363D-06	-7.42052D-0	-1.96073D-07	1.09124D-08	-2.61345D-07
93	1.67911D-05	1.73819D-03	1.45341D-05	8.50625D-05	-1.35930D-06	-4.15742D-05
94	1.76781D-04	8.46813D-03	-3.47705D-07	1.50676D-04	-6.13764D-06	-8.67895D-05
95	1.08907D-02	1.00775D-02	6.47005D-03	-7.32847D-05	-1.13679D-05	-3.13103D-04
96	1.09567D-02	6.84613D-03	6.57412D-03	-1.86215D-04	1.31979D-05	-1.84258D-04
97	1.09969D-02	2.94670D-03	6.67933D-03	-9.34908D-05	-5.64713D-06	-3.28184D-04
98	1.10183D-02	-1.24036D-09	6.72444D-03	-9.37981D-05	-1.76373D-06	-3.34542D-04
99	4.69672D-03	-2.67531D-02	-7.73260D-04	2.24224D-04	3.29111D-05	9.17379D-05
100	4.38325D-03	-1.94152D-02	-1.05673D-03	2.60135D-04	4.07582D-06	1.56113D-04
101	4.57718D-03	-9.22998D-03	-8.85015D-04	2.65005D-04	-1.41135D-05	1.93865D-04
102	4.86730D-03	-2.07513D-03	-6.26208D-04	2.32405D-04	-1.93801D-05	1.86349D-04
103	2.60350D-03	-5.59806D-03	2.01489D-03	2.71461D-04	-1.51391D-05	2.10427D-04
104	7.47645D-03	7.89294D-03	6.57272D-04	-1.23708D-04	4.12971D-05	-7.77266D-05
105	6.50853D-03	5.18628D-03	6.51126D-04	-1.32547D-04	5.29579D-05	-8.76925D-05
106	9.08116D-03	4.98044D-03	-3.09498D-03	-1.35442D-04	5.32014D-05	-9.57938D-05
107	5.24062D-03	2.34474D-03	6.49409D-04	-1.31988D-04	6.15973D-05	-8.11809D-05
108	2.83639D-03	-4.27496D-04	2.04818D-03	-7.28282D-05	4.12547D-05	-4.51040D-05
109	2.42169D-03	-8.03025D-04	2.05138D-03	-3.15279D-05	7.23890D-05	2.90831D-05
110	2.18489D-03	-8.70778D-04	2.05274D-03	-1.16768D-05	8.21624D-05	6.08776D-05
111	1.75920D-03	-8.50780D-04	2.05488D-03	2.23685D-05	9.31865D-05	1.11219D-04
112	1.18300D-03	-6.48291D-04	2.05655D-03	4.66261D-05	9.62817D-05	1.43652D-04
113	-3.89303D-03	-8.06298D-04	4.71310D-03	1.12970D-04	1.03574D-04	1.99700D-04
114	6.12666D-04	-3.80374D-04	2.05662D-03	4.35206D-05	9.43780D-05	1.43816D-04
115	3.67204D-04	-2.69844D-04	2.05666D-03	4.17511D-05	9.33284D-05	1.43957D-04

116	5.48438D-05	-1.33308D-04	2.05670D-03	4.02729D-05	9.24962D-05	1.44138D-04
117	-2.55788D-04	1.07295D-09	2.05673D-03	3.98351D-05	9.22528D-05	1.44138D-04
118	4.38776D-04	-1.33310D-04	1.95685D-03	3.62284D-05	9.13206D-05	1.48002D-04
119	-9.59413D-04	3.03806D-04	2.05675D-03	3.98444D-05	9.22823D-05	1.44138D-04
120	1.24977D-03	-1.33315D-04	1.77820D-03	3.11642D-05	8.89135D-05	1.52876D-04
121	1.62508D-03	-5.40395D-05	1.65642D-03	3.08791D-05	8.87352D-05	1.53150D-04
122	2.83440D-03	-5.32866D-08	2.44122D-03	-6.41773D-05	3.91812D-05	-3.78715D-05
123	2.83039D-03	5.73554D-04	3.16002D-03	-4.77404D-05	3.50536D-05	-2.42165D-05
124	2.81889D-03	1.06795D-03	4.48334D-03	-6.21575D-06	1.78680D-05	-3.33053D-07
125	2.81625D-03	1.04822D-03	4.64118D-03	2.43522D-06	1.32978D-05	2.68151D-06
126	2.81185D-03	9.51716D-04	4.86072D-03	1.31626D-05	7.35646D-06	5.02970D-06
127	2.73254D-03	9.94257D-04	5.35461D-03	1.82487D-05	7.14151D-06	2.47412D-06
128	2.80345D-03	7.80368D-04	4.93713D-03	1.35453D-05	4.55444D-06	8.90136D-06
129	2.80031D-03	7.16650D-04	4.95111D-03	1.37305D-05	5.05141D-06	9.82279D-06
130	2.86371D-03	3.97716D-04	4.99107D-03	1.92907D-05	8.21641D-06	1.02693D-05
131	2.66470D-03	7.11359D-04	4.99147D-03	8.93440D-06	1.30717D-05	1.03545D-05
132	1.41054D-03	2.34272D-08	4.48704D-03	-1.20376D-05	-1.91980D-05	5.19419D-06
133	5.91843D-04	4.36624D-04	1.17334D-03	-9.92742D-06	-2.46003D-05	1.20479D-06
134	3.00098D-03	2.05607D-08	4.98612D-03	2.55676D-05	1.23542D-05	1.00630D-05
135	3.22947D-03	-4.18554D-04	4.98140D-03	3.00568D-05	1.83015D-05	9.88105D-06
136	3.66520D-03	-1.08851D-03	4.97603D-03	3.36070D-05	2.34564D-05	9.73060D-06
137	3.53361D-03	-1.16346D-03	6.07336D-03	3.93518D-05	2.39907D-05	6.49055D-06
138	4.19167D-03	-1.73272D-03	4.96180D-03	2.86686D-05	3.01769D-05	1.61702D-05
139	7.49497D-03	-1.25754D-03	2.15384D-03	9.21088D-06	8.49352D-05	4.26188D-05
140	1.02149D-02	-7.98837D-08	-6.37459D-04	1.21598D-05	6.79067D-05	4.71975D-05
141	1.07769D-02	2.65711D-04	-1.21822D-03	1.32716D-05	5.50890D-05	4.79481D-05
142	1.03068D-02	5.83531D-04	-1.70207D-03	-6.52906D-05	1.27328D-04	1.08913D-04
143	1.00073D-02	6.66546D-04	-2.00729D-03	-1.07598D-04	1.50679D-04	1.26390D-04
144	9.44566D-03	6.59020D-04	-2.57810D-03	-1.85198D-04	1.78151D-04	1.43471D-04
145	8.66218D-03	3.85054D-04	-3.36872D-03	-2.44658D-04	1.87272D-04	1.45012D-04
146	6.14905D-03	-5.88549D-05	-1.35194D-02	-4.36404D-04	1.83049D-04	5.78185D-05
147	7.85445D-03	8.35502D-05	-4.17705D-03	-2.22595D-04	1.92282D-04	1.67716D-04
148	7.49345D-03	1.95815D-05	-4.53830D-03	-2.10214D-04	1.95120D-04	1.80646D-04
149	7.02304D-03	-6.56641D-06	-5.00900D-03	-2.00149D-04	1.97442D-04	1.91418D-04
150	6.54859D-03	-1.11494D-08	-5.48358D-03	-1.96859D-04	1.98278D-04	1.94708D-04
151	7.55831D-03	-6.56305D-06	-4.49460D-03	-1.92539D-04	1.94214D-04	2.14101D-04
152	5.47942D-03	-1.16138D-05	-6.55287D-03	-1.96859D-04	1.98301D-04	1.94707D-04
153	8.79949D-03	-6.55614D-06	-3.48990D-03	-1.83052D-04	1.87603D-04	2.42545D-04
154	9.42025D-03	1.04237D-04	-3.11018D-03	-1.82519D-04	1.87113D-04	2.44141D-04
155	9.23440D-03	5.44928D-08	-3.03430D-03	-2.70890D-05	-1.22733D-04	6.49570D-05
156	5.38647D-03	-5.35469D-04	-6.92840D-03	-7.34334D-05	-1.42183D-04	7.07652D-05
157	3.32324D-03	-4.15367D-04	-9.05186D-03	-8.94907D-05	-1.35691D-04	7.11578D-05
158	1.23750D-03	-1.45211D-04	-1.15317D-02	-1.00268D-04	-1.34980D-04	6.99923D-05
159	1.34200D-03	-1.34556D-04	-1.09930D-02	-8.74670D-05	-1.25507D-04	7.01730D-05
160	2.80968D-04	1.72348D-08	-1.20722D-02	-8.37879D-05	-9.58858D-05	6.53481D-05
161	-8.65512D-04	4.52032D-04	-1.32393D-02	-6.44509D-05	4.24805D-05	4.17115D-05
162	2.29574D-03	-4.93485D-09	-7.00908D-03	-3.36738D-05	8.88713D-05	2.68971D-05
163	2.79086D-03	-2.26264D-04	-5.68093D-03	-2.70036D-05	7.34667D-05	2.49257D-05
164	3.02552D-03	-3.99730D-04	-4.97244D-03	-2.24565D-05	6.00639D-05	2.32281D-05
165	3.55429D-03	-1.29370D-03	-3.08314D-03	1.51636D-06	1.19232D-05	9.61153D-06
166	-1.63362D-02	1.11266D-02	-1.06297D-02	4.41151D-04	4.83766D-04	-9.70724D-05
167	-1.44877D-02	1.11385D-02	-2.72212D-03	4.58390D-04	4.88429D-04	-1.09409D-04
168	-1.47915D-02	1.13194D-02	-3.64400D-03	4.87921D-04	4.92497D-04	-1.32393D-04
169	-1.33975D-02	1.24343D-02	2.84770D-03	7.71458D-04	5.26388D-04	-2.84286D-04
170	-9.11570D-03	1.77984D-02	2.27872D-02	1.61295D-03	5.69495D-04	-4.39367D-04
171	-1.06842D-02	1.77998D-02	1.74800D-02	1.59444D-03	5.69495D-04	-5.00685D-04
172	-1.20838D-02	1.78009D-02	1.32097D-02	1.58472D-03	5.69495D-04	-5.34929D-04
173	-1.48416D-02	1.78014D-02	5.09234D-03	1.58370D-03	5.69495D-04	-5.39190D-04
174	-1.84912D-02	1.78015D-02	-5.60065D-03	1.58433D-03	5.69495D-04	-5.41297D-04
175	-8.39712D-03	1.82878D-02	2.61318D-02	1.75861D-03	5.68890D-04	-4.28326D-04

176	-2.72132D-04	1.40187D-02	5.65403D-10	3.28435D-03	1.18326D-04	9.50821D-04
177	1.63210D-02	-1.15272D-07	-1.69090D-02	4.43040D-03	5.63130D-04	3.74096D-03
178	1.63476D-02	-2.65455D-01	-5.32717D-08	3.97721D-03	-3.25829D-04	2.46212D-03
179	1.76257D-02	-3.60445D-07	-5.73287D-02	-7.37366D-04	6.38592D-04	1.88404D-03
180	3.98034D-03	-6.13189D-01	-1.29917D-02	-3.53875D-03	-1.11364D-03	-5.35373D-04
181	7.90122D-03	-6.09391D-01	-2.58375D-02	-3.27584D-03	-1.47138D-03	-2.31654D-03
182	4.43904D-02	-5.03389D-02	-1.22769D-01	-4.41248D-03	1.27714D-03	-7.53822D-03
183	4.18938D-02	-9.03912D-03	-1.13852D-01	-4.47612D-03	1.38479D-03	-7.44245D-03
184	9.68354D-02	4.00964D-02	-1.37080D-01	-4.70146D-03	2.06372D-03	-7.78847D-03
185	3.47456D-02	8.65146D-02	-8.91023D-02	-4.59634D-03	1.55951D-03	-6.99080D-03
186	-1.82959D-02	6.90119D-02	-2.07531D-02	-4.25250D-03	3.85936D-04	-3.16020D-03
187	-2.09081D-02	5.80175D-02	-1.81776D-02	-3.90766D-03	3.02132D-04	-3.08827D-03
188	-2.28253D-02	5.00364D-02	-1.63814D-02	-3.53890D-03	2.24077D-04	-3.06086D-03
189	-2.67879D-03	1.51659D-02	-1.19247D-02	-8.30134D-04	-8.94378D-04	-1.15426D-03
190	3.62915D-03	6.82746D-09	3.70340D-08	5.29413D-05	6.71090D-05	-2.38071D-05
191	3.63377D-03	3.42463D-08	8.19710D-03	1.10256D-04	-7.79421D-05	6.02409D-05
192	3.63299D-03	-3.88522D-04	7.63768D-03	1.12526D-04	-9.63629D-05	6.84643D-05
193	1.29811D-03	-1.16136D-03	8.02079D-03	2.28186D-04	-7.27946D-04	4.05710D-04
194	1.89361D-03	-1.92117D-03	5.69152D-04	-3.55209D-05	-4.40297D-05	-1.39608D-05
195	4.34842D-04	-4.79806D-04	1.28663D-04	-2.30775D-05	-2.45151D-05	-8.41118D-06
196	-2.17368D-01	-8.89503D-04	1.15090D-01	1.88563D-03	-7.61185D-03	3.46377D-03
197	-2.74521D-01	2.03177D-04	1.48648D-01	1.93493D-03	-7.68623D-03	3.54041D-03
198	-1.80538D-01	2.25651D-02	1.46976D-01	1.90197D-03	-7.72933D-03	3.45272D-03
199	1.46477D-01	7.38184D-02	4.47873D-02	1.87396D-04	-1.11289D-02	1.67801D-03
200	2.02866D-01	4.82744D-02	-1.41093D-01	-4.36120D-04	-1.01914D-02	1.23388D-03
201	2.07337D-01	4.82788D-02	-1.40337D-01	-7.04200D-05	-1.01579D-02	1.41172D-03
202	2.10317D-01	4.82815D-02	-1.40384D-01	8.21757D-05	-1.01371D-02	1.44180D-03
203	2.27704D-01	4.33708D-02	-1.79584D-01	2.73604D-04	-9.91169D-03	1.29237D-03
204	2.49290D-01	3.46669D-02	-2.50157D-01	2.27678D-04	-8.97751D-03	1.29048D-03
205	2.66196D-01	2.60737D-02	-3.05497D-01	1.22781D-04	-8.41050D-03	1.50113D-03
206	2.53491D-01	2.60769D-02	-3.08203D-01	-1.10063D-03	-8.44873D-03	8.16475D-04
207	3.19587D-01	-8.93691D-03	-5.27773D-01	-2.54048D-03	-3.08997D-03	-9.68657D-06
208	2.41321D-01	-2.82262D-07	-2.82439D-01	-6.17270D-03	4.78011D-03	-3.22924D-03
209	-3.23285D-03	-1.60782D-03	8.48833D-03	-1.56819D-06	-4.45651D-06	1.51679D-04
210	-3.19585D-03	-1.12234D-03	8.50732D-03	-2.71053D-06	-5.38988D-06	1.51723D-04
211	-6.52336D-03	-1.00868D-03	8.53722D-03	1.06355D-06	-5.56009D-06	1.54587D-04
212	-3.14610D-03	-6.58647D-04	8.52824D-03	-6.23871D-06	-6.24305D-06	1.49347D-04
213	-2.67099D-03	1.57100D-08	8.73084D-03	-4.80451D-05	-1.54004D-05	1.11991D-04
214	4.78411D-04	6.54056D-09	-7.72913D-04	-3.16166D-05	3.41947D-06	1.61373D-06
215	-8.70823D-06	3.06944D-04	-8.4924 D-04	-4.62270D-05	2.01917D-05	-4.21088D-06
216	-2.13730D-04	-8.04469D-05	-6.14450D-04	-4.93764D-05	2.29309D-05	-6.37231D-06
217	-2.17119D-04	-2.45869D-04	-1.13186D-03	-5.87063D-05	3.00820D-05	-9.70029D-06
218	-1.10982D-03	-7.16366D-04	1.66905D-08	-1.18099D-04	5.94917D-05	-4.25130D-05
219	-4.16622D-03	-7.20227D-04	1.01639D-02	-1.14321D-04	1.01176D-04	-2.81857D-05
220	-4.22245D-03	-7.20246D-04	1.03926D-02	-1.13950D-04	1.01438D-04	-2.80049D-05
221	-4.25060D-03	-8.95835D-04	9.87291D-03	-1.13952D-04	1.01402D-04	-2.80088D-05
222	-4.27810D-03	-7.20256D-04	1.06200D-02	-1.13574D-04	1.01733D-04	-2.78225D-05
223	-4.67327D-03	-7.20515D-04	1.23381D-02	-1.02121D-04	1.11140D-04	-2.26128D-05
224	-4.71809D-03	-7.20522D-04	1.25416D-02	-1.01781D-04	1.11435D-04	-2.24692D-05
225	-4.74685D-03	-8.63556D-04	1.19648D-02	-1.01783D-04	1.11392D-04	-2.24732D-05
226	-4.76237D-03	-7.20520D-04	1.27439D-02	-1.01451D-04	1.11770D-04	-2.23304D-05
227	-2.06267D-03	-2.45027D-04	5.89354D-03	-1.27996D-05	1.57652D-04	2.60584D-06
228	-2.10576D-04	-1.02452D-08	-3.15813D-04	-4.60149D-05	2.05159D-05	-3.84327D-06
229	-2.21146D-04	1.84719D-05	9.92435D-05	-3.67112D-05	1.85022D-05	-1.58053D-06
230	-2.26567D-04	1.84412D-05	2.36735D-04	-3.23088D-05	1.79739D-05	-1.12324D-06
231	-9.71599D-09	1.22763D-04	2.64139D-09	-1.51374D-05	2.02132D-05	-9.23483D-06
232	1.95875D-04	8.56094D-05	-1.21626D-05	4.07032D-06	8.87593D-06	4.23950D-06
233	1.87345D-04	8.55295D-05	-3.99386D-06	4.04377D-06	8.85340D-06	4.24568D-06
234	2.36558D-04	6.25198D-05	-2.83025D-06	4.04354D-06	8.85426D-06	4.24571D-06
235	1.78790D-04	8.54490D-05	4.12103D-06	4.01632D-06	8.83005D-06	4.25086D-06

236	-5.51639D-12	1.75785D-05	2.99122D-10	1.26757D-05	3.75708D-06	2.32746D-06
237	2.31686D-06	1.75702D-05	-1.25249D-05	1.24331D-05	3.62499D-06	2.27611D-06
238	1.57873D-05	1.75562D-05	-8.61603D-05	1.21312D-05	3.45456D-06	2.20414D-06
239	1.57886D-05	3.67297D-06	-6.44472D-05	1.21312D-05	3.44894D-06	2.20382D-06
240	2.87945D-05	1.75419D-05	-1.58025D-04	1.18535D-05	3.29803D-06	2.12425D-06
241	2.78221D-06	2.88005D-06	-1.11095D-05	-2.62530D-06	-3.26946D-07	-5.15990D-07
242	7.12795D-07	4.46590D-07	-6.44901D-07	-1.59395D-06	-1.24195D-07	-4.98373D-07
243	7.20993D-07	4.88529D-06	-1.15416D-06	-1.68868D-06	-3.74661D-09	-4.28235D-07
244	2.21694D-07	1.46587D-06	-4.31797D-0[illegible]	6.10017D-08	-2.18957D-08	-2.99252D-07
245	1.02001D-07	8.65465D-07	-2.93397D-09	9.15430D-08	-1.69398D-08	-2.15185D-07
246	1.45881D-06	8.65536D-07	5.74238D-07	9.15930D-08	-1.69398D-08	-2.15312D-07
247	1.48454D-08	2.23251D-07	-1.59484D-09	7.47979D-08	-1.08169D-08	-1.30804D-07
248	-7.89976D-08	9.70184D-07	-6.25511D-08	-1.43615D-07	3.23860D-09	-2.14602D-07
249	-6.14289D-08	3.33503D-07	-4.29798D-08	-8.59438D-08	-3.33593D-09	-1.54295D-07
250	9.11344D-07	3.33530D-07	-5.84885D-07	-8.59947D-08	-3.33593D-09	-1.54374D-07
251	-2.17396D-08	-8.42590D-09	-2.33628D-08	-4.53097D-08	-4.28025D-09	-9.37905D-08
252	-1.07513D-01	4.94081D-02	1.69036D-01	1.80328D-03	-7.57599D-03	3.14931D-03

M O D A L A N A L Y S I S

MODE NUMBER 15
FREQUENCY= 14.8798 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-4.33007D-02	1.15184D-01	1.06236D-02	1.18323D-03	7.31868D-04	-7.00901D-04
3	-5.30796D-02	1.17676D-01	1.97745D-03	-1.99121D-03	9.89781D-04	-6.92289D-05
4	-5.19003D-02	1.17814D-01	-3.61494D-02	-2.13224D-03	1.06110D-03	-9.65116D-05
5	-5.12591D-02	1.09013D-01	-7.71962D-02	-2.44452D-03	1.10552D-03	-5.49074D-04
6	-5.76205D-02	5.21664D-02	-1.13187D-01	-2.63299D-03	7.00054D-04	-1.46342D-03
7	-6.80156D-02	-9.46164D-02	-1.32581D-01	-2.30666D-03	3.88691D-05	-2.04094D-03
8	-1.63190D-02	-3.20976D-01	-6.87402D-02	4.34017D-04	-1.00980D-03	-8.01789D-05
9	3.38195D-02	-5.84200D-02	-1.91315D-02	2.67154D-03	-2.92656D-05	1.98085D-03
10	3.28124D-02	-9.76008D-07	-2.06669D-02	2.29036D-03	1.33033D-04	1.86748D-03
11	2.80112D-02	1.11514D-01	-2.89380D-02	-1.29603D-03	8.19857D-06	-2.54733D-04
12	1.82478D-02	2.09206D-06	-2.91442D-02	-1.48487D-03	2.43714D-04	-6.04374D-04
13	1.19695D-02	-1.06620D-02	-2.20293D-02	-9.63582D-04	3.66392D-04	-6.21753D-04
14	1.19523D-02	2.36320D-03	2.05763D-02	1.82677D-05	1.63382D-04	1.41005D-04
15	2.97953D-03	2.48376D-03	2.04902D-02	-1.05836D-05	5.24235D-05	8.71462D-05
16	3.06893D-03	7.40781D-04	1.95006D-02	-1.41149D-05	-8.12100D-05	5.39942D-05
17	3.02535D-03	-1.45745D-03	1.13780D-02	-2.69368D-05	-9.52113D-05	9.50938D-07
18	2.36349D-03	-1.20902D-03	9.84535D-03	-3.03152D-05	-1.09515D-04	-8.45025D-06
19	1.03661D-03	-7.21529D-04	8.52643D-03	-3.03057D-05	-1.11457D-04	-1.17358D-05
20	3.43594D-04	-3.25521D-04	6.89756D-03	-2.96252D-05	-1.04326D-04	-1.42524D-05
21	3.14130D-04	3.30552D-04	1.81184D-03	-2.51037D-05	-7.71223D-05	-4.73427D-06
22	3.39657D-04	7.99502D-05	2.40609D-04	-1.15962D-05	-2.75323D-05	1.86669D-05
23	8.29451D-11	-2.17247D-11	3.04773D-11	-1.37263D-09	-1.27734D-09	2.75617D-09
25	4.78815D-03	1.38963D-03	1.47150D-03	1.50721D-05	-7.36228D-05	-2.93039D-05
26	7.20243D-03	2.52025D-04	-9.09754D-05	-1.41543D-04	-3.86001D-05	-6.25703D-05
27	7.91469D-03	2.55419D-04	-1.69240D-03	-1.45235D-04	-3.14199D-05	-6.20457D-05
28	8.77752D-03	-1.74360D-04	-5.21036D-03	-1.83555D-04	1.89284D-05	2.48813D-06
29	8.78025D-03	-1.20992D-04	-5.44335D-03	-1.82184D-04	1.99066D-05	3.74727D-06
30	8.66262D-03	-1.72428D-04	6.84897D-03	-2.16947D-04	-3.49289D-05	6.53446D-06
31	-1.21245D-03	-3.13563D-04	-2.93691D-02	-2.73600D-04	-4.36661D-04	2.20246D-04
32	3.34316D-02	9.69621D-04	5.51598D-03	-5.22859D-05	-4.74452D-04	2.03987D-04
33	4.12074D-02	1.65583D-03	7.71258D-03	4.52870D-05	-1.50813D-05	1.74597D-04
34	3.01672D-02	-8.43294D-03	1.93177D-02	5.85424D-05	1.94429D-04	1.25252D-04
35	2.75212D-02	-7.89470D-03	2.05101D-02	1.09075D-04	1.69719D-04	8.38519D-05
36	-4.76849D-02	8.22806D-02	-1.18637D-01	-2.74835D-03	7.58919D-04	-8.70780D-04
37	-3.59683D-02	9.75636D-02	-1.36614D-01	-5.23633D-04	3.08468D-04	-6.24954D-04
38	-3.56352D-02	9.90310D-02	-2.20180D-03	2.13191D-03	4.58828D-04	8.03790D-04
39	-2.97630D-02	-1.17941D-02	2.35219D-02	2.15875D-03	2.91027D-04	1.52859D-03
40	-1.31096D-02	-3.10097D-02	6.32791D-03	2.10559D-03	2.85948D-04	1.71965D-03
41	-1.17426D-03	-3.10142D-02	-8.35040D-03	2.07295D-03	2.81802D-04	1.65947D-03
42	7.82444D-03	-1.55127D-02	-2.52647D-02	1.51822D-03	4.51851D-04	1.17443D-03
43	5.56686D-04	8.67420D-03	-2.52756D-02	1.43314D-03	4.25523D-04	9.88784D-04
44	-2.57331D-03	1.38658D-02	-2.26966D-02	1.42142D-03	2.14505D-04	5.72535D-04
45	-2.62407D-03	5.18881D-02	8.65601D 03	5.04953D-04	5.52217D-05	1.10030D-04
46	-2.63471D-03	5.14790D-02	8.74396D-03	4.64047D-04	1.09441D-05	3.45136D-04
47	-4.36797D-03	-1.44627D-02	1.06520D-02	5.58057D-04	-2.29727D-04	5.55524D-04
48	-3.53839D-03	-1.54223D-02	9.26782D-03	5.85742D-04	-1.56820D-04	4.71740D-04
49	3.46961D-03	-5.37120D-03	2.62207D-03	1.70487D-04	3.79640D-05	2.31939D-04
50	1.03533D-03	-2.08270D-03	2.13120D-03	1.03162D-04	1.37097D-04	1.16078D-04
51	4.71111D-04	-1.19286D-03	1.49392D-03	1.06349D-04	1.33377D-04	1.02817D-04

52	1.53604D-05	2.26428D-06	2.21892D-05	1.65164D-06	1.17006D-05	1.20485D-06
53	2.80170D-11	1.89008D-11	2.97752D-11	2.45615D-10	1.01401D-09	7.97085D-11
54	2.84872D-02	-1.53580D-04	-1.71571D-02	-1.15258D-04	8.15169D-04	-3.15572D-04
55	1.68115D-03	-6.42570D-03	-2.52390D-02	-7.28556D-05	7.94841D-04	-2.17001D-04
56	-1.04740D-02	-5.37570D-03	-1.72509D-02	3.92258D-05	1.46080D-03	-1.44706D-04
57	-2.59170D-02	-1.38273D-03	3.59075D-02	7.58571D-04	-6.60911D-04	5.25302D-04
58	-1.74508D-02	-5.53635D-03	2.53521D-02	6.05498D-04	-3.85153D-04	7.73867D-04
59	-5.84277D-03	-5.97301D-03	1.56510D-02	5.83660D-04	-2.27431D-04	6.05416D-04
60	-9.26110D-03	-5.85951D-02	4.70326D-02	3.01526D-03	-1.34400D-04	1.87111D-03
61	-2.22868D-02	-2.85940D-02	8.78854D-02	7.81394D-04	-5.20881D-04	2.34143D-04
62	5.84214D-03	-4.67034D-04	9.98393D-02	-8.89545D-05	-1.23449D-04	1.51392D-05
63	4.87936D-03	-4.47503D-03	9.66851D-02	-4.26776D-04	4.86523D-04	-1.06947D-04
64	4.72262D-03	-4.02129D-03	5.25471D-02	-9.70931D-04	6.18351D-04	1.78877D-04
65	-8.60228D-03	4.81118D-03	2.56066D-02	-1.34699D-03	6.59741D-04	1.22882D-03
66	-4.69873D-02	4.78955D-03	-1.59061D-02	-1.37118D-03	5.42269D-04	1.28519D-03
67	-6.81359D-02	2.85549D-04	-3.54618D-02	-7.40979D-04	-1.01848D-04	1.09099D-03
68	-1.20072D-02	1.06622D-02	-3.27869D-03	-1.65864D-04	-4.30754D-04	4.39183D-04
69	-9.34979D-03	1.01356D-02	-2.51427D-03	-1.80388D-04	-2.57705D-04	3.85745D-04
70	-2.55320D-03	3.47110D-03	-2.53567D-03	-1.51148D-04	-3.07110D-05	1.69125D-04
71	-2.01534D-03	6.72084D-03	-2.57905D-03	-1.31949D-04	1.21013D-04	6.70275D-05
72	-1.89688D-03	6.88399D-03	-1.28100D-03	-2.14405D-04	1.22000D-04	-3.94543D-05
73	-8.54281D-03	6.90162D-03	2.60137D-02	-1.95596D-04	2.27038D-04	-5.75693D-05
74	-7.82919D-03	5.90887D-03	2.24065D-02	-9.94367D-06	3.45145D-04	-8.95688D-05
76	-2.49753D-03	-7.92282D-04	-2.31031D-03	-1.15094D-04	3.23109D-05	9.12590D-05
77	-2.45118D-03	-2.35681D-03	-1.00723D-03	-8.82521D-05	5.71063D-05	3.99559D-05
78	-3.30263D-04	-1.03139D-03	4.09094D-05	-1.74733D-05	1.24527D-04	-1.01896D-04
79	1.29603D-03	-8.40542D-04	-7.06987D-04	2.30546D-05	6.37820D-05	4.28026D-05
80	5.74337D-05	-1.31676D-04	-7.13502D-07	1.06796D-05	6.17978D-06	4.08845D-06
82	6.53405D-06	-7.88769D-04	-2.69474D-04	1.89315D-05	5.93807D-06	1.59975D-06
83	6.63990D-05	-6.59479D-04	-3.81272D-04	1.64479D-05	-1.23572D-06	2.36673D-05
84	7.75556D-05	-1.45011D-04	-3.47993D-04	1.08449D-05	-2.15514D-06	2.46467D-05
85	1.49063D-04	-3.32577D-05	-3.47112D-04	-3.61265D-06	-3.77432D-06	2.72096D-06
86	1.14181D-05	-2.89685D-05	-6.03307D-06	-4.85616D-06	-1.84287D-07	-3.01303D-06
87	9.83495D-06	-3.40296D-05	-1.68795D-06	-4.35964D-06	-8.68824D-07	-1.92572D-07
88	6.17117D-06	-1.93410D-05	-5.24194D-08	-1.80664D-06	-5.27896D-07	-3.45299D-07
90	9.64252D-06	-8.72704D-06	-2.06484D-06	-2.07980D-06	9.90946D-07	-2.00422D-06
91	5.68233D-06	-8.06546D-06	-1.54379D-07	3.53546D-07	5.06172D-07	-1.39451D-06
93	-5.81340D-03	1.96980D-02	1.23981D-03	9.25471D-04	3.27840D-04	-3.72430D-04
94	-2.97447D-02	8.60111D-02	7.18453D-03	1.33214D-03	6.48776D-04	-6.64508D-04
95	-5.35961D-02	7.92346D-02	-1.05704D-01	-2.64814D-03	7.65757D-04	-1.34056D-03
96	-5.16459D-02	6.99244D-02	-1.16457D-01	-2.78534D-03	7.40955D-04	-1.05720D-03
97	-6.11568D-02	2.34912D-02	-1.19761D-01	-2.59047D-03	5.98496D-04	-1.63526D-03
98	-6.35023D-02	-5.64439D-07	-1.24124D-01	-2.55673D-03	5.00809D-04	-1.76925D-03
99	1.35852D-02	-2.66864D-01	-3.87852D-02	1.75402D-03	-7.78400D-04	1.17184D-03
100	2.57799D-02	-1.96846D-01	-2.65327D-02	2.34145D-03	-4.84163D-04	1.71683D-03
101	3.30639D-02	-9.55208D-02	-1.97271D-02	2.66193D-03	-1.46070D-04	1.98828D-03
102	3.34448D-02	-2.19493D-02	-1.98301D-02	2.46288D-03	8.25273D-05	1.93586D-03
103	1.37003D-02	-5.85023D-02	1.03556D-02	2.91902D-03	-7.76512D-05	1.94788D-03
104	2.79831D-02	9.94512D-02	-2.90908D-02	-1.55640D-03	7.65321D-05	-4.32830D-04
105	2.59923D-02	6.51937D-02	-2.91893D-02	-1.69574D-03	1.36929D-04	-5.34254D-04
106	4.12933D-02	6.40389D-02	-7.70158D-02	-1.77254D-03	1.43388D-04	-5.70058D-04
107	2.23673D-02	2.91759D-02	-2.91689D-02	-1.66149D-03	1.92145D-04	-5.62856D-04
108	1.19711D-02	-5.60534D-03	-1.90103D-02	-8.98928D-04	3.69331D-04	-5.70342D-04
109	9.00611D-03	-9.56440D-03	-1.90219D-02	-2.97531D-04	4.52310D-04	-6.40211D-05
110	7.59795D-03	-1.00761D-02	-1.90268D-02	-8.77762D-05	4.69109D-04	1.52974D-04
111	5.31352D-03	-9.72221D-03	-1.90345D-02	1.85137D-04	4.72414D-04	4.96548D-04
112	2.49475D-03	-8.14001D-03	-1.90404D-02	3.07901D-04	4.53622D-04	7.17904D-04
113	-2.47170D-02	-9.52828D-03	-1.40816D-02	8.61083D-05	4.62225D-04	1.10139D-03
114	-1.20881D-04	-5.70109D-03	-1.90412D-02	4.62427D-04	4.26045D-04	7.18469D-04
115	-1.20618D-03	-4.30215D-03	-1.90417D-02	5.49573D-04	4.10683D-04	7.18954D-04

116	-2.55389D-03	-2.23082D-03	-1.90422D-02	6.20962D-04	3.98354D-04	7.19577D-04
117	-3.87439D-03	-5.47722D-08	-1.90425D-02	6.44003D-04	3.94428D-04	7.19577D-04
118	-6.45789D-04	-2.23084D-03	-2.07751D-02	6.92101D-04	3.94254D-04	7.32939D-04
119	-6.88342D-03	4.91154D-03	-1.90426D-02	6.44164D-04	3.94654D-04	7.19577D-04
120	3.34754D-03	-2.23086D-03	-2.47785D-02	7.81199D-04	3.85859D-04	7.49882D-04
121	5.31555D-03	-2.19543D-04	-2.78700D-02	7.86182D-04	3.85237D-04	7.50837D-04
122	1.19738D-02	-1.20742D-06	-1.52359D-02	-8.23807D-04	3.63947D-04	-4.79481D-04
123	1.19780D-02	7.11488D-03	-8.49497D-03	-6.81078D-04	3.42302D-04	-2.91497D-04
124	1.19823D-02	1.17623D-02	6.25869D-03	-3.20498D-04	2.62396D-04	4.71181D-05
125	1.19821D-02	1.09621D-02	8.79125D-03	-2.45377D-04	2.40969D-04	9.24951D-05
126	1.19812D-02	8.41703D-03	1.35734D-02	-1.52225D-04	2.11838D-04	1.31034D-04
127	8.22998D-03	8.11321D-03	9.79155D-03	-1.41781D-04	2.11148D-04	1.22828D-04
128	1.19675D-02	5.15135D-03	1.76834D-02	-8.03157D-05	1.86563D-04	1.53211D-04
129	1.19622D-02	4.14748D-03	1.87515D-02	-4.55216D-05	1.77141D-04	1.53273D-04
130	1.37042D-02	1.74127D-03	2.05767D-02	6.50821D-05	1.63478D-04	1.22419D-04
131	1.01956D-02	2.53078D-03	2.05662D-02	1.27530D-05	1.53371D-04	1.33209D-04
132	3.06251D-03	3.59263D-08	1.80896D-02	-1.61762D-05	-8.69049D-05	4.32541D-05
133	3.35324D-04	-9.71399D-05	5.32858D-03	-2.83511D-05	-9.91221D-05	-1.37811D-05
134	1.64763D-02	3.87471D-07	2.05757D-02	1.06235D-04	1.72795D-04	9.36948D-05
135	1.92183D-02	-1.74301D-03	2.05733D-02	1.25470D-04	1.80361D-04	6.83502D-05
136	2.30585D-02	-4.54400D-03	2.05696D-02	1.40727D-04	1.75674D-04	4.73983D-05
137	2.26987D-02	-4.85776D-03	2.53302D-02	1.66272D-04	1.78522D-04	2.50528D-05
138	2.65394D-02	-7.22024D-03	2.05264D-02	1.18321D-04	1.68279D-04	7.18958D-05
139	3.59991D-02	-5.06885D-03	1.32905D-02	2.92146D-05	1.79023D-04	1.68457D-04
140	4.05430D-02	-3.10270D-07	8.49057D-03	3.96326D-05	7.62271D-05	1.73786D-04
141	4.11043D-02	1.00098D-03	7.86022D-03	4.46935D-05	3.03098D-05	1.72621D-04
142	3.96199D-02	2.06280D-03	6.33380D-03	-3.79786D-04	5.14822D-04	5.21285D-04
143	3.83203D-02	2.32396D-03	5.01632D-03	-5.87415D-04	6.75902D-04	6.44935D-04
144	3.56477D-02	2.28008D-03	2.31573D-03	-9.47787D-04	8.72882D-04	8.09208D-04
145	3.17249D-02	1.38178D-03	-1.62908D-03	-1.20814D-03	9.47375D-04	8.86872D-04
146	9.28278D-03	-6.52853D-04	-4.75242D-02	-1.92707D-03	9.39606D-04	7.46551D-04
147	2.76005D-02	3.85798D-04	-5.75557D-03	-1.14247D-03	9.86643D-04	9.56522D-04
148	2.57364D-02	1.55199D-04	-7.62048D-03	-1.10594D-03	1.00881D-03	9.96469D-04
149	2.32907D-02	2.81874D-05	-1.00670D-02	-1.07667D-03	1.02688D-03	1.03013D-03
150	2.08145D-02	-3.37226D-08	-1.25437D-02	-1.06672D-03	1.03325D-03	1.04008D-03
151	2.61269D-02	2.81985D-05	-7.23768D-03	-1.07891D-03	1.00684D-03	1.12152D-03
152	1.52430D-02	-1.43742D-04	-1.81154D-02	-1.06672D-03	1.03331D-03	1.04007D-03
153	3.25195D-02	2.82211D-05	-1.42889D-03	-1.08194D-03	9.65794D-04	1.23619D-03
154	3.56612D-02	3.16537D-04	1.08552D-03	-1.08211D-03	9.62754D-04	1.24263D-03
155	3.01745D-02	2.42444D-07	2.22849D-03	-8.32073D-05	-5.06065D-04	2.09827D-04
156	1.53050D-02	-1.67958D-03	-1.27645D-02	-2.29929D-04	-5.33566D-04	2.22403D-04
157	7.61440D-03	-1.32173D-03	-2.06614D-02	-2.77268D-04	-5.07546D-04	2.25329D-04
158	8.05118D-04	-4.81202D-04	-2.80534D-02	-3.05212D-04	-5.05835D-04	2.24498D-04
159	2.00392D-04	-4.65646D-04	-2.79316D-02	-2.75296D-04	-4.70856D-04	2.22742D-04
160	-3.79269D-03	5.32755D-10	-3.20104D-02	-2.70213D-04	-3.65591D-04	2.14940D-04
161	-8.95953D-03	7.96054D-04	-3.76446D-02	-2.48714D-04	1.25710D-04	1.69863D-04
162	1.98824D-03	8.87104D-09	-1.61275D-02	-2.35325D-04	3.45549D-04	1.03046D-04
163	3.99589D-03	-9.40529D-05	-1.08175D-02	-2.33913D-04	3.17248D-04	8.82002D-05
164	5.10954D-03	-1.32191D-04	-7.52993D-03	-2.32801D-04	2.87559D-04	7.84559D-05
165	8.31537D-03	-1.00783D-04	4.87568D-03	-2.25237D-04	1.12252D-04	3.39478D-05
166	-3.01107D-02	9.90118D-02	-1.71180D-02	2.12413D-03	4.57197D-04	7.78813D-04
167	-4.37402D-02	9.85922D-02	1.93331D-02	2.13518D-03	4.58892D-04	8.10849D-04
168	-3.48573D-02	8.91241D-02	1.40036D-03	2.13316D-03	4.58831D-04	8.22878D-04
169	-3.35592D-02	7.17115D-02	7.13316D-03	2.14570D-03	4.25662D-04	1.00645D-03
170	-3.05847D-02	1.10235D-02	2.00344D-02	2.16214D-03	3.11664D-04	1.42870D-03
171	-2.59751D-02	1.10244D-02	1.28332D-02	2.18431D-03	3.11664D-04	1.36292D-03
172	-2.23685D-02	1.10252D-02	6.94156D-03	2.19746D-03	3.11664D-04	1.32690D-03
173	-1.55850D-02	1.10255D-02	-4.32709D-03	2.19932D-03	3.11664D-04	1.32263D-03
174	-6.66110D-03	1.10256D-02	-1.91836D-02	2.20165D-03	3.11664D-04	1.32182D-03
175	-3.01677D-02	-2.38790D-04	2.18092D-02	2.16104D-03	3.00014D-04	1.48143D-03

176	-7.88020D-03	-3.10117D-02	1.60263D-08	2.09312D-03	2.84171D-04	1.69697D-03
177	-2.59077D-03	3.37822D-08	-1.29732D-02	1.17338D-03	1.76234D-04	-1.16731D-04
178	-2.61016D-03	3.33595D-02	7.62558D-10	8.34845D-04	1.68033D-04	-5.32697D-04
179	-3.27409D-04	2.81523D-08	1.14180D-03	4.85028D-04	-1.09400D-04	4.78594D-04
180	-4.88228D-04	1.09178D-02	1.60170D-03	6.91516D-04	2.16503D-04	4.31895D-05
181	-1.20284D-03	1.23458D-02	3.93342D-03	6.84554D-04	2.56821D-04	8.50462D-05
182	-6.72328D-03	2.24190D-04	1.87703D-02	5.87042D-04	-1.92537D-04	5.89200D-04
183	-6.34552D-03	-2.54276D-03	1.74268D-02	5.85539D-04	-2.07987D-04	5.96444D-04
184	-1.10351D-02	-5.97242D-03	2.01371D-02	6.00229D-04	-2.99349D-04	7.16119D-04
185	-5.27376D-03	-9.37525D-03	1.37217D-02	5.73789D-04	-2.33209D-04	5.85820D-04
186	2.87596D-03	-5.51332D-03	3.30169D-03	4.09202D-04	-6.11456D-05	3.38148D-04
187	3.29298D-03	-4.71641D-03	2.89287D-03	3.73968D-04	-4.84137D-05	3.30844D-04
188	3.60364D-03	-4.19729D-03	2.60407D-03	3.37813D-04	-3.65616D-05	3.26739D-04
189	7.51894D-04	-1.63543D-03	1.81465D-03	1.04617D-04	1.35657D-04	1.09349D-04
190	8.73391D-03	-4.85863D-09	3.56579D-08	-2.05954D-04	-8.57236D-05	-4.54958D-06
191	8.78224D-03	-1.99345D-08	-5.75639D-03	-1.84474D-04	1.22957D-05	5.14028D-06
192	8.78166D-03	-4.73467D-05	-5.65656D-03	-1.83623D-04	1.55623D-05	5.23111D-06
193	8.87557D-03	-1.23594D-04	-7.01853D-03	-1.54462D-04	8.29911D-05	-2.11801D-05
194	3.54024D-03	1.19995D-03	1.04148D-03	2.14582D-05	-7.33553D-05	-2.09514D-05
195	8.84361D-04	3.77462D-04	2.52490D-04	1.93568D-05	-4.70725D-05	-6.10918D-06
196	2.62994D-02	-1.53101D-04	-1.63677D-02	-1.12195D-04	8.07202D-04	-3.11514D-04
197	3.14301D-02	-2.32024D-04	-1.84462D-02	-1.18504D-04	8.15006D-04	-3.21102D-04
198	2.20010D-02	-1.81722D-03	-1.91319D-02	-1.14162D-04	8.19115D-04	-3.10922D-04
199	-1.43735D-02	-4.10682D-03	-4.39489D-03	7.21213D-05	1.47294D-03	-1.18188D-04
200	-2.19056D-02	-1.94144D-03	2.04618D-02	1.39849D-04	1.37356D-03	-7.14708D-05
201	-2.21913D-02	-1.94179D-03	2.01031D-02	8.45796D-05	1.37465D-03	-9.50307D-05
202	-2.23973D-02	-1.94200D-03	1.99575D-02	6.18500D-05	1.37533D-03	-1.00724D-04
203	-2.43970D-02	-1.52998D-03	2.50098D-02	3.44383D-05	1.35275D-03	-9.01065D-05
204	-2.73467D-02	-8.14567D-04	3.46555D-02	3.57830D-05	1.22741D-03	-8.84431D-05
205	-2.96577D-02	-1.06253D-04	4.22186D-02	4.42981D-05	1.14919D-03	-1.11014D-04
206	-2.87737D-02	-1.07006D-04	4.31565D-02	2.13306D-04	1.15409D-03	-3.03646D-05
207	-3.78831D-02	3.00419D-03	7.34512D-02	3.78426D-04	4.30644D-04	3.50060D-05
208	-2.69768D-02	-6.73558D-09	3.92930D-02	7.45058D-04	-6.75353D-04	4.87342D-04
209	-1.35348D-02	-1.67217D-02	9.18017D-02	5.93702D-04	-4.66523D-04	7.58758D-05
210	-9.66726D-03	-1.16455D-02	9.34086D-02	5.86969D-04	-4.54318D-04	6.48636D-05
211	-1.13132D-02	-1.17930D-02	1.07495D-01	6.37629D-04	-4.56138D-04	6.99955D-05
212	-5.95079D-03	-6.79243D-03	9.49199D-02	5.43504D-04	-4.38784D-04	5.56887D-05
213	4.85193D-03	1.40470D-07	9.94210D-02	-3.57901D-05	-1.63272D-04	2.18991D-06
214	-6.78736D-02	3.97067D-08	-3.53141D-02	-7.24462D-04	-1.19582D-04	1.08279D-03
215	-3.28326D-03	4.94850D-03	-2.53074D-03	-1.58781D-04	-1.03028D-04	2.20596D-04
216	-2.53593D-03	1.85708D-03	-2.69011D-03	-1.39881D-04	-7.31463D-06	1.47399D-04
217	-2.55615D-03	5.16362D-03	-2.38496D-03	-1.56154D-04	-1.11644D-05	1.64218D-04
218	-2.15465D-03	6.88612D-03	7.22876D-08	-2.23393D-04	1.27624D-04	-4.36950D-05
219	-6.90706D-03	6.90377D-03	2.00919D-02	-2.28554D-04	2.02601D-04	-6.07970D-05
220	-7.02878D-03	6.90381D-03	2.05493D-02	-2.27778D-04	2.03072D-04	-6.06749D-05
221	-7.08625D-03	6.52866D-03	1.95089D-02	-2.27780D-04	2.02998D-04	-6.06510D-05
222	-7.14987D-03	6.90379D-03	2.10040D-02	-2.26989D-04	2.03613D-04	-6.05694D-05
223	-8.08852D-03	6.90273D-03	2.44307D-02	-2.02440D-04	2.20869D-04	-5.78025D-05
224	-8.20375D-03	6.90268D-03	2.48343D-02	-2.01693D-04	2.21410D-04	-5.77360D-05
225	-8.26423D-03	6.54882D-03	2.36882D-02	-2.01696D-04	2.21320D-04	-5.77123D-05
226	-8.31841D-03	6.90256D-03	2.52351D-02	-2.00965D-04	2.22037D-04	-5.76973D-05
227	-4.04211D-03	3.11626D-03	1.15663D-02	1.20643D-06	3.09195D-04	-8.08452D-05
228	-2.51167D-03	4.89838D-08	-2.54918D-03	-1.24177D-04	1.97045D-05	1.12209D-04
229	-1.96011D-03	-7.92208D-04	-1.63167D-03	-9.88960D-05	3.09373D-05	7.84368D-05
230	-1.66280D-03	-7.92156D-04	-1.25670D-03	-8.94611D-05	3.00755D-05	7.11247D-05
231	-7.76709D-08	-1.02938D-03	-2.98142D-08	-1.72453D-05	1.23830D-04	-9.91293D-05
232	1.66611D-03	-8.44971D-04	-8.96279D-04	2.15714D-05	6.51314D-05	4.27944D-05
233	1.58003D-03	-8.44562D-04	-8.52908D-04	2.17145D-05	6.50148D-05	4.28195D-05
234	1.94450D-03	-9.73339D-04	-8.42318D-04	2.17184D-05	6.50221D-05	4.28200D-05
235	1.49380D-03	-8.44141D-04	-8.09208D-04	2.18528D-05	6.48911D-05	4.28341D-05

236	1.60075D-10	-7.89109D-04	6.58353D-10	1.98159D-05	6.88592D-06	-5.10402D-07
237	-4.41133D-07	-7.89066D-04	-1.95833D-05	1.95610D-05	6.67046D-06	-7.61601D-08
238	6.59540D-07	-7.88993D-04	-1.35875D-04	1.92716D-05	6.39246D-06	5.40227D-07
239	6.59598D-07	-7.93061D-04	-9.56828D-05	1.92716D-05	6.38358D-06	6.13890D-07
240	5.32608D-06	-7.88853D-04	-2.50610D-04	1.90585D-05	6.13648D-06	1.11258D-06
241	2.60582D-05	-2.93380D-05	-2.92501D-05	-6.02471D-06	-4.92806D-07	-3.72909D-06
242	1.13486D-05	-3.87989D-05	-4.73768D-06	-4.50080D-06	-3.50844D-07	-2.22491D-06
243	1.13612D-05	-1.55162D-05	-5.50239D-06	-3.53546D-06	1.58514D-07	-2.93903D-06
244	5.57301D-06	-1.74128D-05	-4.44134D-08	-1.62432D-06	-4.91771D-07	-2.83840D-07
245	2.68870D-06	-8.19542D-06	-3.09684D-08	-1.30840D-06	-4.11662D-07	-2.04546D-07
246	3.98068D-06	-8.19613D-06	-8.28082D-06	-1.30917D-06	-4.11662D-07	-2.04916D-07
247	4.56311D-07	-1.29093D-06	-1.68337D-08	-8.51962D-07	-2.73783D-07	-1.24336D-07
248	5.12511D-06	-7.40215D-06	-1.30013D-07	4.59788D-07	4.63642D-07	-1.14542D-06
249	2.44770D-06	-4.01865D-06	-8.90935D-08	4.99534D-07	3.81345D-07	-8.24044D-07
250	7.64558D-06	-4.01901D-06	3.06053D-06	4.99818D-07	3.81345D-07	-8.24754D-07
251	4.03137D-07	-8.97808D-07	-4.84291D-08	3.71543D-07	2.51384D-07	-5.00908D-07
252	1.42819D-02	-3.68280D-03	-2.14547D-02	-1.02675D-04	7.92687D-04	-2.77799D-04

M O D A L A N A L Y S I S

MODE NUMBER 16
FREQUENCY= 16.0560 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-7.36850D-03	3.92622D-04	1.83241D-03	-2.09533D-05	1.22594D-04	1.13566D-05
3	-1.06766D-02	-1.27624D-03	3.83622D-06	-2.28518D-04	1.95944D-04	1.03233D-04
4	-1.25639D-02	-1.26963D-03	-4.24212D-03	-2.26986D-04	2.06630D-04	1.01824D-04
5	-1.44864D-02	-1.29708D-03	-8.12185D-03	-1.29860D-04	1.80578D-04	7.53377D-05
6	-1.65006D-02	-6.59792D-04	-1.16839D-02	-3.88462D-05	9.58648D-05	5.37622D-05
7	-1.80154D-02	3.59598D-05	-1.45630D-02	-4.05339D-05	7.99929D-06	8.28013D-06
8	-1.05292D-02	-4.09426D-03	-5.49503D-03	3.94452D-06	-1.34925D-04	-3.02531D-05
9	-7.48278D-03	-1.25648D-03	-2.58729D-03	9.60869D-05	5.51618D-05	-2.89810D-06
10	-8.36920D-03	-4.66742D-09	-3.49059D-03	8.55796D-05	6.98965D-05	1.30921D-05
11	-9.47013D-03	4.58763D-03	-5.73154D-03	-5.37404D-05	-1.01085D-04	7.57215D-05
12	-6.98504D-04	1.91481D-07	-5.72513D-03	-4.89778D-05	-1.17003D-04	3.21641D-05
13	9.41495D-04	-3.59438D-04	-6.53310D-03	-1.00915D-05	8.01927D-06	-1.61593D-05
14	1.07912D-03	5.65727D-05	3.71620D-03	1.64599D-06	7.92102D-05	-1.80624D-05
15	-1.21550D-03	7.36333D-05	3.70339D-03	-5.07371D-07	-3.31872D-06	-4.67141D-06
16	-8.62649D-04	5.64142D-05	3.22922D-03	-1.62677D-06	-2.49850D-05	2.80350D-06
17	-8.33867D-04	-5.35054D-04	1.51403D-03	-6.51204D-07	-1.02399D-05	6.33354D-06
18	-8.65384D-04	-6.09134D-04	1.40721D-03	-9.53596D-07	-5.10285D-06	3.67276D-06
19	-9.06876D-04	-6.33247D-04	1.35972D-03	-9.35594D-07	-5.16747D-06	1.76676D-06
20	-9.39330D-04	-6.21970D-04	1.24934D-03	-2.15531D-06	-1.04523D-05	-2.45162D-06
21	-9.20372D-04	-2.70028D-04	4.92515D-04	-4.29766D-06	-1.54667D-05	-1.12156D-05
22	-4.57678D-04	2.86294D-05	7.94582D-05	-3.44000D-06	-1.15020D-05	-1.55759D-05
23	-5.57247D-11	2.37517D-12	9.97644D-12	-4.75356D-10	-1.22425D-09	-2.29886D-09
25	6.84327D-04	3.39738D-03	-1.11970D-04	-3.72869D-05	3.81918D-06	1.64780D-05
26	1.44325D-03	-3.74383D-03	-1.21792D-02	-7.75504D-04	1.06638D-04	-9.84132D-05
27	2.58130D-03	-3.72852D-03	-2.09385D-02	-7.83732D-04	1.17679D-04	-9.51866D-05
28	3.05075D-03	-2.81921D-03	-3.78584D-02	-6.07793D-04	-6.52441D-05	1.01657D-04
29	3.06295D-03	-1.61208D-03	-3.71435D-02	-5.73241D-04	-8.95619D-05	1.01179D-04
30	3.21093D-03	1.16144D-04	9.89755D-03	-2.99833D-04	-3.48043D-05	1.73998D-05
31	3.99642D-04	-4.10061D-06	-3.51934D-03	-2.76716D-05	-9.61296D-05	2.45020D-05
32	7.64005D-03	4.85315D-05	3.74043D-03	-4.08626D-06	-1.09865D-04	9.95758D-06
33	1.01642D-02	3.04691D-05	4.03980D-03	-5.19634D-06	-4.89021D-05	-1.83666D-06
34	1.08880D-02	2.33506D-04	3.41012D-03	-2.08947D-05	3.83657D-05	-4.78622D-05
35	1.00462D-02	3.26918D-04	3.72382D-0[illegible]	-1.00601D-05	7.53691D-05	-6.43549D-05
36	-1.55364D-02	-2.07679D-03	-1.21957D-02	1.38536D-04	4.82142D-05	-1.19067D-04
37	-1.24893D-02	-6.05697D-03	-8.06645D-03	5.12943D-04	-3.22744D-05	-4.57223D-04
38	2.93585D-02	-6.42912D-03	3.58276D-03	-6.36231D-04	-4.40833D-04	-6.74560D-07
39	2.08661D-02	-6.75003D-04	-3.50783D-02	-2.61660D-03	-7.76782D-04	1.98604D-04
40	1.22202D-02	8.16005D-03	-1.22177D-02	-4.02615D-03	-7.07845D-04	-1.20952D-03
41	3.55216D-03	8.14162D-03	1.66479D-02	-4.19145D-03	-7.94538D-04	-1.26371D-03
42	-2.20805D-03	-3.93987D-02	6.03829D-02	-5.74254D-03	-8.94594D-04	-1.70545D-03
43	1.29271D-02	-1.35225D-01	6.04241D-02	-5.87081D-03	-8.92106D-04	-2.00076D-03
44	1.91580D-02	-1.66599D-01	5.58712D-02	-5.66396D-03	-2.81793D-04	-2.79637D-03
45	1.95221D-02	1.90667D-01	-6.37927D-02	-5.97495D-03	-6.04061D-04	1.62444D-03
46	1.96862D-02	1.83286D-01	-6.50070D-0[illegible]	-6.03755D-03	-3.06138D-04	2.12776D-03
47	3.83152D-02	1.28598D-02	-9.60120D-02	-1.85631D-03	1.89274D-03	9.76401D-04
48	3.13349D-02	3.20698D-03	-8.44190D-02	-1.08726D-03	1.35175D-03	-3.67268D-05
49	-3.52321D-02	6.83831D-03	-2.19080D-02	-5.99516D-06	-2.67070D-04	-9.76684D-05
50	-1.55010D-02	1.24757D-03	-1.76659D-02	-4.46974D-04	-1.17419D-03	2.27492D-04
51	-1.06764D-02	5.56545D-04	-1.22181D-02	-4.79386D-04	-1.15029D-03	2.70118D-04

52	-1.68914D-04	-3.93594D-06	-1.70703D-04	-1.46177D-05	-8.57201D-05	1.42683D-05
53	-2.21316D-10	-3.28548D-11	-2.23034D-10	-2.09283D-09	-7.42873D-09	2.05003D-09
54	-1.63321D-01	-1.22052D-03	1.23298D-01	3.17756D-03	-3.20585D-03	2.87892D-03
55	-6.48059D-02	1.32938D-01	1.5248[illegible]D-01	2.94027D-03	-2.96633D-03	2.59338D-03
56	2.42718D-03	1.44117D-01	1.00523D-01	1.87782D-03	-1.02370D-02	2.56069D-03
57	9.72746D-02	1.63662D-02	-2.32560D-01	-2.28330D-03	5.48715D-03	-3.91745D-03
58	5.41078D-02	4.73225D-02	-1.75460D-01	-2.25966D-03	3.13501D-03	-1.18662D-03
59	5.03993D-02	4.93210D-02	-1.36998D-01	-2.34929D-03	1.85759D-03	1.26887D-03
60	-7.02994D-03	-1.26255D-03	1.28125D-04	1.30523D-04	8.06528D-06	-3.24567D-05
61	-4.27295D-03	-2.46592D-04	2.80186D-03	1.03536D-04	-1.39476D-04	-1.93313D-04
62	5.38323D-03	-1.58420D-04	6.73198D-03	3.38057D-05	-8.06511D-05	-1.39433D-04
63	5.66575D-03	-1.41283D-03	6.74209D-03	3.35702D-05	5.60316D-05	-6.15902D-05
64	5.64409D-03	-2.67664D-03	9.36287D-04	-3.21739D-05	8.42021D-05	3.18472D-05
65	2.80230D-03	-8.06257D-04	-1.15798D-03	-7.90854D-05	8.73832D-05	2.62223D-04
66	-5.38576D-03	-8.05498D-04	-3.69663D-03	-8.60342D-05	7.31079D-05	2.73710D-04
67	-9.61440D-03	-1.02540D-04	-5.19089D-03	-7.90623D-05	-1.46268D-05	2.05526D-04
68	-1.56967D-03	2.81243D-03	-5.34566D-04	-4.69904D-05	-6.03959D-05	8.40586D-05
69	-1.20921D-03	2.61280D-03	-4.27825D-04	-4.52732D-05	-3.38236D-05	7.74206D-05
70	-3.04675D-04	1.03412D-03	-4.22606D-04	-2.92742D-05	-7.20083D-06	4.82782D-05
71	-7.24138D-05	2.12195D-03	-1.43754D-04	-2.01977D-05	-3.82798D-06	3.80814D-05
72	2.60887D-04	2.28751D-03	2.56755D-07	-5.92250D-07	1.50069D-06	1.38013D-05
73	6.08577D-04	2.29922D-03	-7.09676D-04	8.95251D-06	-4.67765D-06	-5.84516D-06
74	2.61935D-04	1.87221D-03	-7.32144D-04	9.43640D-06	-1.08290D-05	-2.53875D-05
76	-3.00769D-04	-2.22796D-04	-4.02904D-04	-2.26972D-05	5.84179D-06	2.60039D-05
77	-2.97385D-04	-6.54444D-04	-1.55229D-04	-1.78413D-05	1.09601D-05	1.22857D-05
78	-3.76183D-05	-4.99027D-04	1.67615D-05	-6.34909D-06	2.33283D-05	-1.19885D-05
79	2.02100D-04	-4.07312D-04	-3.39620D-04	1.06570D-05	1.06057D-05	5.52392D-06
80	9.51261D-06	-6.41834D-05	-3.84149D-07	5.19748D-06	1.06626D-06	4.42734D-07
82	-4.41681D-05	-2.21589D-04	-6.47419D-05	4.58390D-06	2.17212D-07	-2.69526D-06
83	-3.73981D-05	-1.92978D-04	-8.70425D-05	4.96598D-06	-1.43905D-06	6.20413D-06
84	-2.83017D-05	-4.67256D-05	-6.10258D-05	3.59105D-06	-1.50390D-06	7.13459D-06
85	-2.00906D-06	-1.06642D-05	-6.13374D-05	-1.25437D-07	-1.67692D-06	1.75993D-06
86	2.50179D-06	-9.29035D-06	-1.38841D-06	-9.58764D-07	-8.19071D-08	-4.28676D-07
87	2.16351D-06	-8.54562D-06	-3.40038D-07	-9.51597D-07	-1.83010D-07	1.04237D-07
88	1.38340D-06	-4.94523D-06	-2.67494D-09	-4.43137D-07	-1.16923D-07	7.89896D-09
90	2.07765D-06	-5.16963D-06	-5.07489D-07	-2.20557D-07	2.37320D-07	-4.76473D-07
91	1.16573D-06	-3.84773D-06	-4.81122D-08	2.49845D-07	1.07267D-07	-3.28516D-07
93	-1.00540D-03	2.80482D-04	2.2327[illegible]D-04	1.04903D-05	5.64060D-05	-9.49010D-07
94	-5.08772D-03	6.33719D-04	1.24928D-03	-4.33096D-06	1.09647D-04	5.76155D-06
95	-1.59543D-02	-1.00111D-03	-1.06624D-02	-5.99324D-05	1.04332D-04	6.51519D-05
96	-1.58365D-02	-1.10032D-03	-1.20369D-02	8.70407D-05	6.61877D-05	-6.13370D-05
97	-1.69963D-02	-2.64833D-04	-1.26142D-02	-3.62699D-05	8.47571D-05	4.95320D-05
98	-1.73337D-02	-8.81515D-08	-1.32496D-02	-3.68516D-05	7.26323D-05	4.14105D-05
99	-6.92951D-03	-4.20636D-03	-1.97201D-03	4.00797D-05	-6.38843D-05	-1.90756D-05
100	-6.41120D-03	-3.49357D-03	-1.50445D-03	6.32785D-05	7.39042D-07	-1.14557D-05
101	-7.06476D-03	-1.95146D-03	-2.16580D-03	8.81682D-05	4.60794D-05	-4.56269D-06
102	-8.00394D-03	-4.96603D-04	-3.11866D-03	9.00324D-05	6.62097D-05	7.24117D-06
103	-7.35713D-03	-1.25932D-03	-1.43359D-03	1.17444D-04	3.34867D-05	-1.80819D-05
104	-8.53049D-03	4.08305D-03	-5.73950D-03	-6.71308D-05	-1.19510D-04	7.76808D-05
105	-5.90867D-03	2.59305D-03	-5.74450D-03	-7.48089D-05	-1.28833D-04	7.87966D-05
106	-8.29225D-03	2.79833D-03	-7.70713D-03	-8.37569D-05	-1.28081D-04	8.86972D-05
107	-3.06145D-03	1.07633D-03	-5.73554D-03	-6.64992D-05	-1.31603D-04	5.97752D-05
108	9.49423D-04	-1.88926D-04	-6.39009D-03	-8.90834D-06	2.03225D-05	-1.60632D-05
109	7.86160D-04	-9.91988D-05	-6.39986D-03	1.48359D-05	2.42092D-05	5.14880D-06
110	7.11206D-04	-4.12013D-05	-6.40401D-03	1.05467D-05	2.43166D-05	1.42397D-05
111	5.95878D-04	-1.26709D-05	-6.41053D-03	-1.39973D-05	2.25463D-05	2.86335D-05
112	4.65864D-04	-1.60913D-04	-6.41563D-03	-4.56760D-05	1.96593D-05	3.79070D-05
113	-8.72189D-04	-5.27814D-04	-1.13566D-02	-2.46647D-04	8.30004D-06	5.38696D-05
114	3.44303D-04	-2.85122D-04	-6.41500D-03	-6.51871D-06	2.06025D-05	3.79902D-05
115	2.89089D-04	-2.55351D-04	-6.41608D-03	1.55828D-05	2.11356D-05	3.80616D-05

116	2.16428D-04	-1.47875D-04	-6.41628D-03	3.37227D-05	2.15705D-05	3.81533D-05
117	1.42723D-04	-1.38429D-08	-6.41636D-03	3.95144D-05	2.17248D-05	3.81533D-05
118	3.19405D-04	-1.47873D-04	-6.53621D-03	5.54386D-05	2.09774D-05	4.01104D-05
119	-2.29353D-05	3.01360D-04	-6.41644D-03	3.95259D-05	2.17257D-05	3.81533D-05
120	5.42821D-04	-1.47869D-04	-6.92065D-03	8.26442D-05	1.97630D-05	4.25722D-05
121	6.60416D-04	6.68996D-05	-7.25091D-03	8.41709D-05	1.96731D-05	4.27104D-05
122	9.59393D-04	-1.65480D-07	-6.08189D-03	-7.82639D-06	3.22789D-05	-1.19626D-05
123	9.78238D-04	1.04593D-04	-5.28344D-03	-5.77068D-06	4.98862D-05	-2.07438D-06
124	1.02525D-03	-1.19589D-04	-2.03781D-03	-5.77319D-07	7.92305D-05	4.71936D-06
125	1.03494D-03	-1.70049D-04	-1.21740D-03	5.04632D-07	8.22869D-05	2.85257D-06
126	1.05061D-03	-2.06957D-04	5.51903 -04	1.84628D-06	8.38520D-05	-1.62409D-06
127	9.35907D-04	-2.01733D-04	6.20897D-04	2.54744D-06	8.37606D-05	-2.71067D-06
128	1.06457D-03	-1.36109D-04	2.32111D-03	1.76180D-06	8.29812D-05	-7.18086D-06
129	1.06972D-03	-8.89551D-05	2.82083D-03	1.72093D-06	8.19021D-05	-1.06885D-05
130	2.05579D-03	2.69720D-05	3.71905D-03	1.56401D-06	9.18299D-05	-3.03799D-05
131	3.16427D-04	7.11341D-05	3.71492D-03	1.12485D-06	6.25200D-05	-1.61243D-05
132	-8.58211D-04	-4.76865D-09	2.83816D-03	-1.46993D-06	-2.38127D-05	4.55128D-06
133	-9.34092D-04	-5.70202D-04	1.06780D-03	-2.75901D-06	-1.26908D-05	-4.61513D-06
134	3.78638D-03	5.54010D-08	3.72300D-03	-8.38747D-07	1.04563D-04	-4.94160D-05
135	5.46051D-03	4.63605D-05	3.72614D-03	-3.19298D-06	1.06696D-04	-6.62125D-05
136	7.70870D-03	1.32024D-04	3.72931D-03	-3.18503D-06	9.76826D-05	-8.00979D-05
137	1.03439D-02	2.76711D-04	3.92782D-03	1.35606D-06	9.86681D-05	-9.21263D-05
138	9.57640D-03	2.67017D-04	3.72535D-03	-8.20215D-06	8.21467D-05	-6.95183D-05
139	1.14153D-02	-1.29758D-04	2.85398D-03	-2.13113D-05	-8.92924D-07	-2.36320D-05
140	1.07217D-02	-4.58600D-08	3.50323D-03	-1.09735D-05	-3.41883D-05	-6.94864D-06
141	1.04155D-02	2.06453D-05	3.79666D-03	-7.38612D-06	-4.15993D-05	-3.85128D-06
142	1.01785D-02	6.59353D-05	3.54977D-03	-1.08887D-04	1.19456D-04	1.18928D-04
143	9.85515D-03	9.56587D-05	3.22221D-03	-1.59531D-04	1.73797D-04	1.64385D-04
144	9.13399D-03	9.43605D-05	2.49444D-03	-2.48511D-04	2.41495D-04	2.27598D-04
145	8.03172D-03	-4.13584D-05	1.38698D-03	-3.13682D-04	2.68535D-04	2.60482D-04
146	1.01840D-03	-5.72116D-04	-1.05028D-02	-4.99002D-04	2.67322D-04	2.42578D-04
147	6.85277D-03	-1.59230D-04	2.07474D-04	-2.94512D-04	2.83315D-04	2.81056D-04
148	6.31448D-03	-1.50561D-04	-3.30995D-04	-2.83899D-04	2.91655D-04	2.92874D-04
149	5.60400D-03	-8.97703D-05	-1.04169D-03	-2.75469D-04	2.98445D-04	3.02852D-04
150	4.88209D-03	-9.93558D-09	-1.76369D-03	-2.72532D-04	3.00818D-04	3.05789D-04
151	6.43890D-03	-8.97686D-05	-3.10806D-04	-2.80874D-04	2.91381D-04	3.30472D-04
152	3.26010D-03	1.79359D-04	-3.38575D-03	-2.72527D-04	3.00821D-04	3.05794D-04
153	8.32534D-03	-8.97647D-05	1.22061D-03	-2.87707D-04	2.76915D-04	3.65136D-04
154	9.26885D-03	5.27318D-05	1.85428D-03	-2.88090D-04	2.75843D-04	3.67081D-04
155	6.90630D-03	2.18992D-08	3.00374D-03	-6.24506D-06	-1.11777D-04	1.21433D-05
156	3.84130D-03	-1.03302D-04	-7.26496D-05	-1.90791D-05	-1.08394D-04	1.81351D-05
157	2.28002D-03	-7.28271D-05	-1.67029D-03	-2.41351D-05	-1.05159D-04	1.90080D-05
158	1.65841D-03	-3.18641D-06	-2.22097D-03	-2.67135D-05	-1.04891D-04	1.70824D-05
159	7.11504D-04	-8.24185D-06	-3.20491D-03	-2.57625D-05	-1.00805D-04	2.20809D-05
160	-1.96713D-04	6.08128D-09	-4.12399D-03	-3.20731D-05	-8.57496D-05	2.90751D-05
161	-2.04509D-03	-8.37233D-05	-6.21712D-03	-7.65655D-05	1.24691D-05	5.21326D-05
162	3.48991D-04	5.12800D-09	-1.29341D-03	-1.46701D-04	1.05565D-04	5.31468D-05
163	9.91107D-04	1.03318D-04	4.27256D-04	-1.62446D-04	1.13949D-04	5.03461D-05
164	1.42254D-03	1.86780D-04	1.71597D-03	-1.73538D-04	1.16728D-04	4.83110D-05
165	3.01834D-03	5.54875D-04	8.33564D-03	-2.36524D-04	7.52514D-05	3.52411D-05
166	2.93046D-02	-6.42345D-03	7.93929D-03	-6.10669D-04	-4.36403D-04	-1.50816D-05
167	2.94172D-02	-6.37833D-03	-2.94991D-03	-6.36825D-04	-4.40809D-04	-6.65266D-06
168	2.86148D-02	-5.46128D-03	1.21710D-04	-6.75637D-04	-4.45089D-04	2.48088D-05
169	2.73026D-02	-4.80667D-03	-5.80330D-03	-1.06082D-03	-4.92794D-04	2.03087D-04
170	2.27356D-02	-3.56861D-03	-2.65480D-02	-2.21216D-03	-6.87899D-04	2.97627D-04
171	2.39853D-02	-3.56895D-03	-1.92340D-02	-2.20585D-03	-6.87899D-04	4.40351D-04
172	2.52938D-02	-3.56922D-03	-1.33092D-02	-2.20332D-03	-6.87899D-04	5.19843D-04
173	2.79959D-02	-3.56935D-03	-2.01787D-03	-2.20330D-03	-6.87899D-04	5.29672D-04
174	3.15925D-02	-3.56938D-03	1.28631D-02	-2.20512D-03	-6.87899D-04	5.34139D-04
175	2.18289D-02	-2.38778D-03	-3.06843D-02	-2.41261D-03	-7.30182D-04	2.56496D-04

176	8.48378D-03	8.15217D-03	1.87302D-08	-4.09994D-03	-7.44999D-04	-1.23312D-03
177	1.92888D-02	5.54050D-08	4.33989D-02	-5.74813D-03	-3.20577D-04	-3.39729D-03
178	1.94288D-02	2.07069D-01	-2.93433D-08	-5.86300D-03	-8.94126D-04	-1.50830D-03
179	7.76697D-03	4.12173D-07	-2.57503D-02	-2.78304D-03	8.45610D-04	-5.04242D-03
180	4.50742D-03	7.80943D-01	-1.47648D-02	-3.00676D-03	-1.73227D-03	-1.84051D-04
181	1.03149D-02	7.61224D-01	-3.37309D-02	-3.62451D-03	-2.10901D-03	2.16489D-03
182	5.75853D-02	8.61114D-02	-1.62427D-01	-2.60092D-03	1.56317D-03	2.00320D-03
183	5.45085D-02	6.80195D-02	-1.51496D-01	-2.49552D-03	1.69415D-03	1.69849D-03
184	4.79409D-02	4.90638D-02	-1.55014D-01	-2.36226D-03	2.43476D-03	-1.27285D-04
185	4.57506D-02	3.40594D-02	-1.21224D-01	-2.15441D-03	1.91069D-03	1.14391D-03
186	-2.62846D-02	-1.10827D-02	-3.09986D-02	-1.34979D-04	5.82903D-04	-4.51770D-04
187	-3.03292D-02	-8.59680D-03	-2.70828D-02	-7.97745D-05	4.73286D-04	-4.43854D-04
188	-3.34373D-02	-6.02570D-03	-2.42338D-02	-4.45413D-05	3.71161D-04	-4.21784D-04
189	-1.30814D-02	8.88371D-04	-1.49644D-02	-4.62814D-04	-1.16543D-03	2.48910D-04
190	3.17854D-03	1.64339D-08	-2.12299D-08	-3.86294D-04	-1.91863D-04	-1.67457D-05
191	3.07671D-03	-4.09390D-08	-3.54287D-02	-5.55228D-04	-1.23491D-04	7.65268D-05
192	3.07167D-03	-5.47896D-04	-3.61407D-02	-5.61918D-04	-1.08788D-04	8.64874D-05
193	1.58831D-03	-1.58161D-03	-4.14640D-02	-3.25979D-04	-3.36763D-04	2.26471D-04
194	6.58457D-04	3.35887D-03	-5.95809D-05	8.71126D-06	-3.31609D-06	2.52115D-05
195	2.48161D-04	1.26125D-03	-3.82295D-05	4.55406D-05	-9.13792D-06	2.37807D-05
196	-1.43379D-01	-1.22643D-03	1.01250D-01	3.13176D-03	-3.17463D-03	2.83414D-03
197	-1.91526D-01	2.57377D-04	1.55887D-01	3.20949D-03	-3.20479D-03	2.91816D-03
198	-1.37737D-01	3.08297D-02	1.31054D-01	3.17929D-03	-3.21185D-03	2.86872D-03
199	3.00487D-02	1.27140D-01	9.18799D-03	1.63693D-03	-1.05464D-02	2.47377D-03
200	8.47472D-02	9.32241D-02	-1.71804D-01	1.14782D-03	-1.01096D-02	2.32376D-03
201	9.28715D-02	9.32288D-02	-1.76644D-01	1.69731D-03	-1.02028D-02	2.53390D-03
202	9.81927D-02	9.32315D-02	-1.80432D-01	1.92362D-03	-1.02609D-02	2.59243D-03
203	1.20620D-01	8.58809D-02	-2.28121D-01	2.19177D-03	-1.01859D-02	2.55521D-03
204	1.42757D-01	7.17614D-02	-3.00506D-01	2.18582D-03	-9.12874D-03	2.66240D-03
205	1.59819D-01	5.83367D-02	-3.56308D-01	2.17435D-03	-8.46656D-03	2.77640D-03
206	1.35638D-01	5.83261D-02	-3.40390D-01	6.33541D-04	-8.60710D-03	2.15197D-03
207	2.03055D-01	-9.75447D-03	-5.65360D-01	-4.11619D-04	-3.04849D-03	1.53008D-03
208	1.06056D-01	5.87490D-07	-2.60648D-01	-2.21028D-03	5.61307D-03	-3.60801D-03
209	-1.77693D-03	6.43419D-05	3.83131D-03	9.67090D-05	-1.40268D-04	-2.01200D-04
210	-6.03266D-04	1.87851D-04	4.30763D-03	9.64697D-05	-1.38620D-04	-2.01812D-04
211	3.73972D-03	6.66525D-06	6.56470D-03	1.00066D-04	-1.38716D-04	-2.03861D-04
212	5.43760D-04	2.99046D-04	4.77137D-03	9.32113D-05	-1.36330D-04	-1.99836D-04
213	4.76795D-03	5.66854D-09	6.48287D-03	4.08351D-05	-8.90377D-05	-1.50110D-04
214	-9.57778D-03	-1.28087D-09	-5.16950D-03	-7.85022D-05	-1.72069D-05	2.03327D-04
215	-4.18133D-04	1.34642D-03	-4.23922D-04	-3.46598D-05	-1.50332D-05	5.52028D-05
216	-3.03472D-04	5.57434D-04	-4.63030D-04	-2.72189D-05	-2.35573D-06	4.30320D-05
217	-3.04683D-04	1.53191D-03	-3.50783D-04	-2.66736D-05	-7.40893D-06	4.87879D-05
218	3.40059D-04	2.28861D-03	-7.78720D-10	4.91895D-07	1.16323D-06	1.25865D-05
219	7.29086D-04	2.29911D-03	-4.61705D-04	8.64327D-06	-3.33627D-06	-2.36807D-06
220	7.24203D-04	2.29915D-03	-4.79076D-04	8.65553D-06	-3.36449D-06	-2.45346D-06
221	7.24294D-04	2.28803D-03	-4.63140D-04	8.65602D-06	-3.36253D-06	-2.44303D-06
222	7.19095D-04	2.29916D-03	-4.96440D-04	8.66633D-06	-3.39458D-06	-2.54485D-06
223	6.53267D-04	2.29944D-03	-6.38385D-04	8.90876D-06	-4.35409D-06	-5.13452D-06
224	6.42801D-04	2.29944D-03	-6.56235D-04	8.91330D-06	-4.38418D-06	-5.20541D-06
225	6.42381D-04	2.27344D-03	-6.34862D-04	8.91382D-06	-4.38144D-06	-5.19507D-06
226	6.32146D-04	2.29942D-03	-6.74053D-0	8.91730D-06	-4.41689D-06	-5.28107D-06
227	1.38388D-04	9.69629D-04	-3.84524D-04	8.36765D-06	-1.00981D-05	-2.28898D-05
228	-3.01769D-04	2.71266D-08	-4.45558D-04	-2.43542D-05	3.23547D-06	3.25895D-05
229	-1.49346D-04	-2.22769D-04	-2.69217D-04	-1.94532D-05	5.54852D-06	2.17503D-05
230	-6.77690D-05	-2.22750D-04	-1.95542D-04	-1.75586D-05	5.36451D-06	1.92499D-05
231	-5.83944D-09	-4.98075D-04	-6.48982D-09	-6.36370D-06	2.31822D-05	-1.16689D-05
232	2.49677D-04	-4.09471D-04	-4.26888D-04	9.90954D-06	1.08857D-05	5.46814D-06
233	2.38666D-04	-4.09271D-04	-4.06951D-04	9.98199D-06	1.08613D-05	5.47685D-06
234	2.99120D-04	-4.64933D-04	-4.06847D-04	9.98416D-06	1.08626D-05	5.47701D-06
235	2.27620D-04	-4.09067D-04	-3.86847D-04	1.00517D-05	1.08357D-05	5.48399D-06

236	7.61521D-11	-2.21700D-04	1.35158D-10	4.72497D-06	4.13357D-07	-3.57764D-06
237	-3.52737D-06	-2.21685D-04	-4.67887D-06	4.67965D-06	3.67353D-07	-3.39104D-06
238	-2.31872D-05	-2.21660D-04	-3.25620D-05	4.63004D-06	3.07999D-07	-3.13394D-06
239	-2.34896D-05	-2.02114D-04	-3.06515D-05	4.63004D-06	3.04684D-07	-3.11208D-06
240	-4.13382D-05	-2.21616D-04	-6.01836D-05	4.59863D-06	2.56854D-07	-2.89277D-06
241	4.56006D-06	-9.40876D-06	-6.03394D-06	-1.20111D-06	-2.18979D-07	-4.94496D-07
242	2.48570D-06	-1.04263D-05	-1.00022D-06	-9.36677D-07	-1.02259D-07	-2.59982D-07
243	2.49130D-06	-6.99365D-06	-1.34025D-06	-6.27175D-07	1.67549D-08	-4.88855D-07
244	1.24977D-06	-4.45891D-06	-2.32437D-09	-4.05087D-07	-1.09476D-07	6.41287D-09
245	6.04740D-07	-2.12390D-06	-1.73564D-09	-3.32399D-07	-9.21210D-08	4.49551D-09
246	5.76981D-07	-2.12411D-06	-2.09790D-06	-3.32626D-07	-9.21210D-08	4.43311D-09
247	1.03508D-07	-3.47008D-07	-9.43453D-10	-2.18618D-07	-6.14262D-08	2.73266D-09
248	1.05028D-06	-3.50277D-06	-4.04946D-08	2.63519D-07	9.69686D-08	-2.69857D-07
249	4.97237D-07	-1.79527D-06	-2.77020D-08	2.47684D-07	7.86252D-08	-1.94175D-07
250	1.72222D-06	-1.79545D-06	1.53420D-06	2.47850D-07	7.86252D-08	-1.94362D-07
251	7.97384D-08	-3.55363D-07	-1.50582D-08	1.73961D-07	5.14438D-08	-1.18032D-07
252	-1.07882D-01	6.85411D-02	1.39875D-01	3.13804D-03	-2.88995D-03	2.78243D-03

M O D A L A N A L Y S I S

MODE NUMBER 17
FREQUENCY= 416.2561 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.91217D-02	3.47129D-02	-7.91401D-03	3.33626D-04	-3.89479D-04	-4.27854D-04
3	3.87071D-02	3.76152D-02	-1.03969D-02	-3.67708D-04	-2.85935D-04	-3.76362D-04
4	4.56430D-02	3.76452D-02	-1.75723D-02	-4.12594D-04	-2.30499D-04	-3.82899D-04
5	5.16107D-02	3.39730D-02	-2.47795D-02	-6.68385D-04	-9.06271D-05	-3.54942D-04
6	5.26523D-02	1.55409D-02	-3.14265D-02	-8.42893D-04	1.66381D-04	-4.13398D-04
7	4.83643D-02	-2.59428D-02	-3.91241D-02	-7.95826D-04	1.50196D-04	-4.32855D-04
8	4.73568D-02	-7.93927D-02	-4.11713D-02	-2.06784D-04	-2.30497D-04	3.57227D-04
9	9.86420D-02	-1.22670D-02	1.03653D-02	5.60172D-05	-7.98355D-04	9.44551D-04
10	1.09550D-01	-2.28587D-07	2.10530D-02	8.86997D-05	-8.04273D-04	7.46807D-04
11	1.22662D-01	1.27690D-02	4.27899D-02	-9.13831D-05	1.14934D-03	-1.08476D-03
12	1.57695D-02	-1.03328D-06	4.25460D-02	-3.33074D-04	1.50978D-03	-7.70793D-04
13	-7.34796D-03	-2.38195D-03	5.65132D-02	-4.93815D-04	1.36002D-04	-1.96507D-04
14	-9.00524D-03	4.13305D-04	-3.80887D-02	-2.52103D-05	-8.47390D-04	3.25626D-04
15	1.42858D-02	4.79493D-04	-3.79617D-02	1.33441D-05	5.59708D-05	1.19117D-04
16	1.01857D-02	-1.49208D-04	-3.26964D 02	2.84324D-05	2.69630D-04	4.70820D-06
17	9.85189D-03	4.87634D-03	-1.48004D-02	7.91861D-06	9.66965D-05	-6.83938D-05
18	1.00729D-02	5.73696D-03	-1.39048D-02	8.60548D-06	3.51417D-05	-4.61097D-05
19	1.02675D-02	6.11687D-03	-1.36409D-02	8.13009D-06	3.52823D-05	-2.78371D-05
20	1.04898D-02	6.16548D-03	-1.27342D-02	2.12243D-05	9.61878D-05	1.55126D-05
21	1.02694D-02	2.90904D-03	-5.25683D-03	4.59406D-05	1.58440D-04	1.15352D-04
22	5.17967D-03	-3.19981D-04	-8.78311D-04	3.79549D-05	1.24510D-04	1.75934D-04
23	6.47253D-10	-3.99714D-11	-1.06370D-10	5.26627D-09	1.35630D-08	2.62248D-08
25	3.29562D-03	-8.81294D-03	1.78138D-03	8.32348D-05	-8.99069D-05	-7.46131D-05
26	4.22661D-03	7.61143D-03	3.05624D-02	1.83897D-03	-3.34661D-04	1.87890D-04
27	2.03896D-03	7.57547D-03	5.13300D-02	1.86280D-03	-3.57655D-04	1.82029D-04
28	1.24701D-03	5.65289D-03	9.46855D-02	1.54708D-03	2.17173D-05	-1.92608D-04
29	1.21936D-03	3.35071D-03	9.44389D-02	1.47855D-03	7.54989D-05	-1.87155D-04
30	5.78706D-04	-1.13644D-03	-2.83085D-02	8.24280D-04	7.71507D-05	-5.02449D-05
31	1.00507D-02	-9.01684D-05	4.12142D-02	1.64441D-04	1.08086D-03	-1.54280D-04
32	-7.42531D-02	-9.36973D-05	-4.33237D-02	2.81350D-05	1.30143D-03	-2.08839D-05
33	-1.04883D-01	5.13566D-04	-4.65869D-02	8.90327D-05	6.32385D-04	1.15623D-04
34	-1.17700D-01	-7.38221D-03	-3.47886D-02	2.96506D-04	-3.98235D-04	6.73028D-04
35	-1.08587D-01	-8.27711D-03	-3.81473D-02	1.85050D-04	-8.30942D-04	8.60927D-04
36	5.57942D-02	2.67057D-02	-3.31308D-02	-9.30897D-04	2.60977D-04	-9.63294D-05
37	5.67243D-02	3.35276D-02	-3.98351D-02	-2.11651D-04	6.16293D-05	3.01472D-04
38	-7.84036D-03	3.42079D-02	-6.78250D-04	5.62219D-04	1.11322D-04	6.10901D-04
39	-6.76001D-03	-9.22816D-03	3.98981D-03	3.81578D-04	1.19668D-05	5.15632D-04
40	-2.52352D-03	-1.43282D-02	8.22058D-04	2.76189D-04	-1.80877D-05	3.97964D-04
41	2.05612D-04	-1.43305D-02	-1.04627D-03	2.55917D-04	-2.99472D-05	3.72391D-04
42	2.53898D-03	-1.35244D-02	-2.47912D-03	4.25219D-06	1.60106D-05	1.61259D-04
43	2.36337D-03	-1.37651D-02	-2.47809D-03	-3.03005D-05	1.07363D-05	6.43763D-05
44	2.18797D-03	-1.38657D-02	-2.20335D-03	-1.98106D-05	4.60548D-05	-1.50623D-04
45	2.21881D-03	2.61369D-02	-7.15930D-03	-4.52159D-04	-8.79357D-05	1.94325D-04
46	2.24616D-03	2.53203D-02	-7.35477D-03	-4.68617D-04	-5.84835D-05	2.82434D-04
47	4.75716D-03	1.01433D-03	-1.23589D-02	-4.03645D-04	2.37722D-04	2.43722D-05
48	3.87526D-03	-1.23089D-04	-1.08927D-02	-2.79750D-04	1.71588D-04	-1.31833D-04
49	-4.41617D-03	2.86612D-03	-3.06472D-03	-4.58580D-05	-3.88104D-05	-1.01607D-04
50	-1.70817D-03	1.16616D-03	-2.49505D-03	-8.84100D-05	-1.58303D-04	-3.22919D-05
51	-1.05739D-03	6.85375D-04	-1.76006D-03	-9.27920D-05	-1.54747D-04	-2.37563D-05

52	-2.02457D-05	-6.47736D-07	-2.47324D-05	-2.31545D-06	-1.21841D-05	4.66251D-07
53	-3.04493D-11	-5.40690D-12	-3.16915D-11	-3.24231D-10	-1.05591D-09	1.13419D-10
54	-7.36442D-03	3.31583D-03	1.72454D-02	-1.70164D-03	3.26263D-05	-1.02526D-05
55	-7.65784D-03	-5.46490D-02	1.70639D-02	-1.61192D-03	-9.37150D-05	-3.17284D-04
56	-1.27564D-03	-6.74945D-02	1.13355D-02	-1.17733D-03	-1.19335D-03	-7.32443D-04
57	1.31122D-02	1.52684D-03	-3.75025D-02	-8.16377D-04	6.91958D-04	-5.46878D-04
58	7.54222D-03	4.32383D-03	-2.63564D-02	-5.81372D-04	3.66482D-04	-1.83825D-04
59	6.26744D-03	4.73038D-03	-1.74947D-02	-4.88960D-04	2.30430D-04	6.45589D-05
60	7.41134D-02	-1.22732D-02	7.72230D-03	-1.97351D-04	-3.02545D-04	1.20021D-03
61	3.97644D-02	-1.09669D-02	-4.21028D-03	-8.11895D-04	1.21028D-03	2.25945D-03
62	-4.81492D-02	1.66001D-03	-3.98120D-02	-3.92632D-04	7.68183D-04	1.53616D-03
63	-5.10569D-02	1.32979D-02	-4.03288D-02	-5.65656D-04	-4.81984D-04	5.82659D-04
64	-5.09200D-02	2.47761D-02	1.01366D-02	-8.03597D-05	-7.28343D-04	-2.67360D-04
65	-2.85807D-02	9.86649D-03	2.18599D-02	2.49403D-04	-7.06300D-04	-2.04196D-03
66	3.51181D-02	9.84072D-03	3.06460D-02	3.11314D-04	-5.86010D-04	-2.12997D-03
67	6.83138D-02	1.16526D-03	3.78783D-02	4.45214D-04	8.02721D-05	-1.54727D-03
68	1.08228D-02	-2.46356D-02	4.53035D-03	4.00259D-04	4.35753D-04	-6.43601D-04
69	8.26534D-03	-2.27516D-02	3.76453D-03	3.98664D-04	2.33772D-04	-5.95530D-04
70	2.16981D-03	-8.60243D-03	3.71174D-03	2.65342D-04	4.52960D-05	-3.97484D-04
71	2.12112D-04	-1.76595D-02	1.31595D-03	1.88750D-04	4.40331D-05	-3.23564D-04
72	-2.66780D-03	-1.90808D-02	-6.37952D-05	-5.43881D-06	-5.55602D-06	-1.23113D-04
73	-6.17405D-03	-1.91849D-02	8.73199D-03	-1.00663D-04	6.01795D-05	4.73207D-05
74	-3.07575D-03	-1.55617D-02	8.64087D-03	-8.32344D-05	1.28500D-04	2.10208D-04
76	2.14698D-03	1.84862D-03	3.20069D-03	2.08722D-04	-5.67949D-05	-2.16112D-04
77	2.12679D-03	5.44098D-03	9.77412D-04	1.67286D-04	-9.65064D-05	-1.03662D-04
78	2.66274D-04	4.35384D-03	-1.76011D-04	6.48229D-05	-1.96401D-04	8.56062D-05
79	-1.60193D-03	3.56595D-03	3.00427D-03	-9.68709D-05	-8.59400D-05	-4.09301D-05
80	-7.64544D-05	5.56330D-04	3.67178D-04	-4.52130D-05	-8.70046D-06	-2.97468D-06
82	4.06869D-04	1.83896D-03	6.46385D-04	-4.55668D-05	-1.64033D-06	2.51450D-05
83	3.59876D-04	1.60180D-03	8.56182D-04	-4.50401D-05	1.45331D-05	-5.01066D-05
84	2.68080D-04	3.88114D-04	5.94481D-04	-3.13345D-05	1.51138D-05	-5.86808D-05
85	4.47596D-05	8.85099D-05	5.84137D-04	1.87809D-06	1.67046D-05	-1.50150D-05
86	-2.05038D-05	7.71093D-05	1.20210D-05	8.87764D-06	8.16084D-07	3.40226D-06
87	-1.76798D-05	6.97858D-05	2.76041D-06	8.29104D-06	1.51374D-06	-7.91721D-07
88	-1.12995D-05	3.96467D-05	8.00685D-09	3.61107D-06	9.55269D-07	4.86589D-08
90	-1.68235D-05	4.40532D-05	4.42982D-06	2.22382D-06	-2.05503D-06	4.02760D-06
91	-9.12863D-06	3.33392D-05	4.61682D-07	-2.14088D-06	-8.59122D-07	2.84070D-06
93	4.67101D-03	5.68874D-03	-1.28741D-03	2.52879D-04	-2.48990D-04	-1.77493D-04
94	2.12523D-02	2.55190D-02	-5.78280D-03	3.69069D-04	-3.98208D-04	-3.70080D-04
95	5.35091D-02	2.38239D-02	-2.98477D-02	-8.23275D-04	1.50851D-04	-4.06613D-04
96	5.44302D-02	2.19691D-02	-3.23879D-02	-9.33633D-04	2.35691D-04	-1.99755D-04
97	5.17323D-02	6.90751D-03	-3.30965D-02	-8.43666D-04	1.70691D-04	-4.37393D-04
98	5.09997D-02	-6.49920D-08	-3.44198D-02	-8.41350D-04	1.70984D-04	-4.50810D-04
99	5.91126D-02	-6.35136D-02	-2.89052D-02	5.22388D-05	-5.90611D-04	7.41264D-04
100	7.30152D-02	-4.50989D-02	-1.46315D-02	1.28927D-04	-7.85232D-04	8.95987D-04
101	9.21061D-02	-2.05590D-02	3.98260D-03	9.92383D-05	-8.25087D-04	9.56445D-04
102	1.05314D-01	-4.51556D-03	1.69007D-02	8.20047D-05	-8.14333D-04	8.29716D-04
103	8.80773D-02	-1.22703D-02	9.85123D-03	-8.75114D-05	-5.70170D-04	1.08535D-03
104	1.11999D-01	1.18676D-02	4.27598D-02	-1.24404D-04	1.41251D-03	-1.21654D-03
105	8.07597D-02	9.05688D-03	4.27389D-02	-1.43198D-04	1.56527D-03	-1.29159D-03
106	1.19255D-01	5.85606D-03	3.66105D-02	-9.96268D-05	1.56160D-03	-1.43293D-03
107	4.56953D-02	5.11078D-03	4.26494D-02	-2.25639D-04	1.63869D-03	-1.07916D-03
108	-7.44280D-03	-1.25763D-03	5.67402D-02	-4.70165D-04	-7.95093D-06	-1.66512D-04
109	-7.11914D-03	-4.75476D-03	5.68395D-02	-3.54074D-04	-6.73025D-05	-2.00519D-04
110	-6.88046D-03	-5.72647D-03	5.68817D-02	-1.75968D-04	-8.00439D-05	-2.15093D-04
111	-6.45705D-03	-5.84425D-03	5.69481D-02	2.63338D-04	-8.43715D-05	-2.38169D-04
112	-5.95750D-03	-3.26613D-03	5.70001D-02	6.86833D-04	-7.28676D-05	-2.53036D-04
113	1.30131D-03	4.43434D-04	1.13737D-01	2.74498D-03	5.15194D-05	-2.77069D-04
114	-5.41029D-03	-4.11529D-04	5.70025D-02	3.55927D-04	-1.01556D-04	-2.54066D-04
115	-5.10928D-03	1.26608D-04	5.70041D-02	1.69181D-04	-1.17654D-04	-2.54950D-04

116	-4.67204D-03	2.33872D-04	5.70058D-02	1.59159D-05	-1.30680D-04	-2.56086D-04
117	-4.20474D-03	1.16973D-07	5.70066D-02	-3.29295D-05	-1.35063D-04	-2.56086D-04
118	-5.37923D-03	2.33839D-04	5.72335D-02	-1.70269D-04	-1.23375D-04	-2.80282D-04
119	-3.17571D-03	-2.51037D-04	5.70073D-02	-3.29394D-05	-1.34939D-04	-2.56086D-04
120	-6.98225D-03	2.33770D-04	5.88898D-02	-4.03524D-04	-1.08418D-04	-3.10644D-04
121	-7.93514D-03	-8.26097D-04	6.05204D-02	-4.16623D-04	-1.07310D-04	-3.12346D-04
122	-7.56186D-03	1.30583D-06	5.54894D-02	-4.39818D-04	-1.54725D-04	-1.60781D-04
123	-7.78726D-03	3.33509D-03	5.01815D-02	-3.82158D-04	-3.80723D-04	-1.64906D-04
124	-8.35188D-03	9.22436D-03	2.07634D-02	-2.36492D-04	-7.74525D-04	-2.59209D-05
125	-8.46858D-03	9.30375D-03	1.26375D-02	-2.06145D-04	-8.21396D-04	2.95476D-05
126	-8.65757D-03	7.97025D-03	-5.23899D-03	-1.68513D-04	-8.54128D-04	1.14907D-04
127	-1.01488D-02	7.58436D-03	-1.00612D-02	-1.79728D-04	-8.53112D-04	1.26985D-04
128	-8.82770D-03	4.77465D-03	-2.34128D-02	-1.08072D-04	-8.61318D-04	1.98057D-04
129	-8.89047D-03	3.48209D-03	-2.86196D-02	-7.88267D-05	-8.58714D-04	2.41713D-04
130	-1.96453D-02	5.48219D-04	-3.81143D-02	7.35485D-06	-1.00451D-03	4.67850D-04
131	-8.94665D-04	2.04289D-04	-3.80755D-02	-1.54672D-05	-6.62070D-04	2.95737D-04
132	1.01343D-02	5.03840D-08	-2.85127D-02	2.51344D-05	2.54474D-04	-2.18602D-05
133	1.04289D-02	5.78258D-03	-1.10135D-02	2.81892D-05	1.22497D-04	3.89266D-05
134	-3.88342D-02	-4.41821D-07	-3.81504D-02	6.46528D-05	-1.16152D-03	6.87650D-04
135	-5.75179D-02	-1.49316D-03	-3.81787D-02	1.05783D-04	-1.19023D-03	8.81592D-04
136	-8.26348D-02	-4.04712D-03	-3.82068D-02	1.13724D-04	-1.08818D-03	1.04192D-03
137	-1.16122D-01	-6.04435D-03	-3.81695D-02	6.87259D-05	-1.09910D-03	1.18055D-03
138	-1.03393D-01	-7.16177D-03	-3.81639D-02	1.66172D-04	-9.09564D-04	9.20289D-04
139	-1.22340D-01	-1.02994D-03	-2.98371D-02	2.86142D-04	6.35761D-05	3.88323D-04
140	-1.12329D-01	4.32951D-07	-3.93677D-02	1.59365D-04	4.62367D-04	1.80286D-04
141	-1.08187D-01	2.83316D-04	-4.33707D-02	1.16380D-04	5.49915D-04	1.40443D-04
142	-1.06062D-01	3.10564D-04	-4.11467D-02	1.16747D-03	-1.21262D-03	-1.21250D-03
143	-1.02722D-01	9.06517D-05	-3.77647D-02	1.69151D-03	-1.80864D-03	-1.71855D-03
144	-9.51363D-02	8.68400D-05	-3.01130D-02	2.61184D-03	-2.55322D-03	-2.42956D-03
145	-8.34450D-02	1.26757D-03	-1.83700D-02	3.28560D-03	-2.85296D-03	-2.80683D-03
146	-6.51382D-03	6.81284D-03	1.05605D-01	5.19655D-03	-2.84337D-03	-2.68958D-03
147	-7.09003D-02	2.17242D-03	-5.81944D-03	3.08582D-03	-3.01712D-03	-3.02215D-03
148	-6.51621D-02	1.93917D-03	-7.94126D-05	2.97535D-03	-3.10974D-03	-3.14593D-03
149	-5.75800D-02	1.12091D-03	7.50471D-03	2.88782D-03	-3.18514D-03	-3.25059D-03
150	-4.98712D-02	1.03811D-07	1.52144D-02	2.85712D-03	-3.21146D-03	-3.28129D-03
151	-6.65406D-02	1.12090D-03	-1.75314D-04	2.95693D-03	-3.10703D-03	-3.54665D-03
152	-3.25554D-02	-2.28763D-03	3.25310D-02	2.85706D-03	-3.21146D-03	-3.28136D-03
153	-8.67848D-02	1.12086D-03	-1.63462D-02	3.04419D-03	-2.94708D-03	-3.91825D-03
154	-9.69543D-02	-4.85365D-04	-2.30233D-02	3.04908D-03	-2.93523D-03	-3.93910D-03
155	-6.55950D-02	-1.81181D-07	-3.46371D-02	4.05121D-05	1.32192D-03	-4.60537D-05
156	-2.94546D-02	3.43154D-04	1.61549D-03	1.27907D-04	1.26290D-03	-1.21361D-04
157	-1.13361D-02	1.91246D-04	2.01494D-02	1.65771D-04	1.21102D-03	-1.34686D-04
158	-6.00876D-03	-3.19608D-04	2.34394D-02	1.93690D-04	1.20893D-03	-1.27557D-04
159	6.55846D-03	-1.15422D-04	3.76770D-02	1.62809D-04	1.14525D-03	-1.47144D-04
160	1.66193D-02	-1.11167D-07	4.79069D-02	1.72575D-04	9.43794D-04	-1.64260D-04
161	3.56333D-02	3.95390D-04	6.96432D-02	2.81011D-04	-1.19687D-04	-1.91736D-04
162	1.55743D-02	-1.71340D-08	2.92989D-02	4.54104D-04	-7.29085D-04	-1.60576D-04
163	1.12691D-02	-3.94529D-04	1.78624D-02	4.92944D-04	-6.93376D-04	-1.47581D-04
164	8.81274D-03	-7.11881D-04	1.05810D-02	5.20133D-04	-6.45665D-04	-1.38905D-04
165	1.36468D-03	-2.21108D-03	-2.02748D-02	6.72597D-04	-3.24156D-04	-9.48055D-05
166	-3.54845D-03	3.41987D-02	-4.62926D-03	5.64049D-04	1.10783D-04	6.14218D-04
167	-1.39797D-02	3.39492D-02	4.99924D-03	5.63213D-04	1.11338D-04	6.13574D-04
168	-7.65145D-03	2.85357D-02	1.98167D- 4	5.57096D-04	1.11176D-04	6.03503D-04
169	-7.34457D-03	1.98065D-02	1.56112D-03	5.12934D-04	9.49449D-05	5.53428D-04
170	-6.82837D-03	-2.24023D-03	3.75121D-03	4.10302D-04	3.03044D-05	5.07200D-04
171	-5.15921D-03	-2.24045D-03	2.38254D-03	4.15673D-04	3.03044D-05	5.01556D-04
172	-3.81571D-03	-2.24063D-03	1.26032D-03	4.18846D-04	3.03044D-05	4.98649D-04
173	-1.26140D-03	-2.24071D-03	-8.87874D-04	4.19293D-04	3.03044D-05	4.98359D-04
174	2.10398D-03	-2.24073D-03	-3.72067D-03	4.19832D-04	3.03044D-05	4.98664D-04
175	-6.78852D-03	-5.71463D-03	3.89754D-03	3.95919D-04	2.08988D-05	5.11323D-04

176	-1.32153D-03	-1.43292D-02	6.75725D-09	2.67672D-04	-2.31703D-05	3.87942D-04
177	2.20008D-03	8.85206D-09	3.52382D-04	-1.36824D-04	3.88318D-05	-3.58986D-04
178	2.21212D-03	2.58005D-02	-5.92396D-09	-2.96531D-04	-6.74882D-05	-2.26418D-04
179	1.48812D-03	4.80673D-08	-4.87171D-03	-2.60940D-04	9.84558D-05	-4.85167D-04
180	5.99213D-04	8.41933D-02	-1.95982D-03	-4.23632D-04	-2.07030D-04	-5.78454D-05
181	1.30263D-03	8.21174D-02	-4.25982D-03	-5.03814D-04	-2.57922D-04	1.96102D-04
182	7.16569D-03	8.70511D-03	-2.06404D-02	-5.13142D-04	1.93114D-04	1.45895D-04
183	6.78140D-03	6.74842D-03	-1.92899D-02	-5.03119D-04	2.09716D-04	1.12098D-04
184	6.45398D-03	4.70092D-03	-2.14416D-02	-5.43385D-04	2.92303D-04	-7.27262D-05
185	5.68879D-03	3.12208D-03	-1.55258D-02	-4.55341D-04	2.38639D-04	4.73347D-05
186	-3.44693D-03	-1.80843D-03	-4.08572D-03	-9.84966D-05	7.35973D-05	-1.79011D-04
187	-3.95446D-03	-1.26099D-03	-3.59128D-03	-8.51218D-05	5.92687D-05	-1.75816D-04
188	-4.34082D-03	-6.87750D-04	-3.23540D-03	-7.50811D-05	4.58841D-05	-1.70602D-04
189	-1.38162D-03	9.24269D-04	-2.13039D-03	-9.05448D-05	-1.56973D-04	-2.80109D-05
190	7.85079D-04	-3.45185D-08	5.38482D-08	1.03118D-03	5.51604D-04	2.78275D-05
191	1.17855D-03	2.03394D-07	9.23631D-02	1.43545D-03	2.03699D-04	-1.52706D-04
192	1.19373D-03	1.17047D-03	9.34110D-02	1.45146D-03	1.50921D-04	-1.70805D-04
193	2.52565D-03	3.34891D-03	1.06388D-01	1.05132D-03	7.20980D-05	-1.00110D-04
194	2.02307D-03	-8.45761D-03	1.19667D-03	-2.50822D-05	-6.96589D-05	-8.87186D-05
195	2.81705D-04	-3.08994D-03	3.38974D-03	-1.10216D-04	-2.55112D-05	-6.91295D-05
196	-7.40130D-03	3.31654D-03	2.91771D-02	-1.69906D-03	3.30558D-05	-1.72473D-06
197	-7.29582D-03	2.70492D-03	2.26324D-04	-1.70158D-03	3.26808D-05	-8.71438D-06
198	-7.62147D-03	-1.01577D-02	1.71604D-02	-1.70009D-03	3.16253D-05	-2.66320D-05
199	1.98124D-03	-6.39275D-02	6.05803D-04	-1.13555D-03	-1.25641D-03	-8.00938D-04
200	8.67639D-03	-5.48075D-02	-2.14585D-02	-1.05866D-03	-1.25736D-03	-9.16045D-04
201	5.56834D-03	-5.48099D-02	-1.80933D-02	-9.85979D-04	-1.27458D-03	-9.48108D-04
202	3.60257D-03	-5.48113D-02	-1.60953D-02	-9.59541D-04	-1.28530D-03	-9.48754D-04
203	1.38566D-03	-5.24154D-02	-1.72766D-02	-9.40245D-04	-1.29224D-03	-8.96799D-04
204	4.23419D-03	-4.78312D-02	-2.66140D-02	-9.08856D-04	-1.20532D-03	-9.38923D-04
205	6.51947D-03	-4.34005D-02	-3.41019D-02	-8.93344D-04	-1.13704D-03	-9.36968D-04
206	1.51620D-02	-4.33913D-02	-4.28352D-02	-9.98600D-04	-1.11301D-03	-9.77936D-04
207	2.43773D-02	-2.00694D-02	-7.33235D-02	-9.76347D-04	-4.60348D-04	-7.84844D-04
208	1.42054D-02	7.63696D-08	-4.10289D-02	-8.34653D-04	6.99185D-04	-5.23173D-04
209	1.76615D-02	-9.11919D-03	-1.32249D-02	-8.05648D-04	1.25667D-03	2.26749D-03
210	7.12378D-03	-8.19389D-03	-1.74890D-02	-8.05100D-04	1.24522D-03	2.26827D-03
211	-4.17905D-02	-6.25215D-03	-3.61744D-02	-8.25367D-04	1.24559D-03	2.29161D-03
212	-3.19883D-03	-7.21400D-03	-2.16591D-02	-7.85533D-04	1.22794D-03	2.24242D-03
213	-4.22832D-02	-3.15843D-08	-3.74446D-02	-4.44524D-04	8.42406D-04	1.65372D-03
214	6.81140D-02	3.84773D-08	3.77601D-02	4.46486D-04	1.00255D-04	-1.52978D-03
215	2.90487D-03	-1.14327D-02	3.72456D-03	3.12687D-04	9.93041D-05	-4.44543D-04
216	2.16280D-03	-4.64917D-03	3.91653D-03	2.47648D-04	7.33196D-06	-3.56502D-04
217	2.16945D-03	-1.27135D-02	3.22392D-03	2.41679D-04	5.12223D-05	-4.03017D-04
218	-3.37709D-03	-1.90905D-02	2.32062D-08	-1.71590D-05	-1.97964D-06	-1.12918D-04
219	-7.12166D-03	-1.91832D-02	5.89291D-03	-1.00835D-04	4.57055D-05	1.65694D-05
220	-7.08722D-03	-1.91836D-02	6.09549D-03	-1.00886D-04	4.60046D-05	1.73330D-05
221	-7.09250D-03	-1.91139D-02	5.87300D-03	-1.00891D-04	4.59788D-05	1.72435D-05
222	-7.05073D-03	-1.91837D-02	6.29776D-03	-1.00922D-04	4.63283D-05	1.81476D-05
223	-6.53591D-03	-1.91867D-02	7.92717D-03	-1.00957D-04	5.66513D-05	4.11197D-05
224	-6.45187D-03	-1.91867D-02	8.12934D-03	-1.00925D-04	5.69750D-05	4.17444D-05
225	-6.45302D-03	-1.89844D-02	7.84768D-03	-1.00930D-04	5.69400D-05	4.16556D-05
226	-6.36611D-03	-1.91865D-02	8.33092D-03	-1.00890D-04	5.73322D-05	4.24075D-05
227	-1.61996D-03	-8.04946D-03	4.52946D-03	-7.25300D-05	1.19143D-04	1.89246D-04
228	2.15285D-03	-2.39999D-07	3.62434D-03	2.22987D-04	-3.64315D-05	-2.70884D-04
229	8.89894D-04	1.84842D-03	1.97343D-03	1.78137D-04	-5.39186D-05	-1.80266D-04
230	2.14512D-04	1.84828D-03	1.29987D-03	1.60184D-04	-5.21139D-05	-1.59131D-04
231	3.52575D-08	4.34570D-03	5.13134D-08	6.46625D-05	-1.95133D-04	8.33642D-05
232	-1.95384D-03	3.58458D-03	3.79971D-03	-9.03995D-05	-8.83634D-05	-4.03585D-05
233	-1.87254D-03	3.58286D-03	3.61783D-03	-9.10301D-05	-8.81512D-05	-4.04385D-05
234	-2.36214D-03	4.08808D-03	3.61960D-03	-9.10498D-05	-8.81613D-05	-4.04399D-05
235	-1.79094D-03	3.58110D-03	3.43449D-03	-9.16356D-05	-8.79294D-05	-4.05063D-05

236	-6.68734D-10	1.83987D-03	-1.26006D-09	-4.73054D-05	-3.55588D-06	3.26968D-05
237	3.22475D-05	1.83976D-03	4.68514D-05	-4.67985D-05	-3.10471D-06	3.10925D-05
238	2.12887D-04	1.83955D-03	3.25514D-04	-4.62200D-05	-2.52260D-06	2.88886D-05
239	2.12909D-04	1.65921D-03	3.09932D-04	-4.62200D-05	-2.48824D-06	2.87046D-05
240	3.80598D-04	1.83918D-03	6.00999D-04	-4.58029D-05	-2.02557D-06	2.68270D-05
241	-3.65475D-05	7.80919D-05	5.51590D-05	1.11816D-05	2.18150D-06	3.79462D-06
242	-2.03726D-05	8.61987D-05	8.36374D-06	8.48570D-06	9.49463D-07	2.05530D-06
243	-2.04282D-05	5.83868D-05	1.17526D-05	5.91695D-06	-9.74130D-08	3.95470D-06
244	-1.02080D-05	3.57273D-05	7.32499D-09	3.27940D-06	8.94312D-07	4.05834D-08
245	-4.93942D-06	1.69401D-05	6.17990D-09	2.67166D-06	7.52460D-07	3.01644D-08
246	-5.13459D-06	1.69419D-05	1.68545D-05	2.67352D-06	7.52460D-07	3.07337D-08
247	-8.45382D-07	2.72958D-06	3.35925D-09	1.75034D-06	5.01729D-07	1.83359D-08
248	-8.21808D-06	3.03588D-05	3.88622D-07	-2.27027D-06	-7.69712D-07	2.33347D-06
249	-3.86588D-06	1.55916D-05	2.65929D-07	-2.14336D-06	-6.17895D-07	1.67903D-06
250	-1.44582D-05	1.55932D-05	-1.32505D-05	-2.14483D-06	-6.17895D-07	1.68063D-06
251	-6.07628D-07	3.10068D-06	1.44553D-07	-1.50831D-06	-4.02111D-07	1.02063D-06
252	-7.86755D-03	-2.61793D-02	1.70548D-02	-1.67746D-03	1.70128D-05	-1.35404D-04

M O D A L A N A L Y S I S

MODE NUMBER 18
FREQUENCY= 16.5750 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-6.81212D-03	-5.76585D-03	1.82591D-03	-5.71397D-05	9.49160D-05	7.52790D-05
3	-9.01646D-03	-6.41648D-03	2.13569D-03	4.06275D-05	8.37595D-05	7.49284D-05
4	-1.03948D-02	-6.42068D-03	2.94791D-03	4.87762D-05	7.48862D-05	7.54616D-05
5	-1.16106D-02	-5.80107D-03	3.76659D-03	1.07491D-04	4.52957D-05	6.31405D-05
6	-1.20320D-02	-2.65682D-03	4.44061D-03	1.50240D-04	-1.47767D-05	6.66772D-05
7	-1.15130D-02	4.22621D-03	5.34127D-03	1.39302D-04	-2.39883D-05	6.20843D-05
8	-1.05399D-02	1.21738D-02	6.63673D-03	4.40437D-05	2.98119D-05	-7.34374D-05
9	-2.04476D-02	1.72576D-03	-3.35525D-03	1.64136D-05	1.61190D-04	-1.58947D-04
10	-2.26457D-02	3.83224D-08	-5.52010D-03	6.43929D-06	1.60415D-04	-1.20241D-04
11	-2.37522D-02	-1.00863D-03	-9.46571D-03	-4.54398D-07	-2.43784D-04	2.21006D-04
12	-1.80387D-03	2.40475D-07	-9.41700D-03	4.94517D-05	-3.02817D-04	1.52139D-04
13	2.64477D-03	3.89301D-04	-1.18484D-02	9.73558D-05	3.81613D-07	3.41922D-05
14	2.99374D-03	2.57377D-04	1.11720D-02	1.73075D-05	1.81923D-04	-7.29982D-05
15	-2.37904D-03	2.47759D-04	1.11365D-02	-9.86778D-06	-8.64076D-06	-2.27629D-05
16	-1.46818D-03	9.72322D-05	9.87927D-03	-1.56218D-05	-6.75796D-05	3.29101D-06
17	-1.40945D-03	-1.07662D-03	5.06266D-03	-1.11830D-05	-3.41294D-05	1.35205D-05
18	-1.56202D-03	-1.18215D-03	4.63649D-03	-1.12658D-05	-2.53160D-05	8.60977D-06
19	-1.82575D-03	-1.13848D-03	4.36039D-03	-1.09164D-05	-2.61238D-05	4.86537D-06
20	-1.99085D-03	-1.08286D-03	3.89342D-03	-1.29901D-05	-3.79046D-05	-3.42781D-06
21	-1.95225D-03	-4.52426D-04	1.46027D-03	-1.62915D-05	-4.62329D-05	-2.14353D-05
22	-9.59159D-04	8.90611D-05	2.47505D-04	-1.11026D-05	-3.02671D-05	-3.07793D-05
23	-1.14159D-10	5.97491D-12	2.85462D-11	-1.46403D-09	-2.96179D-09	-4.65751D-09
25	-1.75671D-02	-4.37614D-02	-2.18148D-03	2.48789D-04	1.05259D-04	-9.21116D-05
26	-2.94815D-02	3.01303D-02	1.23907D-01	8.25946D-03	-1.11912D-03	1.17438D-03
27	-4.30432D-02	2.99641D-02	2.17210D-01	8.36523D-03	-1.25994D-03	1.14596D-03
28	-5.17173D-02	2.46352D-02	4.08382D-01	7.03294D-03	1.38606D-04	-8.27258D-04
29	-5.18449D-02	1.46159D-02	4.06977D-01	6.71322D-03	3.59367D-04	-8.15637D-04
30	-5.33338D-02	-6.27886D-03	-1.26194D-01	3.40191D-03	5.24675D-04	-2.20259D-04
31	-2.02272D-02	-4.23261D-05	-1.940[illegible]6D-02	5.25435D-05	-3.54694D-04	-5.44266D-05
32	1.14005D-02	-1.05386D-05	1.23753D-02	3.09349D-06	-4.94769D-04	-9.35484D-06
33	2.26007D-02	-6.89779D-05	1.36797D-02	-2.21634D-05	-2.18423D-04	-2.86370D-05
34	2.62992D-02	7.91295D-04	1.03411D-02	-6.66952D-05	9.97461D-05	-1.43701D-04
35	2.42292D-02	1.01586D-03	1.11437D-02	-3.23852D-05	1.80045D-04	-1.90715D-04
36	-1.24561D-02	-5.05941D-03	4.67178D-03	1.93696D-04	-3.97865D-05	-1.30403D-05
37	-1.21216D-02	-6.92074D-03	6.45154D-03	1.03648D-04	-1.39237D-05	-1.22009D-04
38	6.87457D-03	-7.10661D-03	-6.70382D-05	-1.96768D-04	-6.33780D-05	-1.46502D-04
39	5.71677D-03	5.06180D-03	-5.13951D-03	-4.15179D-04	-9.90016D-05	-1.44552D-04
40	3.01405D-03	7.92846D-03	-1.68867D-03	-5.57252D-04	-1.10055D-04	-3.01002D-04
41	9.11619D-04	7.92890D-03	2.28201D-03	-5.71654D-04	-1.22781D-04	-2.96585D-04
42	-2.01621D-04	2.08090D-03	7.87575D-03	-6.82543D-04	-1.73020D-04	-2.67064D-04
43	2.67787D-03	-9.26047D-03	7.88275D-03	-6.97585D-04	-1.67533D-04	-2.75529D-04
44	3.77104D-03	-1.33292D-02	7.15947D-03	-7.44582D-04	-2.98533D-05	-2.69708D-04
45	3.83001D-03	5.72391D-03	-1.24394D-02	-1.01408D-03	-1.23144D-04	2.66246D-05
46	3.86350D-03	5.27959D-03	-1.26884D-02	-1.01515D-03	-6.32429D-05	3.95646D-06
47	7.36709D-03	3.23309D-03	-2.06222D-02	-1.34003D-03	3.83088D-04	-4.91058D-04
48	5.93431D-03	2.25056D-03	-1.82333D-02	-1.07833D-03	2.80240D-04	-7.87211D-04
49	-6.81699D-03	1.30227D-02	-6.02726D-03	-2.80491D-04	-8.26114D-05	-5.40331D-04
50	-1.65013D-03	6.01602D-03	-4.99069D-03	-2.71375D-04	-2.90643D-04	-3.07935D-04
51	-4.54010D-04	3.61524D-03	-3.63929D-03	-2.79265D-04	-2.82759D-04	-2.80824D-04

52	-2.74522D-05	-2.00996D-06	-5.18463D-05	-5.44369D-06	-2.48871D-05	-4.79801D-06
53	-5.84123D-11	-1.67779D-11	-6.45745D-11	-7.42413D-10	-2.15678D-09	-4.23725D-10
54	2.90308D-02	1.42000D-02	3.04646D-02	-8.63489D-03	1.30922D-03	-1.81670D-03
55	-7.56130D-03	-2.98681D-01	1.92548D-02	-8.30320D-03	6.39852D-04	-2.89392D-03
56	-4.18037D-03	-3.59391D-01	1.33391D-02	-6.21714D-03	-1.45827D-03	-4.48417D-03
57	2.75441D-02	5.20491D-04	-8.94065D-02	-3.10423D-03	1.01236D-03	-1.04156D-03
58	1.76381D-02	1.40260D-03	-5.82741D-02	-2.02555D-03	4.80227D-04	-5.79228D-04
59	9.77852D-03	2.63568D-03	-2.88668D-02	-1.54983D-03	3.62395D-04	-4.37134D-04
60	-1.62352D-02	1.72632D-03	-2.14518D-03	7.04439D-05	5.26595D-05	-2.08246D-04
61	-9.45224D-03	1.86457D-03	7.77740D-04	1.71315D-04	-2.80297D-04	-4.40270D-04
62	1.15530D-02	-4.05898D-04	9.28807D-03	6.45658D-05	-1.96579D-04	-2.99830D-04
63	1.24777D-02	-2.99631D-03	9.84049D-03	8.00829D-05	7.37560D-05	-1.22929D-04
64	1.24459D-02	-5.38665D-03	1.01425D-03	-3.96636D-05	1.33875D-04	6.30132D-05
65	7.07716D-03	-1.82796D-03	-2.33201D-03	-1.29205D-04	1.48426D-04	4.94060D-04
66	-8.35452D-03	-1.82449D-03	-6.51219D-03	-1.42087D-04	1.25515D-04	5.16571D-04
67	-1.63551D-02	-2.36665D-04	-9.03078D-03	-1.38523D-04	-2.36833D-05	3.97601D-04
68	-2.63370D-03	6.41249D-03	-1.08305D-03	-9.88273D-05	-1.02544D-04	1.76079D-04
69	-2.02928D-03	5.97213D-03	-9.02777D-04	-1.00520D-04	-5.53733D-05	1.62817D-04
70	-6.00195D-04	2.37704D-03	-8.92325D-04	-6.85668D-05	-9.03081D-06	1.09796D-04
71	-6.14562D-05	4.87955D-03	-3.77215D-04	-4.93295D-05	-4.74843D-06	8.84385D-05
72	7.07621D-04	5.26389D-03	-2.04619D-05	-4.73718D-06	7.03213D-06	3.09115D-05
73	1.33374D-03	5.29460D-03	-1.38762D-03	1.92571D-05	-7.43893D-06	-1.52140D-05
74	5.35196D-04	4.30317D-03	-1.48760D-03	2.10699D-05	-2.16480D-05	-5.86076D-05
76	-5.93621D-04	-5.12678D-04	-7.22101D-04	-5.47239D-05	1.48785D-05	5.99461D-05
77	-5.87814D-04	-1.51413D-03	-1.60584D-04	-4.46877D-05	2.41672D-05	2.89791D-05
78	-7.37370D-05	-1.21674D-03	5.34298D-05	-1.92647D-05	4.81369D-05	-2.36643D-05
79	4.18054D-04	-9.99349D-04	-8.47185D-04	2.76865D-05	2.19576D-05	1.11417D-05
80	2.00141D-05	-1.54901D-04	-1.10775D-06	1.26195D-05	2.23450D-06	8.98722D-07
82	-1.12851D-04	-5.10228D-04	-1.85765D-04	1.30894D-05	-7.17275D-08	-6.97611D-06
83	-9.90065D-05	-4.44082D-04	-2.43420D-04	1.28117D-05	-4.49278D-06	1.38035D-05
84	-7.09939D-05	-1.07432D-04	-1.63659D-04	8.90185D-06	-4.58106D-06	1.61884D-05
85	-9.00621D-06	-2.45208D-05	-1.59878D-04	-4.01885D-07	-4.93592D-06	4.06200D-06
86	5.72816D-06	-2.13633D-05	-3.36014D-06	-2.46119D-06	-2.41148D-07	-9.66795D-07
87	4.94584D-06	-1.94526D-05	-7.58037D-07	-2.30500D-06	-4.18684D-07	2.14534D-07
88	3.17380D-06	-1.10662D-05	1.34627D-09	-1.00731D-06	-2.67614D-07	-1.54747D-08
90	4.69274D-06	-1.20885D-05	-1.25137D-06	-6.24161D-07	5.78643D-07	-1.12049D-06
91	2.53221D-06	-9.15688D-06	-1.32753D-07	5.86403D-07	2.39205D-07	-7.88970D-07
93	-1.06532D-03	-9.24203D-04	2.85607D-04	-4.10385D-05	5.72200D-05	3.04391D-05
94	-4.92621D-03	-4.20543D-03	1.32032D-03	-6.15608D-05	9.45414D-05	6.45446D-05
95	-1.21004D-02	-4.07118D-03	4.31728D-03	1.43908D-04	-1.06276D-05	6.73879D-05
96	-1.22533D-02	-3.99143D-03	4.56084D-03	1.86460D-04	-3.25758D-05	1.27468D-05
97	-1.19443D-02	-1.17509D-03	4.59420D-03	1.50243D-04	-1.71232D-05	6.99941D-05
98	-1.18662D-02	-5.45264D-09	4.73017D-03	1.49283D-04	-1.88630D-05	7.08157D-05
99	-1.24594D-02	9.53298D-03	4.60533D-03	6.51890D-06	1.11743D-04	-1.33259D-04
100	-1.52224D-02	6.63872D-03	1.76187D-03	-2.18808D-06	1.58611D-04	-1.55883D-04
101	-1.91190D-02	2.93028D-03	-2.05262D-03	7.56303D-06	1.67865D-04	-1.62210D-04
102	-2.17955D-02	6.26813D-04	-4.68232D-03	9.34264D-06	1.63499D-04	-1.36267D-04
103	-1.86490D-02	1.72608D-03	-2.94847D-03	4.75783D-05	1.11241D-04	-1.85918D-04
104	-2.15031D-02	-1.00198D-03	-9.46231D-03	2.31284D-06	-2.93737D-04	2.45038D-04
105	-1.50343D-02	-9.36879D-04	-9.45978D-03	3.95081D-06	-3.22005D-04	2.58725D-04
106	-2.27396D-02	-2.94134D-04	-8.94033D-03	-7.11076D-06	-3.21075D-04	2.86829D-04
107	-7.85760D-03	-6.53401D-04	-9.43988D-03	2.27382D-05	-3.33793D-04	2.15248D-04
108	2.66524D-03	2.07704D-04	-1.16557D-02	9.48949D-05	3.19027D-05	2.88556D-05
109	2.37575D-03	9.37837D-04	-1.16775D-02	7.49475D-05	4.65385D-05	4.82875D-05
110	2.22705D-03	1.14634D-03	-1.16867D-02	3.79546D-05	4.96579D-05	5.66154D-05
111	1.98062D-03	1.17681D-03	-1.17013D-02	-5.54800D-05	5.06359D-05	6.98014D-05
112	1.67867D-03	6.30315D-04	-1.17127D-02	-1.46809D-04	4.76832D-05	7.82967D-05
113	-7.46320D-04	-2.25769D-04	-2.40072D-02	-5.98589D-04	2.09004D-05	9.25932D-05
114	1.37124D-03	3.19815D-05	-1.17132D-02	-7.29969D-05	5.32522D-05	7.85608D-05
115	1.22477D-03	-7.12616D-05	-1.17135D-02	-3.13538D-05	5.63850D-05	7.87874D-05

116	1.02666D-03	-7.36621D-05	-1.17139D-02	2.80518D-06	5.89263D-05	7.90787D-05
117	8.22623D-04	-2.61082D-08	-1.17141D-02	1.37096D-05	5.97936D-05	7.90787D-05
118	1.24321D-03	-7.36552D-05	-1.17793D-02	4.29225D-05	5.70520D-05	8.52850D-05
119	3.66798D-04	1.04538D-04	-1.17142D-0	1.37139D-05	5.97786D-05	7.90787D-05
120	1.72638D-03	-7.36405D-05	-1.21697D-02	9.31869D-05	5.32141D-05	9.30756D-05
121	1.95844D-03	1.70716D-04	-1.25456D-02	9.60098D-05	5.29299D-05	9.35124D-05
122	2.69092D-03	-2.87498D-07	-1.10795D-02	9.15963D-05	6.39172D-05	2.89541D-05
123	2.73941D-03	-6.36242D-04	-9.34395D-03	8.53291D-05	1.11756D-04	3.19394D-05
124	2.86014D-03	-1.80354D-03	-1.80384D-03	6.94962D-05	1.83212D-04	3.56897D-06
125	2.88497D-03	-1.80141D-03	9.28517D-05	6.61977D-05	1.88625D-04	-8.73128D-06
126	2.92510D-03	-1.46019D-03	4.12839D-03	6.21075D-05	1.88894D-04	-2.80169D-05
127	3.36656D-03	-1.30774D-03	5.99318D-03	6.93865D-05	1.88543D-04	-3.21822D-05
128	2.95874D-03	-7.19272D-04	8.05644D-03	4.32120D-05	1.85596D-04	-4.52112D-05
129	2.97113D-03	-4.28186D-04	9.16392D-03	3.40693D-05	1.84173D-04	-5.45904D-05
130	5.26598D-03	9.51185D-05	1.11737D-02	1.06636D-05	2.14561D-04	-1.05217D-04
131	1.23319D-03	4.05376D-04	1.11684D-02	1.10310D-05	1.44570D-04	-6.57273D-05
132	-1.45908D-03	6.08359D-09	8.81337D-03	-1.49081D-05	-6.47483D-05	7.98827D-06
133	-1.98021D-03	-1.00221D-03	3.26562D-03	-1.39204D-05	-4.25589D-05	-7.79054D-06
134	9.35159D-03	1.05170D-07	1.11774D-02	-1.21135D-06	2.47772D-04	-1.55010D-04
135	1.33408D-02	1.31083D-04	1.11757D-02	-9.39832D-06	2.54121D-04	-1.98945D-04
136	1.87049D-02	3.93677D-04	1.11754D-02	-9.91403D-06	2.32347D-04	-2.35266D-04
137	2.62812D-02	8.13785D-04	1.16861D-02	4.48498D-06	2.35141D-04	-2.67843D-04
138	2.31184D-02	8.23400D-04	1.11525D-02	-2.62905D-05	1.95212D-04	-2.05327D-04
139	2.77446D-02	-2.32964D-04	8.77737D-03	-7.06744D-05	-6.74927D-06	-7.81753D-05
140	2.50942D-02	-1.16370D-07	1.12619D-02	-4.06593D-05	-1.46307D-04	-3.83538D-05
141	2.37301D-02	-2.39757D-05	1.25799D-02	-2.94642D-05	-1.85452D-04	-3.22722D-05
142	2.34276D-02	-8.75472D-05	1.22596D-02	-2.83647D-04	2.58191D-04	2.83377D-04
143	2.26851D-02	-6.24977D-05	1.15095D-02	-4.05886D-04	4.09122D-04	4.05301D-04
144	2.09256D-02	-7.23845D-05	9.73814D-03	-6.15832D-04	5.99097D-04	5.82034D-04
145	1.81616D-02	-2.83113D-04	6.96480D-03	-7.65717D-04	6.77185D-04	6.81278D-04
146	-1.57160D-03	-1.53966D-03	-2.09951D-02	-1.16083D-03	6.77526D-04	7.10830D-04
147	1.51732D-02	-4.32172D-04	3.97519D-03	-7.29191D-04	7.20091D-04	7.21776D-04
148	1.38005D-02	-3.80729D-04	2.60212D-03	-7.09167D-04	7.44294D-04	7.45207D-04
149	1.19821D-02	-2.18436D-04	7.83385D-04	-6.93536D-04	7.63989D-04	7.65217D-04
150	1.01307D-02	-1.92705D-08	-1.06816D-03	-6.87835D-04	7.70845D-04	7.70917D-04
151	1.40879D-02	-2.18434D-04	2.64162D-03	-7.19682D-04	7.44022D-04	8.32432D-04
152	5.97449D-03	4.48081D-04	-5.22453D-03	-6.87822D-04	7.70824D-04	7.70930D-04
153	1.88304D-02	-2.18428D-04	6.61454D-03	-7.52600D-04	7.03138D-04	9.16808D-04
154	2.11852D-02	8.31778D-05	8.31360D-03	-7.54445D-04	7.00110D-04	9.21542D-04
155	8.10846D-03	6.52620D-08	9.07241D-03	2.56869D-06	-5.08859D-04	-6.34458D-06
156	-6.03686D-03	2.87181D-05	-5.12063D-03	-2.32377D-06	-4.80092D-04	4.08137D-06
157	-1.28440D-02	-1.13231D-05	-1.20877D-02	-3.84401D-06	-4.40628D-04	7.37729D-06
158	-1.42342D-02	5.65757D-05	-1.19003D-02	-1.85720D-05	-4.40800D-04	2.49930D-05
159	-1.91036D-02	-4.59318D-05	-1.82470D-02	2.54674D-05	-3.93558D-04	-2.48491D-05
160	-2.21760D-02	7.51550D-08	-2.14438D-02	1.08716D-04	-2.79426D-04	-1.15749D-04
161	-2.59525D-02	2.14673D-03	-2.61110D-02	6.52694D-04	-3.92767D-06	-4.54277D-04
162	-3.07759D-02	-8.08803D-08	-3.75631D-02	1.52646D-03	-5.01614D-04	-5.04673D-04
163	-3.40860D-02	-1.92417D-03	-4.65788D-02	1.72266D-03	-7.22498D-04	-4.77013D-04
164	-3.71661D-02	-3.46319D-03	-5.58481D-02	1.86019D-03	-8.65066D-04	-4.58457D-04
165	-5.15446D-02	-1.07803D-02	-1.15650D-01	2.63306D-03	-7.15013D-04	-3.57233D-04
166	5.84345D-03	-7.10401D-03	1.30024D-03	-1.93724D-04	-6.28417D-05	-1.48191D-04
167	8.36026D-03	-7.03893D-03	-2.06433D-03	-1.97207D-04	-6.33803D-05	-1.48270D-04
168	6.76646D-03	-5.65331D-03	-5.64515D-04	-2.00685D-04	-6.38169D-05	-1.42107D-04
169	6.57399D-03	-3.47967D-03	-1.39733D-03	-2.40535D-04	-6.71836D-05	-1.14189D-04
170	5.96192D-03	2.55582D-03	-4.06192D-03	-3.68269D-04	-8.69719D-05	-1.18719D-04
171	5.61853D-03	2.55608D-03	-2.84061D-03	-3.69233D-04	-8.69719D-05	-9.18321D-05
172	5.39513D-03	2.55629D-03	-1.84708D-03	-3.69944D-04	-8.69719D-05	-7.69370D-05
173	5.00787D-03	2.55639D-03	4.93110D-05	-3.70084D-04	-8.69719D-05	-7.51189D-05
174	4.50406D-03	2.55641D-03	2.54921D-03	-3.70468D-04	-8.69719D-05	-7.44402D-05
175	5.84317D-03	3.74553D-03	-4.58328D-03	-3.91592D-04	-9.25642D-05	-1.31007D-04

176	2.09250D-03	7.92867D-03	1.04002D-09	-5.63976D-04	-1.15509D-04	-2.99427D-04
177	3.79376D-03	-4.67391D-09	6.32001D-03	-8.17522D-04	-2.82587D-05	-2.04561D-04
178	3.81669D-03	7.83604D-03	-7.44811D-09	-9.17074D-04	-1.59493D-04	-1.49107D-05
179	1.49896D-03	2.80658D-08	-4.93169D-03	-1.00088D-03	1.69179D-04	-7.22094D-04
180	9.19125D-04	6.10790D-02	-3.00803D-03	-1.37809D-03	-3.54343D-04	-2.94997D-04
181	2.10517D-03	5.88338D-02	-6.88455D-03	-1.45328D-03	-4.30867D-04	-1.13185D-04
182	1.12234D-02	3.85063D-03	-3.38081D-02	-1.56610D-03	3.03621D-04	-3.66578D-04
183	1.06046D-02	3.16361D-03	-3.16872D-02	-1.55944D-03	3.29865D-04	-3.96182D-04
184	1.33001D-02	2.60649D-03	-4.16730D-02	-1.80439D-03	4.17614D-04	-5.02775D-04
185	8.86192D-03	2.57221D-03	-2.57298D-02	-1.46748D-03	3.80536D-04	-4.60987D-04
186	-5.96049D-03	-2.38449D-03	-7.10652D-03	-5.54384D-04	1.16593D-04	-7.96064D-04
187	-6.75098D-03	-9.86616D-04	-6.32390D-03	-5.02406D-04	9.17493D-05	-7.81678D-04
188	-7.33652D-03	5.81556D-04	-5.77726D-03	-4.57698D-04	6.84313D-05	-7.64600D-04
189	-1.04927D-03	4.81390D-03	-4.31944D-03	-2.75170D-04	-2.87595D-04	-2.94338D-04
190	-5.31198D-02	-1.66866D-07	2.94908D-07	4.44906D-03	2.36544D-03	1.07037D-04
191	-5.20152D-02	8.99879D-07	3.97656D-01	6.49506D-03	8.98339D-04	-6.64469D-04
192	-5.19531D-02	5.10356D-03	4.02287D-01	6.57609D-03	6.74481D-04	-7.44043D-04
193	-4.55978D-02	1.45873D-02	4.61513D-01	4.81966D-03	4.34715D-04	-5.77576D-04
194	-1.47371D-02	-4.13691D-02	-1.81819D-03	-2.30899D-04	1.88334D-04	-2.06471D-04
195	-4.62953D-03	-1.48097D-02	-2.40014D-04	-5.65666D-04	2.01922D-04	-2.32346D-04
196	1.65388D-02	1.42070D-02	9.08824D-02	-8.59616D-03	1.29971D-03	-1.76265D-03
197	4.68752D-02	1.08967D-02	-5.62042D-02	-8.64707D-03	1.30899D-03	-1.82691D-03
198	1.85906D-02	-5.84728D-02	2.72717D-02	-8.64019D-03	1.30644D-03	-1.87772D-03
199	-7.99965D-05	-3.35800D-01	-2.45100D-05	-5.95232D-03	-1.63516D-03	-4.71942D-03
200	9.31912D-03	-2.80661D-01	-3.06853D-02	-5.44330D-03	-1.84221D-03	-5.12225D-03
201	-8.11943D-03	-2.80674D-01	-1.28681D- 2	-5.34085D-03	-1.88264D-03	-5.33382D-03
202	-1.91957D-02	-2.80681D-01	-1.89447D-03	-5.31482D-03	-1.90782D-03	-5.35267D-03
203	-3.80378D-02	-2.67082D-01	1.19094D-02	-5.33931D-03	-1.96913D-03	-5.09647D-03
204	-3.35583D-02	-2.40995D-01	-2.84061D-03	-5.19352D-03	-1.99835D-03	-5.34577D-03
205	-2.96554D-02	-2.15734D-01	-1.56661D-02	-5.11971D-03	-1.95462D-03	-5.38926D-03
206	1.94004D-02	-2.15687D-01	-6.35485D-02	-4.99297D-03	-1.79186D-03	-5.30106D-03
207	3.60723D-02	-8.53877D-02	-1.17874D-01	-4.50999D-03	-9.92591D-04	-4.17914D-03
208	2.90973D-02	1.07942D-07	-9.45138D-02	-3.21301D-03	9.91554D-04	-1.05233D-03
209	-4.33359D-03	1.68920D-03	2.86759D-03	1.65825D-04	-2.94211D-04	-4.41923D-04
210	-1.86621D-03	1.58048D-03	3.86628D-03	1.65320D-04	-2.92277D-04	-4.42071D-04
211	7.64958D-03	1.19947D-03	7.73802D-03	1.69828D-04	-2.92371D-04	-4.46513D-04
212	5.60994D-04	1.45577D-03	4.84696D-03	1.60654D-04	-2.89080D-04	-4.37086D-04
213	1.00614D-02	4.14004D-09	8.68650D-03	7.74424D-05	-2.12272D-04	-3.22826D-04
214	-1.62965D-02	-4.91333D-09	-8.99645D-03	-1.37833D-04	-2.81737D-05	3.93593D-04
215	-7.63507D-04	3.10375D-03	-8.94876D-04	-8.00091D-05	-2.25698D-05	1.22395D-04
216	-5.98178D-04	1.28520D-03	-9.24508D-04	-6.42409D-05	-1.38775D-07	9.85229D-05
217	-6.00192D-04	3.51464D-03	-7.98551D-04	-6.28730D-05	-9.90887D-06	1.11408D-04
218	8.84418D-04	5.26670D-03	-3.06767D-09	-2.16657D-06	6.23981D-06	2.80119D-05
219	1.66178D-03	5.29392D-03	-8.58980D-04	1.81641D-05	-4.32452D-06	-7.21564D-06
220	1.64699D-03	5.29403D-03	-8.95520D-04	1.82031D-05	-4.39079D-06	-7.41347D-06
221	1.64606D-03	5.25857D-03	-8.76577D-04	1.82043D-05	-4.38689D-06	-7.38794D-06
222	1.63168D-03	5.29408D-03	-9.32073D-04	1.82385D-05	-4.46078D-06	-7.62590D-06
223	1.45101D-03	5.29505D-03	-1.23440D-03	1.90895D-05	-6.69236D-06	-1.35942D-05
224	1.42335D-03	5.29507D-03	-1.27268D-03	1.91077D-05	-6.76235D-06	-1.37557D-05
225	1.42124D-03	5.22535D-03	-1.24117D-03	1.91089D-05	-6.75667D-06	-1.37304D-05
226	1.39525D-03	5.29502D-03	-1.31091D-03	1.91242D-05	-6.83776D-06	-1.39289D-05
227	2.84975D-04	2.22927D-03	-7.86541D-04	1.88148D-05	-2.05053D-05	-5.27446D-05
228	-5.95309D-04	6.57126D-08	-8.34055D-04	-5.82114D-05	1.01107D-05	7.49973D-05
229	-2.44942D-04	-5.12637D-04	-4.00717D- 4	-4.65592D-05	1.40985D-05	4.99980D-05
230	-5.76287D-05	-5.12607D-04	-2.24879D-04	-4.17448D-05	1.36091D-05	4.41325D-05
231	-1.01419D-08	-1.21450D-03	-1.21616D-08	-1.91972D-05	4.78362D-05	-2.30364D-05
232	5.14004D-04	-1.00452D-03	-1.07487D-03	2.58767D-05	2.25350D-05	1.10094D-05
233	4.91827D-04	-1.00404D-03	-1.02281D-03	2.60539D-05	2.24847D-05	1.10292D-05
234	6.16902D-04	-1.14851D-03	-1.02400D-03	2.60596D-05	2.24875D-05	1.10296D-05
235	4.69571D-04	-1.00355D-03	-9.70322D-04	2.62235D-05	2.24319D-05	1.10456D-05

236	1.83870D-10	-5.10477D-04	3.37098D-10	1.35921D-05	4.41734D-07	-9.07001D-06
237	-8.94606D-06	-5.10445D-04	-1.34680D-05	1.34483D-05	3.19389D-07	-8.62415D-06
238	-5.90476D-05	-5.10392D-04	-9.35576D-05	1.32824D-05	1.61539D-07	-8.01130D-06
239	-5.90541D-05	-4.60399D-04	-9.26362D-05	1.32824D-05	1.50862D-07	-7.95823D-06
240	-1.05563D-04	-5.10289D-04	-1.72723D-04	1.31600D-05	3.01267D-08	-7.44133D-06
241	1.02964D-05	-2.16355D-05	-1.53173D-05	-3.09673D-06	-6.44605D-07	-1.08570D-06
242	5.69109D-06	-2.39670D-05	-2.31053D-06	-2.35389D-06	-2.72228D-07	-5.89235D-07
243	5.70753D-06	-1.60913D-05	-3.31196D-06	-1.64226D-06	2.04454D-08	-1.11537D-06
244	2.86749D-06	-9.97255D-06	9.67095D-10	-9.15011D-07	-2.50810D-07	-1.28908D-08
245	1.38848D-06	-4.72940D-06	3.30338D-10	-7.45662D-07	-2.11270D-07	-9.55704D-09
246	1.45020D-06	-4.72991D-06	-4.70223D-06	-7.46204D-07	-2.11270D-07	-9.72418D-09
247	2.38102D-07	-7.62467D-07	1.79564D-10	-4.88594D-07	-1.40956D-07	-5.80940D-09
248	2.27935D-06	-8.33891D-06	-1.11747D-07	6.22672D-07	2.13992D-07	-6.48111D-07
249	1.07113D-06	-4.28489D-06	-7.64688D-08	5.88519D-07	1.71501D-07	-4.66375D-07
250	4.01346D-06	-4.28535D-06	3.63498D-06	5.88938D-07	1.71501D-07	-4.66837D-07
251	1.67800D-07	-8.53098D-07	-4.15667D-08	4.14344D-07	1.11511D-07	-2.83493D-07
252	6.68317D-03	-1.45040D-01	2.36237D-02	-8.58955D-03	1.10980D-03	-2.26992D-03

M O D A L A N A L Y S I S

MODE NUMBER 19
FREQUENCY= 17.9087 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.96822D-02	1.82602D-02	5.08084D-03	1.90636D-04	3.12295D-04	-1.61721D-04
3	-2.26965D-02	1.98380D-02	6.21695D-03	-1.08555D-04	3.61196D-04	-1.67696D-04
4	-1.95635D-02	1.98513D-02	4.02972D-03	-1.11999D-04	3.76614D-04	-1.87720D-04
5	-1.66785D-02	1.80841D-02	9.08688D-04	-1.75660D-05	3.32385D-04	-3.53725D-04
6	-1.72670D-02	8.23325D-03	-4.72920D-03	6.55996D-05	1.95756D-04	-5.01686D-04
7	-2.06672D-02	-1.41024D-02	-1.11556D-02	2.33344D-04	5.43434D-05	-6.07301D-04
8	-9.23094D-03	-3.64088D-02	2.06137D-03	7.97479D-04	-2.75136D-04	-5.60692D-04
9	5.96164D-03	-4.07443D-03	1.69768D-02	1.01258D-03	1.74964D-04	-7.77089D-04
10	3.23529D-03	-5.53206D-07	1.43051D-02	8.70724D-04	2.36892D-04	-6.48390D-04
11	-2.08841D-02	1.17166D-02	1.77657D-03	-1.20116D-04	-7.61322D-05	3.82129D-05
12	-7.14471D-03	5.22521D-07	1.78749D-03	-1.46266D-04	-2.36713D-04	2.73221D-05
13	-2.79724D-03	-1.10960D-03	-1.65881D-03	-6.93335D-05	-1.04695D-04	-5.59565D-05
14	-2.51450D-03	-5.77382D-04	3.11567D-03	-1.86112D-05	1.18641D-04	-2.58414D-05
15	-4.24765D-03	-4.15343D-04	3.10908D 03	1.46417D-05	-3.37316D-05	-1.04616D-05
16	-3.23352D-03	5.46997D-05	2.07848D-03	1.70762D-05	-4.40804D-05	1.78873D-06
17	-3.15224D-03	-1.33962D-03	-1.87035D-04	1.82952D-05	8.92699D-07	1.75310D-05
18	-3.03582D-03	-1.67097D-03	-7.95500D-06	1.71155D-05	2.04296D-05	1.02991D-05
19	-2.73130D-03	-1.96926D-03	2.79604D-04	1.67015D-05	2.19471D-05	4.92558D-06
20	-2.59068D-03	-2.05025D-03	5.32572D-04	1.23951D-05	8.79064D-06	-7.60948D-06
21	-2.53425D-03	-9.81711D-04	4.15385D-04	3.87520D-06	-1.09434D-05	-3.38944D-05
22	-1.30017D-03	1.75379D-05	4.67926D-05	-1.19316D-06	-1.82863D-05	-4.81705D-05
23	-1.67383D-10	6.10232D-12	1.07805D-11	-3.16835D-10	-2.56784D-09	-6.91739D-09
25	-2.49644D-03	-2.66344D-04	-7.85397D-04	-7.02299D-06	3.86626D-05	1.58049D-05
26	-3.59982D-03	-1.53715D-04	-8.29458D-04	1.31277D-05	2.46915D-05	2.02729D-05
27	-3.82923D-03	-1.54188D-04	-6.79884D-04	1.35394D-05	2.15997D-05	2.00251D-05
28	-4.11734D-03	1.12769D-05	-4.26427D-04	2.71899D-05	-6.16064D-06	4.08406D-07
29	-4.11731D-03	9.35836D-06	-3.45606D-04	2.68112D-05	-7.78928D-06	-2.97691D-07
30	-3.99413D-03	3.49064D-05	-2.94886D-03	2.62851D-05	3.15656D-05	-5.88719D-07
31	-1.71107D-03	7.25662D-05	-3.65829D-03	2.92509D-05	-1.27381D-04	-2.18431D-05
32	7.80977D-03	-1.53166D-04	5.85753D-03	6.60484D-06	-1.52357D-04	-3.37100D-05
33	1.18925D-02	-3.52921D-04	6.08206D-03	-2.11226D-05	-1.06321D-04	-4.72533D-05
34	1.53995D-02	2.61852D-03	2.64528D-03	-5.33291D-05	5.27791D-05	-1.21059D-04
35	1.39639D-02	2.66023D-03	3.14214D-03	-4.62339D-05	1.38239D-04	-1.41109D-04
36	-1.48460D-02	4.15698D-03	-6.05409D-03	5.07677D-05	1.71673D-04	-4.20469D-04
37	-1.12208D-02	2.55674D-03	-6.55259D-03	1.75639D-05	6.89086D-05	-2.08513D-04
38	-1.15039D-03	2.60959D-03	-2.77256D-04	8.10276D-05	2.58741D-05	2.80061D-07
39	-8.77644D-04	-6.55215D-05	9.50763D-0	8.53601D-05	1.13932D-05	3.94257D-05
40	-3.89531D-04	-6.49289D-04	2.54600D-04	8.46841D-05	1.00413D-05	5.28146D-05
41	-2.06854D-05	-6.49424D-04	-3.36267D-04	8.34500D-05	9.83421D-06	5.16170D-05
42	2.87798D-04	-2.65323D-05	-1.01756D-03	6.05331D-05	1.28046D-05	4.16755D-05
43	8.19293D-05	9.35009D-04	-1.01809D-03	5.67609D-05	1.21102D-05	3.77221D-05
44	-1.06357D-05	1.09344D-03	-9.37453D-04	5.12353D-05	7.71991D-06	3.04431D-05
45	-1.20093D-05	1.37448D-03	4.94007D-05	9.79377D-06	-1.98045D-06	8.18121D-07
46	-1.10276D-05	1.36616D-03	4.30475D-05	8.32387D-06	-2.77536D-06	8.23343D-06
47	6.56376D-05	-6.73814D-05	-1.80839D-04	-5.10684D-06	3.00411D-06	1.94710D-06
48	5.40244D-05	-8.78287D-05	-1.61616D-04	-2.83950D-06	2.35223D-06	-1.07262D-06
49	-6.69646D-05	3.89180D-05	-4.73415D-05	-2.84014D-07	-5.65091D-07	-1.22687D-06
50	-2.63499D-05	1.72359D-05	-3.86865D-05	-1.36122D-06	-2.39694D-06	-3.42341D-07
51	-1.64962D-05	1.04158D-05	-2.75576D-05	-1.42981D-06	-2.34533D-06	-2.30107D-07

52	-3.06763D-07	-1.52168D-09	-3.81400D-07	-3.93632D-08	-1.81484D-07	8.50718D-09
53	-4.56818D-13	-1.27021D-14	-4.77185D-13	-5.38886D-12	-1.57279D-11	1.87194D-12
54	1.49966D-04	3.96933D-06	1.88251D-04	-1.56527D-05	7.84713D-06	-5.16400D-05
55	-9.56393D-05	-1.11338D-03	1.13114D-04	-2.10788D-05	5.22678D-06	-4.17220D-05
56	-8.34180D-05	-1.17269D-03	7.61433D-05	-2.84765D-05	-1.00322D-05	-2.97462D-05
57	1.04530D-04	6.29111D-06	-5.44396D-04	-1.46640D-05	8.22014D-06	-5.55978D-06
58	5.85860D-05	1.26353D-05	-3.75247D-04	-9.09027D-06	4.06986D-06	4.50413D-07
59	8.43727D-05	1.83355D-05	-2.44970D-04	-6.50596D-06	2.79871D-06	2.78757D-06
60	3.19918D-02	-4.32519D-03	3.95252D-02	1.01897D-03	7.41295D-04	-1.47633D-03
61	5.27660D-02	-1.08131D-02	4.51413D-02	7.00667D-04	2.28702D-03	-2.83871D-03
62	-1.98947D-01	1.21349D-02	-5.69789D-02	2.69308D-03	3.87310D-03	-2.28078D-03
63	-2.38096D-01	4.04926D-02	-1.16856D-01	5.29235D-03	4.40814D-03	2.12149D-04
64	-2.37613D-01	3.18578D-02	-4.28247D-01	7.88315D-03	3.60855D-03	-1.16381D-03
65	-1.37658D-01	-3.23695D-02	-3.15262D-01	1.09698D-02	6.50923D-04	-9.53040D-03
66	1.62248D-01	-3.21111D-02	1.86547D-02	1.09829D-02	2.35021D-04	-1.01227D-02
67	3.08991D-01	-6.48012D-04	1.59476D-01	6.53668D-03	1.22927D-03	-1.08903D-02
68	5.67072D-02	-2.07639D-01	1.50492D-02	2.36656D-03	1.62704D-03	-6.70135D-03
69	4.66818D-02	-2.01016D-01	1.21769D-02	2.64881D-03	9.50928D-04	-6.26950D-03
70	2.35943D-02	-1.03299D-01	1.23277D-02	1.95386D-03	-4.94419D-05	-4.73216D-03
71	-2.11499D-04	-2.13202D-01	1.02536D-02	1.34986D-03	-6.40073D-04	-3.87423D-03
72	-3.23199D-02	-2.29744D-01	2.95821D-03	5.42283D-04	-8.77051D-04	-1.09179D-03
73	-2.69860D-02	-2.31490D-01	-2.63407D-02	-5.46828D-05	-4.83937D-04	8.91118D-04
74	3.50947D-03	-1.88910D-01	-1.20066D-02	-7.07268D-04	-2.41081D-04	2.62473D-03
76	2.33313D-02	2.25342D-02	3.64544D-03	1.68622D-03	-4.17220D-04	-2.63904D-03
77	2.30968D-02	6.74215D-02	-9.85077D-03	1.50775D-03	-5.58144D-04	-1.32093D-03
78	2.88197D-03	5.63910D-02	-2.92302D-03	9.97077D-04	-9.77103D-04	9.23747D-04
79	-1.25782D-02	4.67789D-02	4.03733D-02	-1.36169D-03	-5.89031D-04	-4.07901D-04
80	-6.08336D-04	7.10532D-03	6.57545D-05	-5.83432D-04	-6.14750D-05	-4.58080D-05
82	5.24913D-03	2.24644D-02	8.51674D-03	-6.00496D-04	1.13695D-04	3.26558D-04
83	4.55486D-03	1.95797D-02	1.06908D-02	-6.00449D-04	2.77610D-04	-5.93516D-04
84	2.89313D-03	4.75356D-03	5.97522D-03	-4.26003D-04	2.66039D-04	-7.01885D-04
85	1.17528D-04	1.08899D-03	5.73030D-03	-1.97289D-05	2.61582D-04	-1.69177D-04
86	-2.52591D-04	9.48959D-04	1.45561D-04	9.72603D-05	1.27805D-05	4.27507D-05
87	-2.19752D-04	8.68397D-04	3.07337D-05	9.65573D-05	1.74955D-05	-1.08766D-05
88	-1.43780D-04	5.02605D-04	-7.62626D-07	4.50088D-05	1.19735D-05	-9.48350D-07
90	-2.06329D-04	5.33003D-04	5.68779D-05	2.19121D-05	-2.59739D-05	4.83899D-05
91	-1.09766D-04	3.96143D-04	6.34615D-06	-2.58070D-05	-1.04679D-05	3.34011D-05
93	-2.80520D-03	3.01520D-03	6.88879D-04	1.39127D-04	1.55304D-04	-7.31504D-05
94	-1.37854D-02	1.34558D-02	3.53863D-03	2.06747D-04	2.87165D-04	-1.44048D-04
95	-1.61680D-02	1.26913D-02	-2.67889D-03	3.59547D-05	2.09583D-04	-4.76867D-04
96	-1.57526D-02	5.65789D-03	-5.55586D-03	5.34316D-05	1.78572D-04	-4.50420D-04
97	-1.82669D-02	3.66073D-03	-6.60276D-03	9.76998D-05	1.76131D-04	-5.30526D-04
98	-1.89661D-02	-6.20595D-08	-7.91618D-03	1.23108D-04	1.56267D-04	-5.52691D-04
99	-2.42839D-04	-2.49846D-02	1.08929D-02	9.82867D-04	-2.71198D-04	-5.41529D-04
100	4.73546D-03	-1.58151D-02	1.57655D-02	1.04043D-03	-1.81267D-04	-5.87723D-04
101	6.74097D-03	-6.40997D-03	1.77614D-02	1.03429D-03	5.92854D-05	-7.13725D-04
102	4.38973D-03	-1.55376D-03	1.54386D-02	9.37859D-04	2.14425D-04	-6.86464D-04
103	1.60259D-02	-4.19002D-03	2.73423D-02	1.02051D-03	4.35605D-04	-1.12964D-03
104	-1.99949D-02	1.04848D-02	1.77635D-03	-1.58691D-04	-1.50732D-04	8.51174D-05
105	-1.63865D-02	6.91535D-03	1.77613D-03	-1.76204D-04	-1.96952D-04	1.11829D-04
106	-2.02157D-02	7.25319D-03	-2.59966D-03	-1.79959D-04	-1.96636D-04	1.41910D-04
107	-1.16405D-02	3.06898D-03	1.78160D-03	-1.74817D-04	-2.30594D-04	7.73587D-05
108	-2.78312D-03	-5.86268D-04	-2.41186D-03	-6.68545D-05	-8.70577D-05	-5.36901D-05
109	-2.19649D-03	-8.29891D-04	-2.41609D-03	-1.42980D-05	-8.19572D-05	-4.44881D-05
110	-1.95370D-03	-8.40014D-04	-2.41789D-03	-2.55525D-07	-8.07811D-05	-4.05444D-05
111	-1.57402D-03	-7.91602D-04	-2.42071D-03	1.15317D-05	-8.00608D-05	-3.43001D-05
112	-1.09397D-03	-7.09530D-04	-2.42291D-03	9.77073D-06	-8.05756D-05	-3.02772D-05
113	-2.76758D-04	-7.46447D-04	-3.90517D-03	-7.69286D-05	-8.54649D-05	-2.31988D-05
114	-6.13970D-04	-5.53803D-04	-2.42305D-03	3.51428D-05	-7.96914D-05	-3.03295D-05
115	-4.05837D-04	-4.31169D-04	-2.42314D-03	4.94587D-05	-7.92137D-05	-3.03744D-05

116	-1.39686D-04	-2.28684D-04	-2.42324D-03	6.11970D-05	-7.88435D-05	-3.04322D-05
117	1.25709D-04	-8.98228D-09	-2.42328D-03	6.49725D-05	-7.87461D-05	-3.04322D-05
118	-2.21347D-04	-2.28685D-04	-2.60213D-03	7.38172D-05	-7.84766D-05	-3.16612D-05
119	7.26379D-04	4.95564D-04	-2.42332D-03	6.49960D-05	-7.87806D-05	-3.04322D-05
120	-3.96417D-04	-2.28686D-04	-3.04919D-03	8.96392D-05	-7.77254D-05	-3.31975D-05
121	-3.28367D-04	2.73057D-06	-3.40494D-03	9.05262D-05	-7.76698D-05	-3.32830D-05
122	-2.76530D-03	-3.50048D-07	-3.15927D-03	-6.43123D-05	-6.66373D-05	-4.22661D-05
123	-2.73107D-03	4.93645D-04	-4.07238D-03	-5.94820D-05	-2.99370D-05	-1.53200D-05
124	-2.64256D-03	1.10675D-04	-3.36807D-03	-4.72793D-05	5.63717D-05	1.86928D-05
125	-2.62376D-03	-1.04692D-04	-2.71469D-03	-4.47971D-05	7.28227D-05	1.96006D-05
126	-2.59310D-03	-5.30631D-04	-9.69905D-04	-4.15846D-05	9.17833D-05	1.66220D-05
127	-3.38146D-03	-6.33005D-04	-2.17193D-03	-4.47986D-05	9.21941D-05	2.15062D-05
128	-2.55483D-03	-7.52045D-04	1.15609D 03	-3.18951D-05	1.06167D-04	1.01346D-06
129	-2.54063D-03	-7.42130D-04	1.82343D-03	-2.72066D-05	1.11302D-04	-7.91134D-06
130	-8.98034D-04	-3.87692D-04	3.12071D-03	-2.10890D-05	1.55121D-04	-5.26915D-05
131	-3.59434D-03	-7.33841D-04	3.11523D-03	-1.12986D-05	8.46579D-05	-2.36154D-05
132	-3.22134D-03	-4.57172D-08	1.43758D-03	1.72722D-05	-3.90701D-05	7.35173D-06
133	-2.57514D-03	-1.89178D-03	6.12260D-04	9.99427D-06	2.31272D-06	-1.40775D-05
134	2.23148D-03	1.33773D-07	3.12815D-03	-3.03585D-05	1.90358D-04	-9.41870D-05
135	5.33498D-03	5.59901D-04	3.13437D-03	-3.90332D-05	1.98753D-04	-1.30801D-04
136	9.55974D-03	1.45035D-03	3.14080D-03	-4.14358D-05	1.83326D-04	-1.61069D-04
137	1.47613D-02	1.80564D-03	2.41991D-03	-3.80956D-05	1.84802D-04	-1.82545D-04
138	1.30854D-02	2.37825D-03	3.14183D-03	-4.51414D-05	1.52888D-04	-1.47655D-04
139	1.55986D-02	1.06377D-03	2.43078D-03	-4.64448D-05	-3.25127D-05	-8.69656D-05
140	1.32687D-02	2.97591D-09	4.72497D-03	-3.03290D-05	-9.04190D-05	-5.65840D-05
141	1.24758D-02	-2.08968D-04	5.50611D-03	-2.50624D-05	-9.88959D-05	-5.03479D-05
142	1.23672D-02	-3.33069D-04	5.38292D-03	-1.23941D-04	1.19892D-04	1.17443D-04
143	1.20180D-02	-3.17531D-04	5.02750D-03	-1.77876D-04	1.94562D-04	1.77772D-04
144	1.11757D-02	-3.07027D-04	4.17549D-03	-2.77502D-04	2.88827D-04	2.59105D-04
145	9.84128D-03	-4.29133D-04	2.83340D-03	-3.54392D-04	3.27848D-04	2.98802D-04
146	2.34479D-03	-1.06084D-03	-1.13391D-02	-6.03725D-04	3.25040D-04	2.47505D-04
147	8.38937D-03	-4.85150D-04	1.38082D-0	-3.22368D-04	3.50553D-04	3.33084D-04
148	7.71959D-03	-4.09121D-04	7.10798D-04	-3.04646D-04	3.63372D-04	3.52743D-04
149	6.83012D-03	-2.28706D-04	-1.78946D-04	-2.90583D-04	3.73808D-04	3.69297D-04
150	5.92306D-03	-1.66158D-08	-1.08612D-03	-2.85662D-04	3.77445D-04	3.74218D-04
151	7.86095D-03	-2.28705D-04	5.99079D-04	-3.01161D-04	3.62460D-04	4.11806D-04
152	3.88805D-03	4.77627D-04	-3.12123D-03	-2.85646D-04	3.77420D-04	3.74234D-04
153	1.02440D-02	-2.28702D-04	2.26017D-03	-3.14485D-04	3.39224D-04	4.65156D-04
154	1.14726D-02	4.74723D-05	2.88843D-03	-3.15231D-04	3.37503D-04	4.68149D-04
155	6.81204D-03	-2.57198D-08	4.86013D-03	1.06974D-05	-1.51632D-04	-3.13291D-05
156	2.77808D-03	2.20311D-04	8.28458D-0	2.46847D-05	-1.40736D-04	-2.47591D-05
157	7.54390D-04	1.93708D-04	-1.23567D-03	2.72097D-05	-1.37053D-04	-2.45945D-05
158	1.24436D-03	1.09528D-04	-3.02399D-04	2.67636D-05	-1.36920D-04	-2.63824D-05
159	-1.29916D-03	1.03716D-04	-3.24378D-03	2.87170D-05	-1.32486D-04	-2.27188D-05
160	-2.50903D-03	2.52521D-08	-4.46507D-03	2.94238D-05	-1.15906D-04	-2.09753D-05
161	-5.51368D-03	-1.38369D-04	-7.96705D-03	2.67065D-05	-1.01643D-05	-1.83875D-05
162	-4.36160D-03	-1.40943D-09	-5.50650D-03	2.58512D-05	4.22828D-05	-1.19886D-05
163	-4.12598D-03	1.94200D-05	-4.86412D-03	2.59445D-05	3.01140D-05	-1.02860D-05
164	-4.05193D-03	2.85941D-05	-4.63094D-03	2.59993D-05	1.97691D-05	-9.15919D-06
165	-4.01284D-03	3.49997D-05	-4.20484D-03	2.61828D-05	8.93458D-06	-3.91170D-06
166	-1.15356D-03	2.60891D-03	-8.43532D-04	8.06195D-05	2.63408D-05	-1.23280D-06
167	-1.15510D-03	2.60403D-03	5.44452D-04	8.11611D-05	2.58769D-05	5.50083D-07
168	-1.10737D-03	2.46733D-03	-7.64587D-05	8.12096D-05	2.54558D-05	1.54859D-06
169	-1.04181D-03	2.15097D-03	2.21441D-04	8.27884D-05	2.13931D-05	1.28685D-05
170	-9.09610D-04	5.89960D-04	8.11685D-04	8.52650D-05	1.28330D-05	3.52973D-05
171	-7.99185D-04	5.90031D-04	5.27197D-04	8.64209D-05	1.28330D-05	3.18060D-05
172	-7.16722D-04	5.90086D-04	2.93837D-04	8.71111D-05	1.28330D-05	2.98836D-05
173	-5.64471D-04	5.90113D-04	-1.52960D-04	8.72102D-05	1.28330D-05	2.96525D-05
174	-3.64623D-04	5.90118D-04	-7.42252D-04	8.73408D-05	1.28330D-05	2.95884D-05
175	-8.93186D-04	2.67573D-04	8.83382D-04	8.53462D-05	1.20084D-05	3.75198D-05

176	-2.28611D-04	-6.49349D-04	5.49300D-10	8.42233D-05	9.95256D-06	5.23969D-05
177	-1.10307D-05	1.49291D-09	-5.36115D-04	4.00193D-05	8.07508D-06	6.39976D-06
178	-1.15425D-05	6.88534D-04	-2.94122D-10	2.47111D-05	4.51338D-06	-1.59443D-05
179	7.06732D-05	1.22712D-09	-2.27224D-04	4.21112D-06	1.01671D-08	4.94836D-06
180	1.15526D-05	1.06624D-03	-3.74899D-05	1.50371D-07	-1.49529D-06	-1.64276D-06
181	1.77196D-05	1.06236D-03	-5.79473D-05	-1.44129D-06	-2.53851D-06	1.98317D-06
182	9.52255D-05	9.90745D-05	-2.82608D-04	-6.68830D-06	2.27548D-06	3.81075D-06
183	9.06254D-05	6.06467D-05	-2.66597D-04	-6.61802D-06	2.50837D-06	3.38812D-06
184	6.86028D-05	1.79423D-05	-3.00614D-04	-7.93154D-06	3.38314D-06	1.60215D-06
185	7.72883D-05	-1.81192D-05	-2.20688D-04	-5.95575D-06	2.95582D-06	2.43830D-06
186	-5.13771D-05	-6.01241D-05	-6.35197D-05	-2.79329D-07	1.10727D-06	-2.33229D-06
187	-5.90445D-05	-4.49658D-05	-5.60604D-05	-1.74792D-07	8.97214D-07	-2.29129D-06
188	-6.49261D-05	-3.06409D-05	-5.06579D-05	-1.36117D-07	7.00051D-07	-2.20028D-06
189	-2.14067D-05	1.38102D-05	-3.31663D-05	-1.39511D-06	-2.37784D-06	-2.86481D-07
190	-4.05603D-03	7.08269D-10	-1.57943D-08	2.64514D-05	2.45064D-05	6.13987D-07
191	-4.11579D-03	1.33885D-09	-1.84386D-04	2.67765D-05	-9.76336D-06	-4.26163D-07
192	-4.11646D-03	3.70787D-06	-2.48289D-04	2.67894D-05	-9.13890D-06	-4.21005D-07
193	-4.09261D-03	8.93605D-06	-1.11197D-04	2.32890D-05	-6.54892D-06	-6.64305D-06
194	-1.84435D-03	-2.26243D-04	-5.57222D-04	-7.14619D-06	3.83801D-05	1.23803D-05
195	-4.60058D-04	-6.71280D-05	-1.37740D-04	-4.72463D-06	2.45691D-05	4.92289D-06
196	-2.11898D-04	4.05002D-06	2.96547D-04	-1.52535D-05	7.69048D-06	-5.16256D-05
197	6.66002D-04	-7.35374D-06	3.09741D-05	-1.56449D-05	7.84095D-06	-5.18098D-05
198	8.70078D-05	-2.45918D-04	1.69005D-04	-1.61134D-05	7.92976D-06	-5.11974D-05
199	-5.50943D-05	-1.00210D-03	-1.68462D-05	-2.81710D-05	-1.15312D-05	-2.75056D-05
200	1.21467D-05	-7.09505D-04	-2.37547D-04	-2.73378D-05	-1.33817D-05	-2.37507D-05
201	-6.50033D-05	-7.09545D-04	-1.47514D-04	-2.70859D-05	-1.37512D-05	-2.28478D-05
202	-1.11567D-04	-7.09568D-04	-9.17498D-05	-2.70120D-05	-1.39814D-05	-2.23021D-05
203	-1.81664D-04	-6.59404D-04	-3.86416D-05	-2.69374D-05	-1.44521D-05	-2.11338D-05
204	-1.48957D-04	-5.61047D-04	-1.45613D-04	-2.61904D-05	-1.42411D-05	-2.22185D-05
205	-1.21304D-04	-4.64360D-04	-2.35879D-04	-2.55998D-05	-1.37679D-05	-2.29673D-05
206	8.53562D-05	-4.64243D-04	-4.77715D-04	-2.63118D-05	-1.30747D-05	-2.04924D-05
207	2.04059D-04	-1.19044D-04	-8.67202D-04	-2.42412D-05	-6.69609D-06	-1.35385D-05
208	1.17299D-04	1.00680D-09	-5.86061D-04	-1.52552D-05	8.16125D-06	-5.48863D-06
209	9.62801D-03	-1.79456D-02	2.76236D-02	1.06028D-03	2.84273D-03	-3.13796D-03
210	-1.43073D-02	-1.96207D-02	1.79488D-02	1.11585D-03	2.90825D-03	-3.16022D-03
211	5.53611D-02	-2.23592D-02	4.03998D-02	1.14360D-03	2.90783D-03	-3.19848D-03
212	-3.89311D-02	-2.08453D-02	7.9877[illegible]D-03	1.15400D-03	2.97238D-03	-3.13571D-03
213	-1.70715D-01	5.47049D-07	-4.55183D-02	2.40871D-03	3.80812D-03	-2.43300D-03
214	3.05957D-01	-4.38642D-07	1.57744D-01	6.40247D-03	1.26398D-03	-1.08489D-02
215	2.51568D-02	-1.23718D-01	1.22929D-02	2.22164D-03	2.78693D-04	-5.09745D-03
216	2.35138D-02	-5.60310D-02	1.09283D-02	1.87022D-03	-1.86920D-04	-4.27173D-03
217	2.36019D-02	-1.52859D-01	1.34574D-02	1.79842D-03	-1.00591D-04	-4.83929D-03
218	-3.84270D-02	-2.29897D-01	-2.97844D-07	5.13672D-04	-8.54829D-04	-9.52369D-04
219	-4.82355D-02	-2.31417D-01	-2.59983D-02	8.55205D-05	-5.58538D-04	5.83081D-04
220	-4.70532D-02	-2.31424D-01	-2.61661D-02	8.20281D-05	-5.56679D-04	5.90662D-04
221	-4.67897D-02	-2.28254D-01	-2.31703D-02	8.19862D-05	-5.56540D-04	5.89375D-04
222	-4.58511D-02	-2.31427D-01	-2.63250D-02	7.85806D-05	-5.54954D-04	5.98987D-04
223	-3.39459D-02	-2.31504D-01	-2.66709D-02	-2.57681D-05	-4.99939D-04	8.28553D-04
224	-3.22692D-02	-2.31506D-01	-2.66138D-02	-2.88580D-05	-4.98214D-04	8.34616D-04
225	-3.19536D-02	-2.27033D-01	-2.39068D-02	-2.88995D-05	-4.98074D-04	8.33340D-04
226	-3.05771D-02	-2.31504D-01	-2.65487D-02	-3.18514D-05	-4.96622D-04	8.41331D-04
227	1.45351D-03	-9.83306D-02	-5.44615D-03	-6.87227D-04	-1.65766D-04	2.36091D-03
228	2.33991D-02	-2.87445D-06	6.89246D-03	1.75365D-03	-3.44461D-04	-3.28015D-03
229	7.99246D-03	2.25350D-02	-6.21027D-03	1.41437D-03	-3.89456D-04	-2.19699D-03
230	-2.32395D-04	2.25352D-02	-1.15232D-02	1.24971D-03	-3.72035D-04	-1.93583D-03
231	4.14807D-07	5.62950D-02	2.12605D-07	9.93384D-04	-9.72653D-04	8.97764D-04
232	-1.61139D-02	4.70132D-02	5.16165D-02	-1.27649D-03	-5.98067D-04	-4.06642D-04
233	-1.52948D-02	4.69917D-02	4.90467D-02	-1.28497D-03	-5.97323D-04	-4.07055D-04
234	-1.86480D-02	5.40840D-02	4.92338D-02	-1.28529D-03	-5.97415D-04	-4.07073D-04
235	-1.44735D-02	4.69695D-02	4.64563D-02	-1.29302D-03	-5.96491D-04	-4.07335D-04

236	-7.84767D-09	2.24748D-02	-1.12987D-08	-6.21426D-04	9.66834D-05	4.20412D-04
237	4.14981D-04	2.24736D-02	6.17039D-04	-6.15677D-04	1.01039D-04	4.00261D-04
238	2.74242D-03	2.24716D-02	4.28760D-03	-6.08829D-04	1.06658D-04	3.72498D-04
239	2.74277D-03	2.01493D-02	4.93556D-03	-6.08829D-04	1.07326D-04	3.69787D-04
240	4.90866D-03	2.24671D-02	7.91812D-03	-6.03572D-04	1.10622D-04	3.47214D-04
241	-4.57228D-04	9.61036D-04	6.18069D-04	1.21669D-04	3.41619D-05	4.91929D-05
242	-2.50863D-04	1.06129D-03	9.55229D-05	9.50722D-05	1.29805D-05	2.57107D-05
243	-2.51734D-04	7.18205D-04	1.48601D-04	6.34718D-05	3.64120D-07	4.90615D-05
244	-1.29958D-04	4.53203D-04	-6.33850D-07	4.11543D-05	1.12805D-05	-7.69300D-07
245	-6.31297D-05	2.15936D-04	-4.17592D-07	3.37842D-05	9.55371D-06	-5.38291D-07
246	-5.98111D-05	2.15964D-04	2.12681D-04	3.38128D-05	9.55371D-06	-5.30243D-07
247	-1.09227D-05	3.53003D-05	-2.26993D-07	2.22233D-05	6.39189D-06	-3.27209D-07
248	-9.87754D-05	3.60611D-04	5.34159D-06	-2.71759D-05	-9.32903D-06	2.74417D-05
249	-4.63001D-05	1.84733D-04	3.65458D-06	-2.55132D-05	-7.44541D-06	1.97529D-05
250	-1.70951D-04	1.84757D-04	-1.57270D-04	-2.55344D-05	-7.44541D-06	1.97759D-05
251	-7.19321D-06	3.65174D-05	1.98655D-06	-1.79093D-05	-4.83061D-06	1.20071D-05
252	1.15062D-05	-5.51671D-04	1.45914D-04	-1.85578D-05	7.44969D-06	-4.79403D-05

M O D A L A N A L Y S I S

MODE NUMBER 20
FREQUENCY= 19.2121 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-4.97261D-04	-4.04814D-04	1.25039D-04	-6.21255D-06	9.00406D-06	-1.44818D-06
3	-6.74030D-04	-4.72135D-04	1.24344D-04	4.36353D-07	1.68468D-05	-1.40313D-06
4	-6.43395D-04	-4.72238D-04	1.36395D-04	1.91011D-06	1.84200D-05	-2.06097D-06
5	-6.39271D-04	-4.62562D-04	1.65241D-04	1.56061D-05	1.58019D-05	-4.44888D-06
6	-7.83687D-04	-2.38972D-04	-3.10826D-05	2.65970D-05	1.27420D-05	-1.83975D-06
7	-1.05606D-03	2.39315D-04	-5.47956D-04	2.13586D-05	7.76410D-06	-5.97215D-06
8	-9.13688D-04	2.51124D-04	-4.69427D-04	1.09492D-05	-6.89115D-06	-1.47223D-05
9	-7.82947D-04	-3.89835D-05	-3.64718D-04	1.31542D-05	2.10940D-06	-1.07889D-05
10	-8.08253D-04	4.35979D-09	-3.94709D-04	1.31615D-05	1.01522D-06	-8.99970D-06
11	-1.04232D-04	5.50840D-04	-2.31263D-04	-4.44125D-06	-7.75122D-06	-7.07084D-06
12	2.75363D-04	8.44285D-09	-2.32686D-04	-8.08739D-06	-3.33989D-06	-5.90612D-06
13	3.05890D-04	-5.12711D-05	-2.30925D-04	-5.95841D-06	1.75886D-06	-3.35327D-06
14	3.04894D-04	1.69800D-05	9.28325D-05	9.11076D-08	-4.99384D-07	5.13532D-07
15	1.88679D-04	-6.63310D-06	9.25518D-05	-5.78952D-07	2.42220D-06	-2.11067D-07
16	1.40020D-04	-1.09013D-05	1.33492D-04	-6.83565D-07	1.46041D-06	-6.61603D-07
17	1.37255D-04	7.68064D-05	1.90940D-04	-9.50692D-07	-6.08908D-07	-7.85281D-07
18	1.27708D-04	9.15022D-05	1.72745D-04	-9.27337D-07	-1.75463D-06	-3.43360D-07
19	1.03639D-04	1.05183D-04	1.49241D-04	-9.67995D-07	-1.99615D-06	-4.48229D-08
20	9.03133D-05	1.07292D-04	1.19153D-04	-8.56396D-07	-1.86248D-06	5.46617D-07
21	8.82793D-05	4.98401D-05	3.36248D-05	-7.51621D-07	-1.14647D-06	1.57667D-06
22	4.60034D-05	2.98832D-06	8.28399D-06	-3.96321D-07	-9.26555D-08	1.95099D-06
23	6.07884D-12	1.66485D-13	7.75402D-13	-4.79749D-11	4.25066D-11	2.63311D-10
25	3.06416D-03	7.67928D-03	7.06288D-04	1.13601D-04	-5.50107D-07	-1.27515D-04
26	4.49819D-03	5.55793D-03	-3.91076D-03	-2.88412D-04	2.50723D-04	-2.21718D-04
27	7.04683D-03	5.56836D-03	-7.20373D-03	-2.86569D-04	2.88061D-04	-2.25478D-04
28	1.11828D-02	2.34894D-03	-2.00936D-02	-1.91966D-04	4.12977D-04	-1.01855D-04
29	1.11949D-02	1.29223D-03	-2.47615D-02	-1.56615D-04	4.17676D-04	-9.93058D-05
30	1.13231D-02	2.25892D-03	3.02068D-02	-9.33004D-05	-1.93943D-04	1.58233D-05
31	-4.99608D-04	7.50707D-06	9.989 1D-04	-8.95653D-06	1.28013D-05	1.08967D-05
32	-8.38999D-04	1.55267D-06	6.68091D-04	-3.27612D-06	-6.88205D-07	3.46435D-06
33	-7.24365D-04	-6.69884D-06	6.45889D-04	9.28588D-07	-6.08094D-06	1.31939D-06
34	-2.08901D-04	-5.32695D-05	1.33835D-04	4.35335D-07	-6.64833D-06	1.32313D-06
35	-1.10890D-04	-5.29131D-05	9.32212D-05	7.16128D-07	-6.28278D-06	1.08462D-06
36	-6.21295D-04	-9.74349D-04	-1.18116D-04	5.50820D-05	1.41774D-05	-1.83098D-05
37	-1.03214D-04	-1.64396D-03	3.36535D-04	4.55025D-05	4.32475D-05	-3.82328D-05
38	9.16764D-03	-1.72066D-03	-4.69361D-03	-1.68780D-04	1.30478D-04	-1.55129D-04
39	9.73679D-03	1.35176D-02	-1.18073D-03	-3.15591D-04	-9.19328D-05	-2.41919D-04
40	6.88712D-03	1.65874D-02	-7.32928D-04	-2.40299D-04	-3.57579D-04	-1.53632D-04
41	5.97575D-03	1.65956D-02	9.87126D-04	-2.34981D-04	-4.07892D-04	-1.10222D-04
42	1.14182D-02	1.60878D-02	2.31250D-03	5.60083D-05	-6.31878D-04	1.39143D-04
43	2.17688D-02	1.73624D-02	2.34065D-03	8.14890D-05	-5.79306D-04	1.48106D-04
44	2.44819D-02	1.63655D-02	1.78310D-03	2.80972D-05	2.38255D-04	2.28368D-04
45	2.46107D-02	-2.38483D-02	-7.85946D-02	-2.92304D-04	-7.14119D-04	-4.27955D-04
46	2.47639D-02	-2.26547D-02	-7.98591D 02	-2.82169D-04	-2.24217D-04	-5.54198D-04
47	4.26757D-02	-6.90432D-02	-1.33004D-01	-1.69459D-03	2.27291D-03	3.38515D-04
48	3.40827D-02	-7.31939D-02	-1.18723D-01	-8.44182D-04	1.71263D-03	-7.76624D-04
49	-5.29692D-02	2.23647D-02	-3.63329D-02	-9.86897D-05	-4.15166D-04	-4.59465D-04
50	-2.22512D-02	8.78426D-03	-2.96809D-02	-9.64049D-04	-1.83847D-03	6.85468D-05
51	-1.46950D-02	5.31838D-03	-2.11459D-02	-1.01341D-03	-1.80178D-03	1.37487D-04

52	-2.45381D-04	-8.45375D-08	-2.91055D-04	-3.09976D-05	-1.34730D-04	1.42006D-05
53	-3.42088D-10	-7.05667D-13	-3.61127D-10	-4.21431D-09	-1.16760D-08	2.28391D-09
54	4.78074D-01	9.91100D-04	1.70249D-01	2.68979D-03	1.78289D-02	-8.42614D-03
55	-4.78825D-02	-3.93053D-03	9.33462D-03	1.46729D-03	1.13079D-02	-6.13600D-03
56	-9.61045D-02	2.45738D-02	7.16792D-03	-1.56613D-03	-3.29361D-03	-3.05463D-03
57	8.60947D-03	-1.35744D-02	-3.07255D-01	-4.50627D-03	3.79748D-03	1.43523D-03
58	2.58251D-02	-4.83564D-02	-2.34425D-01	-3.69279D-03	2.87073D-03	2.32363D-03
59	5.69484D-02	-4.66807D-02	-1.81819D-01	-2.22186D-03	2.16252D-03	6.11551D-04
60	-5.57952D-04	-3.95521D-05	-2.25337D-05	1.59108D-05	7.10157D-08	-1.01102D-05
61	-3.59733D-04	6.21912D-05	2.19396D-04	7.52417D-06	-4.39337D-06	-1.45453D-05
62	-3.83874D-05	-1.95878D-05	3.53344D-04	7.45565D-07	-3.18003D-06	-8.61651D-06
63	-1.44913D-05	-8.46740D-05	3.84415D-04	1.85884D-06	-1.37765D-06	-1.24117D-06
64	-1.55559D-05	1.44885D-05	4.39037D-04	-2.92816D-06	-4.20864D-08	2.95981D-06
65	-8.74706D-05	7.81026D-05	3.30163D-04	-7.86779D-06	3.44327D-06	4.94403D-06
66	-2.31947D-04	7.83926D-05	8.30875D-05	-8.15415D-06	3.55236D-06	4.42915D-06
67	-2.94649D-04	1.18931D-05	-3.56720D-05	-4.95328D-06	3.40684D-07	5.53371D-07
68	-1.28995D-04	-4.81215D-04	5.54850D-05	3.36985D-06	-2.37565D-06	-7.92154D-06
69	-1.08100D-04	-4.61510D-04	6.06335D-05	5.79525D-06	-2.94503D-06	-7.74869D-06
70	6.02726D-07	-2.16252D-04	5.96588D-05	5.46883D-06	-1.84102D-06	-9.48512D-06
71	-5.19910D-05	-4.48337D-04	5.36321D-05	4.93748D-06	-1.59819D-07	-8.72931D-06
72	-1.26321D-04	-4.86458D-04	9.50311D-06	1.59976D-06	-8.89385D-07	-2.58760D-06
73	-1.06603D-04	-4.91243D-04	4.82783D-05	-1.39311D-06	7.36793D-08	2.28961D-06
74	-2.67593D-05	-3.94236D-04	7.02872D-05	-1.83716D-06	9.71321D-07	5.43714D-06
76	1.26242D-06	4.69599D-05	-2.33931D-07	4.89622D-06	-1.87233D-06	-5.54991D-06
77	1.78095D-06	1.43146D-04	-4.86206D-05	4.54524D-06	-1.83400D-06	-3.03776D-06
78	-1.93596D-07	1.48369D-04	-9.87677D-06	3.31137D-06	-2.05878D-06	4.06563D-08
79	-1.18287D-05	1.24789D-04	1.10905D-04	-3.95752D-06	-7.35078D-07	-1.28614D-07
80	-6.47280D-07	1.83339D-05	2.24994D-07	-1.52489D-06	-7.97051D-08	7.63541D-09
82	1.64686D-05	4.68570D-05	2.50232D-05	-1.75272D-06	8.13986D-08	1.05936D-06
83	1.66414D-05	4.13032D-05	3.19040D-05	-1.50159D-06	6.49305D-07	-1.12895D-06
84	1.26277D-05	1.02901D-05	2.05364D-05	-9.66638D-07	6.49708D-07	-1.46052D-06
85	6.16401D-06	2.35079D-06	1.92892D-05	6.71045D-08	6.90690D-07	-4.76470D-07
86	-4.60071D-07	2.04894D-06	3.32826D-07	2.82805D-07	3.37493D-08	4.85766D-08
87	-3.92285D-07	1.63161D-06	5.81228D-08	2.30192D-07	3.49199D-08	-2.34942D-08
88	-2.51419D-07	8.67875D-07	-1.49860D-09	8.30390D-08	2.12121D-08	4.80684D-09
90	-3.56818D-07	1.39496D-06	1.27170D-07	6.90813D-08	-5.73145D-08	1.04378D-07
91	-1.61551D-07	1.07364D-06	1.72863D-08	-6.99141D-08	-1.72367D-08	7.89489D-08
93	-6.27989D-05	-6.22589D-05	1.41608D-05	-3.38880D-06	3.63635D-06	-1.01222D-07
94	-3.35178D-04	-2.90920D-04	8.32232D-05	-5.92282D-06	7.67144D-06	-9.07106D-07
95	-7.15368D-04	-3.57967D-04	9.64785D-05	2.40555D-05	1.28481D-05	-1.13035D-06
96	-6.87345D-04	-6.30309D-04	-8.25541D 05	4.78329D-05	1.27203D-05	-1.39897D-05
97	-8.50668D-04	-1.02337D-04	-1.57459D-04	2.60720D-05	1.23703D-05	-1.63381D-06
98	-9.01052D-04	-1.28784D-08	-2.52672D-04	2.52214D-05	1.17948D-05	-2.28318D-06
99	-7.10907D-04	9.34010D-05	-2.78514D-04	9.95130D-06	-2.82560D-06	-1.50544D-05
100	-7.07255D-04	1.30744D-07	-2.82630D-04	1.04827D-05	1.30118D-06	-1.41073D-05
101	-7.63065D-04	-4.72702D-05	-3.43124D-04	1.22513D-05	2.47981D-06	-1.18586D-05
102	-8.00256D-04	-1.79012D-05	-3.84876D-04	1.31324D-05	1.60080D-06	-9.72171D-06
103	-6.77709D-04	-3.92472D-05	-2.14994D-04	1.49786D-05	1.17128D-06	-1.03553D-05
104	-3.83328D-05	5.04343D-04	-2.32604D-04	-7.01463D-06	-6.69388D-06	-7.48631D-06
105	9.63635D-05	3.41715D-04	-2.33465D-04	-8.56930D-06	-5.73029D-06	-7.72292D-06
106	3.16456D-04	3.24348D-04	-4.71833D-04	-9.35362D-06	-5.66432D-06	-8.20360D-06
107	2.04558D-04	1.56041D-04	-2.33108D-04	-8.68081D-06	-4.67780D-06	-6.98185D-06
108	3.05995D-04	-2.58517D-05	-2.13901D-04	-5.54571D-06	2.18031D-06	-2.86180D-06
109	2.77689D-04	-4.53050D-05	-2.14435D-04	-1.28583D-06	5.43497D-06	1.61294D-06
110	2.59325D-04	-4.65372D-05	-2.14661D-04	-3.95257D-07	6.48031D-06	3.53068D-06
111	2.24741D-04	-4.54167D-05	-2.15017D-04	-1.35074D-07	7.69213D-06	6.56711D-06
112	1.76668D-04	-4.68139D-05	-2.15297D-04	-9.96320D-07	8.07009D-06	8.52339D-06
113	-1.27534D-04	-7.82665D-05	-4.35770D-04	-1.21222D-05	7.58336D-06	1.18669D-05
114	1.27113D-04	-4.19972D-05	-2.15311D-04	1.82300D-06	8.36796D-06	8.55464D-06
115	1.04789D-04	-3.38353D-05	-2.15320D-04	3.41216D-06	8.53745D-06	8.58144D-06

116	7.55525D-05	-1.83705D-05	-2.15330D-04	4.71314D-06	8.67656D-06	8.61590D-06
117	4.59766D-05	-9.99826D-10	-2.15334D-04	5.13288D-06	8.72697D-06	8.61590D-06
118	9.92300D-05	-1.83705D-05	-2.29534D-04	5.98039D-06	8.45463D-06	9.35041D-06
119	-2.05741D-05	3.91515D-05	-2.15338D-04	5.13502D-06	8.72810D-06	8.61590D-06
120	1.52421D-04	-1.83705D-05	-2.66729D-04	7.56970D-06	8.00020D-06	1.02729D-05
121	1.72601D-04	1.20017D-06	-2.96817D-04	7.65887D-06	7.96654D-06	1.03246D-05
122	3.06132D-04	-3.75761D-09	-1.88319D-04	-5.07832D-06	2.53457D-06	-2.22560D-06
123	3.06346D-04	2.97462D-05	-1.34742D-04	-4.19029D-06	2.89568D-06	-1.13996D-06
124	3.06624D-04	4.03698D-05	5.38726D-06	-1.94684D-06	2.40835D-06	1.64027D-07
125	3.06634D-04	3.76430D-05	2.86597D-05	-1.47945D-06	2.04469D-06	1.72469D-07
126	3.06630D-04	3.37951D-05	6.69649D-05	-8.99880D-07	1.42144D-06	2.47818D-09
127	3.18225D-04	3.20483D-05	4.51016D-05	-8.20430D-07	1.37695D-06	-5.26502D-07
128	3.05797D-04	2.72038D-05	9.01874D-05	-4.81908D-07	6.82221D-07	3.81592D-07
129	3.05484D-04	2.38870D-05	9.34098D-05	-2.79667D-07	2.81789D-07	4.67939D-07
130	2.88576D-04	1.25971D-05	9.29557D-05	4.52034D-07	-1.98528D-06	5.82720D-07
131	3.05344D-04	1.71043D-05	9.28097D-05	-4.62430D-08	2.62479D-07	4.08656D-07
132	1.39619D-04	1.18718D-09	1.52927D-04	-7.26510D-07	1.22988D-06	-8.16458D-07
133	8.97545D-05	9.68588D-05	9.14621D-05	-8.26871D-07	-1.71977D-06	8.32520D-07
134	2.34894D-04	3.39119D-09	9.31343D-05	7.43348D-07	-3.76081D-06	6.89646D-07
135	1.67896D-04	-1.20019D-05	9.32798D-05	8.57423D-07	-4.93281D-06	7.83993D-07
136	5.43010D-05	-3.09955D-05	9.34289D-05	9.52212D-07	-5.67704D-06	8.61988D-07
137	2.32212D-05	-3.42404D-05	1.15328D-04	1.14730D-06	-5.66335D-06	8.26776D-07
138	-7.24892D-05	-4.85744D-05	9.32789D-05	7.78248D-07	-6.15086D-06	1.01160D-06
139	-4.09250D-04	-2.16971D-05	3.32812D-04	4.58220D-07	-6.55931D-06	1.43704D-06
140	-6.29394D-04	-1.32651D-08	5.51488D-04	1.02968D-06	-6.57753D-06	1.02080D-06
141	-6.87776D-04	-5.55532D-06	6.09529D-04	1.04487D-06	-6.41543D-06	1.04404D-06
142	-6.64571D-04	-3.98378D-05	6.37198D-04	-3.43075D-06	-3.89883D-06	-3.29453D-06
143	-6.58393D-04	-5.75197D-05	6.45277D-04	-1.96792D-06	-2.84730D-06	-1.77298D-06
144	-6.53117D-04	-6.03487D-05	6.53550D-04	4.49611D-06	-1.21407D-06	4.78405D-06
145	-6.51353D-04	2.38322D-06	6.57666D-04	1.23664D-05	-1.90366D-07	1.27142D-05
146	-1.87061D-03	5.15766D-05	1.86423D-03	5.94085D-05	1.95879D-06	5.98578D-05
147	-6.50703D-04	6.09408D-05	6.58398D-04	3.53499D-06	-1.47329D-07	3.88548D-06
148	-6.50492D-04	5.97579D-05	6.58661D-04	-1.43466D-06	-1.23209D-07	-1.08188D-06
149	-6.50270D-04	3.62887D-05	6.58942D-04	-5.49313D-06	-1.03745D-07	-5.13742D-06
150	-6.50063D-04	4.44108D-09	6.59174D-04	-6.80663D-06	-9.72802D-08	-6.45092D-06
151	-6.68575D-04	3.62883D-05	6.78270D-04	-8.88739D-06	-1.17123D-07	-8.46914D-06
152	-6.49548D-04	-7.15065D-05	6.59711D-04	-6.80940D-06	-9.76739D-08	-6.45368D-06
153	-7.27368D-04	3.62873D-05	7.39562D-0	-1.31430D-05	-1.44517D-07	-1.26462D-05
154	-7.77643D-04	-1.11082D-05	7.92336D-04	-1.33819D-05	-1.46546D-07	-1.28808D-05
155	-8.41211D-04	1.97998D-08	6.66058D-04	-4.44462D-06	2.22108D-07	3.93440D-06
156	-7.72113D-04	4.14036D-05	7.35178D-04	-7.69145D-06	5.50126D-06	7.78787D-06
157	-6.77996D-04	2.93249D-05	8.30956D-04	-7.68865D-06	7.72850D-06	1.00280D-05
158	-9.79802D-04	5.85854D-05	6.42912D-04	-6.62575D-06	7.56806D-06	1.16625D-05
159	-5.37787D-04	8.91514D-06	9.63880D-04	-8.53870D-06	1.03989D-05	1.02931D-05
160	-3.97175D-04	-1.64448D-08	1.09596D-03	-9.42439D-06	1.77535D-05	1.25518D-05
161	1.27260D-03	-3.99621D-04	3.18262D-03	-1.92812D-05	6.14123D-05	1.74589D-05
162	5.33300D-03	1.39406D-08	1.11355D-02	-4.74033D-05	1.80707D-04	-2.52916D-07
163	6.47625D-03	3.54902D-04	1.41349D-02	-5.40571D-05	2.23026D-04	-5.17593D-06
164	7.41235D-03	6.42160D-04	1.68733D-02	-5.83258D-05	2.48237D-04	-7.43002D-06
165	1.10958D-02	2.18178D-03	3.15907D-02	-7.78442D-05	1.37482D-04	-3.93727D-06
166	8.09625D-03	-1.71956D-03	-3.52910D-03	-1.64725D-04	1.29532D-04	-1.52272D-04
167	1.07745D-02	-1.64962D-03	-6.36041D-03	-1.70641D-04	1.30435D-04	-1.58271D-04
168	9.38161D-03	-2.32265D-04	-3.66150D-03	-1.71398D-04	1.30438D-04	-1.54004D-04
169	9.68753D-03	2.17875D-03	-2.05914D-03	-1.97943D-04	1.06550D-04	-1.52002D-04
170	9.92245D-03	1.00951D-02	-4.74784D-04	-2.84355D-04	-3.26866D-05	-2.07202D-04
171	9.34918D-03	1.00964D-02	5.08539D-04	-3.06907D-04	-3.26866D-05	-1.46207D-04
172	9.00936D-03	1.00975D-02	1.35342D-03	-3.19636D-04	-3.26866D-05	-1.12405D-04
173	8.44928D-03	1.00981D-02	2.99769D-03	-3.21259D-04	-3.26866D-05	-1.08276D-04
174	7.72588D-03	1.00982D-02	5.17119D-03	-3.22306D-04	-3.26866D-05	-1.06712D-04
175	9.84826D-03	1.17126D-02	-7.40795D-04	-3.00289D-04	-6.15829D-05	-2.26040D-04

176	6.40793D-03	1.65910D-02	1.44182D-08	-2.39617D-04	-3.79142D-04	-1.34716D-04
177	2.45755D-02	-2.48916D-08	1.84560D-02	-5.86181D-05	2.21872D-04	4.30701D-04
178	2.46330D-02	-3.20670D-02	-6.98598D-08	-1.76972D-04	-9.00624D-04	2.38377D-04
179	1.94974D-03	-6.78189D-08	-5.73404D-03	-1.04658D-03	1.10967D-03	3.39837D-04
180	5.50783D-03	-1.12598D-01	-1.79674D-02	-1.29968D-03	-2.35186D-03	-7.39683D-04
181	1.32195D-02	-1.07149D-01	-4.32339D-02	-1.22482D-03	-2.77306D-03	-1.13626D-03
182	6.59062D-02	-2.96576D-02	-2.11424D-01	-2.14367D-03	1.82145D-03	3.96805D-04
183	6.20587D-02	-3.69140D-02	-1.98704D-01	-2.17684D-03	1.97662D-03	4.86813D-04
184	4.65452D-02	-4.66273D-02	-2.03404D-01	-3.11996D-03	2.51530D-03	1.67066D-03
185	5.15161D-02	-5.64578D-02	-1.63222D-01	-2.01634D-03	2.25956D-03	5.02907D-04
186	-4.13961D-02	-3.12661D-02	-4.83221D-02	1.01603D-04	7.95131D-04	-1.14726D-03
187	-4.69257D-02	-2.21020D-02	-4.29198D-02	1.26615D-04	6.49849D-04	-1.10750D-03
188	-5.12155D-02	-1.37541D-02	-3.89842D-02	1.23154D-04	5.11319D-04	-1.04638D-03
189	-1.84621D-02	7.03757D-03	-2.54490D-02	-9.88487D-04	-1.82515D-03	1.02806D-04
190	1.13564D-02	-3.83788D-09	2.54712D-08	-1.13323D-04	-4.24499D-04	3.19391D-05
191	1.12242D-02	-6.83621D-08	-3.10034D-02	-1.52444D-04	2.79809D-04	-6.76667D-05
192	1.12137D-02	4.17144D-04	-2.89729D-02	-1.53993D-04	3.32969D-04	-7.70434D-05
193	1.36497D-02	1.26896D-03	-2.46952D-02	1.71020D-04	1.79883D-03	-4.56502D-04
194	2.74885D-03	6.20371D-03	6.42328D-04	1.28206D-04	-2.64559D-05	-9.23608D-05
195	9.31790D-04	1.78007D-03	1.98229D-04	9.57501D-05	-4.03641D-05	-2.82382D-05
196	4.19800D-01	9.95674D-04	1.51538D-01	2.67171D-03	1.76545D-02	-8.28433D-03
197	5.58301D-01	1.03372D-03	1.96016D-01	2.74730D-03	1.78224D-02	-8.58989D-03
198	3.35817D-01	1.69880D-03	1.26753D-01	2.61591D-03	1.78532D-02	-8.31448D-03
199	-8.55643D-02	4.41003D-02	-2.61625D-02	-1.78249D-03	-4.42260D-03	-2.54602D-03
200	-5.64460D-02	6.93808D-02	-1.19104D-01	-2.17189D-03	-5.98218D-03	-1.67068D-03
201	-6.13729D-02	6.93826D-02	-1.12595D-01	-1.81186D-03	-6.24481D-03	-1.34729D-03
202	-6.39808D-02	6.93836D-02	-1.09043D-01	-1.66732D-03	-6.40839D-03	-1.21176D-03
203	-6.06796D-02	7.17349D-02	-1.28180D-01	-1.51991D-03	-6.68983D-03	-1.05741D-03
204	-4.58172D-02	7.58641D-02	-1.76746D-01	-1.49068D-03	-6.25077D-03	-9.70763D-04
205	-3.39096D-02	7.96576D-02	-2.15559D-01	-1.36076D-03	-5.97031D-03	-1.23688D-03
206	-2.14518D-02	7.96278D-02	-2.31127D-01	-2.51115D-03	-6.30705D-03	-1.01158D-03
207	4.05803D-02	7.41791D-02	-4.28658D-01	-2.92530D-03	-3.63380D-03	-7.12819D-04
208	1.42651D-02	-1.71582D-07	-3.26600D-01	-4.38930D-03	3.74842D-03	1.19588D-03
209	-2.79312D-04	7.54298D-05	2.54294D-04	6.07813D-06	-4.58569D-06	-1.41918D-05
210	-2.40904D-04	7.76469D-05	2.70088D-04	5.97879D-06	-4.53497D-06	-1.41376D-05
211	6.27507D-05	6.53156D-05	4.09138D-04	6.29903D-06	-4.54536D-06	-1.41851D-05
212	-2.03510D-04	7.81702D-05	2.85275D-04	5.63550D-06	-4.45704D-06	-1.39896D-05
213	-6.16950D-05	1.67961D-09	3.43751D-04	1.16000D-06	-3.30308D-06	-9.62595D-06
214	-2.95645D-04	-3.52549D-10	-3.63049D-05	-4.83931D-06	2.84373D-07	3.79837D-07
215	-2.04309D-05	-2.72280D-04	5.98965D-05	5.90662D-06	-2.33554D-06	-9.07252D-06
216	8.08955D-07	-1.18611D-04	4.10853D-05	5.28989D-06	-1.85955D-06	-8.79788D-06
217	5.75032D-07	-3.17456D-04	7.53844D-05	5.20698D-06	-1.52706D-06	-9.87120D-06
218	-1.40914D-04	-4.86860D-04	1.16177D-09	1.34130D-06	-8.36125D-07	-2.26345D-06
219	-1.61963D-04	-4.90958D-04	1.17012D-05	-1.15229D-06	-1.26004D-07	1.51667D-06
220	-1.58887D-04	-4.90977D-04	1.40324D-05	-1.16011D-06	-1.21550D-07	1.53667D-06
221	-1.58475D-04	-4.83002D-04	1.49970D-05	-1.16023D-06	-1.21608D-07	1.53351D-06
222	-1.55754D-04	-4.90988D-04	1.63775D-05	-1.16750D-06	-1.17041D-07	1.55840D-06
223	-1.24668D-04	-4.91253D-04	3.71984D-05	-1.35542D-06	2.67503D-08	2.14189D-06
224	-1.20328D-04	-4.91260D-04	3.99302D-05	-1.35984D-06	3.12599D-08	2.15670D-06
225	-1.19784D-04	-4.79958D-04	4.01240D-05	-1.35996D-06	3.10311D-08	2.15358D-06
226	-1.15945D-04	-4.91259D-04	4.26668D-05	-1.36387D-06	3.59882D-08	2.17290D-06
227	-1.47229D-05	-2.04359D-04	3.79906D-05	-1.65376D-06	9.70587D-07	4.85124D-06
228	1.09629D-06	-7.43673D-09	1.49391D-05	5.04048D-06	-1.87255D-06	-6.87199D-06
229	-3.08591D-05	4.69651D-05	-2.88122D-05	4.08964D-06	-1.77026D-06	-4.56118D-06
230	-4.78493D-05	4.69678D-05	-4.41409D-05	3.59758D-06	-1.70622D-06	-3.96413D-06
231	-8.30657D-10	1.48142D-04	1.54243D-10	3.28334D-06	-2.04357D-06	4.03265D-08
232	-1.28979D-05	1.25382D-04	1.43777D-04	-3.73210D-06	-7.63620D-07	-1.16180D-07
233	-1.26617D-05	1.25329D-04	1.36260D-04	-3.75504D-06	-7.61076D-07	-1.17509D-07
234	-1.68281D-05	1.45788D-04	1.37054D-04	-3.75602D-06	-7.61144D-07	-1.17557D-07
235	-1.24214D-05	1.25272D-04	1.28686D-04	-3.77657D-06	-7.58468D-07	-1.18739D-07

236	-1.96204D-11	4.68784D-05	-3.18470D-11	-1.83447D-06	1.68980D-08	1.28888D-06
237	1.27417D-06	4.68761D-05	1.82121D-06	-1.81392D-06	3.29083D-08	1.23910D-06
238	8.52460D-06	4.68722D-05	1.26227D-05	-1.78854D-06	5.35649D-08	1.17102D-06
239	8.52584D-06	3.95500D-05	1.29783D-05	-1.78854D-06	5.55746D-08	1.16489D-06
240	1.53779D-05	4.68627D-05	2.32721D-05	-1.76693D-06	6.92452D-08	1.10918D-06
241	-6.57541D-07	2.07499D-06	1.72222D-06	3.61986D-07	9.02052D-08	3.71949D-08
242	-4.57150D-07	2.15469D-06	2.01495D-07	2.59417D-07	3.28800D-08	2.18216D-08
243	-4.59446D-07	1.68775D-06	3.41674D-07	1.91209D-07	2.36118D-09	7.21945D-08
244	-2.27162D-07	7.80717D-07	-1.24516D-09	7.39578D-08	1.98733D-08	3.96797D-09
245	-1.10012D-07	3.64911D-07	-8.19562D-10	5.89564D-08	1.67372D-08	2.88565D-09
246	-1.28371D-07	3.64965D-07	3.71124D-07	5.90139D-08	1.67372D-08	2.90554D-09
247	-1.88692D-08	5.61788D-08	-4.45495D-10	3.81619D-08	1.11676D-08	1.75409D-09
248	-1.44769D-07	9.77379D-07	1.45474D-08	-7.36363D-08	-1.47199D-08	6.48645D-08
249	-6.55221D-08	5.00773D-07	9.94779D-09	-6.91506D-08	-1.11675D-08	4.66928D-08
250	-3.60190D-07	5.00846D-07	-4.26296D-07	-6.92166D-08	-1.11675D-08	4.67486D-08
251	-9.00313D-09	9.90104D-08	5.40739D-09	-4.85448D-08	-7.04142D-09	2.83829D-08
252	1.70819D-01	1.16189D-03	7.62621D-02	2.15406D-03	1.58379D-02	-7.53425D-03

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5 9.848.6D 03 1.17126D 02 7.40795D 04 3.00289D 04 6.15829D 05 2.26040D 04

M O D A L A N A L Y S I S

MODE NUMBER 21
FREQUENCY= 19.6918 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.73436D-02	-4.89255D-02	-7.51286D-03	-6.26308D-04	-3.64803D-04	2.91556D-04
3	2.48753D-02	-5.76962D-02	-1.47147D-02	-2.45552D-04	-5.95959D-05	5.13131D-04
4	1.54865D-02	-5.77058D-02	-1.88066D-02	-1.86502D-04	-1.43965D-05	5.33900D-04
5	6.24353D-03	-5.37073D-02	-1.81036D-02	2.74353D-04	-5.90994D-05	7.58015D-04
6	1.67634D-03	-2.50276D-02	-1.43643D-02	6.29784D-04	-4.96929D-05	1.05877D-03
7	2.79269D-03	3.81358D-02	-1.23149D-02	5.42652D-04	-5.28850D-05	9.11912D-04
8	6.50910D-03	8.94144D-02	-7.05149D-03	-1.58449D-04	-2.28382D-05	-3.75631D-04
9	3.33776D-03	7.04057D-03	-1.01583D-02	2.09503D-04	1.16323D-04	-6.96587D-04
10	1.33942D-03	8.69053D-07	-1.25122D-02	2.63132D-04	1.61406D-04	-6.42017D-04
11	6.16561D-03	1.44496D-02	-1.62642D-02	-5.52483D-05	-9.43205D-05	-4.25158D-04
12	5.14241D-03	-1.38191D-07	-1.64172D-02	-2.47841D-04	9.68775D-05	-2.93099D-04
13	2.33312D-03	-1.60817D-03	-1.33156D-02	-2.28609D-04	1.53799D-04	-1.15096D-04
14	2.16861D-03	1.22964D-03	1.13512D-03	1.67546D-05	-3.88514D-06	6.77758D-05
15	1.11826D-03	1.49383D-03	1.13254D-03	-5.67967D-06	2.12817D-05	4.74323D-05
16	6.97422D-04	4.70012D-04	1.48364D-03	-8.47928D-06	1.25439D-05	3.33762D-05
17	6.75512D-04	-1.07351D-03	2.01265D-03	-1.31999D-05	-5.04630D-06	2.48335D-06
18	5.92720D-04	-9.63291D-04	1.85479D-03	-1.48603D-05	-1.56282D-05	-4.50006D-06
19	3.78043D-04	-7.14252D-04	1.64423D-03	-1.43144D-05	-1.82842D-05	-7.39440D-06
20	2.53946D-04	-4.85151D-04	1.35529D-03	-1.35675D-05	-1.89167D-05	-1.02971D-05
21	2.39290D-04	5.85705D-05	4.06230D-04	-9.21060D-06	-1.41968D-05	-6.26969D-06
22	1.97943D-04	2.37131D-05	7.69658D-05	-4.01338D-06	-2.72338D-06	6.93166D-06
23	4.21075D-11	-1.48772D-11	9.97198D-12	-4.21547D-10	1.09131D-10	1.25743D-09
25	2.62816D-03	-1.97496D-04	8.49940D-04	5.88702D-06	-4.09683D-05	-1.63457D-05
26	3.59941D-03	1.27306D-04	1.66641D-03	3.83146D-05	-2.87689D-05	-7.98715D-06
27	3.68811D-03	1.26632D-04	2.09878D-03	3.85749D-05	-2.60159D-05	-7.78087D-06
28	3.81104D-03	2.98837D-05	2.88313D-03	1.37257D-05	1.63203D-05	-1.48508D-06
29	3.80979D-03	1.34185D-05	2.68843D-03	1.20769D-05	1.97123D-05	-7.84356D-07
30	3.64485D-03	-3.67778D-04	5.67236D-03	-2.01304D-05	-5.76977D-05	-2.45311D-06
31	1.92896D-04	-1.58392D-04	1.71016D-03	-6.32069D-05	3.74822D-05	4.58303D-05
32	-1.79011D-03	3.56347D-04	-2.47875D-04	-8.57161D-06	2.76080D-05	6.76047D-05
33	-2.71639D-03	8.04352D-04	-2.17708D-04	2.87998D-05	3.32366D-05	8.55267D-05
34	-4.25479D-03	-5.49580D-03	1.33583D-03	6.51605D-05	-1.71853D-05	1.52313D-04
35	-3.70785D-03	-5.35953D-03	1.15679D-03	8.08993D-05	-5.47134D-05	1.55553D-04
36	8.92898D-04	-3.25480D-02	-1.39481D-02	1.03677D-03	-7.14523D-05	5.38074D-04
37	-6.49726D-04	-4.10307D-02	-4.15095D-03	7.07776D-04	1.17139D-04	-3.45344D-05
38	4.65885D-02	-4.24265D-02	-5.39107D-03	-5.73474D-04	-2.02947D-04	-7.39581D-04
39	4.28365D-02	2.52986D-02	-1.91411D-02	-1.24923D-03	-1.92941D-04	-1.21748D-03
40	2.31926D-02	4.41007D-02	-5.59549D-03	-1.84164D-03	-3.14463D-05	-2.22474D-03
41	7.67088D-03	4.40999D-02	7.47542D-03	-1.86764D-03	-3.26468D-05	-2.14249D-03
42	-6.13132D-03	2.65985D-02	2.48295D-02	-1.94061D-03	-3.30506D-04	-1.41886D-03
43	-7.84622D-04	-5.18181D-03	2.48469D-02	-1.91283D-03	-3.12485D-04	-1.14738D-03
44	1.47366D-03	-1.47577D-02	2.30149D-02	-2.01668D-03	-1.57028D-04	-5.56895D-04
45	1.53160D-03	-1.33552D-02	-5.24448D-03	-1.00483D-03	1.68474D-05	-1.28830D-04
46	1.51347D-03	-1.32566D-02	-5.13937D-03	-9.76834D-04	6.21836D-05	-2.43183D-04
47	-2.92072D-04	1.46238D-03	8.27004D-04	-8.78348D-05	-1.21699D-05	-8.21479D-05
48	-2.43848D-04	1.61331D-03	7.48185D-04	-8.81419D-05	-1.01222D-05	-7.61265D-05
49	4.44963D-04	1.06638D-03	1.17080D-04	-3.05772D-05	6.05704D-08	-5.07569D-05
50	3.28797D-04	5.35134D-04	8.30224D-05	-1.17067D-05	8.85771D-06	-3.74667D-05
51	2.92547D-04	3.25092D-04	4.21529D-05	-1.14191D-05	8.88824D-06	-3.60816D-05

52	2.66225D-06	-1.38602D-07	4.75663D-07	-2.38006D-08	2.81382D-07	-9.10747D-07
53	1.32522D-12	-1.15696D-12	8.24994D-13	-1.03154D-12	2.43853D-11	-1.05254D-10
54	-1.91636D-03	2.68061D-06	-2.31815D-03	-1.04529D-04	-1.10428D-04	6.22701D-05
55	1.47893D-03	-3.04745D-03	-1.26282D-03	-1.02386D-04	-7.16492D-05	2.62532D-05
56	1.30835D-03	-4.08131D-03	-7.77663D-04	-6.89102D-05	1.16938D-04	-1.86288D-05
57	1.24662D-03	4.19398D-05	-4.89951D-04	-6.80957D-05	-9.09539D-05	-3.03586D-05
58	9.24690D-04	2.13509D-04	-3.38529D-04	-8.79749D-05	-3.46725D-05	-7.46283D-05
59	-3.68266D-04	2.70730D-04	1.08605D-03	-9.29718D-05	-1.16678D-05	-8.65727D-05
60	1.11391D-02	7.20464D-03	4.80313D-03	8.19093D-04	-1.03508D-04	-1.50811D-04
61	4.11914D-03	2.44489D-02	2.27370D-02	2.35359D-04	-3.66394D-04	6.04402D-04
62	6.13648D-02	-1.23134D-02	4.72115D-02	-2.17546D-03	-1.40576D-03	9.81686D-04
63	8.59925D-02	-3.73830D-02	9.48638D-02	-3.93260D-03	-4.78168D-03	2.46254D-04
64	8.49894D-02	2.19423D-02	4.65241D-01	-6.62942D-03	-4.41882D-03	1.64613D-03
65	7.84704D-03	7.72055D-02	3.7065 D-01	-1.03217D-02	-4.76056D-04	6.64266D-03
66	-1.95830D-01	7.70195D-02	5.54927D-02	-1.03525D-02	2.79835D-04	6.57826D-03
67	-2.74246D-01	9.73995D-03	-7.90357D-02	-6.52880D-03	-8.77404D-04	4.82984D-03
68	-8.36041D-02	-2.42550D-01	2.85616D-02	1.41745D-03	-1.70839D-03	-2.48482D-03
69	-6.97240D-02	-2.30987D-01	3.20918D-02	2.90576D-03	-1.84561D-03	-2.56559D-03
70	-3.89955D-03	-1.03306D-01	3.15495D-02	2.89142D-03	-1.05706D-03	-4.43260D-03
71	-2.93174D-02	-2.13849D-01	2.90577D-02	2.64837D-03	-6.46998D-05	-4.24261D-03
72	-6.56471D-02	-2.32485D-01	5.09989D-03	8.54428D-04	-4.51462D-04	-1.26374D-03
73	-5.40806D-02	-2.34961D-01	2.80005D-02	-7.53337D-04	5.13212D-05	1.15098D-03
74	-1.47020D-02	-1.87888D-01	3.87845D-02	-8.90602D-04	5.36901D-04	2.59304D-03
76	-3.49561D-03	2.25445D-02	-1.56251D-03	2.59571D-03	-1.00822D-03	-2.66973D-03
77	-3.17280D-03	6.93249D-02	-2.71139D-02	2.41610D-03	-9.59379D-04	-1.49963D-03
78	-5.99157D-04	7.45365D-02	-5.24434D-03	1.75533D-03	-1.02748D-03	-1.36041D-04
79	-4.65192D-03	6.29916D-02	5.64914D-02	-2.04637D-03	-3.23475D-04	-3.49662D-06
80	-2.67152D-04	9.15348D-03	1.22580D-04	-7.64651D-04	-3.53661D-05	1.25702D-05
82	8.39890D-03	2.25090D-02	1.33809D-02	-9.35811D-04	3.64787D-05	5.42476D-04
83	8.60519D-03	1.98432D-02	1.70283D-02	-7.69027D-04	3.37696D-04	-5.25091D-04
84	6.51379D-03	4.94732D-03	1.11089D-02	-4.82310D-04	3.38500D-04	-6.95300D-04
85	3.35191D-03	1.13019D-03	1.03649D-02	4.61293D-05	3.62504D-04	-2.34969D-04
86	-2.17809D-04	9.85151D-04	1.66855D-04	1.48986D-04	1.77139D-05	2.12847D-05
87	-1.84784D-04	7.68998D-04	2.75015D-05	1.16273D-04	1.68504D-05	-1.02299D-05
88	-1.18001D-04	3.97975D-04	-8.08735D-07	3.90177D-05	9.97791D-06	3.93878D-06
90	-1.66164D-04	6.86341D-04	6.37471D-05	3.88197D-05	-2.86057D-05	5.12357D-05
91	-7.08212D-05	5.35709D-04	9.05492D-06	-3.45331D-05	-7.89166D-06	3.95822D-05
93	4.42047D-03	-7.52844D-03	-1.24475D-03	-3.69099D-04	-2.34979D-04	1.39017D-04
94	1.99998D-02	-3.51625D-02	-5.50762D-03	-6.15648D-04	-3.72895D-04	2.64107D-04
95	1.42025D-03	-3.85185D-02	-1.48267D-02	5.66609D-04	-5.69910D-05	1.06237D-03
96	1.23457D-03	-2.85730D-02	-1.41311D-02	9.52398D-04	-6.12442D-05	7.00573D-04
97	1.91033D-03	-1.10046D-02	-1.39383D-02	6.35833D-04	-4.58709D-05	1.07292D-03
98	2.08644D-03	-1.27570D-07	-1.36166D-02	6.29228D-04	-4.50588D-05	1.06306D-03
99	6.56904D-03	6.03809D-02	-6.90930D-03	-3.35218D-04	2.08553D-05	-8.17783D-04
100	5.82158D-03	3.62566D-02	-7.59363D-03	-2.63214D-04	5.47980D-05	-9.11436D-04
101	4.15731D-03	1.23876D-02	-9.31997D-03	4.32887D-05	9.92313D-05	-7.96299D-04
102	2.18004D-03	2.56030D-03	-1.15338D-02	2.26503D-04	1.52309D-04	-6.79012D-04
103	8.43310D-03	7.11645D-03	-4.96624D-03	5.80265D-04	1.51509D-05	-4.07805D-04
104	6.99377D-03	1.36656D-02	-1.63617D-02	-1.64379D-04	-3.97086D-05	-4.38472D-04
105	7.52217D-03	9.57068D-03	-1.64243D-02	-2.35315D-04	9.05642D-06	-4.46054D-04
106	2.04167D-02	8.52122D-03	-2.39125D-02	-2.77074D-04	1.25689D-05	-4.80457D-04
107	6.68952D-03	4.48652D-03	-1.64219D-02	-2.43980D-04	5.54435D-05	-3.83664D-04
108	2.32502D-03	-8.15621D-04	-1.20586D-02	-2.12853D-04	1.53361D-04	-9.83770D-05
109	1.37807D-03	-1.28724D-03	-1.21001D-02	-1.44007D-05	1.14367D-04	-4.61360D-05
110	1.06024D-03	-1.21116D-03	-1.21177D-02	2.74521D-06	9.55616D-05	-2.37469D-05
111	6.77818D-04	-1.15916D-03	-1.21455D-02	-5.35027D-05	6.31484D-05	1.17023D-05
112	3.64086D-04	-1.66790D-03	-1.21673D-02	-1.64304D-04	3.98830D-05	3.45413D-05
113	-1.30979D-03	-2.96846D-03	-3.28572D-02	-1.04111D-03	-1.14124D-05	7.41277D-05
114	1.30612D-04	-1.92439D-03	-1.21682D-02	2.60745D-05	3.83739D-05	3.45885D-05
115	3.16893D-05	-1.62792D-03	-1.21687D-02	1.33241D-04	3.75388D-05	3.46290D-05

116	-9.29165D-05	-9.11822D-04	-1.21693D-02	2.20789D-04	3.68745D-05	3.46811D-05
117	-2.16084D-04	-6.76751D-08	-1.21695D-02	2.49161D-04	3.66743D-05	3.46811D-05
118	-2.73990D-07	-9.11824D-04	-1.28544D-02	2.93761D-04	3.65346D-05	3.57960D-05
119	-4.95916D-04	1.90051D-03	-1.21698D-02	2.49270D-04	3.67029D-05	3.46811D-05
120	1.96608D-04	-9.11820D-04	-1.47241D-02	3.85272D-04	3.58387D-05	3.72056D-05
121	2.51623D-04	8.54492D-05	-1.62574D-02	3.90408D-04	3.57871D-05	3.72848D-05
122	2.31490D-03	3.01468D-07	-1.04828D-02	-1.95751D-04	1.48847D-04	-8.50868D-05
123	2.29531D-03	1.46635D-03	-7.78691D-03	-1.63256D-04	1.34426D-04	-6.68089D-05
124	2.24375D-03	3.36205D-03	-2.35341D-03	-8.11644D-05	8.65227D-05	-7.63081D-06
125	2.23263D-03	3.37178D-03	-1.53950D-03	-6.40620D-05	7.37750D-05	6.79240D-06
126	2.21444D-03	3.04137D-03	-1.54627D-04	-4.28546D-05	5.57844D-05	2.55338D-05
127	1.47843D-03	2.95085D-03	-1.35582D-03	-4.47888D-05	5.55672D-05	2.29520D-05
128	2.19217D-03	2.24438D-03	8.33259D-04	-1.77130D-05	3.36899D-05	4.61861D-05
129	2.18390D-03	1.92892D-03	1.01222D-03	-5.54795D-06	2.11663D-05	5.45065D-05
130	1.88320D-03	9.07521D-04	1.14006D-03	3.73107D-05	-3.35484D-05	8.62880D-05
131	2.16616D-03	1.38667D-03	1.13497D-03	1.22859D-05	2.82846D-06	6.48314D-05
132	6.94130D-04	2.52459D-08	1.65009D-03	-9.23820D-06	1.07318D-05	2.78202D-05
133	2.49858D-04	-3.16012D-04	1.06633D-03	-1.23397D-05	-1.83582D-05	-1.06356D-05
134	9.13201D-04	-2.95941D-08	1.14756D-03	6.43128D-05	-6.41394D-05	1.14898D-04
135	-2.48728D-04	-1.15380D-03	1.15402D-03	8.21967D-05	-7.62266D-05	1.40142D-04
136	-1.94200D-03	-3.02869D-03	1.16089D-03	9.03380D-05	-7.29408D-05	1.61010D-04
137	-6.70152D-03	-3.46949D-03	3.64804D-03	9.70690D-05	-7.32579D-05	1.73074D-04
138	-3.35580D-03	-4.86063D-03	1.15792D-03	8.40166D-05	-6.09024D-05	1.57343D-04
139	-4.18571D-03	-2.78612D-03	1.25869D-03	4.40920D-05	1.77641D-05	1.33500D-04
140	-3.18719D-03	-9.98769D-08	2.54599D-04	3.29662D-05	3.33111D-05	9.93719D-05
141	-2.90683D-03	4.94841D-04	-2.65841D-05	3.10795D-05	3.32323D-05	9.00639D-05
142	-2.94767D-03	8.35417D-04	-6.09658D-05	2.17451D-05	-1.22185D-05	1.24616D-05
143	-2.90279D-03	8.69564D-04	-1.33413D-05	2.42622D-05	-2.74009D-05	-1.42731D-05
144	-2.77365D-03	8.42158D-04	1.2011[illegible]D-0[illegible]	3.62805D-05	-4.60588D-05	-4.85805D-05
145	-2.55803D-03	7.70274D-04	3.3911[illegible]D-04	5.12197D-05	-5.32090D-05	-6.34879D-05
146	-1.53735D-03	9.07845D-04	3.41533D-03	1.42691D-04	-5.12352D-05	-2.28386D-05
147	-2.32085D-03	6.07580D-04	5.76551D-04	3.10403D-05	-5.74916D-05	-8.41725D-05
148	-2.21057D-03	4.74365D-04	6.86960D-04	1.97302D-05	-5.99125D-05	-9.59158D-05
149	-2.06343D-03	2.52097D-04	8.34257D-04	1.05607D-05	-6.18851D-05	-1.05642D-04
150	-1.91290D-03	1.02340D-08	9.84843D-04	7.51681D-06	-6.25753D-05	-1.08686D-04
151	-2.36363D-03	2.52099D-04	8.12283D-04	6.58856D-06	-5.93461D-05	-1.21487D-04
152	-1.57557D-03	-5.45705D-04	1.32223D-03	7.49461D-06	-6.25650D-05	-1.08708D-04
153	-3.07983D-03	2.52101D-04	7.92678D-04	1.61447D-06	-5.41472D-05	-1.41376D-04
154	-3.54243D-03	-3.10600D-06	8.84789D-04	1.33547D-06	-5.37621D-05	-1.42492D-04
155	-1.61690D-03	1.02139D-07	-7.62462D-05	-1.75674D-05	2.67944D-05	6.39132D-05
156	-8.91165D-04	-5.22017D-04	6.41855D-04	-5.23369D-05	2.88179D-05	5.21280D-05
157	-4.57058D-04	-4.48777D-04	1.08145D-03	-5.99926D-05	3.20446D-05	5.17623D-05
158	-1.88193D-03	-2.65274D-04	-6.02792D-04	-6.10177D-05	3.19118D-05	5.50212D-05
159	6.94515D-05	-2.27317D-04	1.59056D-03	-6.25013D-05	3.54545D-05	4.78411D-05
160	4.64643D-04	-4.62589D-08	1.97603D-03	-6.29145D-05	4.05314D-05	4.34423D-05
161	2.28242D-03	3.82448D-04	4.11100D-03	-5.13223D-05	2.69952D-05	3.48193D-05
162	2.88311D-03	9.80310D-10	5.02930D-03	-3.91533D-05	1.48264D-05	2.25201D-05
163	2.98886D-03	-1.01117D-04	5.26630D-03	-3.70556D-05	2.45619D-05	1.94994D-05
164	3.12023D-03	-1.67459D-04	5.62048D-03	-3.56092D-05	3.14859D-05	1.73805D-05
165	3.65455D-03	-4.10908D-04	7.41164D-03	-2.77229D-05	5.58777D-06	5.99893D-06
166	4.14605D-02	-4.24073D-02	-1.41266D-03	-5.62711D-04	-1.99476D-04	-7.30891D-04
167	5.42034D-02	-4.21219D-02	-1.12490D-02	-5.76839D-04	-2.02944D-04	-7.55806D-04
168	4.62236D-02	-3.57582D-02	-6.99057D-03	-5.83700D-04	-2.05341D-04	-7.27807D-04
169	4.54926D-02	-2.52937D-02	-9.66966D-03	-6.95787D-04	-2.11240D-04	-6.89893D-04
170	4.34805D-02	9.48218D-03	-1.68963D-02	-1.09339D-03	-1.96884D-04	-9.95382D-04
171	4.06911D-02	9.48355D-03	-1.33445D-02	-1.05626D-03	-1.96884D-04	-7.21517D-04
172	3.89904D-02	9.48462D-03	-1.05369D-02	-1.03634D-03	-1.96884D-04	-5.69806D-04
173	3.61419D-02	9.48514D-03	-5.23477D-03	-1.03410D-03	-1.96884D-04	-5.51290D-04
174	3.24536D-02	9.48525D-03	1.74717D-03	-1.03447D-03	-1.96884D-04	-5.44388D-04
175	4.31577D-02	1.69681D-02	-1.80253D-02	-1.17056D-03	-1.94550D-04	-1.10290D-03

176	1.63402D-02	4.41005D-02	-2.76780D-08	-1.85530D-03	-3.19608D-05	-2.19627D-03
177	1.49311D-03	-6.71232D-09	1.47725D-02	-1.74282D-03	-1.84436D-04	-3.32708D-05
178	1.51516D-03	-1.00653D-02	5.01699D-09	-1.36905D-03	-1.65459D-04	1.75543D-04
179	-1.68029D-03	-1.24063D-08	5.38923D-03	-6.68949D-04	4.59936D-05	-3.04867D-04
180	-1.55480D-04	-4.94396D-03	5.00591D-04	-3.93766D-04	-3.02170D-05	-8.24057D-05
181	-8.96750D-05	-5.20044D-03	2.93254D-04	-3.62353D-04	-1.50661D-05	-9.58812D-05
182	-4.09521D-04	-6.21153D-04	1.22917D-03	-9.89100D-05	-8.02454D-06	-9.12628D-05
183	-3.92970D-04	-2.13214D-04	1.17135D-03	-9.61744D-05	-9.59106D-06	-8.93210D-05
184	2.54136D-04	2.71628D-04	4.06555D-04	-8.97882D-05	-2.23749D-05	-8.04963D-05
185	-3.39195D-04	7.40592D-04	9.87141D-04	-9.09498D-05	-1.20758D-05	-8.49452D-05
186	2.50021D-04	5.89694D-04	2.94504D-04	-6.28628D-05	-6.07019D-06	-6.20780D-05
187	2.94501D-04	5.38016D-04	2.52743D-04	-5.82535D-05	-5.34018D-06	-6.13211D-05
188	3.31855D-04	5.20411D-04	2.19492D-04	-5.35514D-05	-4.63585D-06	-6.09459D-05
189	3.10723D-04	4.30314D-04	6.28751D-05	-1.15561D-05	8.88696D-06	-3.67693D-05
190	3.72249D-03	-3.35939D-09	3.92374D-08	-9.94530D-06	-4.29664D-05	-3.27815D-06
191	3.80627D-03	2.77201D-09	2.28385D-03	9.95499D-06	2.61401D-05	-2.75293D-07
192	3.80770D-03	3.90273D-06	2.44765D-03	1.07431D-05	2.38004D-05	-5.22708D-07
193	3.77650D-03	1.25761D-05	2.79048D-03	7.46116D-06	9.38885D-06	9.40195D-06
194	1.93976D-03	-1.75834D-04	6.04666D-04	2.94238D-06	-4.05654D-05	-1.38228D-05
195	4.82670D-04	-6.27896D-05	1.52647D-04	-6.71088D-07	-2.58979D-05	-6.64129D-06
196	-1.47964D-03	2.84106D-06	-1.59365D-03	-1.02783D-04	-1.09125D-04	6.25124D-05
197	-2.51060D-03	-2.83800D-05	-3.36627D-03	-1.05566D-04	-1.10389D-04	6.30436D-05
198	-1.03569D-03	-6.76165D-04	-2.04770D-03	-1.04767D-04	-1.10919D-04	6.03490D-05
199	9.80655D-04	-4.06189D-03	2.99842D-04	-6.67294D-05	1.25600D-04	-2.73998D-05
200	3.11081D-04	-3.78194D-03	2.50175D-03	-6.26763D-05	1.23839D-04	-4.39306D-05
201	1.47378D-04	-3.78216D-03	2.73147D-03	-7.45424D-05	1.28248D-04	-5.30478D-05
202	3.36778D-05	-3.78228D-03	2.89159D-03	-7.97025D-05	1.30994D-04	-5.58765D-05
203	-3.49909D-04	-3.66785D-03	3.73947D-03	-8.71648D-05	1.33187D-04	-5.55959D-05
204	-6.35303D-04	-3.44166D-03	4.67109D-03	-8.82546D-05	1.13266D-04	-6.19267D-05
205	-8.40312D-04	-3.20458D-03	5.33910D-03	-9.12318D-05	1.00006D-04	-6.08110D-05
206	-3.15331D-04	-3.20351D-03	4.56202D-03	-5.93653D-05	1.03294D-04	-5.68160D-05
207	-1.04750D-03	-1.62460D-03	6.97638D-03	-5.98420D-05	1.83031D-05	-5.57974D-05
208	1.10325D-03	-1.27172D-09	-2.21432D-05	-6.83234D-05	-9.48952D-05	-2.95402D-05
209	1.15027D-02	3.01531D-02	2.61572D-02	-2.15633D-04	-5.25606D-04	7.29855D-04
210	1.59328D-02	3.06716D-02	2.79993D-02	-2.72810D-04	-5.43019D-04	7.37694D-04
211	-1.11264D-04	3.13359D-02	2.29511D-02	-2.54256D-04	-5.43673D-04	7.38677D-04
212	2.04956D-02	3.05631D-02	2.98826D-02	-3.49317D-04	-5.62283D-04	7.44806D-04
213	5.19708D-02	-1.29723D-07	4.32875D-02	-1.90527D-03	-1.22804D-03	9.34752D-04
214	-2.72166D-01	2.82489D-07	-7.78649D-02	-6.37787D-03	-8.89589D-04	4.70248D-03
215	-1.62105D-02	-1.32953D-01	3.16817D-02	3.10616D-03	-1.38348D-03	-3.98898D-03
216	-3.77365D-03	-5.69937D-02	2.10459D-02	2.79901D-03	-1.04297D-03	-4.17066D-03
217	-3.91766D-03	-1.50946D-01	4.05639D-02	2.75894D-03	-8.77055D-04	-4.64392D-03
218	-7.27809D-02	-2.32691D-01	6.78579D-07	7.12457D-04	-4.23703D-04	-1.10439D-03
219	-8.20470D-02	-2.34803D-01	8.01934D-03	-6.36101D-04	-5.35828D-05	7.68702D-04
220	-8.04881D-02	-2.34813D-01	9.30621D-03	-6.40067D-04	-5.12612D-05	7.78691D-04
221	-8.02817D-02	-2.30782D-01	9.75312D-03	-6.40129D-04	-5.13066D-05	7.77107D-04
222	-7.89006D-02	-2.34819D-01	1.05998D-02	-6.43791D-04	-4.88963D-05	7.89548D-04
223	-6.31836D-02	-2.34963D-01	2.19933D-02	-7.36072D-04	2.65109D-05	1.07891D-03
224	-6.09966D-02	-2.34967D-01	2.34767D-02	-7.38143D-04	2.88758D-05	1.08617D-03
225	-6.07255D-02	-2.29285D-01	2.35180D-02	-7.38209D-04	2.87326D-05	1.08461D-03
226	-5.87885D-02	-2.34966D-01	2.49617D-02	-7.40010D-04	3.13777D-05	1.09412D-03
227	-8.08165D-03	-9.73569D-02	2.09666D-02	-7.96491D-04	5.35215D-04	2.30883D-03
228	-3.59766D-03	-3.79186D-06	6.63456D-03	2.67021D-03	-1.02178D-03	-3.29327D-03
229	-1.89402D-02	2.25480D-02	-1.67118D-02	2.16667D-03	-9.53628D-04	-2.18982D-03
230	-2.70911D-02	2.25499D-02	-2.48357D-02	1.90423D-03	-9.19377D-04	-1.89858D-03
231	-5.25021D-07	7.44268D-02	4.82082D-08	1.73890D-03	-1.01939D-03	-1.31610D-04
232	-4.65556D-03	6.32859D-02	7.35171D-02	-1.93251D-03	-3.38526D-04	3.44806D-06
233	-4.66127D-03	6.32593D-02	6.96240D-02	-1.94419D-03	-3.37173D-04	2.75530D-06
234	-6.49253D-03	7.38372D-02	7.00495D-02	-1.94471D-03	-3.37195D-04	2.73025D-06
235	-4.66502D-03	6.32314D-02	6.57014D-02	-1.95510D-03	-3.35799D-04	2.09630D-06

236	-9.59380D-09	2.25191D-02	-1.63468D-08	-9.81655D-04	2.19159D-06	6.55479D-04
237	6.48192D-04	2.25180D-02	9.74849D-04	-9.70404D-04	1.07544D-05	6.30905D-04
238	4.34267D-03	2.25163D-02	6.75275D-03	-9.56331D-04	2.18020D-05	5.97301D-04
239	4.34334D-03	1.87808D-02	6.90023D-03	-9.56331D-04	2.29245D-05	5.94246D-04
240	7.84123D-03	2.25117D-02	1.24453D-02	-9.44050D-04	3.00702D-05	5.66912D-04
241	-2.98750D-04	9.97670D-04	8.99569D-04	1.91191D-04	4.73443D-05	1.36905D-05
242	-2.16448D-04	1.03167D-03	9.85406D-05	1.34799D-04	1.69902D-05	9.14985D-06
243	-2.17652D-04	8.15857D-04	1.72121D-04	1.02008D-04	1.50741D-06	3.33612D-05
244	-1.06611D-04	3.57680D-04	-6.72964D-07	3.44252D-05	9.33903D-06	3.24520D-06
245	-5.16086D-05	1.65930D-04	-4.44958D-07	2.71445D-05	7.85794D-06	2.35034D-06
246	-6.65133D-05	1.65955D-04	1.70816D-04	2.71723D-05	7.85794D-06	2.36116D-06
247	-8.84028D-06	2.49182D-05	-2.41869D-07	1.74621D-05	5.24092D-06	1.42869D-06
248	-6.33533D-05	4.87805D-04	7.62024D-06	-3.65504D-05	-6.63421D-06	3.25215D-05
249	-2.82443D-05	2.50407D-04	5.21091D-06	-3.44644D-05	-4.93403D-06	2.34118D-05
250	-1.75997D-04	2.50446D-04	-2.12226D-04	-3.44989D-05	-4.93403D-06	2.34404D-05
251	-3.65707D-06	4.97213D-05	2.83253D-06	-2.42374D-05	-3.07439D-06	1.42312D-05
252	9.00431D-07	-1.50563D-03	-1.72497D-03	-1.05040D-04	-1.02884D-04	4.75810D-05

M O D A L A N A L Y S I S

MODE NUMBER 22
FREQUENCY= 20.3139 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-3.37343D-02	-2.34948D-02	8.72799D-03	-3.14206D-04	5.59561D-04	-4.82806D-05
3	-4.25027D-02	-2.53186D-02	1.15825D-02	3.05257D-04	8.47902D-04	-1.77572D-04
4	-3.89836D-02	-2.53298D-02	1.74757D-02	3.88477D-04	9.05685D-04	-2.14972D-04
5	-3.67989D-02	-2.46534D-02	2.36564D-02	1.09252D-03	7.44581D-04	-3.59770D-04
6	-4.21581D-02	-1.27914D-02	1.75912D-02	1.64320D-03	5.46911D-04	-2.27745D-04
7	-5.43766D-02	1.37833D-02	-5.58446D-03	1.36908D-03	3.82654D-04	-3.98708D-04
8	-5.49054D-02	2.07511D-02	-1.11952D-02	7.27055D-04	-1.79015D-04	-9.09732D-04
9	-6.20248D-02	-1.08169D-03	-1.97094D-02	7.76546D-04	1.82011D-04	-7.52082D-04
10	-6.39295D-02	2.27571D-07	-2.18111D-02	7.83301D-04	6.35948D-05	-6.25693D-04
11	-1.28637D-02	3.16174D-02	-8.68132D-03	-2.45849D-04	-5.74346D-04	-3.85169D-04
12	1.81914D-02	4.90283D-07	-8.72873D-03	-4.67436D-04	-3.18491D-04	-3.15426D-04
13	2.21697D-02	-3.10748D-03	-1.03765D-02	-3.18921D-04	4.78773D-05	-1.96650D-04
14	2.21137D-02	4.28173D-03	5.10302D-03	9.16456D-05	-5.40066D-05	7.46487D-05
15	1.38498D-02	3.32277D-03	5.09394D-03	-7.76355D-05	1.88460D-04	5.46402D-05
16	9.85609D-03	3.28904D-04	8.64697D-03	-1.00124D-04	1.38052D-04	2.69700D-05
17	9.64694D-03	2.59785D-03	1.55140D-02	-1.15365D-04	-2.71244D-05	-4.37781D-05
18	8.99816D-03	3.89761D-03	1.43448D-02	-1.14868D-04	-1.24380D-04	-2.87571D-05
19	7.24620D-03	5.53693D-03	1.26355D-02	-1.14539D-04	-1.47299D-04	-1.54270D-05
20	6.23949D-03	6.22996D-03	1.03372D-02	-1.03415D-04	-1.46376D-04	1.75921D-05
21	6.08454D-03	3.46229D-03	3.30370D-03	-8.09515D-05	-9.88527D-05	9.09348D-05
22	3.29871D-03	2.91945D-04	8.2860[illegible]D-04	-4.09112D-05	-1.11129D-05	1.37471D-04
23	4.63882D-10	-1.33305D-11	7.7478[illegible]D-11	-4.72752D-09	2.89265D-09	1.91087D-08
25	7.68611D-02	-6.51171D-03	2.50654D-02	2.48783D-04	-1.18176D-03	-5.38862D-04
26	1.03449D-01	9.33448D-03	5.89077D-02	1.78893D-03	-7.70523D-04	-1.83443D-04
27	1.05471D-01	9.30348D-03	7.90817D-02	1.80754D-03	-6.81526D-04	-1.82076D-04
28	1.09554D-01	4.76858D-03	1.12900D-01	9.97929D-04	7.68751D-04	-1.77151D-04
29	1.09507D-01	2.73941D-03	1.03920D-01	9.38863D-04	8.90819D-04	-1.56752D-04
30	1.04253D-01	-2.51526D-03	2.23883D-0[illegible]	7.03050D-05	-2.21431D-03	-3.07267D-05
31	-2.69137D-02	-9.71864D-04	3.00955D-02	-8.31455D-04	5.09415D-04	7.63653D-04
32	-3.34321D-02	1.62344D-03	2.41433D-02	-2.43622D-04	-1.82546D-04	4.96205D-04
33	-2.65510D-02	2.12921D-03	2.40856D-02	1.22035D-04	-2.32192D-04	3.38532D-04
34	-8.93326D-03	-1.48741D-02	6.88455D-03	1.37727D-04	-2.76662D-04	3.10533D-04
35	-4.22122D-03	-1.42024D-02	5.06204D-03	2.00752D-04	-3.39075D-04	2.64640D-04
36	-3.67879D-02	-5.47110D-02	1.46934D-02	2.86992D-03	2.98054D-04	-1.29509D-03
37	-2.03656D-02	-8.81874D-02	4.00989D-02	1.80286D-03	1.85567D-04	-1.69299D-03
38	2.06442D-01	-9.22060D-02	-2.26722D-02	-2.61013D-03	-9.60541D-04	-2.38276D-03
39	1.88595D-01	1.32199D-01	-8.84357D-02	-5.69068D-03	-9.33566D-04	-4.33770D-03
40	1.06005D-01	2.09650D-01	-2.60316D-02	-8.56623D-03	-1.60530D-04	-9.53868D-03
41	3.93546D-02	2.09650D-01	3.48076D-02	-8.69373D-03	-1.61737D-04	-9.18919D-03
42	-1.98405D-02	1.28198D-01	1.1564[illegible]D-01	-9.02291D-03	-1.40043D-03	-6.10521D-03
43	2.69257D-03	-1.95534D-02	1.15732D-01	-8.89663D-03	-1.30585D-03	-4.94730D-03
44	1.17003D-02	-6.63181D-02	1.08779D-01	-9.30548D-03	-5.61634D-04	-2.44623D-03
45	1.18829D-02	-5.34844D-02	-3.91961D-02	-4.82506D-03	1.27006D-05	-5.98106D-04
46	1.17886D-02	-5.31290D-02	-3.87137D-02	-4.70157D-03	3.53156D-04	-1.10035D-03
47	6.84377D-04	1.03453D-02	-1.75953D-03	-6.61679D-04	2.07690D-05	-5.15338D-04
48	5.89435D-04	1.09979D-02	-1.60156D-03	-6.33413D-04	2.14241D-05	-5.14110D-04
49	9.19821D-05	7.60469D-03	-1.03262D-03	-2.03799D-04	-1.90740D-05	-3.35060D-04
50	8.88513D-04	3.61739D-03	-9.11574D-04	-1.15763D-04	-3.62182D-05	-2.24376D-04
51	1.03844D-03	2.18484D-03	-7.41857D-04	-1.16327D-04	-3.42090D-05	-2.12179D-04

52	3.72287D-06	-1.13781D-06	-1.09848D-05	-1.48948D-06	-4.95519D-06	-4.73989D-06
53	-9.07811D-12	-9.49777D-12	-1.26215D-11	-1.93042D-10	-4.29430D-10	-5.15835D-10
54	-2.01792D-02	2.50232D-03	-1.65241D-02	-2.57392D-03	-9.39917D-04	1.33901D-03
55	9.10754D-03	-7.39183D-02	-7.38882D-03	-2.49298D-03	-6.30509D-04	5.71493D-04
56	8.84316D-03	-9.81366D-02	-4.41104D-03	-1.56180D-03	7.03872D-04	-4.40356D-04
57	1.32813D-02	1.04211D-03	-1.85305D-02	-7.74518D-04	-4.73948D-04	-4.47451D-04
58	9.40339D-03	3.22746D-03	-1.39843D-02	-7.61403D-04	-1.40611D-04	-5.34576D-04
59	7.98120D-04	3.72379D-03	-2.17380D-03	-7.16644D-04	1.32262D-05	-5.33472D-04
60	-4.53925D-02	-1.15448D-03	6.20553D-05	9.13221D-04	6.89729D-05	-7.78242D-04
61	-2.94784D-02	2.53233D-03	1.35817D-02	4.90678D-04	-2.27820D-04	-1.21100D-03
62	-1.83256D-02	6.74609D-04	1.81572D-02	4.49942D-04	5.71639D-05	-8.45767D-04
63	-2.16533D-02	7.60972D-04	1.05826D-02	9.14890D-04	8.92616D-04	-1.21756D-04
64	-2.15051D-02	-2.91713D-03	-6.24301D-02	1.12826D-03	9.13128D-04	-1.20920D-04
65	-9.63787D-03	-1.03529D-02	-5.09770D-02	1.54830D-03	3.28728D-04	-1.12563D-03
66	2.54136D-02	-1.02886D-02	-4.15618D-03	1.53665D-03	1.72682D-04	-1.14637D-03
67	3.81875D-02	-1.25346D-03	1.51346D-02	1.02900D-03	2.13216D-04	-9.59957D-04
68	8.22974D-03	2.29140D-02	-2.01957D-03	-9.62384D-05	2.01866D-04	9.22520D-05
69	6.73300D-03	2.17631D-02	-2.41736D-03	-2.60852D-04	1.85483D-04	1.20284D-04
70	3.05267D-04	9.78118D-03	-2.38389D-03	-2.73946D-04	1.04691D-04	4.09076D-04
71	2.73465D-03	2.02013D-02	-2.51869D-03	-2.42839D-04	3.22573D-05	4.07251D-04
72	6.22152D-03	2.19964D-02	-4.82455D-04	-8.18079D-05	6.71206D-05	1.19192D-04
73	4.76239D-03	2.22527D-02	-1.59489D-03	6.10074D-05	1.28151D-05	-1.13042D-04
74	1.08688D-03	1.78006D-02	-2.78632D-03	7.86400D-05	-3.58764D-05	-2.47008D-04
76	2.71739D-04	-2.16106D-03	7.38977D-04	-2.48955D-04	9.15526D-05	2.56025D-04
77	2.45002D-04	-6.71587D-03	2.99150D-03	-2.34488D-04	8.34063D-05	1.46626D-04
78	4.41886D-05	-7.22719D-03	5.25896D-04	-1.75459D-04	8.34162D-05	9.42767D-06
79	4.04342D-04	-6.14091D-03	-5.55448D-03	2.03521D-04	2.72073D-05	1.17046D-06
80	2.33708D-05	-8.82465D-04	-1.29862D-05	7.40543D-05	3.00673D-06	-8.56936D-07
82	-7.97941D-04	-2.16006D-03	-1.37279D-03	9.59549D-05	-8.28720D-06	-5.15324D-05
83	-8.08297D-04	-1.89826D-03	-1.72575D-03	7.76053D-05	-3.70021D-05	4.92733D-05
84	-5.81956D-04	-4.70308D-04	-1.08559D-03	4.84751D-05	-3.64106D-05	6.56230D-05
85	-2.79517D-04	-1.07633D-04	-1.00295D-03	-3.76217D-06	-3.80330D-05	2.12832D-05
86	2.14801D-05	-9.38309D-05	-1.64798D-05	-1.46298D-05	-1.85859D-06	-2.37525D-06
87	1.82776D-05	-7.47652D-05	-2.60226D-06	-1.13880D-05	-1.62687D-06	8.59495D-07
88	1.17790D-05	-3.86841D-05	1.09802D-07	-3.80394D-06	-9.90095D-07	-4.60134D-07
90	1.63236D-05	-6.38667D-05	-6.40569D-06	-4.01197D-06	2.86037D-06	-4.99281D-06
91	6.82765D-06	-5.02681D-05	-9.25486D-07	3.20265D-06	7.71229D-07	-3.85438D-06
93	-4.65070D-03	-3.89702D-03	1.14492D-03	-2.01673D-04	2.60701D-04	1.10875D-05
94	-2.33671D-02	-1.73319D-02	6.01099D-03	-3.20649D-04	5.00880D-04	-2.02241D-05
95	-3.92247D-02	-1.90510D-02	2.30858D-0	1.52045D-03	5.54408D-04	-1.96195D-04
96	-3.84928D-02	-3.56135D-02	1.56166D-02	2.59720D-03	3.79610D-04	-9.90942D-04
97	-4.50446D-02	-5.53007D-03	1.21511D-02	1.61715D-03	5.39072D-04	-2.04735D-04
98	-4.72497D-02	-6.48835D-07	7.98678D-03	1.57365D-03	5.22085D-04	-2.29319D-04
99	-5.02501D-02	1.13235D-02	-7.25503D-03	6.24811D-04	5.04518D-05	-9.70311D-04
100	-5.38841D-02	4.48695D-03	-1.13755D-02	6.34536D-04	2.46436D-04	-9.34577D-04
101	-6.02477D-02	-6.56014D-04	-1.78754D-02	7.24890D-04	2.35992D-04	-8.14178D-04
102	-6.33815D-02	-6.22708D-04	-2.11849D-02	7.79883D-04	1.18718D-04	-6.75631D-04
103	-5.44582D-02	-1.11525D-03	-1.09957D-02	8.68734D-04	1.29988D-04	-7.59126D-04
104	-7.97291D-03	2.90053D-02	-8.74197D-03	-3.97489D-04	-5.18502D-04	-4.01219D-04
105	2.60844D-03	1.97545D-02	-8.78095D-03	-4.88718D-04	-4.65566D-04	-4.10359D-04
106	1.42481D-02	1.88487D-02	-2.19527D-02	-5.29516D-04	-4.62135D-04	-4.33892D-04
107	1.17199D-02	9.05872D-03	-8.75673D-03	-5.00772D-04	-4.04012D-04	-3.71636D-04
108	2.21800D-02	-1.60864D-03	-9.78235D-03	-2.89351D-04	8.09514D-05	-1.74249D-04
109	2.05660D-02	-2.58753D-03	-9.81286D-03	-6.13096D-05	3.45347D-04	1.30780D-04
110	1.93624D-02	-2.63116D-03	-9.82583D-03	-1.57002D-05	4.32834D-04	2.61507D-04
111	1.69869D-02	-2.55378D-03	-9.84626D-03	-7.59978D-06	5.38465D-04	4.68492D-04
112	1.35832D-02	-2.64448D-03	-9.86227D-03	-5.97573D-05	5.76574D-04	6.01846D-04
113	-7.74598D-03	-4.68510D-03	-2.24666D-02	-7.02101D-04	5.50431D-04	8.28764D-04
114	1.00223D-02	-2.38383D-03	-9.86300D-03	1.01940D-04	6.03207D-04	6.04553D-04
115	8.40687D-03	-1.92257D-03	-9.86348D-03	1.93054D-04	6.18348D-04	6.06875D-04

116	6.28219D-03	-1.04458D-03	-9.86403D-03	2.67599D-04	6.30755D-04	6.09860D-04
117	4.12733D-03	-5.73854D-08	-9.86423D-03	2.91704D-04	6.35211D-04	6.09860D-04
118	7.97497D-03	-1.04459D-03	-1.06659D-02	3.36400D-04	6.11537D-04	6.73485D-04
119	-7.16451D-04	2.22510D-03	-9.86442D-03	2.91840D-04	6.35255D-04	6.09860D-04
120	1.18489D-02	-1.04459D-03	-1.27484D-02	4.22721D-04	5.72186D-04	7.53374D-04
121	1.33691D-02	4.80441D-05	-1.44282D-02	4.27565D-04	5.69271D-04	7.57853D-04
122	2.21932D-02	-9.27929D-08	-8.69884D-03	-2.55012D-04	1.11216D-04	-1.46947D-04
123	2.22145D-02	2.27362D-03	-6.08622D-03	-1.89769D-04	1.46862D-04	-9.99813D-05
124	2.22470D-02	4.94907D-03	1.49559D-03	-2.49424D-05	1.27985D-04	-2.96304D-05
125	2.22499D-02	5.17853D-03	2.73163D-03	9.39633D-06	1.03971D-04	-2.40864D-05
126	2.22529D-02	5.60710D-03	4.60990D-03	5.19773D-05	6.11720D-05	-2.40910D-05
127	2.40134D-02	5.77286D-03	6.35321D-03	6.46865D-05	5.74184D-05	-6.87177D-05
128	2.21862D-02	5.36194D-03	5.42298D-03	6.87083D-05	1.40096D-05	2.95943D-05
129	2.21610D-02	5.07115D-03	5.44241D-03	7.68039D-05	-9.69096D-06	4.84487D-05
130	2.07651D-02	2.94301D-03	5.10462D-03	1.37256D-04	-1.50770D-04	1.04531D-04
131	2.23195D-02	5.05465D-03	5.10280D-03	5.52983D-05	5.80310D-06	7.17527D-05
132	9.82592D-03	1.91606D-07	1.05612D-02	-1.02575D-04	1.22178D-04	7.30354D-06
133	6.19694D-03	5.84932D-03	8.12800D-03	-9.70847D-05	-1.38766D-04	3.53594D-05
134	1.68967D-02	7.64818D-09	5.10636D-03	1.92376D-04	-2.56719D-04	1.50714D-04
135	1.24267D-02	-3.25012D-03	5.10716D-03	2.25683D-04	-3.15454D-04	1.91463D-04
136	5.30963D-03	-8.26483D-03	5.10751D-03	2.39392D-04	-3.41769D-04	2.25149D-04
137	-1.35123D-03	-9.07728D-03	1.15967D-02	2.61946D-04	-3.40637D-04	2.28664D-04
138	-2.09346D-03	-1.29664D-02	5.07447D-03	2.12329D-04	-3.44920D-04	2.51688D-04
139	-1.62011D-02	-8.17205D-03	1.39904D-02	1.01402D-04	-2.14383D-04	3.48459D-04
140	-2.31995D-02	-1.06376D-06	2.08080D-02	1.29762D-04	-2.22010D-04	3.21915D-04
141	-2.52212D-02	1.18367D-03	2.27857D-02	1.31949D-04	-2.30877D-04	3.20180D-04
142	-2.43969D-02	6.49502D-04	2.38275D-02	-1.55023D-04	-1.42570D-04	-4.59749D-05
143	-2.41813D-02	-4.39136D-05	2.41359D-02	-1.06661D-04	-1.02132D-04	-3.15424D-05
144	-2.40196D-02	-2.49994D-04	2.44439D-02	1.80219D-04	-3.48842D-05	2.01605D-04
145	-2.40231D-02	2.36274D-03	2.45553D-02	5.52997D-04	1.13033D-05	5.39764D-04
146	-8.10502D-02	4.75607D-03	8.29591D-02	2.89638D-03	1.15555D-04	2.82325D-03
147	-2.40761D-02	4.52003D-03	2.45058D-02	9.56651D-05	1.25051D-05	8.24572D-05
148	-2.41014D-02	4.07599D-03	2.44827D-02	-1.61493D-04	1.31827D-05	-1.74678D-04
149	-2.41353D-02	2.36971D-03	2.44514D-02	-3.71217D-04	1.37321D-05	-3.84373D-04
150	-2.41694D-02	2.30356D-07	2.44188D-02	-4.39418D-04	1.39154D-05	-4.52574D-04
151	-2.53638D-02	2.36972D-03	2.56462D-02	-5.23631D-04	1.36073D-05	-5.36176D-04
152	-2.42449D-02	-4.81136D-03	2.43438D-02	-4.39626D-04	1.39111D-05	-4.52782D-04
153	-2.88507D-02	2.36970D-03	2.90680D-02	-7.14754D-04	1.33517D-05	-7.26550D-04
154	-3.17695D-02	-2.72028D-04	3.18922D-02	-7.25480D-04	1.33328D-05	-7.37235D-04
155	-3.45947D-02	1.21367D-06	2.29707D-02	-3.45550D-04	-1.56545D-04	5.30701D-04
156	-3.63212D-02	-1.28131D-03	2.11684D-02	-7.24294D-04	1.05814D-04	7.43122D-04
157	-3.39554D-02	-1.69458D-03	2.353[illegible]7D-02	-7.99586D-04	2.49135D-04	8.54198D-04
158	-5.95088D-02	1.10632D-03	1.85802D-03	-7.96256D-04	2.42352D-04	9.64912D-04
159	-2.86123D-02	-1.30658D-03	2.85551D-02	-8.25017D-04	4.00153D-04	7.98210D-04
160	-2.24108D-02	-4.70819D-07	3.43175D-02	-8.26243D-04	7.04349D-04	7.10852D-04
161	2.63639D-02	2.01719D-03	9.21912D-02	-6.62618D-04	1.06971D-03	4.43200D-04
162	6.58630D-02	-6.77908D-09	1.61205D-01	-4.23250D-04	1.16515D-03	2.15091D-04
163	7.33811D-02	-6.90407D-04	1.79548D-01	-3.72079D-04	1.46528D-03	1.78125D-04
164	8.01463D-02	-1.17503D-03	1.98288D-01	-3.36077D-04	1.65775D-03	1.53332D-04
165	1.04609D-01	-3.13272D-03	2.85439D-01	-1.32409D-04	3.90704D-04	3.52796D-05
166	1.89930D-01	-9.21489D-02	-4.56220D-03	-2.56431D-03	-9.48112D-04	-2.36239D-03
167	2.31275D-01	-9.11360D-02	-4.93560D-02	-2.62608D-03	-9.60543D-04	-2.45750D-03
168	2.04721D-01	-6.96458D-02	-3.02221D-02	-2.65324D-03	-9.69347D-04	-2.30759D-03
169	2.01297D-01	-3.60947D-02	-4.27866D-02	-3.13656D-03	-9.98613D-04	-1.95763D-03
170	1.91689D-01	7.50405D-02	-7.75471D-02	-4.95109D-03	-9.54132D-04	-3.22944D-03
171	1.83616D-01	7.50520D-02	-6.15038D-02	-4.76130D-03	-9.54132D-04	-1.81257D-03
172	1.79981D-01	7.50610D-02	-4.88677D-02	-4.65922D-03	-9.54132D-04	-1.02644D-03
173	1.75093D-01	7.50654D-02	-2.50358D-02	-4.64767D-03	-9.54132D-04	-9.30122D-04
174	1.68997D-01	7.50663D-02	6.34281D-03	-4.64911D-03	-9.54132D-04	-8.91871D-04
175	1.90138D-01	1.01477D-01	-8.30254D-02	-5.31665D-03	-9.42606D-04	-3.76344D-03

176	7.65330D-02	2.09651D-01	-1.16594D-07	-8.63307D-03	-1.61047D-04	-9.42049D-03
177	1.17812D-02	-3.18441D-08	7.68484D-02	-8.09287D-03	-8.25679D-04	-1.86733D-04
178	1.18541D-02	-4.14200D-02	1.44747D-08	-6.43784D-03	-1.00066D-03	7.34884D-04
179	-1.02996D-02	-4.94427D-08	3.36008D-02	-3.29433D-03	3.72031D-04	-1.48423D-03
180	-7.41622D-04	-1.32359D-02	2.41887D-03	-2.07845D-03	-3.06366D-04	-4.51429D-04
181	3.69110D-05	-1.46870D-02	-1.20663D-04	-1.94746D-03	-2.28932D-04	-4.81487D-04
182	8.76757D-04	-9.32090D-04	-2.46114D-03	-7.47459D-04	2.14058D-05	-5.40296D-04
183	8.36789D-04	1.16552D-03	-2.31682D-03	-7.33448D-04	1.83370D-05	-5.37526D-04
184	4.80350D-03	3.72035D-03	-7.62652D-03	-7.37434D-04	-5.88009D-05	-5.34553D-04
185	7.60191D-04	6.29859D-03	-2.03332D-03	-6.94938D-04	1.75056D-05	-5.27630D-04
186	-3.68155D-04	3.69730D-03	-6.80749D-04	-4.23807D-04	7.00835D-06	-4.32704D-04
187	-4.04490D-04	3.46274D-03	-6.38444D-04	-3.90345D-04	3.51821D-06	-4.26877D-04
188	-4.15650D-04	3.45936D-03	-6.23023D-04	-3.57010D-04	3.44928D-07	-4.23133D-04
189	9.64338D-04	2.90136D-03	-8.26700D-04	-1.15976D-04	-3.53767D-05	-2.18241D-04
190	1.06692D-01	-5.58069D-08	1.54676D-06	3.44974D-04	-1.73803D-03	2.48812D-06
191	1.09386D-01	1.60682D-07	8.63789D-02	8.81640D-04	1.10527D-03	-1.23701D-04
192	1.09435D-01	9.47240D-04	9.33487D-02	9.02894D-04	1.02668D-03	-1.39993D-04
193	1.09920D-01	2.72190D-03	1.11750D-01	6.62218D-04	7.45595D-04	1.16522D-04
194	5.69054D-02	-6.35578D-03	1.79135D-02	1.21924D-04	-1.17984D-03	-4.61534D-04
195	1.42455D-02	-2.48706D-03	4.58080D-03	-3.20705D-05	-7.62107D-04	-2.27868D-04
196	-1.07478D-02	2.50609D-03	1.39519D-03	-2.54446D-03	-9.21577D-04	1.35150D-03
197	-3.33902D-02	1.72155D-03	-4.23602D-02	-2.58779D-03	-9.39372D-04	1.34996D-03
198	-1.26452D-02	-1.46811D-02	-1.42079D-02	-2.58001D-03	-9.49216D-04	1.29722D-03
199	6.86239D-03	-9.75596D-02	2.09818D-03	-1.47159D-03	7.28574D-04	-6.26141D-04
200	3.21168D-03	-9.08605D-02	1.41020D-02	-1.29505D-03	6.37570D-04	-9.84920D-04
201	-4.36395D-04	-9.08668D-02	1.84790D-02	-1.34663D-03	6.61475D-04	-1.17070D-03
202	-2.93068D-03	-9.08704D-02	2.12890D-02	-1.37686D-03	6.76365D-04	-1.21460D-03
203	-8.55351D-03	-8.80842D-02	2.95649D-02	-1.45130D-03	6.76500D-04	-1.12893D-03
204	-9.95452D-03	-8.28296D-02	3.40895D-02	-1.42345D-03	5.08670D-04	-1.25483D-03
205	-1.08223D-02	-7.71487D-02	3.68764D-02	-1.43519D-03	4.09424D-04	-1.24684D-03
206	1.90525D-04	-7.71234D-02	2.40526D-02	-1.13694D-03	4.62882D-04	-1.26762D-03
207	-2.25653D-03	-3.94097D-02	3.21538D-02	-9.97313D-04	-5.36289D-05	-1.20514D-03
208	1.25278D-02	2.06464D-08	-1.60677D-02	-7.96875D-04	-5.09952D-04	-4.44767D-04
209	-2.53722D-02	1.93016D-03	1.53586D-02	4.70532D-04	-2.16762D-04	-1.20678D-03
210	-2.35600D-02	1.76678D-03	1.61041D-02	4.74337D-04	-2.10235D-04	-1.20399D-03
211	2.30721D-03	7.23821D-04	2.69858D-02	4.97995D-04	-2.11024D-04	-1.20599D-03
212	-2.18424D-02	1.58160D-03	1.67963D-02	4.61295D-04	-2.01173D-04	-1.19544D-03
213	-1.80964D-02	1.76851D-07	1.82626D-02	4.23206D-04	1.20427D-05	-9.13302D-04
214	3.76700D-02	-8.72402D-08	1.48371D-02	1.00567D-03	2.12208D-04	-9.42753D-04
215	1.50209D-03	1.26048D-02	-2.39211D-03	-2.93960D-04	1.35071D-04	3.40455D-04
216	2.94816D-04	5.43450D-03	-1.36278D-03	-2.66136D-04	1.00266D-04	3.91582D-04
217	3.07019D-04	1.42171D-02	-3.31643D-03	-2.59923D-04	9.08254D-05	4.31929D-04
218	6.89287D-03	2.20175D-02	-4.86794D-08	-6.97008D-05	6.41073D-05	1.03669D-04
219	7.52940D-03	2.22354D-02	-1.23782D-05	4.86809D-05	2.39294D-05	-7.68641D-05
220	7.37357D-03	2.22364D-02	-1.11014D-04	4.90768D-05	2.36774D-05	-7.78127D-05
221	7.34914D-03	2.18306D-02	-2.52359D-04	4.90828D-05	2.36772D-05	-7.76533D-05
222	7.21500D-03	2.22370D-02	-2.10394D-04	4.94516D-05	2.34255D-05	-7.88490D-05
223	5.65792D-03	2.22526D-02	-1.10995D-03	5.90618D-05	1.53955D-05	-1.06265D-04
224	5.44255D-03	2.22530D-02	-1.22912D-03	5.92900D-05	1.51436D-05	-1.06946D-04
225	5.41217D-03	2.16910D-02	-1.32713D-03	5.92964D-05	1.51517D-05	-1.06788D-04
226	5.22518D-03	2.22530D-02	-1.34860D-03	5.94990D-05	1.48841D-05	-1.07696D-04
227	6.14089D-04	9.23975D-03	-1.54453D-03	7.17957D-05	-3.84101D-05	-2.19895D-04
228	2.80209D-04	3.77027D-07	-9.11887D-06	-2.55251D-04	9.45950D-05	3.13831D-04
229	1.75355D-03	-2.16155D-03	2.19153D-03	-2.07344D-04	8.63311D-05	2.10164D-04
230	2.53608D-03	-2.16183D-03	2.96835D-03	-1.81669D-04	8.30548D-05	1.82300D-04
231	4.34338D-08	-7.21709D-03	-2.61532D-10	-1.73797D-04	8.27703D-05	9.11645D-06
232	4.12409D-04	-6.16907D-03	-7.25030D-03	1.92351D-04	2.84091D-05	5.97774D-07
233	4.11097D-04	-6.16654D-03	-6.86268D-03	1.93506D-04	2.83010D-05	6.56251D-07
234	5.65037D-04	-7.21969D-03	-6.90637D-03	1.93561D-04	2.83028D-05	6.58834D-07
235	4.09613D-04	-6.16386D-03	-6.47213D-03	1.94581D-04	2.81913D-05	7.11155D-07

236	8.91296D-10	-2.16097D-03	1.50176D-09	1.00659D-04	-5.09706D-06	-6.23012D-05
237	-6.16202D-05	-2.16089D-03	-1.00043D-04	9.95344D-05	-5.91612D-06	-5.99509D-05
238	-4.12640D-04	-2.16075D-03	-6.92853D-04	9.81036D-05	-6.97288D-06	-5.67309D-05
239	-4.12707D-04	-1.80616D-03	-7.37935D-04	9.81036D-05	-7.10063D-06	-5.64183D-05
240	-7.44961D-04	-2.16032D-03	-1.27682D-03	9.68245D-05	-7.71331D-06	-5.38506D-05
241	3.08661D-05	-9.50226D-05	-8.83818D-05	-1.87407D-05	-4.96732D-06	-1.75650D-06
242	2.13424D-05	-9.95816D-05	-9.50353D-06	-1.32078D-05	-1.73530D-06	-1.16710D-06
243	2.14687D-05	-7.63918D-05	-1.72243D-05	-1.00850D-05	-2.05578D-07	-3.47203D-06
244	1.06443D-05	-3.47638D-05	9.16465D-08	-3.35236D-06	-9.28983D-07	-3.79030D-07
245	5.16119D-06	-1.61127D-05	6.11569D-08	-2.63995D-06	-7.83701D-07	-2.74391D-07
246	6.90062D-06	-1.61153D-05	-1.65965D-05	-2.64283D-06	-7.83701D-07	-2.75585D-07
247	8.88080D-07	-2.41209D-06	3.32435D-08	-1.69699D-06	-5.23428D-07	-1.66793D-07
248	6.10437D-06	-4.57870D-05	-7.78879D-07	3.40912D-06	6.45195D-07	-3.16703D-06
249	2.70847D-06	-2.35551D-05	-5.32674D-07	3.22976D-06	4.76863D-07	-2.28021D-06
250	1.71005D-05	-2.35589D-05	1.98458D-05	3.23320D-06	4.76863D-07	-2.28317D-06
251	3.43761D-07	-4.69988D-06	-2.89549D-07	2.27597D-06	2.96026D-07	-1.38606D-06
252	-3.64134D-03	-3.55926D-02	-1.13939D-02	-2.58214D-03	-8.88969D-04	1.02252D-03

M O D A L A N A L Y S I S

MODE NUMBER 23
FREQUENCY= 20.4652 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-2.60027D-02	-3.65778D-02	6.31631D-03	-5.50424D-04	5.18349D-04	-1.42100D-04
3	-3.66792D-02	-4.19903D-02	5.79618D-03	9.87636D-05	1.15257D-03	-1.71108D-04
4	-3.31381D-02	-4.19976D-02	7.98375D-03	2.25373D-04	1.28605D-03	-2.22650D-04
5	-3.16376D-02	-4.10925D-02	1.27577D-02	1.36915D-03	1.07944D-03	-3.75189D-04
6	-4.11204D-02	-2.12396D-02	1.64503D-03	2.27512D-03	8.62467D-04	-1.29622D-04
7	-6.01768D-02	2.21957D-02	-3.42568D-02	1.81997D-03	5.63277D-04	-4.45589D-04
8	-5.31169D-02	2.62361D-02	-3.22176D-02	8.50533D-04	-4.99568D-04	-1.21364D-03
9	-3.11028D-02	-3.50253D-03	-1.16645D-02	1.03530D-03	-1.44302D-05	-8.37016D-04
10	-3.08156D-02	3.83516D-07	-1.17160D-02	1.07651D-03	-6.26617D-05	-6.98128D-04
11	7.99203D-03	4.98988D-02	-2.27991D-04	-3.76795D-04	-1.85363D-04	-7.74127D-04
12	5.81861D-03	5.28664D-07	-3.94549D-04	-7.95502D-04	1.47842D-04	-6.36054D-04
13	2.54252D-03	-5.84135D-03	2.18902D-03	-6.60912D-04	6.71018D-05	-3.66545D-04
14	2.07209D-03	2.56524D-03	-4.16131D-03	2.25470D-05	-1.01407D-04	2.18078D-04
15	3.15657D-03	3.33325D-03	-4.15793D-03	-4.58909D-07	3.70937D-05	1.32549D-04
16	2.10303D-03	1.09918D-03	-3.09608D-03	-5.66749D-07	4.50415D-05	8.03371D-05
17	2.02896D-03	-2.14737D-03	-7.93212D-04	-1.18145D-05	1.65098D-06	-1.31713D-07
18	1.94545D-03	-1.92251D-03	-9.07461D-04	-1.54650D-05	-1.43075D-05	-1.53913D-05
19	1.72366D-03	-1.51238D-03	-1.11388D-03	-1.39371D-05	-1.48720D-05	-2.11524D-05
20	1.63092D-03	-1.06004D-03	-1.25503D-03	-1.09147D-05	-1.38502D-06	-2.50930D-05
21	1.58021D-03	9.20119D-05	-7.59774D-04	2.24166D-06	1.66209D-05	-8.00641D-06
22	9.40648D-04	-7.03264D-05	-1.71143D-04	6.53589D-06	2.14907D-05	2.76735D-05
23	1.49905D-10	-4.06492D-11	-1.67119D-11	1.08256D-09	2.55230D-09	4.92807D-09
25	-4.63119D-02	3.96859D-03	-1.51850D-02	-1.74416D-04	7.11997D-04	3.34202D-04
26	-6.20201D-02	-7.64184D-03	-3.88145D-02	-1.28209D-03	4.72240D-04	9.21489D-05
27	-6.30269D-02	-7.61953D-03	-5.32708D-02	-1.29508D-03	4.19022D-04	9.28207D-05
28	-6.56374D-02	-4.29790D-03	-7.73770D-02	-7.56258D-04	-5.17311D-04	1.55048D-04
29	-6.56058D-02	-2.51648D-03	-7.13578D-02	-7.12828D-04	-5.97446D-04	1.43178D-04
30	-6.23220D-02	-2.09881D-04	-1.43816D-01	-1.58287D-04	1.42106D-03	1.10158D-05
31	2.14200D-02	8.15078D-05	-1.44354D-02	3.70833D-04	-1.90846D-04	-3.90507D-04
32	1.56158D-02	2.16302D-04	-2.05664D-02	1.49739D-04	2.80829D-04	-1.02062D-04
33	6.28039D-03	1.64506D-03	-2.05818D-02	2.20212D-05	3.00166D-04	8.76281D-05
34	-1.02401D-02	-1.11468D-02	-4.33330D-03	1.51071D-04	7.61660D-05	3.69694D-04
35	-1.05362D-02	-1.11236D-02	-4.09936D-03	1.70090D-04	-4.26187D-05	4.13100D-04
36	-3.19684D-02	-8.32921D-02	-3.30055D-03	4.36390D-03	5.35116D-04	-1.93293D-03
37	-4.81549D-03	-1.36252D-01	3.73356D-02	3.05476D-03	3.69775D-04	-2.76262D-03
38	3.73203D-01	-1.42923D-01	-4.29800D-02	-4.19080D-03	-1.64405D-03	-4.06676D-03
39	3.42056D-01	2.39696D-01	-1.56208D-01	-9.86381D-03	-1.61900D-03	-7.64925D-03
40	1.93418D-01	3.78010D-01	-4.60842D-02	-1.51577D-02	-2.08143D-04	-1.72104D-02
41	7.31568D-02	3.78009D-01	6.16356D-02	-1.53961D-02	-2.12129D-04	-1.65733D-02
42	-3.38308D-02	2.33114D-01	2.05193D-01	-1.60778D-02	-2.47911D-03	-1.09469D-02
43	6.04910D-03	-3.02354D-02	2.05360D-01	-1.58564D-02	-2.30834D-03	-8.83676D-03
44	2.18416D-02	-1.13895D-01	1.93298D-01	-1.66045D-02	-9.57771D-04	-4.28804D-03
45	2.21632D-02	-9.15652D-02	-7.29692D-02	-8.41944D-03	1.02104D-05	-1.07378D-03
46	2.19921D-02	-9.08752D-02	-7.21049D-02	-8.19969D-03	6.46097D-04	-1.94208D-03
47	6.49395D-05	6.28445D-03	-5.37078D-04	-5.98004D-04	2.87124D-05	-5.02041D-04
48	-2.08530D-05	7.12534D-03	-3.85575D-04	-5.71377D-04	1.24701D-05	-5.02363D-04
49	5.55930D-04	7.63010D-03	-8.10005D-04	-1.94552D-04	-1.74813D-05	-3.32963D-04
50	1.11919D-03	3.72987D-03	-7.45750D-04	-1.15459D-04	-2.17060D-05	-2.29963D-04
51	1.20926D-03	2.26911D-03	-6.43536D-04	-1.15658D-04	-2.00063D-05	-2.18664D-04

52	6.45122D-06	-7.62997D-07	-9.30070D-06	-1.53842D-06	-3.81149D-06	-5.08744D-06
53	-5.87257D-12	-6.36903D-12	-9.81206D-12	-1.92939D-10	-3.30313D-10	-5.61399D-10
54	4.35448D-03	-2.48608D-03	-1.22808D-02	1.08962D-03	-1.70239D-04	-7.85525D-04
55	9.33466D-03	2.64274D-02	-1.06725D-02	9.73862D-04	-6.68276D-05	-4.47884D-04
56	5.60196D-03	3.59138D-02	-6.72079D-03	4.27618D-04	8.52500D-04	3.14708D-05
57	7.55820D-03	-4.64924D-04	-1.17551D-02	-3.05366D-04	-6.63075D-04	-6.03237D-06
58	7.12425D-03	-8.36447D-04	-1.11423D-02	-6.02558D-04	-1.47181D-04	-3.66391D-04
59	2.54525D-04	-4.58983D-04	-1.18433D-03	-6.47369D-04	2.98538D-05	-5.20038D-04
60	-1.47646D-02	-3.58629D-03	1.49630D-02	1.22431D-03	5.56745D-05	-7.14566D-04
61	-8.95499D-03	3.49347D-03	2.94629D-02	3.56825D-04	4.27161D-04	-7.01020D-04
62	-4.84286D-02	5.72157D-05	1.37560D-02	1.80957D-04	5.26533D-04	-4.05307D-04
63	-5.31081D-02	2.21200D-03	7.03921D-03	5.41501D-04	4.48616D-04	1.39758D-04
64	-5.29445D-02	1.07023D-02	-2.28785D-02	6.66996D-04	3.15557D-04	-1.00315D-04
65	-3.33227D-02	-1.16448D-03	-1.25748D-02	9.14246D-04	-4.30370D-05	-1.89242D-03
66	2.57728D-02	-1.10593D-03	1.50671D-02	9.12698D-04	-1.38443D-04	-1.94036D-03
67	5.04605D-02	-4.84939D-04	2.81849D-02	8.89252D-04	1.97068D-04	-1.24029D-03
68	5.80730D-03	2.68696D-02	2.05651D-03	-2.46504D-05	2.95981D-04	3.11948D-04
69	4.01737D-03	2.67089D-02	1.51922D-03	-1.97533D-04	1.79958D-04	3.56227D-04
70	-1.75680D-03	1.68763D-02	1.44316D-03	-2.28861D-04	1.12429D-04	7.22015D-04
71	2.42148D-03	3.50562D-02	-8.51941D-04	-1.56471D-04	1.81128D-04	6.93863D-04
72	8.20822D-03	3.80739D-02	-4.61843D-04	-8.40322D-05	1.96610D-04	1.84038D-04
73	4.53521D-03	3.85186D-02	5.69930D-03	-3.52604D-06	1.08212D-04	-1.87217D-04
74	-9.15596D-04	3.12385D-02	3.07431D-03	1.01330D-04	5.90042D-05	-4.38744D-04
76	-1.75327D-03	-3.76849D-03	4.07756D-03	-2.32142D-04	6.02914D-05	4.44192D-04
77	-1.74793D-03	-1.16625D-02	5.22656D-03	-2.40385D-04	3.71062D-05	2.45453D-04
78	-2.11857D-04	-1.12639D-02	7.24041D-04	-2.38508D-04	-3.13732D-06	-7.04159D-05
79	6.36639D-04	-9.54713D-03	-8.54553D-03	3.04995D-04	2.16520D-05	2.89009D-05
80	3.15262D-05	-1.38721D-03	-1.97069D-05	1.15940D-04	2.45835D-06	4.45607D-06
82	-1.12183D-03	-3.76938D-03	-1.84096D-03	1.29350D-04	-3.91727D-05	-7.13709D-05
83	-1.03738D-03	-3.30109D-03	-2.22292D-03	1.20267D-04	-6.89729D-05	9.19028D-05
84	-6.30895D-04	-8.11107D-04	-1.07311D-03	8.28893D-05	-6.43740D-05	1.14489D-04
85	-1.33069D-04	-1.86704D-04	-9.78604D-04	7.28426D-06	-6.08538D-05	2.96426D-05
86	4.06948D-05	-1.62767D-04	-2.54648D-05	-1.73468D-05	-2.97351D-06	-6.11079D-06
87	3.54869D-05	-1.42782D-04	-4.39800D-06	-1.65112D-05	-2.70853D-06	2.00969D-06
88	2.36640D-05	-8.15122D-05	2.93135D-07	-7.36370D-06	-1.94671D-06	1.52440D-07
90	3.23613D-05	-9.77116D-05	-1.04807D-05	-3.71522D-06	4.68159D-06	-8.14227D-06
91	1.57457D-05	-7.28022D-05	-1.36146D-06	4.79117D-06	1.59642D-06	-5.73556D-06
93	-2.94158D-03	-5.74508D-03	5.76591D-04	-3.10527D-04	1.77684D-04	-1.06845D-05
94	-1.69679D-02	-2.64698D-02	4.02385D-03	-5.31418D-04	4.18710D-04	-8.96345D-05
95	-3.64771D-02	-3.17191D-02	1.03271D-02	2.06716D-03	8.68036D-04	-7.19074D-05
96	-3.50174D-02	-5.44130D-02	-1.64676D-03	3.88823D-03	6.49473D-04	-1.41441D-03
97	-4.57007D-02	-9.15284D-03	-6.94791D-03	2.23202D-03	8.46712D-04	-9.79468D-05
98	-4.91825D-02	-1.12564D-06	-1.34870D-02	2.15903D-03	8.14797D-04	-1.45507D-04
99	-3.67008D-02	1.07193D-02	-1.64466D-02	7.39246D-04	-3.53497D-04	-1.25102D-03
100	-3.24174D-02	1.22998D-03	-1.25851D-02	7.82938D-04	-1.31667D-04	-1.16120D-03
101	-3.11840D-02	-4.05487D-03	-1.16409D-02	9.48763D-04	-2.18053D-05	-9.42077D-04
102	-3.10086D-02	-1.63607D-03	-1.17765D-02	1.05877D-03	-3.62201D-05	-7.53855D-04
103	-2.32515D-02	-3.54128D-03	6.09821D-05	1.16612D-03	1.78339D-05	-7.62613D-04
104	9.40940D-03	4.58995D-02	-3.26975D-04	-6.09564D-04	-6.80873D-05	-8.30502D-04
105	1.01660D-02	3.17119D-02	-3.91306D-04	-7.49915D-04	2.22472D-05	-8.62607D-04
106	3.49585D-02	2.97477D-02	-2.16487D-02	-7.90749D-04	2.56818D-05	-9.23827D-04
107	8.48903D-03	1.49285D-02	-3.92868D-04	-8.01764D-04	1.00027D-04	-7.70196D-04
108	2.51687D-03	-3.09401D-03	2.64938D-03	-6.22109D-04	4.92309D-05	-3.32631D-04
109	1.97566D-03	-6.62264D-03	2.69464D-03	-3.16918D-04	1.01415D-04	-1.81691D-04
110	1.63816D-03	-7.37070D-03	2.71401D-03	-1.35454D-04	1.20829D-04	-1.17003D-04
111	9.92300D-04	-7.31258D-03	2.74464D-03	2.13619D-04	1.47838D-04	-1.45796D-05
112	5.66207D-05	-5.29772D-03	2.76875D-03	4.93475D-04	1.61865D-04	5.14087D-05
113	-3.79134D-03	-3.69556D-03	3.48628D-02	1.48698D-03	2.29234D-04	1.66594D-04
114	-8.59819D-04	-2.73752D-03	2.76887D-03	3.89295D-04	1.47622D-04	5.10795D-05
115	-1.23024D-03	-1.84047D-03	2.76894D-03	3.31178D-04	1.39672D-04	5.07971D-05

116	-1.68178D-03	-8.67616D-04	2.76901D-03	2.84359D-04	1.33288D-04	5.04341D-05
117	-2.11882D-03	3.75994D-08	2.76907D-03	2.68799D-04	1.31235D-04	5.04341D-05
118	-1.56055D-03	-8.67632D-04	2.01850D-03	2.87234D-04	1.35613D-04	4.27183D-05
119	-3.12078D-03	2.05049D-03	2.76912D-03	2.68927D-04	1.31429D-04	5.04341D-05
120	-1.36164D-03	-8.67655D-04	4.62772D-04	2.90950D-04	1.40374D-04	3.30606D-05
121	-1.59355D-03	-1.21839D-04	-6.83361D-04	2.91156D-04	1.40726D-04	3.25187D-05
122	2.48485D-03	2.01234D-07	3.00251D-03	-5.75467D-04	2.82958D-05	-2.95280D-04
123	2.42359D-03	4.99437D-03	3.17783D-03	-4.86849D-04	-5.86232D-06	-2.23467D-04
124	2.26646D-03	1.07997D-02	1.23229D-03	-2.62969D-04	-6.44916D-05	-6.04030D-06
125	2.23332D-03	1.06185D-02	5.31361D-04	-2.16328D-04	-7.13967D-05	4.48573D-05
126	2.17937D-03	9.01317D-03	-1.06024D-03	-1.58491D-04	-7.62515D-05	1.09845D-04
127	-6.20275D-04	8.66881D-03	-5.55671D-03	-1.67597D-04	-7.61531D-05	1.11015D-04
128	2.12709D-03	5.97746D-03	-2.66440D-03	-8.21341D-05	-8.26865D-05	1.65088D-04
129	2.10772D-03	4.87851D-03	-3.15758D-03	-4.51878D-05	-8.82616D-05	1.86152D-04
130	5.70984D-04	1.94162D-03	-4.15347D-03	7.38685D-05	-1.40842D-04	2.66295D-04
131	2.98344D-03	2.79398D-03	-4.16173D-03	1.87268D-05	-7.05163D-05	2.05698D-04
132	2.09187D-03	4.60252D-08	-2.44112D-03	-2.37503D-06	3.95103D-05	6.43572D-05
133	1.61692D-03	-6.58098D-04	-1.22110D-03	-7.20732D-06	4.95395D-06	-2.42549D-05
134	-2.36135D-03	-2.82659D-08	-4.14074D-03	1.35288D-04	-1.69617D-04	3.40813D-04
135	-5.11296D-03	-2.44763D-03	-4.12890D-03	1.70305D-04	-1.61143D-04	4.06565D-04
136	-8.39154D-03	-6.30981D-03	-4.11567D-03	1.80411D-04	-1.21376D-04	4.60920D-04
137	-2.21031D-02	-7.42622D-03	5.64824D-04	1.82309D-04	-1.23793D-04	5.03444D-04
138	-1.02435D-02	-1.00714D-02	-4.10386D-03	1.74387D-04	-6.55696D-05	4.28784D-04
139	-6.10866D-03	-5.22732D-03	-8.37241D-03	9.29632D-05	1.88329D-04	2.71161D-04
140	2.06772D-03	3.78198D-07	-1.64249D-02	3.06622D-05	2.80988D-04	1.55723D-04
141	4.57475D-03	1.10998D-03	-1.88984D-02	2.29255D-05	2.94130D-04	1.19490D-04
142	3.94457D-03	2.83937D-03	-1.96628D-02	2.18931D-04	1.19223D-05	6.33288D-05
143	4.07492D-03	3.48404D-03	-1.95898D-02	2.02391D-04	-9.10152D-05	-6.12606D-05
144	4.69496D-03	3.52921D-03	-1.90601D-02	5.29502D-05	-2.31293D-04	-3.81818D-04
145	5.88829D-03	1.32624D-03	-1.79378D-02	-1.53408D-04	-3.01015D-04	-6.98423D-04
146	5.35723D-02	1.86763D-04	-4.70662D-02	-1.49923D-03	-3.70428D-04	-2.23056D-03
147	7.22567D-03	-9.05842D-04	-1.66018D-02	1.02810D-04	-3.23105D-04	-4.44932D-04
148	7.84466D-03	-1.10909D-03	-1.59839D-02	2.47104D-04	-3.35610D-04	-3.02979D-04
149	8.66809D-03	-7.38971D-04	-1.51617D-02	3.65102D-04	-3.45810D-04	-1.87988D-04
150	9.50848D-03	-1.28649D-07	-1.43218D-02	4.03129D-04	-3.49393D-04	-1.49960D-04
151	8.22923D-03	-7.38966D-04	-1.62673D-02	4.66925D-04	-3.32110D-04	-1.50272D-04
152	1.13924D-02	1.36553D-03	-1.24383D-02	4.03189D-04	-3.49348D-04	-1.49900D-04
153	7.57150D-03	-7.38950D-04	-1.91829D-02	5.94632D-04	-3.04058D-04	-1.03066D-04
154	7.72226D-03	1.65565D-04	-2.09988D-02	6.01798D-04	-3.01981D-04	-1.00414D-04
155	1.74135D-02	-4.93370D-07	-1.87672D-02	1.90222D-04	2.60886D-04	-1.42775D-04
156	2.27247D-02	-1.14295D-03	-1.34286D-02	3.35159D-04	7.84788D-05	-3.49682D-04
157	2.33155D-02	-5.45417D-04	-1.28066D-02	3.61086D-04	-1.57197D-05	-4.34499D-04
158	3.68666D-02	-1.91666D-03	-3.29749D-03	3.55081D-04	-1.12139D-05	-5.04252D-04
159	2.20663D-02	5.23723D-05	-1.38930D-02	3.69368D-04	-1.15944D-04	-4.08373D-04
160	1.93941D-02	1.64533D-07	-1.62698D-02	3.67143D-04	-3.27582D-04	-3.60303D-04
161	-8.83606D-03	1.43503D-04	-4.98609D-02	2.85663D-04	-6.89723D-04	-1.90372D-04
162	-3.64654D-02	5.72442D-09	-9.88068D-02	1.50585D-04	-8.29497D-04	-6.19948D-05
163	-4.17657D-02	1.96070D-05	-1.11843D-01	1.19686D-04	-1.01115D-03	-4.53307D-05
164	-4.63406D-02	4.32456D-05	-1.24561D-01	9.76917D-05	-1.12388D-03	-3.48977D-05
165	-6.25509D-02	1.44601D-04	-1.82803D-01	-2.94298D-05	-2.70747D-04	4.45427D-06
166	3.45049D-01	-1.42827D-01	-1.39431D-02	-4.10817D-03	-1.62222D-03	-4.02834D-03
167	4.15717D-01	-1.41107D-01	-8.58991D-02	-4.21902D-03	-1.64402D-03	-4.20339D-03
168	3.70244D-01	-1.04899D-01	-5.59015D-02	-4.27070D-03	-1.65970D-03	-3.93041D-03
169	3.64290D-01	-4.87433D-02	-7.74316D-02	-5.16297D-03	-1.71560D-03	-3.29288D-03
170	3.47490D-01	1.39890D-01	-1.37356D-01	-8.50310D-03	-1.65177D-03	-5.61865D-03
171	3.33764D-01	1.39912D-01	-1.09885D-01	-8.13273D-03	-1.65177D-03	-2.98148D-03
172	3.28052D-01	1.39929D-01	-8.83418D-02	-7.93277D-03	-1.65177D-03	-1.51799D-03
173	3.20966D-01	1.39937D-01	-4.77782D-02	-7.90993D-03	-1.65177D-03	-1.33861D-03
174	3.12272D-01	1.39939D-01	5.61996D-03	-7.91122D-03	-1.65177D-03	-1.26687D-03
175	3.44767D-01	1.85866D-01	-1.46837D-01	-9.17562D-03	-1.63329D-03	-6.59676D-03

176	1.40218D-01	3.78011D-01	-2.14030D-07	-1.52821D-02	-2.09851D-04	-1.69952D-02
177	2.19884D-02	-4.87166D-08	1.38293D-01	-1.43893D-02	-1.45500D-03	-2.81134D-04
178	2.21173D-02	-7.29997D-02	2.37421D-08	-1.13658D-02	-1.83080D-03	1.25998D-03
179	-1.89486D-02	-9.10916D-08	6.18806D-02	-5.56834D-03	6.89481D-04	-2.44501D-03
180	-1.42153D-03	-3.31404D-02	4.64156D-03	-3.16017D-03	-5.45054D-04	-6.99118D-04
181	-5.45232D-05	-3.49460D-02	1.78255D-04	-2.90108D-03	-3.97306D-04	-7.81322D-04
182	4.49651D-04	-5.48681D-03	-1.79824D-03	-6.98169D-04	4.67595D-05	-5.60579D-04
183	3.52165D-04	-3.17139D-03	-1.49042D-03	-6.74805D-04	4.01972D-05	-5.43651D-04
184	3.75712D-03	-4.51098D-04	-5.94923D-03	-6.25000D-04	-5.19257D-05	-4.36877D-04
185	1.80313D-04	2.16642D-03	-9.31055D-04	-6.28002D-04	3.01955D-05	-5.13710D-04
186	-1.97518D-04	2.59731D-03	-1.84091D-04	-3.84317D-04	-4.41190D-06	-4.27904D-04
187	-1.52132D-04	2.63123D-03	-2.18108D-04	-3.55164D-04	-6.12102D-06	-4.21837D-04
188	-9.80423D-05	2.84393D-03	-2.61607D-04	-3.26360D-04	-7.67677D-06	-4.17433D-04
189	1.16499D-03	3.00025D-03	-6.94358D-04	-1.15512D-04	-2.09765D-05	-2.24297D-04
190	-6.38324D-02	2.99012D-08	-1.00593D-06	-3.33652D-04	1.10769D-03	-2.53407D-05
191	-6.55260D-02	-1.37157D-07	-5.96820D-02	-6.76293D-04	-7.35991D-04	1.15780D-04
192	-6.55579D-02	-8.76330D-04	-6.43138D-02	-6.89863D-04	-6.84656D-04	1.29482D-04
193	-6.63816D-02	-2.51522D-03	-7.71407D-02	-4.83681D-04	-5.63558D-04	-9.07235D-06
194	-3.42890D-02	4.08418D-03	-1.08605D-02	-8.53438D-05	7.11112D-04	2.88221D-04
195	-8.58277D-03	1.67431D-03	-2.78899D-03	2.26787D-05	4.59498D-04	1.44341D-04
196	-1.17469D-03	-2.48676D-03	-1.99269D-02	1.08880D-03	-1.74519D-04	-7.91056D-04
197	1.23302D-02	-2.18322D-03	-1.37279D-03	1.08914D-03	-1.70381D-04	-7.89637D-04
198	5.67554D-03	4.23877D-03	-1.18710D-02	1.08720D-03	-1.66785D-04	-7.67466D-04
199	3.26325D-03	3.63564D-02	9.97762D-01	3.67028D-04	8.99893D-04	1.09530D-04
200	-1.49012D-03	3.47598D-02	1.66889D-02	2.48283D-04	8.76291D-04	2.57633D-04
201	-5.13586D-04	3.47624D-02	1.60824D-02	1.36512D-04	9.05982D-04	3.13477D-04
202	1.53193D-04	3.47640D-02	1.58568D-02	9.47102D-05	9.24476D-04	3.20038D-04
203	2.61417D-04	3.37715D-02	1.91952D-02	6.05686D-05	9.41692D-04	2.53483D-04
204	-1.76313D-03	3.20245D-02	2.58462D-02	2.10409D-05	8.20787D-04	2.81695D-04
205	-3.25391D-03	3.00788D-02	3.07401D-02	-4.67180D-06	7.29651D-04	2.77808D-04
206	-5.87028D-03	3.00695D-02	3.115 6D-02	1.40163D-04	7.16376D-04	3.72712D-04
207	-1.06544D-02	1.59073D-02	4.70798D-02	2.77956D-06	7.98388D-05	3.46827D-04
208	6.50362D-03	-2.12643D-08	-8.33813D-03	-2.87111D-04	-6.97773D-04	-1.25625D-06
209	-1.67282D-02	3.67027D-03	2.65066D-02	2.81689D-04	4.77238D-04	-6.76677D-04
210	-2.07387D-02	3.69615D-03	2.4909 D-02	2.80786D-04	4.82537D-04	-6.71533D-04
211	-6.28284D-03	3.11395D-03	3.12069D-02	3.08525D-04	4.81500D-04	-6.65845D-04
212	-2.48043D-02	3.64042D-03	2.32703D-02	2.61058D-04	4.88033D-04	-6.67993D-04
213	-4.45557D-02	2.33053D-07	1.53203D-02	1.56105D-04	5.30365D-04	-4.62598D-04
214	4.99886D-02	-6.20315D-08	2.79060D-02	8.75236D-04	2.04332D-04	-1.21090D-03
215	-6.25400D-04	1.92594D-02	1.46140D-03	-2.44931D-04	1.27207D-04	6.35099D-04
216	-1.75586D-03	9.33259D-03	2.45200D-03	-2.29886D-04	9.37634D-05	6.81606D-04
217	-1.75651D-03	2.46887D-02	2.12298D-04	-2.08796D-04	1.20311D-04	7.59900D-04
218	9.23052D-03	3.81108D-02	6.00853D-08	-8.25733D-05	1.91598D-04	1.57293D-04
219	9.16843D-03	3.84893D-02	5.25031D-03	-2.95577D-05	1.24777D-04	-1.32798D-04
220	8.89951D-03	3.84911D-02	5.30908D-03	-2.89191D-05	1.24358D-04	-1.34186D-04
221	8.84011D-03	3.77681D-02	4.64281D-03	-2.89104D-05	1.24322D-04	-1.33907D-04
222	8.62672D-03	3.84921D-02	5.36609D-03	-2.82861D-05	1.23974D-04	-1.35732D-04
223	6.01451D-03	3.85186D-02	5.65235D-03	-8.91187D-06	1.11715D-04	-1.76690D-04
224	5.65695D-03	3.85193D-02	5.66917D-03	-8.33176D-06	1.11331D-04	-1.77710D-04
225	5.58873D-03	3.75641D-02	5.06839D-03	-8.32319D-06	1.11292D-04	-1.77435D-04
226	5.29662D-03	3.85192D-02	5.68432D-03	-7.77113D-06	1.10983D-04	-1.78867D-04
227	-3.97740D-04	1.63199D-02	1.43585D-03	1.03347D-04	4.23113D-05	-3.93350D-04
228	-1.75430D-03	5.82031D-07	3.56709D-03	-2.31316D-04	7.12952D-05	5.43541D-04
229	8.22983D-04	-3.76950D-03	5.42811D-03	-1.90562D-04	5.50716D-05	3.67191D-04
230	2.19392D-03	-3.77008D-03	6.13825D-03	-1.63857D-04	5.17964D-05	3.21034D-04
231	-1.25276D-08	-1.12480D-02	1.70444D-08	-2.37253D-04	-2.85202D-06	-6.81981D-05
232	8.89298D-04	-9.59162D-03	-1.10820D-02	2.87287D-04	2.11610D-05	2.91438D-05
233	8.30590D-04	-9.58762D-03	-1.05029D-02	2.89110D-04	2.12087D-05	2.91459D-05
234	9.53506D-04	-1.11683D-02	-1.05735D-02	2.89195D-04	2.12121D-05	2.91500D-05
235	7.71790D-04	-9.58339D-03	-9.91928D-03	2.90810D-04	2.12532D-05	2.91360D-05

236	1.33478D-09	-3.77091D-03	1.49242D-09	1.34271D-04	-3.63260D-05	-8.85751D-05
237	-8.75774D-05	-3.77078D-03	-1.33676D-04	1.33085D-04	-3.71448D-05	-8.48200D-05
238	-5.82696D-04	-3.77057D-03	-9.27597D-04	1.31556D-04	-3.82012D-05	-7.96412D-05
239	-5.82792D-04	-3.27401D-03	-1.17012D-03	1.31556D-04	-3.84068D-05	-7.90660D-05
240	-1.04802D-03	-3.76982D-03	-1.71177D-03	1.30217D-04	-3.87485D-05	-7.50798D-05
241	6.92376D-05	-1.64834D-04	-1.10253D-04	-2.18165D-05	-7.94760D-06	-6.65738D-06
242	4.04032D-05	-1.77923D-04	-1.49536D-05	-1.67434D-05	-2.68104D-06	-3.43614D-06
243	4.06056D-05	-1.27338D-04	-2.73043D-05	-1.13268D-05	-4.23918D-07	-7.43402D-06
244	2.13982D-05	-7.34815D-05	2.45164D-07	-6.70921D-06	-1.84345D-06	1.23153D-07
245	1.04287D-05	-3.49320D-05	1.64605D-07	-5.48765D-06	-1.56961D-06	8.53678D-08
246	9.90654D-06	-3.49378D-05	-3.44622D-05	-5.49370D-06	-1.56961D-06	8.36272D-08
247	1.82041D-06	-5.66882D-06	8.94756D-08	-3.60235D-06	-1.05310D-06	5.18921D-08
248	1.41386D-05	-6.62587D-05	-1.14579D-06	5.02052D-06	1.38936D-06	-4.71331D-06
249	6.50866D-06	-3.38850D-05	-7.83595D-07	4.69528D-06	1.07886D-06	-3.39440D-06
250	2.79377D-05	-3.38906D-05	2.88424D-[illegible]5	4.70035D-06	1.07886D-06	-3.39931D-06
251	9.51133D-07	-6.66939D-06	-4.25944D-07	3.29007D-06	6.89547D-07	-2.06334D-06
252	7.12218D-03	1.22700D-02	-1.14004D-02	1.05725D-03	-1.53087D-04	-6.47592D-04

M O D A L A N A L Y S I S

MODE NUMBER 24
FREQUENCY= 21.7991 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
2	-6.35588D-03	1.15707D-01	1.57237D-03	1.26264D-03	1.04739D-04	-8.92987D-04
3	4.82155D-03	1.27447D-01	2.98212D-03	-6.90075D-04	-1.25928D-04	-9.42299D-04
4	2.20771D-02	1.27478D-01	-1.08867D-02	-8.34683D-04	-1.14555D-04	-9.80356D-04
5	3.89533D-02	1.16786D-01	-2.96356D-02	-1.67912D-03	6.79322D-05	-1.34292D-03
6	4.59983D-02	5.28822D-02	-4.51984D-02	-2.20792D-03	1.82324D-04	-1.81104D-03
7	4.29780D-02	-8.13805D-02	-5.01549D-02	-2.13309D-03	2.32145D-05	-1.38835D-03
8	5.08746D-02	-1.89268D-01	-3.83216D-02	-7.29412D-04	-2.65264D-04	1.92242D-03
9	9.72343D-02	-6.62425D-03	9.94296D-03	-2.02974D-03	-6.94638D-04	2.75134D-03
10	1.05763D-01	-1.70297D-06	1.92067D-02	-2.25454D-03	-5.14152D-04	2.28503D-03
11	2.33934D-02	-1.16788D-01	7.79643D-03	8.16013D-04	1.09013D-03	1.46463D-03
12	-2.86786D-02	-1.73833D-06	8.12401D-03	1.83284D-03	4.63263D-04	1.24081D-03
13	-3.43238D-02	1.36339D-02	1.10415D-02	1.39103D-03	6.15226D-06	8.30475D-04
14	-3.37450D-02	-1.39811D-02	4.24307D-03	-2.56620D-04	1.59276D-04	-5.19490D-04
15	-2.09777D-02	-1.55743D-02	4.23715D-03	1.32271D-04	-3.50250D-04	-4.05561D-04
16	-1.29527D-02	-4.21850D-03	-3.42443D-03	1.83987D-04	-3.24007D-04	-2.98614D-04
17	-1.25955D-02	6.93192D-03	-2.24489D-02	2.24474D-04	-1.76715D-05	1.45495D-05
18	-1.18436D-02	4.83410D-03	-2.13310D-02	2.35711D-04	1.58162D-04	6.11091D-05
19	-9.46186D-03	1.21301D-03	-1.90256D-02	2.28692D-04	2.02286D-04	7.48073D-05
20	-8.02283D-03	-1.35525D-03	-1.57378D-02	2.10047D-04	2.13096D-04	7.07502D-05
21	-7.76505D-03	-3.49326D-03	-5.23297D-03	1.45483D-04	1.49545D-04	-2.74681D-05
22	-4.70846D-03	-4.30689D-04	-1.30283D-03	6.72575D-05	6.71517D-06	-1.77727D-04
23	-7.66882D-10	1.37413D-10	-1.36939D-10	7.23801D-09	-5.26638D-09	-2.75020D-08
25	3.95828D-03	-6.44013D-04	1.25853D-03	1.44149D-05	-5.17594D-05	-5.18457D-05
26	5.06326D-03	5.18767D-05	2.86201D-03	1.06333D-04	1.46511D-05	-2.54772D-05
27	5.35412D-03	5.04414D-05	4.05958D-03	1.10564D-04	2.53257D-05	-2.54515D-05
28	5.75272D-03	-1.87557D-04	5.32720D-03	1.16567D-04	1.09878D-04	3.96935D-06
29	5.75173D-03	-1.37461D-04	4.06751D-03	1.22095D-04	1.17481D-04	6.57256D-06
30	5.50099D-03	3.34408D-03	3.11389D-02	1.53700D-04	-2.70147D-04	2.46033D-05
31	-1.03205D-02	1.28040D-03	-8.22096D-03	2.92225D-04	-1.87738D-04	-1.42397D-04
32	5.02587D-03	-2.98475D-03	7.13461D-03	-2.57526D-05	-2.49922D-04	-4.69014D-04
33	1.20412D-02	-7.42303D-03	7.35501D-03	-2.12746D-04	-2.00241D-04	-7.01487D-04
34	1.69470D-02	5.11197D-02	2.47772D-03	-5.11375D-04	1.88611D-04	-1.24469D-03
35	1.23696D-02	4.97498D-02	4.09275D-03	-7.04703D-04	4.20964D-04	-1.22355D-03
36	4.99878D-02	7.30664D-02	-4.73429D-02	-2.28451D-03	3.21521D-04	-1.48759D-03
37	6.62305D-02	8.09035D-02	-5.93078D-02	-2.39164D-04	-7.92572D-05	-1.55901D-03
38	2.21811D-01	8.17634D-02	-3.12419D-02	-5.07096D-04	-7.22064D-04	-1.19609D-03
39	2.06142D-01	1.76609D-01	-8.32134D-02	-4.57247D-03	-8.34304D-04	-3.03889D-03
40	1.24355D-01	2.47961D-01	-2.54137D-02	-8.32831D-03	-9.78664D-06	-9.68412D-03
41	5.66743D-02	2.47966D-01	3.41156D-02	-8.52395D-03	-5.03758D-05	-9.28740D-03
42	-1.01287D-03	1.65032D-01	1.15395D-01	-9.31608D-03	-1.53526D-03	-5.83560D-03
43	2.36991D-02	1.20209D-02	1.15527D-01	-9.23424D-03	-1.39955D-03	-4.60529D-03
44	3.16957D-02	-4.23836D-02	1.11095D-01	-9.77852D-03	-9.92668D-05	-1.93498D-03
45	3.18364D-02	-3.04553D-02	-1.02332D-01	-5.41006D-03	-3.24046D-04	-7.73274D-04
46	3.17280D-02	-3.00035D-02	-1.02039D-01	-5.30031D-03	5.62294D-04	-1.17340D-03
47	8.70341D-03	5.91514D-03	-2.48978D-02	-6.79712D-04	3.23327D-04	-4.22818D-04
48	7.35198D-03	6.19035D-03	-2.26844D-02	-6.01826D-04	2.95184D-04	-4.87773D-04
49	-9.39008D-03	8.18221D-03	-6.90587D-03	-1.70641D-04	-7.95099D-05	-2.66431D-04
50	-3.55693D-03	3.28633D-03	-5.65745D-03	-2.28118D-04	-3.44462D-04	-1.04107D-04
51	-2.14013D-03	1.95093D-03	-4.05738D-03	-2.36585D-04	-3.36943D-04	-8.44985D-05

52	-4.34408D-05	-1.41845D-06	-5.61967D-05	-5.88328D-06	-2.65689D-05	4.52087D-07
53	-6.70637D-11	-1.18403D-11	-7.00470D-11	-8.02880D-10	-2.30253D-09	1.85044D-10
54	-8.52010D-03	-3.81864D-04	-2.21881D-02	-1.01914D-03	-6.67315D-04	4.63225D-05
55	1.11554D-02	-3.75477D-02	-1.59167D-02	-1.12498D-03	-3.37114D-04	-1.51171D-04
56	6.34015D-03	-4.79143D-02	-9.99096D-03	-9.30606D-04	1.20832D-03	-4.01660D-04
57	1.87193D-02	4.26422D-04	-4.90991D-02	-6.39329D-04	-7.50497D-04	-2.77575D-04
58	1.67573D-02	1.07992D-03	-4.48249D-02	-8.51169D-04	1.25521D-06	-3.69361D-04
59	1.06519D-02	1.61380D-03	-3.16430D-02	-7.64837D-04	2.83232D-04	-4.23316D-04
60	4.21211D-02	-6.44120D-03	-5.55828D-02	-3.20595D-03	-7.57376D-04	2.46010D-03
61	1.93004D-02	-2.95459D-02	-1.01569D-01	-1.42840D-03	-1.38430D-03	2.99064D-03
62	1.55900D-01	4.17449D-03	-4.77342D-02	-1.26140D-04	-1.75638D-03	1.70312D-03
63	1.67117D-01	6.90371D-03	-3.65180D-02	-1.04864D-03	-9.09447D-05	-4.58586D-04
64	1.66980D-01	-4.23400D-02	-5.21119D-02	-6.13472D-04	3.71932D-04	-2.36011D-04
65	1.23230D-01	-1.91781D-02	-6.47207D-02	-2.56406D-04	3.55737D-04	4.54245D-03
66	-2.02191D-02	-1.93407D-02	-7.11048D-02	-2.16343D-04	4.40204D-04	4.75734D-03
67	-8.35082D-02	-1.43927D-03	-7.79696D-02	-1.11770D-03	-4.14314D-04	2.97259D-03
68	1.28567D-02	-7.59425D-03	-2.01178D-02	-4.44844D-04	-4.48600D-04	-1.82685D-04
69	1.40767D-02	-1.15493D-02	-1.94808D-02	-4.16679D-04	6.70606D-05	-3.48989D-04
70	9.06905D-03	-2.56709D-02	-1.89841D-02	-3.05946D-04	8.03222D-06	-1.09290D-03
71	2.55032D-03	-5.38565D-02	-9.36544D-03	-5.01422D-04	-6.50589D-04	-1.08012D-03
72	-6.20815D-03	-5.85163D-02	-6.70952D-04	-8.46981D-05	-5.57066D-04	-2.50373D-04
73	1.04381D-03	-5.93131D-02	-2.63101D-02	2.64087D-04	-3.79097D-04	2.62862D-04
74	7.28881D-03	-4.92440D-02	-2.13266D-02	-5.61871D-05	-3.48956D-04	7.04881D-04
76	8.88446D-03	5.93102D-03	-1.54071D-02	-1.67877D-04	1.84592D-04	-6.93365D-04
77	8.72534D-03	1.84638D-02	-9.28821D-03	-5.91912D-05	2.52555D-04	-3.68837D-04
78	1.14666D-03	1.44521D-02	-6.92069D-04	2.16660D-04	4.36906D-04	3.54207D-04
79	-8.15191D-04	1.22863D-02	1.08768D-02	-3.70793D-04	4.02088D-05	-1.21524D-04
80	-2.63203D-05	1.79964D-03	2.72492D-05	-1.50082D-04	3.91840D-06	-2.42185D-05
82	9.88014D-04	5.95226D-03	1.69645D-03	-1.21285D-04	1.48033D-04	5.90390D-05
83	5.31524D-04	5.15843D-03	1.65350D-03	-1.61308D-04	1.40024D-04	-1.57649D-04
84	-2.50534D-04	1.23754D-03	-5.57094D-04	-1.34174D-04	1.20786D-04	-1.76648D-04
85	-9.52620D-04	2.88766D-04	-6.18661D-04	-5.33509D-05	9.42337D-05	-2.08820D-05
86	-7.55833D-05	2.51807D-04	3.25712D-05	5.34199D-06	4.60405D-06	1.64677D-05
87	-6.83648D-05	2.64221D-04	6.31416D-06	1.73629D-05	3.91391D-06	-4.17331D-06
88	-4.80511D-05	1.70501D-04	-8.94983D-07	1.39206D-05	3.82538D-06	-2.65639D-06
90	-6.35255D-05	1.07952D-04	1.57268D-05	-2.43038D-06	-6.96816D-06	1.15227D-05
91	-3.57964D-05	6.83722D-05	1.66294D-06	-4.89132D-06	-3.28271D-06	6.44984D-06
93	-8.85633D-04	1.91193D-02	1.94823D-04	8.92493D-04	4.91561D-05	-4.18973D-04
94	-4.41279D-03	8.52088D-02	1.07747D-03	1.34221D-03	9.38632D-05	-8.04066D-04
95	4.70266D-02	8.20246D-02	-4.33456D-02	-2.13696D-03	1.92008D-04	-1.81081D-03
96	4.82338D-02	6.48769D-02	-4.63958D-02	-2.32282D-03	2.93462D-04	-1.57662D-03
97	4.50399D-02	2.31977D-02	-4.68688D-02	-2.23742D-03	1.55379D-04	-1.80517D-03
98	4.43950D-02	-6.36218D-08	-4.79691D-02	-2.24470D-03	1.30566D-04	-1.77130D-03
99	6.20581D-02	-1.22308D-01	-2.60582D-02	-4.13600D-04	-5.53274D-04	3.05847D-03
100	7.47675D-02	-6.73630D-02	-1.25804D-02	-6.87112D-04	-7.16361D-04	3.29696D-03
101	9.16321D-02	-1.63143D-02	4.30949D-03	-1.57163D-03	-7.25525D-04	3.00390D-03
102	1.02747D-01	-1.51426D-03	1.59010D-02	-2.14818D-03	-6.09164D-04	2.48530D-03
103	7.10850D-02	-6.54043D-03	-1.69489D-02	-2.76732D-03	-7.23512D-04	2.56254D-03
104	1.39975D-02	-1.07868D-01	8.03788D-03	1.41190D-03	9.34742D-04	1.54796D-03
105	-4.77996D-03	-7.46737D-02	8.19438D-03	1.77607D-03	7.84795D-04	1.59541D-03
106	-5.01182D-02	-7.11771D-02	5.73886D-02	1.89889D-03	7.74464D-04	1.68986D-03
107	-1.92638D-02	-3.49275D-02	8.16159D-03	1.88655D-03	6.28955D-04	1.45077D-03
108	-3.43140D-02	7.27306D-03	1.08581D-02	1.29286D-03	-2.61008D-05	7.66921D-04
109	-3.21559D-02	1.38462D-02	1.08250D-02	5.57520D-04	-5.32656D-04	1.18814D-04
110	-3.02361D-02	1.50429D-02	1.08107D-02	2.22273D-04	-7.06831D-04	-1.58947D-04
111	-2.62394D-02	1.48303D-02	1.07879D-02	-3.32214D-04	-9.27781D-04	-5.98734D-04
112	-2.02978D-02	1.17429D-02	1.07698D-02	-7.10088D-04	-1.02015D-03	-8.82076D-04
113	1.41815D-02	1.18496D-02	-2.46093D-02	-1.48841D-03	-1.09573D-03	-1.36700D-03
114	-1.40820D-02	7.34506D-03	1.07709D-02	-7.46925D-04	-1.04525D-03	-8.86228D-04
115	-1.13080D-02	5.34045D-03	1.07716D-02	-7.68967D-04	-1.05973D-03	-8.89789D-04

116	-7.69530D-03	2.69140D-03	1.07724D-02	-7.88626D-04	-1.07176D-03	-8.94368D-04
117	-4.05191D-03	1.16589D-08	1.07727D-02	-7.93955D-04	-1.07640D-03	-8.94368D-04
118	-1.01840D-02	2.69143D-03	1.30215D-02	-9.12525D-04	-1.04228D-03	-9.91967D-04
119	4.15758D-03	-6.05675D-03	1.07729D-02	-7.94382D-04	-1.07669D-03	-8.94368D-04
120	-1.59054D-02	2.69144D-03	1.84213D-02	-1.06833D-03	-9.81921D-04	-1.11453D-03
121	-1.78085D-02	-6.30104D-05	2.26553D-02	-1.07709D-03	-9.77451D-04	-1.12140D-03
122	-3.43021D-02	-2.37457D-07	1.03470D-02	1.17603D-03	-5.27187D-05	6.93246D-04
123	-3.42730D-02	-1.19087D-02	8.91795D 03	9.54053D-04	-8.43005D-05	5.45868D-04
124	-3.41613D-02	-2.80434D-02	4.31997D-03	3.93271D-04	-7.15415D-05	1.02656D-04
125	-3.41312D-02	-2.85706D-02	3.63414D-03	2.76441D-04	-5.11313D-05	6.57023D-08
126	-3.40793D-02	-2.72318D-02	2.81773D-03	1.31570D-04	-1.32434D-05	-1.28493D-04
127	-3.25705D-02	-2.70292D-02	6.60551D-03	1.40840D-04	-7.38045D-06	-5.87895D-05
128	-3.39182D-02	-2.18219D-02	2.82876D-03	-3.21586D-05	4.13475D-05	-3.31081D-04
129	-3.38579D-02	-1.94305D-02	3.10308D-03	-1.11380D-04	7.85432D-05	-4.06870D-04
130	-3.04228D-02	-9.86101D-03	4.21266D-03	-4.37764D-04	3.42843D-04	-6.60081D-04
131	-3.47519D-02	-1.62955D-02	4.24326D-03	-1.75694D-04	4.23869D-05	-5.03000D-04
132	-1.29005D-02	-4.23987D-07	-8.09550D-03	1.90496D-04	-2.96601D-04	-2.38909D-04
133	-7.95183D-03	-2.44116D-03	-1.24881D-02	1.91853D-04	2.05335D-04	5.82632D-05
134	-2.21036D-02	2.59074D-07	4.16497D-03	-6.59706D-04	5.17659D-04	-8.77358D-04
135	-1.32800D-02	1.14578D-02	4.12219D-03	-7.86952D-04	5.73674D-04	-1.06907D-03
136	-8.15237D-04	2.90165D-02	4.07544D-03	-8.18726D-04	5.41651D-04	-1.22756D-03
137	3.50906D-02	3.25978D-02	-1.81522D-02	-8.61722D-04	5.43807D-04	-1.30681D-03
138	9.70444D-03	4.53840D-02	4.08812D-03	-7.41582D-04	4.60459D-04	-1.22487D-03
139	1.89295D-02	2.66630D-02	5.02881D-04	-2.96122D-04	-3.52032D-05	-1.13550D-03
140	1.47249D-02	8.09828D-07	4.68695D-03	-2.19787D-04	-1.75283D-04	-8.43684D-04
141	1.31579D-02	-4.66423D-03	6.24429D-03	-2.19972D-04	-1.90247D-04	-7.52427D-04
142	1.32596D-02	-8.27270D-03	6.38594D-03	-1.80149D-04	1.06842D-04	-2.51983D-04
143	1.28911D-02	-8.93999D-03	6.03469D-03	-1.43564D-04	2.08807D-04	-1.80289D-05
144	1.19114D-02	-8.75267D-03	5.08237D-03	-6.20806D-05	3.38255D-04	3.76025D-04
145	1.03100D-02	-6.73913D-03	3.50258D-03	1.12391D-05	3.92579D-04	6.50728D-04
146	-1.94661D-02	-6.58791D-03	9.19869D-03	3.00485D-04	4.20587D-04	1.28288D-03
147	8.58922D-03	-4.01375D-03	1.78068D-03	-5.42297D-06	4.13306D-04	6.37493D-04
148	7.80474D-03	-2.86607D-03	9.95732D-04	-1.47326D-05	4.25102D-04	6.31123D-04
149	6.76992D-03	-1.42356D-03	-3.96345D-05	-2.22972D-05	4.34773D-04	6.27338D-04
150	5.71812D-03	8.41377D-09	-1.09160D-03	-2.46055D-05	4.38263D-04	6.25030D-04
151	8.53698D-03	-1.42357D-03	1.49623D-05	-1.95563D-05	4.17548D-04	7.10651D-04
152	3.35506D-03	3.23903D-03	-3.45481D-03	-2.44440D-05	4.38268D-04	6.25191D-04
153	1.26895D-02	-1.42357D-03	1.08939D-04	-1.60233D-05	3.82279D-04	8.15386D-04
154	1.52295D-02	3.34218D-05	-5.17655D-04	-1.58177D-05	3.79666D-04	8.21268D-04
155	3.40712D-03	-6.79477D-07	5.52001D-03	2.42255D-05	-2.48807D-04	-4.18512D-04
156	-3.24700D-03	4.73469D-03	-1.11750D-03	2.23359D-04	-2.28002D-04	-2.17108D-04
157	-6.50496D-03	3.89644D-03	-4.43622D-03	2.68160D-04	-2.17654D-04	-1.72040D-04
158	-2.40449D-03	3.20798D-03	3.26912D-03	2.74748D-04	-2.18376D-04	-1.66486D-04
159	-9.70587D-03	1.86482D-03	-7.58623D-03	2.86444D-04	-2.03075D-04	-1.50880D-04
160	-1.14315D-02	3.21808D-07	-9.37835D 03	2.92104D-04	-1.54176D-04	-1.37085D-04
161	-1.24122D-02	-3.39293D-03	-1.03435D-02	2.30229D-04	1.21999D-04	-1.56713D-04
162	-2.77983D-03	-6.81151D-09	8.20977D-03	1.81975D-04	3.40803D-04	-1.34602D-04
163	-6.92674D-04	9.35439D-04	1.36045D-02	1.76902D-04	3.62427D-04	-1.20907D-04
164	7.50450D-04	1.55423D-03	1.77577D-02	1.73856D-04	3.67586D-04	-1.10212D-04
165	5.43324D-03	3.83071D-03	3.60356D-02	1.61798D-04	1.30037D-04	-3.96539D-05
166	2.13581D-01	8.17575D-02	-2.79063D-02	-4.59738D-04	-7.15094D-04	-1.18969D-03
167	2.35011D-01	8.23329D-02	-3.67814D-02	-5.21227D-04	-7.21882D-04	-1.28597D-03
168	2.20471D-01	9.13890D-02	-3.68946D-02	-5.64552D-04	-7.27671D-04	-1.08334D-03
169	2.17586D-01	1.01759D-01	-4.62489D-02	-1.19491D-03	-7.59193D-04	-4.33229D-04
170	2.09077D-01	1.39638D-01	-7.38047D-02	-3.58259D-03	-8.09827D-04	-1.65511D-03
171	2.07382D-01	1.39663D-01	-6.25928D-02	-3.23082D-03	-8.09827D-04	3.91196D-04
172	2.10222D-01	1.39682D-01	-5.42129D-02	-3.03795D-03	-8.09827D-04	1.52889D-03
173	2.18598D-01	1.39691D-01	-3.87336D-02	-3.01501D-03	-8.09827D-04	1.66898D-03
174	2.30149D-01	1.39693D-01	-1.84052D-02	-3.01021D-03	-8.09827D-04	1.72897D-03
175	2.07620D-01	1.55349D-01	-7.84768D-02	-4.07147D-03	-8.20073D-04	-2.31824D-03

176	9.42604D-02	2.47964D-01	-1.20749D-07	-8.42767D-03	-2.71820D-05	-9.55081D-03
177	3.18317D-02	-3.67341D-09	1.01476D-01	-8.59621D-03	-6.31978D-04	7.74876D-05
178	3.19001D-02	-3.78435D-02	-3.77074D-08	-6.98253D-03	-1.88397D-03	4.72206D-04
179	-1.95043D-02	-3.60065D-08	6.47778D-02	-3.72658D-03	1.04025D-03	-1.48642D-03
180	-7.78922D-04	-6.87667D-03	2.61970D-03	-2.25538D-03	-9.66176D-04	-5.57976D-04
181	1.89728D-03	-7.95835D-03	-6.20451D-03	-2.11624D-03	-8.64122D-04	-5.56568D-04
182	1.18420D-02	-1.18318D-03	-3.57559D-02	-8.00117D-04	2.56977D-04	-4.31236D-04
183	1.13210D-02	7.43302D-05	-3.39523D-02	-7.84124D-04	2.70841D-04	-4.27856D-04
184	1.36454D-02	1.60878D-03	-3.76494D-02	-8.15436D-04	1.51881D-04	-3.90728D-04
185	9.93087D-03	3.22008D-03	-2.91398D-02	-7.31329D-04	3.07749D-04	-4.24626D-04
186	-7.01068D-03	2.13293D-03	-9.33355D-03	-3.47412D-04	1.60134D-04	-4.25162D-04
187	-8.12593D-03	2.45735D-03	-8.25453D-03	-3.14828D-04	1.30442D-04	-4.15790D-04
188	-8.98625D-03	2.93799D-03	-7.46833D-03	-2.84010D-04	1.02414D-04	-4.07222D-04
189	-2.84615D-03	2.61539D-03	-4.86375D-0[illegible]	-2.32230D-04	-3.41681D-04	-9.42731D-05
190	5.62748D-03	2.91629D-08	1.98687D-07	1.43706D-04	-2.81185D-04	2.91072D-05
191	5.74882D-03	-3.27871D-08	1.82551D-03	1.24177D-04	1.30498D-04	2.91864D-06
192	5.75012D-03	-4.30484D-05	2.68466D-03	1.23404D-04	1.26680D-04	5.04136D-06
193	5.49498D-03	-1.56835D-04	5.44171D-03	1.51449D-04	5.52268D-05	4.71931D-05
194	3.02602D-03	-5.30619D-04	9.29225D-04	7.26567D-06	-5.67706D-05	-4.34267D-05
195	8.05961D-04	-1.72729D-04	2.48185D-04	-1.58389D-06	-4.13170D-05	-2.04400D-05
196	-8.17924D-03	-3.78256D-04	-1.51753D-02	-9.90298D-04	-6.59453D-04	5.12330D-05
197	-8.79175D-03	-7.48291D-04	-3.24833D-02	-1.03142D-03	-6.67061D-04	4.96391D-05
198	-3.19590D-03	-8.40083D-03	-2.0542[illegible]D-02	-1.03227D-03	-6.69466D-04	3.39881D-05
199	3.02374D-03	-4.66722D-02	9.24436D-04	-9.02891D-04	1.21258D-03	-4.56146D-04
200	-2.90912D-03	-4.23880D-02	2.0474 D-02	-8.43593D-04	1.01327D-03	-5.77741D-04
201	-5.03965D-03	-4.23914D-02	2.35052D-02	-9.71727D-04	1.04497D-03	-6.83062D-04
202	-6.49456D-03	-4.23934D-02	2.55793D-02	-1.02913D-03	1.06472D-03	-7.09673D-04
203	-1.05878D-02	-4.10385D-02	3.40152D-02	-1.11964D-03	1.05974D-03	-6.74959D-04
204	-1.27769D-02	-3.84446D-02	4.11494D-02	-1.12343D-03	8.11858D-04	-7.57842D-04
205	-1.41566D-02	-3.55268D-02	4.56385D-02	-1.14522D-03	6.52290D-04	-7.69592D-04
206	-7.55075D-03	-3.55133D-02	3.58034D-02	-7.84285D-04	6.81513D-04	-6.83009D-04
207	-1.02470D-02	-1.79392D-02	4.49062D-02	-7.28469D-04	-2.28789D-04	-6.37887D-04
208	1.75083D-02	1.63756D-08	-4.51708D-02	-6.48366D-04	-8.27785D-04	-2.78908D-04
209	4.44875D-02	-2.93760D-02	-9.21955D-02	-1.13513D-03	-1.61018D-03	3.03234D-03
210	5.80325D-02	-2.84545D-02	-8.68231D-02	-1.12181D-03	-1.64302D-03	3.02999D-03
211	-7.75995D-03	-2.58723D-02	-1.12243D-01	-1.23480D-03	-1.63922D-03	3.03692D-03
212	7.19955D-02	-2.70233D-02	-8.12093D-02	-1.02460D-03	-1.67708D-03	3.00434D-03
213	1.42577D-01	-8.17380D-07	-5.30656D-02	-1.25878D-04	-1.82837D-03	1.96974D-03
214	-8.25100D-02	1.54002D-07	-7.73601D-02	-1.11195D-03	-4.37549D-04	2.91205D-03
215	9.83536D-03	-2.27160D-02	-1.91067D-02	-3.26211D-04	8.46257D-05	-9.16136D-04
216	9.01233D-03	-1.42473D-02	-1.85034D-02	-2.62799D-04	7.22430D-05	-1.03720D-03
217	9.07581D-03	-3.76593D-02	-1.80263D-02	-3.35444D-04	-9.38314D-05	-1.16207D-03
218	-7.56407D-03	-5.85817D-02	-5.07179D-07	-3.45290D-05	-5.46774D-04	-2.07973D-04
219	-5.57196D-03	-5.92578D-02	-1.80931D-02	3.10463D-04	-4.09551D-04	1.97487D-04
220	-5.17234D-03	-5.92610D-02	-1.87187D-02	3.09779D-04	-4.08690D-04	1.99044D-04
221	-5.03809D-03	-5.81368D-02	-1.65858D-02	3.09767D-04	-4.08551D-04	1.98561D-04
222	-4.76872D-03	-5.92629D-02	-1.93408D-02	3.09020D-04	-4.07962D-04	2.00892D-04
223	-1.02603D-03	-5.93121D-02	-2.41340D-02	2.76668D-04	-3.84747D-04	2.49367D-04
224	-5.22289D-04	-5.93134D-02	-2.46885D-02	2.75407D-04	-3.84019D-04	2.50559D-04
225	-3.79472D-04	-5.79164D-02	-2.26827D-02	2.75398D-04	-3.83831D-04	2.50080D-04
226	-1.58402D-05	-5.93135D-02	-2.52377D-02	2.74134D-04	-3.83470D-04	2.52029D-04
227	3.67284D-03	-2.60819D-02	-1.08157D-02	-9.91328D-05	-2.93708D-04	6.40516D-04
228	8.93181D-03	-7.95506D-07	-1.68290D-02	-2.02662D-04	1.48379D-04	-8.39192D-04
229	4.85107D-03	5.93385D-03	-1.44149D-02	-1.51957D-04	1.82772D-04	-5.79690D-04
230	2.67747D-03	5.93552D-03	-1.38293D-02	-1.47614D-04	1.81631D-04	-5.13534D-04
231	2.76194D-07	1.44327D-02	-8.34781D-08	2.18860D-04	4.32345D-04	3.43052D-04
232	-1.88879D-03	1.23440D-02	1.39531D-02	-3.46735D-04	4.85123D-05	-1.25367D-04
233	-1.63671D-03	1.23388D-02	1.32536D-02	-3.49220D-04	4.77495D-05	-1.25096D-04
234	-1.41028D-03	1.42715D-02	1.33574D-02	-3.49343D-04	4.77429D-05	-1.25102D-04
235	-1.38504D-03	1.23333D-02	1.25477D-02	-3.51530D-04	4.69930D-05	-1.24788D-04

236	-1.52354D-09	5.95425D-03	8.66278D-10	-1.21212D-04	1.50917D-04	8.17645D-05
237	8.06719D-05	5.95419D-03	1.21680D-04	-1.21274D-04	1.50632D-04	7.67159D-05
238	5.22618D-04	5.95406D-03	8.49927D-04	-1.21189D-04	1.50264D-04	6.96589D-05
239	5.22717D-04	5.52515D-03	1.79982D-03	-1.21189D-04	1.50622D-04	6.85574D-05
240	9.25430D-04	5.95294D-03	1.57581D-03	-1.21148D-04	1.49007D-04	6.38644D-05
241	-1.61214D-04	2.55000D-04	5.65868D-05	4.93430D-06	1.23066D-05	2.23569D-05
242	-7.49477D-05	2.95052D-04	1.89662D-05	9.50944D-06	3.67997D-06	1.04726D-05
243	-7.52614D-05	1.77233D-04	3.80868D-05	1.13344D-06	1.12719D-06	1.66510D-05
244	-4.34931D-05	1.54230D-04	-7.49869D-07	1.32270D-05	3.67419D-06	-2.17776D-06
245	-2.13604D-05	7.53075D-05	-5.06172D-07	1.13091D-05	3.17256D-06	-1.56024D-06
246	-1.15517D-05	7.53216D-05	7.08685D-05	1.13232D-05	3.17256D-06	-1.55793D-06
247	-3.80764D-06	1.31930D-05	-2.75144D-07	7.59640D-06	2.14322D-06	-9.48414D-07
248	-3.22590D-05	6.20908D-05	1.39974D-06	-4.92809D-06	-2.97095D-06	5.30294D-06
249	-1.52983D-05	3.12382D-05	9.57752D-07	-4.45522D-06	-2.41295D-06	3.82320D-06
250	-3.94554D-05	3.12441D-05	-2.71589D-05	-4.46063D-06	-2.41295D-06	3.83107D-06
251	-2.46461D-06	5.91229D-06	5.20612D-07	-3.07430D-06	-1.58077D-06	2.32399D-06
252	3.00778D-03	-1.84326D-02	-1.85600D-02	-1.09228D-03	-6.02886D-04	-4.14789D-05

M O D A L A N A L Y S I S

MODE NUMBER 25
FREQUENCY= *21.9409 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.14009D-01	-5.38878D-02	-3.12869D-02	-8.16888D-04	-1.56927D-03	4.95162D-04
3	1.15864D-01	-7.42315D-02	-5.80782D-02	-1.78654D-03	-8.26141D-04	1.54547D-03
4	8.72545D-02	-7.41891D-02	-9.07194D-02	-1.75859D-03	-7.11505D-04	1.62061D-03
5	6.16420D-02	-6.78409D-02	-1.09886D-01	-1.25490D-03	-6.77590D-04	2.06171D-03
6	5.60920D-02	-2.95238D-02	-1.02163D-01	-9.05325D-04	-6.50274D-04	2.19761D-03
7	7.35438D-02	4.17417D-02	-6.89418D-02	-8.09108D-04	-7.88228D-04	1.69725D-03
8	1.24979D-01	6.71939D-02	5.01207D-03	-8.13795D-04	-6.45077D-04	-4.52378D-05
9	2.00198D-01	-2.48334D-03	8.33080D-02	5.59219D-04	3.67123D-05	-3.60047D-04
10	1.95864D-01	4.33379D-07	7.86883D-02	5.30384D-04	6.89107D-04	-2.37272D-04
11	1.16826D-02	3.11046D-02	3.68864D-03	-2.94529D-04	1.10010D-03	3.44195D-04
12	-3.76245D-02	1.62128D-06	3.43073D-03	-4.07215D-04	4.51236D-04	8.94059D-05
13	-4.30537D-02	-3.24437D-03	5.81386D-03	-2.61713D-04	-4.53869D-05	-1.61735D-04
14	-4.24541D-02	-1.13650D-02	8.20506D-03	-2.97072D-04	4.16408D-04	-1.72521D-04
15	-3.59490D-02	-9.24176D-03	8.18757D-03	2.26778D-04	-3.79138D-04	-1.39448D-04
16	-2.65878D-02	-7.84377D-04	-9.12474D-04	2.86491D-04	-3.86986D-04	-6.61520D-05
17	-2.60212D-02	-8.79661D-03	-2.25752D 02	3.02654D-04	7.11361D-06	1.39021D-04
18	-2.48452D-02	-1.24617D-02	-2.07023D-02	2.94372D-04	2.27699D-04	8.61834D-05
19	-2.14879D-02	-1.67473D-02	-1.74680D-02	2.89474D-04	2.70939D-04	4.33146D-05
20	-1.96327D-02	-1.83809D-02	-1.34702D-02	2.50427D-04	2.31194D-04	-6.16211D-05
21	-1.91930D-02	-9.53151D-03	-4.11058D-03	1.69133D-04	9.87452D-05	-2.79743D-04
22	-1.00622D-02	-4.98796D-04	-1.40329D-03	7.43219D-05	-5.62419D-05	-3.96844D-04
23	-1.34372D-09	1.84262D-11	-9.09754D-11	7.80448D-09	-1.44517D-08	-5.58036D-08
25	6.89178D-03	-1.40839D-03	2.2965 D-03	3.99870D-05	-9.68033D-05	-8.13202D-05
26	8.64501D-03	1.74073D-03	8.16457D-03	3.64421D-04	-2.02233D-05	-1.02949D-05
27	8.75846D-03	1.73451D-03	1.22731D-02	3.70956D-04	-6.45049D-06	-1.13733D-05
28	9.29793D-03	9.67567D-04	1.81618D-02	2.93280D-04	1.96762D-04	-3.57395D-05
29	9.29213D-03	5.53993D-04	1.59126D-02	2.88650D-04	2.15524D-04	-3.23479D-05
30	8.76112D-03	2.78336D-03	5.19200D-02	2.23822D-04	-4.68273D-04	1.45153D-05
31	-1.54279D-02	9.69271D-04	-6.67207D-03	2.47231D-04	-3.18327D-04	-1.24125D-04
32	1.21035D-02	-2.35938D-03	2.08192D-02	-1.40928D-05	-4.90259D-04	-3.77524D-04
33	2.69724D-02	-5.72663D-03	2.09922D-02	-1.71396D-04	-4.50675D-04	-5.52684D-04
34	4.22021D-02	3.95330D-02	5.78872D-03	-4.16031D-04	2.66771D-04	-1.00943D-03
35	3.50135D-02	3.86035D-02	8.25440D-03	-5.49474D-04	6.81913D-04	-1.01178D-03
36	4.98265D-02	-3.93771D-03	-9.88333D-02	-7.59867D-04	-3.89546D-04	1.79307D-03
37	3.97028D-02	4.60824D-03	-9.87999D-02	3.76049D-04	4.54819D-05	5.22082D-04
38	5.35512D-02	4.36797D-03	-8.45443D-03	7.72708D-04	-1.38122D-04	-5.49485D-04
39	5.14003D-02	3.65927D-02	-1.33095D-02	-3.95073D-04	-3.63159D-05	-1.01709D-03
40	3.04143D-02	5.44200D-02	-4.15207D-03	-1.34597D-03	1.60052D-04	-2.44683D-03
41	1.33610D-02	5.44196D-02	5.58545D-03	-1.40100D-03	1.39032D-04	-2.33772D-03
42	-1.67820D-03	3.92945D-02	1.98216D-02	-1.77937D-03	-3.27354D-04	-1.37516D-03
43	3.72123D-03	9.79011D-03	1.98449D-02	-1.79071D-03	-3.10577D-04	-1.04081D-03
44	5.62151D-03	-1.11653D-03	1.86945D-02	-2.03484D-03	-3.69814D-05	-2.82509D-04
45	5.70950D-03	-1.77041D-03	-1.85848D-02	-1.25931D-03	-7.57927D-05	-2.16426D-04
46	5.69960D-03	-1.61722D-03	-1.85874D-02	-1.24152D-03	7.69223D-05	-2.73390D-04
47	3.51747D-03	2.56832D-03	-1.00354D-02	-2.82449D-04	1.19697D-04	-1.59859D-04
48	2.99975D-03	2.60216D-03	-9.19070D-03	-2.46533D-04	1.16022D-04	-1.92402D-04
49	-3.79366D-03	3.28398D-03	-2.79070D-03	-6.80177D-05	-3.16422D-05	-1.07329D-04
50	-1.44030D-03	1.32012D-03	-2.28490D-03	-9.17861D-05	-1.39226D-04	-4.17501D-05
51	-8.67598D-04	7.83453D-04	-1.63812D-03	-9.52324D-05	-1.36192D-04	-3.38225D-05

52	-1.76192D-05	-5.73097D-07	-2.27256D-05	-2.37060D-06	-1.07491D-05	1.92774D-07
53	-2.71707D-11	-4.78386D-12	-2.83535D-11	-3.23769D-10	-9.31547D-10	7.60529D-11
54	-4.50840D-03	3.80805D-04	-7.88463D-03	-8.42760D-04	-2.78300D-04	6.94179D-05
55	3.88014D-03	-2.97373D-02	-5.20271D-03	-9.11857D-04	-1.53488D-04	-8.87741D-05
56	2.37946D-03	-3.80896D-02	-3.18212D-03	-7.16709D-04	3.96497D-04	-2.99408D-04
57	8.03541D-03	3.65352D-04	-2.11903D-02	-3.72769D-04	-2.06399D-04	-1.84560D-04
58	6.68990D-03	8.98360D-04	-1.82415D-02	-3.79943D-04	1.36915D-05	-1.58852D-04
59	4.22674D-03	1.13702D-03	-1.25045D-02	-3.19352D-04	1.00801D-04	-1.57873D-04
60	2.03017D-01	-2.55873D-03	1.11692D-01	1.48288D-03	1.06747D-03	-5.23742D-05
61	1.55096D-01	1.61837D-02	1.19904D-01	-9.38008D-05	4.68766D-03	9.69694D-04
62	-2.48974D-01	-3.66580D-03	-4.18887D-02	-1.05778D-03	4.28909D-03	1.28663D-03
63	-2.66045D-01	6.61420D-03	-4.44208D-02	-1.19288D-03	-2.90339D-03	1.57732D-03
64	-2.66187D-01	9.89434D-02	2.55798D-01	-2.12428D-03	-4.25421D-03	3.36822D-04
65	-2.07259D-01	6.70008D-02	2.62244D-01	-3.70142D-03	-2.52903D-03	-6.04464D-03
66	-1.63940D-02	6.70245D-02	1.48601D-01	-3.71871D-03	-2.10801D-03	-6.35300D-03
67	7.96680D-02	6.24522D-03	1.12396D-01	-7.18610D-04	1.10836D-05	-2.99901D-03
68	-3.55753D-02	-2.10858D-02	4.15753D-02	9.67409D-04	5.56829D-04	7.03952D-04
69	-3.58304D-02	-1.07543D-02	4.09428D-02	1.24273D-03	-3.73343D-04	9.34598D-04
70	-1.78146D-02	3.74279D-02	3.99438D-02	1.06286D-03	-1.65152D-04	1.64224D-03
71	-8.24496D-03	7.93324D-02	2.17055D-02	1.35934D-03	1.16281D-03	1.57324D-03
72	4.22185D-03	8.60418D-02	2.02275D-03	2.89868D-04	9.21032D-04	3.30506D-04
73	-7.82042D-03	8.72182D-02	5.21239D-02	-5.88314D-04	6.76698D-04	-3.60698D-04
74	-1.53709D-02	7.33203D-02	4.44354D-02	1.96556D-05	7.08774D-04	-1.05618D-03
76	-1.74268D-02	-8.68760D-03	2.84577D-02	7.46189D-04	-4.93093D-04	1.01074D-03
77	-1.70945D-02	-2.68302D-02	1.32339D-02	5.05514D-04	-6.14470D-04	5.14633D-04
78	-2.23835D-03	-1.83064D-02	5.38933D-0[illegible]	-1.51682D-04	-9.90086D-04	-6.87030D-04
79	6.72684D-04	-1.54536D-02	-1.33296D-02	4.23694D-04	-1.32427D-04	2.25995D-04
80	-1.66137D-06	-2.32499D-03	-3.16387D-05	1.91996D-04	-1.37876D-05	4.71330D-05
82	-8.89982D-04	-8.72365D-03	-9.42296D-04	7.15773D-05	-2.67710D-04	-4.81705D-05
83	-1.06800D-05	-7.55874D-03	-2.92706D-04	1.91740D-04	-2.08486D-04	2.47132D-04
84	1.12406D-03	-1.81073D-03	2.91571D-03	1.88486D-04	-1.73188D-04	2.61640D-04
85	2.09520D-03	-4.25073D-04	2.86656D-03	1.11929D-04	-1.19576D-04	1.67834D-05
86	1.16179D-04	-3.70680D-04	-3.81444D-05	1.35435D-05	-5.84102D-06	-2.75059D-05
87	1.06808D-04	-4.13898D-04	-8.71020D-06	-1.63040D-05	-5.27672D-06	7.90525D-06
88	7.65102D-05	-2.82465D-04	1.52251D-06	-2.19566D-05	-6.02109D-06	6.58809D-06
90	1.00671D-04	-1.33998D-04	-2.06417D-05	1.28356D-05	9.15004D-06	-1.52010D-05
91	6.09772D-05	-6.92001D-05	-1.71522D-06	5.73758D-06	5.33205D-06	-6.81766D-06
93	1.81637D-02	-7.03262D-03	-5.10602D-03	-3.55028D-04	-9.69688D-04	1.84704D-04
94	8.29178D-02	-3.67071D-02	-2.28073D-02	-7.11421D-04	-1.57067D-03	4.11993D-04
95	5.28116D-02	-4.64498D-02	-1.08303D-01	-9.80378D-04	-6.50525D-04	2.25000D-03
96	5.18789D-02	-1.33473D-02	-9.99271D-02	-8.06735D-04	-4.55703D-04	1.94533D-03
97	5.94809D-02	-1.27708D-02	-9.57452D-02	-8.60616D-04	-6.80176D-04	2.13634D-03
98	6.22596D-02	-1.64199D-07	-9.04713D-02	-8.37419D-04	-7.06206D-04	2.06640D-03
99	1.47509D-01	3.30427D-02	2.91884D-02	-6.22335D-04	-1.12678D-03	-5.03967D-04
100	1.74326D-01	1.18917D-02	5.71619D-02	-3.00147D-04	-1.27203D-03	-5.87637D-04
101	1.97867D-01	-2.12249D-03	8.08830D-02	2.95141D-04	-4.56058D-04	-4.61196D-04
102	1.98573D-01	-1.11404D-03	8.15030D-02	5.34903D-04	4.32526D-04	-2.91708D-04
103	2.02427D-01	-2.51820D-03	9.38407D-02	1.13082D-03	5.11096D-04	-1.76032D-04
104	2.99604D-03	2.81828D-02	3.57679D-03	-4.09511D-04	8.91822D-04	3.59260D-04
105	-1.45155D-02	1.88938D-02	3.50387D-03	-4.76084D-04	7.50108D-04	3.67839D-04
106	-2.60241D-02	1.99374D-02	-1.16273D-02	-5.01292D-04	7.52228D-04	4.27896D-04
107	-2.84620D-02	8.44856D-03	3.46944D-03	-4.77335D-04	6.07054D-04	2.54266D-04
108	-4.30534D-02	-1.69997D-03	5.18776D-03	-2.73790D-04	-8.62467D-05	-1.52133D-04
109	-4.05273D-02	-3.84040D-03	5.25612D-03	-2.10675D-04	-5.76651D-04	-5.26953D-04
110	-3.84856D-02	-4.42023D-03	5.28536D-03	-9.04091D-05	-7.43060D-04	-6.87590D-04
111	-3.43462D-02	-4.36231D-03	5.33157D-03	2.14111D-04	-9.50073D-04	-9.41932D-04
112	-2.82995D-02	-2.38100D-03	5.36793D-03	5.12114D-04	-1.03168D-03	-1.10580D-03
113	8.14345D-03	2.15639D-03	4.54139D-02	2.01295D-03	-9.55725D-04	-1.37853D-03
114	-2.18434D-02	-2.66673D-04	5.36835D-03	2.62469D-04	-1.10142D-03	-1.11264D-03
115	-1.88683D-02	1.23170D-04	5.36862D-03	1.22627D-04	-1.14101D-03	-1.11851D-03

116	-1.49187D-02	1.88827D-04	5.36893D-03	9.27871D-06	-1.17337D-03	-1.12605D-03
117	-1.08906D-02	8.95323D-08	5.36906D-03	-2.81164D-05	-1.18483D-03	-1.12605D-03
118	-1.81068D-02	1.88830D-04	5.39231D-03	-2.37078D-05	-1.12482D-03	-1.28682D-03
119	-1.85722D-03	-2.14400D-04	5.36918D-03	-2.81317D-05	-1.18469D-03	-1.12605D-03
120	-2.56650D-02	1.88835D-04	5.65091D-03	-6.49545D-05	-1.02541D-03	-1.48864D-03
121	-2.89495D-02	1.78418D-05	5.91403D-03	-6.72613D-05	-1.01805D-03	-1.49995D-03
122	-4.30528D-02	-1.28135D-06	3.97809D-03	-2.88138D-04	-1.21489D-04	-1.06981D-04
123	-4.30435D-02	8.38841D-04	1.06293D-03	-3.15400D-04	-1.50103D-04	1.58555D-06
124	-4.29714D-02	-4.25738D-03	-4.63896D-03	-3.84273D-04	-8.73374D-06	1.72660D-04
125	-4.29476D-02	-6.13708D-03	-4.53081D-03	-3.98622D-04	5.91186D-05	1.89823D-04
126	-4.29053D-02	-1.03526D-02	-2.42009D-03	-4.16414D-04	1.67801D-04	1.99762D-04
127	-5.17801D-02	-1.14113D-02	-1.44899D-02	-4.49910D-04	1.77244D-04	3.12023D-04
128	-4.26877D-02	-1.26815D-02	2.28023D-03	-3.66079D-04	2.75506D-04	3.42868D-05
129	-4.26063D-02	-1.26217D-02	4.09779D-03	-3.41723D-04	3.25899D-04	-4.08560D-05
130	-3.58242D-02	-7.64564D-03	8.20884D-03	-3.83193D-04	6.54573D-04	-3.43240D-04
131	-4.59074D-02	-1.38928D-02	8.20459D-03	-1.83168D-04	2.39128D-04	-1.67734D-04
132	-2.65076D-02	-6.09278D-07	-6.50522D-03	2.89090D-04	-3.52290D-04	-7.62360D-06
133	-1.95128D-02	-1.70850D-02	-1.01454D-02	2.27519D-04	2.00009D-04	-1.16204D-04
134	-2.14648D-02	8.68757D-07	8.21331D-03	-5.19963D-04	8.79278D-04	-6.07079D-04
135	-6.87831D-03	8.98955D-03	8.21587D-03	-6.11667D-04	9.43878D-04	-8.39878D-04
136	1.34025D-02	2.25714D-02	8.21769D-03	-6.26873D-04	8.85873D-04	-1.03233D-03
137	4.52579D-02	2.55071D-02	-7.68456D-03	-6.46822D-04	8.90718D-04	-1.13374D-03
138	3.06602D-02	3.52021D-02	8.24458D-03	-5.75044D-04	7.50643D-04	-1.01852D-03
139	4.35367D-02	2.03643D-02	4.49071D-03	-2.53890D-04	-1.42949D-04	-9.00783D-04
140	3.30892D-02	6.12705D-07	1.49070D-02	-1.84791D-04	-4.04171D-04	-6.62624D-04
141	2.95153D-02	-3.57700D-03	1.84616D-02	-1.80214D-04	-4.32412D-04	-5.91192D-04
142	2.98691D-02	-5.99015D-03	1.87978D-02	-3.08602D-04	2.19755D-04	4.64984D-05
143	2.91140D-02	-6.31809D-03	1.80352D-02	-3.85138D-04	4.44945D-04	2.98216D-04
144	2.70403D-02	-6.15547D-03	1.59499D-02	-5.33066D-04	7.32621D-04	6.70138D-04
145	2.35895D-02	-5.30356D-03	1.24901D-02	-6.52410D-04	8.55198D-04	8.85722D-04
146	-3.42192D-03	-6.50896D-03	-1.34292D-02	-1.10311D-03	8.59014D-04	9.98715D-04
147	1.97753D-02	-3.83375D-03	8.67394D-03	-5.68490D-04	9.24499D-04	9.79147D-04
148	1.80009D-02	-2.92143D-03	6.89883D-03	-5.22366D-04	9.63777D-04	1.03342D-03
149	1.56325D-02	-1.52589D-03	4.52957D-03	-4.86243D-04	9.95834D-04	1.08003D-03
150	1.32090D-02	-4.41504D-08	2.10580D-03	-4.73033D-04	1.00712D-03	1.09324D-03
151	1.87108D-02	-1.52591D-03	5.88537D-03	-5.41219D-04	9.48100D-04	1.24841D-03
152	7.77974D-03	3.34569D-03	-3.32367D-03	-4.72864D-04	1.00690D-03	1.09341D-03
153	2.60931D-02	-1.52592D-03	9.01376D-03	-6.10212D-04	8.50358D-04	1.45990D-03
154	3.03480D-02	2.49487D-05	9.89786D-03	-6.14076D-04	8.43119D-04	1.47176D-03
155	8.94983D-03	-4.32797D-07	1.76813D-02	2.47927D-05	-4.77265D-04	-3.40003D-04
156	-3.22269D-03	3.93840D-03	5.57152D-03	1.89543D-04	-4.01872D-04	-1.81169D-04
157	-8.90564D-03	3.17563D-03	-2.04744D-04	2.32859D-04	-3.76934D-04	-1.40058D-04
158	-6.14169D-03	2.59136D-03	7.04411D-03	2.47797D-04	-3.78634D-04	-1.26409D-04
159	-1.43935D-02	1.42217D-03	-5.60465D-03	2.43771D-04	-3.47103D-04	-1.28352D-04
160	-1.72750D-02	1.93722D-07	-8.59797D-03	2.47183D-04	-2.57594D-04	-1.22683D-04
161	-1.88456D-02	-2.69531D-03	-1.01821D-02	2.12836D-04	1.87896D-04	-1.44482D-04
162	-4.16464D-03	-6.23389D-09	1.79547D-02	1.96707D-04	5.22644D-04	-1.27254D-04
163	-9.46933D-04	7.32520D-04	2.62341D-02	1.97639D-04	5.63712D-04	-1.15522D-04
164	1.33047D-03	1.21555D-03	3.27615D-02	1.98743D-04	5.77197D-04	-1.06328D-04
165	8.73999D-03	3.00678D-03	6.15095D-02	2.09502D-04	1.91938D-04	-4.47526D-05
166	4.97578D-02	4.37228D-03	-1.39177D-02	7.82971D-04	-1.36131D-04	-5.41220D-04
167	5.93639D-02	4.52280D-03	-7.82456D-04	7.72395D-04	-1.37956D-04	-5.72257D-04
168	5.32857D-02	7.27037D-03	-9.54636D-03	7.53763D-04	-1.38681D-04	-5.27302D-04
169	5.27161D-02	1.10954D-02	-1.12050D-02	5.55503D-04	-1.07617D-04	-4.09336D-04
170	5.16888D-02	2.59405D-02	-1.30179D-02	-1.27643D-04	-3.00983D-05	-7.14061D-04
171	5.02036D-02	2.59452D-02	-1.28288D-02	-1.39467D-06	-3.00983D-05	-2.38783D-04
172	4.99768D-02	2.59488D-02	-1.29354D-02	6.87761D-05	-3.00983D-05	2.51899D-05
173	5.02312D-02	2.59506D-02	-1.33212D-02	7.74103D-05	-3.00983D-05	5.76128D-05
174	5.06839D-02	2.59509D-02	-1.38612D-02	8.10704D-05	-3.00983D-05	7.09959D-05
175	5.15473D-02	3.06531D-02	-1.31549D-02	-2.60072D-04	-3.11143D-05	-8.59466D-04

176	2.28309D-02	5.44201D-02	-4.49636D-08	-1.37305D-03	1.51043D-04	-2.40889D-03
177	5.66300D-03	1.10144D-08	1.68188D-02	-1.82494D-03	-1.01168D-04	1.24620D-04
178	5.69851D-03	-8.61743D-03	-8.04947D-09	-1.53847D-03	-3.25004D-04	3.72030D-05
179	-2.90004D-03	-3.65908D-09	9.51678D-03	-9.25676D-04	1.99732D-04	-3.34992D-04
180	8.77667D-05	9.41357D-04	-2.84743D-04	-6.24718D-04	-2.33978D-04	-1.65831D-04
181	7.83524D-04	6.81044D-04	-2.56233D-03	-5.99835D-04	-2.34332D-04	-1.55482D-04
182	4.63156D-03	2.91998D-04	-1.39196D-02	-3.27860D-04	8.59034D-05	-1.54824D-04
183	4.45774D-03	6.63249D-04	-1.33100D-02	-3.24055D-04	9.31542D-05	-1.56080D-04
184	5.39042D-03	1.13295D-03	-1.50718D-02	-3.53510D-04	6.01735D-05	-1.56484D-04
185	3.96775D-03	1.65967D-03	-1.15993D-02	-3.04810D-04	1.11781D-04	-1.59346D-04
186	-2.78758D-03	7.95685D-04	-3.81099D-03	-1.39543D-04	6.56155D-05	-1.71082D-04
187	-3.24513D-03	9.30722D-04	-3.36891D-03	-1.26218D-04	5.35465D-05	-1.67472D-04
188	-3.59880D-03	1.13028D-03	-3.04594D-03	-1.13715D-04	4.21666D-05	-1.64089D-04
189	-1.15299D-03	1.05048D-03	-1.96408D-03	-9.34602D-05	-1.38105D-04	-3.77744D-05
190	9.00560D-03	1.76163D-08	3.51752D-07	2.44323D-04	-4.40643D-04	3.11766D-05
191	9.27934D-03	1.00517D-08	1.18122D-02	2.84379D-04	2.47594D-04	-2.82941D-05
192	9.28446D-03	1.97290D-04	1.34031D-02	2.85965D-04	2.36362D-04	-3.01288D-05
193	9.39204D-03	5.40602D-04	1.85611D-02	2.55515D-04	1.76351D-04	1.29306D-05
194	5.19862D-03	-1.36671D-03	1.67904D-03	1.61024D-05	-1.02020D-04	-7.09498D-05
195	1.34850D-03	-5.23734D-04	4.51496D-04	-1.05343D-05	-7.06891D-05	-3.63897D-05
196	-4.00420D-03	3.83430D-04	-2.05540D-03	-8.24426D-04	-2.73353D-04	7.41009D-05
197	-5.13107D-03	8.33119D-05	-1.63720D-02	-8.49021D-04	-2.78161D-04	7.13810D-05
198	-2.28013D-03	-6.17012D-03	-7.19409D-03	-8.52527D-04	-2.80470D-04	5.95238D-05
199	1.29321D-03	-3.72056D-02	3.95357D-04	-6.87620D-04	3.82688D-04	-3.42391D-04
200	-4.54749D-04	-3.39553D-02	6.16412D-03	-6.26233D-04	2.78541D-04	-4.38833D-04
201	-2.05591D-03	-3.39581D-02	8.30527D-03	-6.63981D-04	2.87200D-04	-5.08778D-04
202	-3.13406D-03	-3.39597D-02	9.69694D-03	-6.83481D-04	2.92593D-04	-5.23124D-04
203	-5.53932D-03	-3.28913D-02	1.36341D-02	-7.23771D-04	2.85180D-04	-4.81283D-04
204	-6.10315D-03	-3.08746D-02	1.54559D-02	-7.12420D-04	1.86961D-04	-5.41394D-04
205	-6.39017D-03	-2.85847D-02	1.63764D-02	-7.16352D-04	1.27902D-04	-5.48598D-04
206	-1.61091D-03	-2.85739D-02	1.00011D-02	-5.66174D-04	1.48677D-04	-5.22719D-04
207	-1.63746D-03	-1.45929D-02	1.01897D-02	-5.00884D-04	-1.37841D-04	-4.84987D-04
208	7.69925D-03	1.31888D-08	-2.01019D-02	-3.82671D-04	-2.34371D-04	-1.86268D-04
209	6.94249D-02	1.83277D-02	8.58450D-02	-3.16013D-04	5.22709D-03	8.07197D-04
210	2.55148D-02	1.82728D-02	6.81848D-02	-3.31719D-04	5.26847D-03	7.93531D-04
211	1.02536D-02	1.89668D-02	5.84718D-02	-2.72167D-04	5.26656D-03	7.83710D-04
212	-1.87807D-02	1.78135D-02	5.0332[illegible]D-02	-3.92444D-04	5.29615D-03	7.98526D-04
213	-2.15833D-01	5.59147D-07	-2.86140D-02	-1.02724D-03	4.63772D-03	1.17776D-03
214	7.96754D-02	8.84126D-08	1.12338D-01	-6.61972D-04	7.24950D-05	-2.91711D-03
215	-2.09083D-02	2.67845D-02	4.01865D-02	1.14254D-03	-3.44013D-04	1.47410D-03
216	-1.76953D-02	2.06256D-02	3.75411D-02	9.63903D-04	-2.85042D-04	1.52928D-03
217	-1.78305D-02	5.54005D-02	3.94844D-02	1.09101D-03	4.62987D-05	1.74076D-03
218	5.97678D-03	8.61388D-02	1.02683D-06	1.75206D-04	9.06671D-04	2.68482D-04
219	1.34198D-03	0.71380D-02	3.42401D-02	-6.60272D-04	7.15201D-04	-2.81115D-04
220	7.73581D-04	8.71428D-02	3.55714D-02	-6.59519D-04	7.14000D-04	-2.82883D-04
221	5.55218D-04	8.55014D-02	3.18770D-02	-6.59505D-04	7.13733D-04	-2.82166D-04
222	2.01138D-04	8.71455D-02	3.68972D-02	-6.58593D-04	7.13055D-04	-2.85092D-04
223	-4.99109D-03	8.72172D-02	4.72990D-02	-6.09861D-04	6.82908D-04	-3.43202D-04
224	-5.68329D-03	8.72192D-02	4.85224D-02	-6.07749D-04	6.81963D-04	-3.44639D-04
225	-5.91141D-03	8.52529D-02	4.49930D-02	-6.07741D-04	6.81587D-04	-3.43926D-04
226	-6.37810D-03	8.72191D-02	4.97361D-02	-6.05586D-04	6.81376D-04	-3.46521D-04
227	-7.86298D-03	3.90535D-02	2.27915D-02	1.08539D-04	6.11627D-04	-9.66352D-04
228	-1.75262D-02	9.93533D-07	3.23185D-0[illegible]	8.25972D-04	-4.26433D-04	1.22455D-03
229	-1.15400D-02	-8.69202D-03	2.40781D-02	6.45133D-04	-4.81473D-04	8.49550D-04
230	-8.34823D-03	-8.69466D-03	2.16292D-02	5.93206D-04	-4.74182D-04	7.57411D-04
231	-5.74856D-07	-1.82806D-02	1.62629D-07	-1.59043D-04	-9.80227D-04	-6.65147D-04
232	2.67376D-03	-1.55291D-02	-1.68242D-02	3.92336D-04	-1.50456D-04	2.34462D-04
233	2.20259D-03	-1.55223D-02	-1.60324D-02	3.95538D-04	-1.48807D-04	2.33826D-04
234	1.45567D-03	-1.77350D-02	-1.61737D-02	3.95694D-04	-1.48801D-04	2.33833D-04
235	1.73258D-03	-1.55151D-02	-1.52324D-02	3.98532D-04	-1.47164D-04	2.33126D-04

236	1.83298D-09	-8.72647D-03	-3.81862D-09	6.28788D-05	-2.78005D-04	-7.84259D-05
237	-7.71659D-05	-8.72641D-03	-6.45971D-05	6.49206D-05	-2.76182D-04	-7.16779D-05
238	-4.82874D-04	-8.72629D-03	-4.62601D-04	6.72922D-05	-2.73831D-04	-6.21694D-05
239	-4.82966D-04	-8.34983D-03	-2.19173D-03	6.72922D-05	-2.74273D-04	-6.04831D-05
240	-8.36768D-04	-8.72464D-03	-8.72250D-04	6.96158D-05	-2.70383D-04	-5.45875D-05
241	2.64383D-04	-3.75380D-04	3.25477D-05	2.10136D-05	-1.56152D-05	-3.96359D-05
242	1.15142D-04	-4.41001D-04	-2.30483D-05	2.58225D-06	-4.34709D-06	-1.75166D-05
243	1.15541D-04	-2.54247D-04	-4.72995D-05	1.49114D-05	-1.75071D-06	-2.66106D-05
244	6.92743D-05	-2.55900D-04	1.27580D-06	-2.13114D-05	-5.81274D-06	5.40530D-06
245	3.41065D-05	-1.26424D-04	8.61486D-07	-1.86083D-05	-5.04362D-06	3.87926D-06
246	9.68481D-06	-1.26448D-04	-1.16583D-04	-1.86318D-05	-5.04362D-06	3.87731D-06
247	6.12088D-06	-2.28511D-05	4.68284D-07	-1.26299D-05	-3.41493D-06	2.35807D-06
248	5.50379D-05	-6.25655D-05	-1.44373D-06	5.41606D-06	4.92028D-06	-5.60784D-06
249	2.64333D-05	-3.04331D-05	-9.87796D-07	4.59998D-06	4.08057D-06	-4.04692D-06
250	5.20236D-05	-3.04388D-05	2.80431D-05	4.60564D-06	4.08057D-06	-4.05742D-06
251	4.42381D-06	-5.27598D-06	-5.36943D-07	3.07953D-06	2.70250D-06	-2.45998D-06
252	3.54138D-04	-1.43292D-02	-6.35028D-03	-8.95346D-04	-2.56994D-04	-9.78378D-07

M O D A L A N A L Y S I S

MODE NUMBER 26
FREQUENCY= 122.7447 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	3.81662D-04	-7.96780D-03	3.97451D-05	-5.67580D-05	-3.05002D-05	1.31679D-04
3	4.22902D-05	-8.18953D-03	6.51132D-04	1.10557D-04	-1.14119D-04	1.23289D-04
4	-2.27238D-03	-8.19320D-03	2.77069D-03	1.07525D-04	-1.39460D-04	1.34856D-04
5	-4.36434D-03	-7.07354D-03	4.54841D-03	1.41405D-05	-1.27880D-04	1.97612D-04
6	-4.22816D-03	-2.77933D-03	7.09713D-03	-7.60044D-05	-1.00901D-04	2.18171D-04
7	-2.18050D-03	6.30975D-03	1.08446D-02	-9.09245D-06	-4.67573D-05	2.31383D-04
8	-4.83893D-03	1.98880D-02	7.75098D-03	-3.89487D-05	9.81839D-05	-4.75037D-05
9	-1.45799D-02	1.27347D-03	-2.18682D-03	8.24385D-05	7.18727D-05	-2.07499D-04
10	-1.53203D-02	1.91429D-07	-2.97000D-03	1.25581D-04	3.20244D-05	-1.66080D-04
11	-2.90374D-03	1.04203D-02	1.48732D-04	-6.75755D-05	-1.31863D-04	-1.23125D-04
12	3.66468D-03	1.17118D-07	1.33683D-04	-1.70251D-04	-6.54650D-05	-1.09436D-04
13	4.62488D-03	-1.41111D-03	-5.43537D-04	-1.30415D-04	-1.93132D-05	-8.21489D-05
14	4.54752D-03	2.65559D-03	-2.05258D-03	5.53857D-05	-2.35632D-05	8.26715D-05
15	2.55651D-03	3.25085D-03	-2.05201D-03	-2.27886D-05	5.50234D-05	7.85550D-05
16	1.26838D-03	9.77119D-04	-7.91028D-04	-3.35043D-05	5.48415D-05	6.72908D-05
17	1.21955D-03	-2.33046D-03	2.61613D-03	-3.75711D-05	9.38061D-06	6.52513D-06
18	1.15696D-03	-2.05893D-03	2.56231D-03	-3.99743D-05	-1.54155D-05	-8.49369D-06
19	9.02336D-04	-1.44725D-03	2.31711D-03	-3.78306D-05	-2.19116D-05	-1.49832D-05
20	7.38840D-04	-9.28230D-04	1.94293D-03	-3.49880D-05	-2.47605D-05	-2.11176D-05
21	7.05225D-04	1.78534D-04	6.85629D-04	-2.18849D-05	-1.82299D-05	-1.18749D-05
22	5.10439D-04	5.20056D-05	1.68385D-04	-9.18674D-06	3.63952D-07	1.66184D-05
23	9.86896D-11	-3.30844D-11	1.88526D-11	-9.05401D-10	7.22129D-10	3.02160D-09
25	-7.02900D-04	-7.75523D-03	-8.32312D-04	-2.38977D-04	4.58115D-05	-2.88459D-05
26	-1.23273D-03	-2.13557D-02	-2.08301D-02	-1.10214D-03	2.76830D-04	-8.45330D-05
27	-2.37224D-04	-2.13351D-02	-3.32228D-02	-1.09280D-03	3.00847D-04	-7.14554D-05
28	-2.95090D-03	-1.49139D-02	-5.46179D-02	-5.18681D-04	-7.23734D-05	4.96670D-04
29	-2.92558D-03	-9.22384D-03	-5.38229D-02	-4.32597D-04	-1.04792D-04	5.06217D-04
30	-2.02560D-03	-1.93060D-02	3.02841D-03	-9.02327D-05	6.70012D-05	-1.16396D-04
31	3.03057D-03	-3.50190D-04	-6.89704D-07	3.07907D-05	-1.48744D-05	-7.25664D-05
32	5.98152D-04	4.99708D-04	-2.53126D-03	3.96968D-05	6.25084D-05	4.45801D-05
33	-8.67143D-04	1.46968D-03	-2.70591D-03	3.10241D-05	3.18632D-05	1.16930D-04
34	-1.80171D-03	-9.49082D-03	-1.84723D-03	9.11753D-05	-1.82929D-05	2.23445D-04
35	-1.33685D-03	-9.22848D-03	-2.01405D-03	1.28745D-04	-4.64615D-05	2.19355D-04
36	-5.23098D-03	4.47469D-03	7.66071D-03	-3.78752D-04	-2.95796D-05	5.05585D-04
37	-9.21538D-03	1.08251D-02	3.63586D-03	-1.67935D-04	2.42353D-04	4.84595D-04
38	-7.65208D-02	1.19411D-02	-1.22216D-02	-5.21069D-04	1.35953D-03	7.91204D-04
39	-6.74690D-02	-4.28567D-02	2.26087D-02	-4.97325D-04	-7.18580D-04	1.97286D-03
40	-2.93343D-02	-7.45724D-02	2.73752D-03	8.84021D-04	-2.60911D-03	5.26577D-03
41	8.19017D-03	-7.45539D-02	-3.25737D-03	8.65973D-04	-2.92383D-03	5.20430D-03
42	7.76458D-02	-6.14481D-02	-1.32141D-02	1.94711D-03	-3.08021D-03	3.81598D-03
43	1.28156D-01	-2.77627D-02	-1.30453D-02	2.07082D-03	-2.77593D-03	2.74617D-03
44	1.38426D-01	-1.93375D-02	-1.07083D-02	3.01331D-03	1.99907D-03	2.95647D-04
45	1.38497D-01	-1.41391D-02	-4.38692D-01	1.12478D-03	-2.76837D-03	2.94297D-04
46	1.38604D-01	-1.43868D-02	-4.41296D-01	1.10588D-03	9.16396D-04	2.26635D-04
47	1.21028D-01	-1.25979D-03	-3.46645D-01	-2.10151D-03	3.89436D-03	-7.73314D-04
48	1.03851D-01	-2.46776D-03	-3.18751D-01	-1.59380D-03	3.92348D-03	-1.28036D-03
49	-1.41608D-01	2.45552D-02	-8.90571D-02	-1.47925D-04	-9.10513D-04	2.12869D-04
50	-6.49300D-02	1.24286D-03	-7.18998D-02	-1.85555D-03	-4.67692D-03	1.31396D-03
51	-4.57004D-02	-3.06265D-05	-5.01903D-02	-1.97373D-03	-4.59011D-03	1.46023D-03

52	-7.10068D-04	-1.28076D-05	-6.90182D-04	-6.46614D-05	-3.35339D-04	6.98545D-05
53	-8.99211D-10	-1.06910D-10	-8.84235D-10	-9.05292D-09	-2.90614D-08	9.66793D-09
54	-5.82090D-02	-1.15002D-02	-1.82809D-01	-6.51239D-03	-4.62489D-03	-2.93466D-04
55	7.00549D-02	-2.57962D-01	-1.41349D-01	-7.36092D-03	-1.70641D-03	-1.31264D-03
56	2.19063D-02	-3.24005D-01	-9.02409D-02	-5.98709D-03	9.89161D-03	-2.70553D-03
57	1.49600D-01	-5.37184D-05	-4.97489D-01	-2.28650D-03	-5.46531D-03	-6.39064D-04
58	1.51201D-01	-4.39221D-03	-4.80597D-01	-3.74606D-03	9.14812D-04	-4.68021D-04
59	1.43973D-01	-2.23339D-03	-4.26556D-01	-2.57220D-03	3.26954D-03	-7.22835D-04
60	-1.02724D-02	1.26405D-03	1.03768D-03	1.64804D-04	3.88386D-05	-1.95714D-04
61	-6.77459D-03	2.38905D-03	4.22025D-03	1.20249D-04	-4.84595D-05	-2.85234D-04
62	-4.27924D-03	-3.16259D-04	5.30163D-03	3.56689D-05	-2.89232D-07	-1.90718D-04
63	-4.58128D-03	-1.06151D-03	4.58188D-03	1.15292D-04	9.05608D-05	-1.59316D-05
64	-4.57107D-03	1.40244D-04	-3.042 4D-03	1.03978D-04	9.78381D-05	1.55767D-05
65	-3.24583D-03	-4.70333D-04	-2.45018D-03	1.17217D-04	5.30066D-05	-1.46550D-04
66	1.41180D-03	-4.57966D-04	1.03078D-03	1.14354D-04	3.45179D-05	-1.54425D-04
67	3.12358D-03	-6.24083D-05	2.44102D-03	9.58759D-05	3.07417D-05	-1.28090D-04
68	-2.95914D-04	4.79424D-04	4.16828D-04	9.03580D-06	1.14766D-05	-1.62245D-05
69	-3.27525D-04	5.07023D-04	4.01137D-04	4.16549D-06	-1.46898D-06	-9.89975D-06
70	-2.13080D-04	5.66726D-04	3.90062D-04	1.44669D-06	1.89887D-07	2.24798D-05
71	-6.74351D-05	1.17568D-03	1.90596D-04	7.47185D-06	1.52069D-05	2.45215D-05
72	1.36558D-04	1.28342D-03	1.55659D-05	1.86467D-06	1.40410D-05	6.22628D-06
73	2.48761D-05	1.30318D-03	4.58169D-04	-4.53226D-06	8.45593D-06	-5.66962D-06
74	-1.18158D-04	1.07980D-03	3.50400D-04	1.20423D-06	6.07073D-06	-1.54439D-05
76	-2.08508D-04	-1.33812D-04	3.34361D-04	-7.20382D-07	-3.13388D-06	1.56543D-05
77	-2.04566D-04	-4.23908D-04	2.27506D-04	-2.50241D-06	-4.44719D-06	8.62175D-06
78	-2.78272D-05	-3.34410D-04	1.97862D-05	-6.33429D-06	-7.32293D-06	-8.57038D-06
79	4.50601D-05	-2.87948D-04	-2.61569D-04	9.34961D-06	4.51476D-07	3.23527D-06
80	2.20578D-06	-4.08722D-05	-7.47755D-07	3.45144D-06	7.75504D-08	6.02906D-07
82	-2.05274D-05	-1.34614D-04	-5.93289D-05	4.18955D-06	-3.62359D-06	-1.21425D-06
83	-9.13237D-06	-1.15225D-04	-6.23560D-05	4.36005D-06	-3.73139D-06	3.36970D-06
84	1.19287D-05	-2.69077D-05	-2.87542D-06	3.33150D-06	-3.26493D-06	3.81400D-06
85	2.75514D-05	-6.28675D-06	9.93182D-07	1.07338D-06	-2.65203D-06	2.85444D-07
86	1.82236D-06	-5.48314D-06	-8.69850D-07	-2.96782D-07	-1.29599D-07	-4.35793D-07
87	1.64135D-06	-6.05584D-06	-1.49191D-07	-4.87271D-07	-9.63124D-08	5.62597D-08
88	1.15315D-06	-3.80624D-06	2.32565D-08	-3.20448D-07	-9.18035D-08	2.77649D-08
90	1.50505D-06	-2.05003D-06	-4.14350D-07	-5.63852D-08	1.82318D-07	-2.85307D-07
91	8.07872D-07	-1.39760D-06	-4.88926D-08	8.93058D-08	7.65400D-08	-1.70443D-07
93	-1.26338D-04	-1.40497D-03	7.99860D-05	-5.78790D-05	3.59818D-06	5.32706D-05
94	-2.65314D-05	-6.00652D-03	1.21013D-04	-7.25699D-05	-1.46928D-05	1.12766D-04
95	-4.79468D-03	-4.51947D-03	6.04414D-03	-4.89600D-05	-1.03834D-04	2.07048D-04
96	-4.95913D-03	9.42839D-04	7.50500D-03	-3.14323D-04	-6.32644D-05	4.22735D-04
97	-3.69172D-03	-1.25366D-03	8.08464D-03	-6.59319D-05	-9.52771D-05	2.13364D-04
98	-3.29818D-03	2.22989D-07	8.80718D-03	-5.26860D-05	-8.83083D-05	2.19475D-04
99	-8.45027D-03	1.39270D-02	4.01665D-03	-6.95962D-05	1.34297D-04	-1.86546D-04
100	-1.11764D-02	8.38150D-03	1.19924D-03	-4.57066D-05	1.34125D-04	-2.30318D-04
101	-1.39082D-02	2.61941D-03	-1.51700D-03	3.80957D-05	9.39559D-05	-2.24679D-04
102	-1.50962D-02	3.65390D-04	-2.72865D-03	1.06538D-04	4.95936D-05	-1.84453D-04
103	-1.25696D-02	1.26922D-03	-9.31920D-04	1.32833D-04	5.66695D-05	-1.98908D-04
104	-1.78706D-03	9.67048D-03	1.33474D-04	-1.22656D-04	-1.14357D-04	-1.34146D-04
105	5.17059D-04	6.76771D-03	1.23540D-04	-1.56898D-04	-9.86324D-05	-1.40422D-04
106	4.53539D-03	6.46103D-03	-4.12127D-03	-1.66499D-04	-9.78249D-05	-1.49722D-04
107	2.37912D-03	3.20615D-03	1.28362D-04	-1.70642D-04	-8.24196D-05	-1.27783D-04
108	4.62403D-03	-7.79619D-04	-6.73285D-04	-1.20325D-04	-1.63930D-05	-7.98402D-05
109	4.44202D-03	-1.58108D-03	-6.56117D-04	-7.60006D-05	6.16643D-05	-3.64496D-06
110	4.20724D-03	-1.77757D-03	-6.48750D-04	-3.30571D-05	9.01084D-05	2.90101D-05
111	3.67408D-03	-1.76407D-03	-6.37077D-04	6.41980D-05	1.28673D-04	8.07140D-05
112	2.83367D-03	-1.16320D-03	-6.27875D-04	1.52938D-04	1.47585D-04	1.14025D-04
113	-1.55777D-03	-7.69510D-04	1.09174D-02	5.38016D-04	1.74401D-04	1.70861D-04
114	1.93678D-03	-4.53628D-04	-6.27943D-04	9.88600D-05	1.50605D-04	1.14614D-04
115	1.53780D-03	-2.58951D-04	-6.27988D-04	6.87281D-05	1.52361D-04	1.15118D-04

116	1.01921D-03	-1.02159D-04	-6.28040D-04	4.45172D-05	1.53833D-04	1.15767D-04
117	4.96777D-04	1.95835D-08	-6.28056D-04	3.63644D-05	1.54418D-04	1.15767D-04
118	1.34307D-03	-1.02155D-04	-7.56321D-04	5.24353D-05	1.49658D-04	1.29593D-04
119	-6.81006D-04	2.77441D-04	-6.28071D-04	3.63857D-05	1.54470D-04	1.15767D-04
120	2.09481D-03	-1.02146D-04	-1.06991D-03	6.24531D-05	1.41111D-04	1.46952D-04
121	2.31621D-03	5.89926D-05	-1.31761D-03	6.30224D-05	1.40478D-04	1.47925D-04
122	4.62294D-03	1.01062D-07	-8.19535D-04	-1.07755D-04	-1.41983D-05	-7.86597D-05
123	4.61992D-03	1.50177D-03	-1.05368D-03	-8.38736D-05	-1.09093D-05	-7.35302D-05
124	4.60670D-03	4.20850D-03	-1.43780D-03	-2.35408D-05	-6.89658D-06	-2.73583D-05
125	4.60294D-03	4.42334D-03	-1.50224D-03	-1.09715D-05	-7.02240D-06	-1.21331D-05
126	4.59640D-03	4.48074D-03	-1.65046D-03	4.61481D-06	-8.12159D-06	9.56604D-06
127	4.66403D-03	4.50549D-03	-1.60871D-03	1.74968D-06	-9.03557D-06	-1.30022D-06
128	4.57285D-03	3.82618D-03	-1.80670D-03	2.60286D-05	-1.14522D-05	4.54096D-05
129	4.56402D-03	3.48687D-03	-1.87088D-03	3.63899D-05	-1.49396D-05	5.98064D-05
130	4.07181D-03	1.84547D-03	-2.04652D-03	8.52103D-05	-4.79649D-05	1.09993D-04
131	4.69530D-03	3.16191D-03	-2.05305D-03	3.90125D-05	-5.96364D-06	8.20757D-05
132	1.26108D-03	7.69773D-08	9.86054D-06	-3.41581D-05	5.06526D-05	5.76868D-05
133	7.29532D-04	-5.79595D-04	1.56090D-03	-3.12956D-05	-2.43079D-05	-2.18220D-05
134	2.92421D-03	-1.17542D-07	-2.03678D-03	1.24147D-04	-6.96938D-05	1.52217D-04
135	1.74762D-03	-2.15953D-03	-2.02782D-03	1.46821D-04	-7.42438D-05	1.89473D-04
136	1.59469D-04	-5.42456D-03	-2.01788D-03	1.50199D-04	-6.61060D-05	2.20272D-04
137	-6.26830D-03	-6.07427D-03	2.04891D-03	1.55814D-04	-6.66907D-05	2.35718D-04
138	-1.04870D-03	-8.42878D-03	-2.01513D-03	1.35793D-04	-5.20624D-05	2.19656D-04
139	-1.91914D-03	-5.02059D-03	-1.70449D-03	4.78232D-05	7.35474D-06	2.03310D-04
140	-1.27936D-03	-2.07064D-08	-2.30965D-03	2.94346D-05	2.65522D-05	1.49660D-04
141	-1.03192D-03	9.48545D-04	-2.54759D-03	3.05972D-05	2.93962D-05	1.30676D-04
142	-9.88340D-04	2.16041D-03	-2.57405D-03	8.00228D-05	-2.92383D-05	1.04054D-04
143	-8.84831D-04	2.55191D-03	-2.50053D-03	4.82867D-05	-5.16693D-05	3.97326D-05
144	-6.28565D-04	2.56389D-03	-2.29173D-03	-6.67947D-05	-8.37030D-05	-1.26954D-04
145	-2.13293D-04	1.26982D-03	-1.91384D-03	-1.98804D-04	-1.01137D-04	-2.92212D-04
146	2.26955D-02	4.99881D-04	-2.11039D-02	-9.43532D-04	-1.37556D-04	-1.09397D-03
147	2.14604D-04	-1.02929D-04	-1.48600D-03	-6.78386D-05	-1.00725D-04	-1.61591D-04
148	4.01258D-04	-3.07093D-04	-1.29945D-03	5.47664D-06	-1.00533D-04	-8.85729D-05
149	6.40842D-04	-2.47629D-04	-1.05998D-03	6.48351D-05	-1.00412D-04	-2.95960D-05
150	8.80375D-04	-6.65182D-08	-8.20491D-04	8.44874D-05	-1.00434D-04	-9.94369D-06
151	5.67486D-04	-2.47642D-04	-1.24625D-03	7.59530D-05	-9.86741D-05	-2.66152D-05
152	1.42223D-03	4.02080D-04	-2.78680D-04	8.45092D-05	-1.00496D-04	-9.92187D-06
153	4.36087D-04	-2.47665D-04	-1.69865D-03	8.98046D-05	-9.51162D-05	-2.29856D-05
154	5.18197D-04	-1.25249D-04	-1.88269D-03	9.05708D-05	-9.48527D-05	-2.27920D-05
155	1.01599D-03	1.31921D-09	-2.10786D-03	4.18183D-05	6.27422D-05	2.87067D-05
156	2.55639D-03	-1.05918D-03	-5.41154D-04	4.64935D-05	3.71715D-05	-4.45950D-05
157	2.99917D-03	-9.01036D-04	-7.75616D-05	4.62926D-05	1.90786D-05	-6.92767D-05
158	5.22743D-03	-1.11363D-03	1.21239D-03	4.92716D-05	1.96349D-05	-8.16098D-05
159	3.08885D-03	-4.80202D-04	3.66354D-05	3.78784D-05	-4.81211D-07	-7.13522D-05
160	2.77816D-03	1.97144D-08	-2.13732D-04	1.68449D-05	-4.07944D-05	-7.43034D-05
161	-1.29863D-03	4.11321D-03	-4.95050D-03	-3.23186D-05	-8.26467D-05	-1.89645D-05
162	-2.94282D-03	-1.19588D-07	-7.04890D-03	4.40426D-06	1.74970D-05	1.72298D-04
163	-2.83856D-03	-3.18394D-03	-6.59016D-03	1.42155D-05	2.75137D-05	2.09967D-04
164	-2.78532D-03	-5.71747D-03	-6.29359D-03	1.67279D-05	3.25992D-05	2.23605D-04
165	-2.23252D-03	-1.87889D-02	-2.64465D-03	-1.70668D-05	8.40782D-05	1.30964D-04
166	-7.10668D-02	1.19244D-02	-8.65775D-0[illegible]	-5.01898D-04	1.34741D-03	7.80348D-04
167	-8.48278D-02	1.16829D-02	-1.70351D-02	-5.28109D-04	1.35900D-03	8.25898D-04
168	-7.41855D-02	6.82772D-03	-1.46633D-03	-5.32940D-04	1.35913D-03	7.59580D-04
169	-7.03739D-02	1.95210D-04	1.49582D-02	-6.09001D-04	1.05828D-03	6.30412D-04
170	-6.65269D-02	-2.49342D-02	2.86064D-02	-5.84987D-04	-2.85090D-04	1.37650D-03
171	-6.30840D-02	-2.49390D-02	3.13196D-02	-1.00468D-03	-2.85090D-04	7.73818D-04
172	-6.15298D-02	-2.49428D-02	3.43879D-02	-1.23886D-03	-2.85090D-04	4.39502D-04
173	-5.94357D-02	-2.49446D-02	4.08487D-02	-1.26795D-03	-2.85090D-04	3.98563D-04
174	-5.68224D-02	-2.49450D-02	4.94744D-02	-1.28199D-03	-2.85090D-04	3.82439D-04
175	-6.68634D-02	-3.29024D-02	2.62445D-02	-5.44272D-04	-5.03454D-04	1.65998D-03

176	-1.30990D-02	-7.45649D-02	2.57285D-07	8.72695D-04	-2.74399D-03	5.26439D-03
177	1.38910D-01	-8.53631D-08	1.12526D-01	2.50218D-03	1.54804D-03	-4.97432D-04
178	1.39014D-01	8.59267D-03	-4.48318D-07	1.80457D-03	-5.48980D-03	2.00819D-04
179	-5.35662D-02	-8.39656D-09	1.82024D-01	-3.56210D-05	5.06111D-03	-6.59893D-05
180	6.68264D-03	-5.38832D-03	-2.13519D-02	-1.38919D-03	-6.67922D-03	-4.19648D-04
181	2.70308D-02	-5.30285D-03	-8.83975D-02	-1.48796D-03	-7.03821D-03	-4.76817D-04
182	1.56972D-01	-1.40664D-03	-4.72128D-01	-2.53988D-03	2.73686D-03	-7.25850D-04
183	1.51424D-01	-1.75766D-03	-4.52604D-01	-2.55435D-03	2.99506D-03	-7.24901D-04
184	1.48319D-01	-2.25362D-03	-4.49519D-01	-3.26021D-03	2.17225D-03	-5.50260D-04
185	1.35608D-01	-2.34434D-03	-3.97303D-01	-2.38760D-03	3.62284D-03	-7.48498D-04
186	-9.71061D-02	2.91082D-03	-1.32471D-01	-4.29711D-04	2.35921D-03	-9.87112D-04
187	-1.13755D-01	6.71654D-03	-1.16510D-01	-3.18691D-04	1.95812D-03	-9.09651D-04
188	-1.26871D-01	1.05327D-02	-1.04615D-01	-2.22981D-04	1.57781D-03	-8.29528D-04
189	-5.52907D-02	5.48051D-04	-6.11397D-02	-1.91339D-03	-4.64610D-03	1.38741D-03
190	-2.33179D-03	-2.88381D-08	-1.11357D-07	-1.98501D-04	-1.91711D-04	-2.53501D-04
191	-2.87330D-03	-4.93510D-07	-5.19440D-02	-4.10042D-04	-1.64168D-04	4.36185D-04
192	-2.89284D-03	-3.27369D-03	-5.27805D-02	-4.18419D-04	-1.35443D-04	4.75955D-04
193	-8.27572D-03	-9.40877D-03	-5.43344D-02	2.17078D-04	-4.63350D-04	6.07110D-04
194	-1.51704D-04	-4.41755D-03	-5.25291D-04	-1.67940D-04	2.76399D-05	-1.59004D-05
195	1.60010D-04	-4.60899D-04	-1.60613D-04	-4.71351D-05	5.55693D-07	1.08438D-06
196	-6.01861D-02	-1.14675D-02	-1.38236D-01	-6.27994D-03	-4.57960D-03	-2.65530D-04
197	-5.39340D-02	-1.39235D-02	-2.48904D-01	-6.61491D-03	-4.62296D-03	-2.71359D-04
198	-2.13073D-02	-6.42757D-02	-1.71368D-01	-6.61767D-03	-4.62495D-03	-3.63947D-04
199	-5.07493D-03	-3.15175D-01	-1.55274D-03	-5.72796D-03	9.70441D-03	-3.00529D-03
200	-5.12178D-02	-2.86080D-01	1.50334D-01	-5.16691D-03	7.62661D-03	-3.74460D-03
201	-6.53574D-02	-2.86106D-01	1.69286D-01	-6.16104D-03	7.81495D-03	-4.58376D-03
202	-7.51740D-02	-2.86121D-01	1.82535D-01	-6.60731D-03	7.93227D-03	-4.78899D-03
203	-1.03549D-01	-2.76862D-01	2.40980D-01	-7.32048D-03	7.78956D-03	-4.46564D-03
204	-1.19417D-01	-2.59625D-01	2.92672D-01	-7.34740D-03	5.74100D-03	-5.04352D-03
205	-1.28925D-01	-2.39578D-01	3.23620D-01	-7.47552D-03	4.43551D-03	-5.20485D-03
206	-8.47356D-02	-2.39482D-01	2.60979D-01	-4.58116D-03	4.62816D-03	-4.42211D-03
207	-9.52296D-02	-1.17931D-01	2.97317D-01	-3.78784D-03	-2.84118D-03	-4.09490D-03
208	1.40696D-01	6.49593D-08	-4.68651D-01	-2.37854D-03	-6.18792D-03	-7.34514D-04
209	-5.88372D-03	2.25794D-03	4.63246D-03	1.04482D-04	-4.67875D-05	-2.87310D-04
210	-5.49268D-03	2.15186D-03	4.79655D-03	1.03822D-04	-4.51431D-05	-2.87144D-04
211	6.82503D-04	1.90811D-03	7.23907D-03	1.11752D-04	-4.54073D-05	-2.87822D-04
212	-5.12812D-03	2.01118D-03	4.94492D-03	9.71691D-05	-4.29002D-05	-2.85177D-04
213	-4.29700D-03	5.07038D-08	5.29336D-03	3.53980D-05	-5.62490D-06	-2.09934D-04
214	3.04831D-03	-1.53706D-08	2.39682D-03	9.38874D-05	3.05845D-06	-1.26319D-04
215	-2.28949D-04	5.59648D-04	3.92749D-04	1.15058D-06	-1.79012D-06	1.47860D-05
216	-2.11676D-04	3.20189D-04	3.84669D-04	7.69483D-07	-1.00476D-06	2.23668D-05
217	-2.13217D-04	8.18227D-04	3.65128D-04	2.61038D-06	2.39470D-06	2.43372D-05
218	1.70679D-04	1.28502D-03	1.11120D-08	9.54122D-07	1.37233D-05	5.27049D-06
219	1.66255D-04	1.30172D-03	3.14755D-04	-5.46419D-06	9.48726D-06	-4.10593D-06
220	1.57933D-04	1.30180D-03	3.25771D-04	-5.45022D-06	9.46069D-06	-4.14383D-06
221	1.54949D-04	1.27866D-03	2.75922D-04	-5.44990D-06	9.45815D-06	-4.13225D-06
222	1.49509D-04	1.30185D-03	3.36722D-04	-5.43487D-06	9.43655D-06	-4.18866D-06
223	6.96041D-05	1.30313D-03	4.20603D-04	-4.78482D-06	8.66677D-06	-5.35415D-06
224	5.87698D-05	1.30316D-03	4.30195D-04	-4.75958D-06	8.64262D-06	-5.38237D-06
225	5.56257D-05	1.27344D-03	3.84647D-04	-4.75931D-06	8.63914D-06	-5.37088D-06
226	4.78652D-05	1.30317D-03	4.39685D-04	-4.73410D-06	8.62181D-06	-5.41709D-06
227	-5.77687D-05	5.72959D-04	1.73332D-04	2.15678D-06	4.83523D-06	-1.40405D-05
228	-2.09682D-04	2.08081D-08	3.58270D-04	-1.74414D-07	-2.44117D-06	1.87404D-05
229	-1.17476D-04	-1.33896D-04	3.38462D-04	-3.75054D-07	-3.16198D-06	1.30865D-05
230	-6.84108D-05	-1.33946D-04	3.39576D-04	-3.30258D-08	-3.17961D-06	1.15974D-05
231	-6.80848D-09	-3.34014D-04	1.61939D-09	-6.34547D-06	-7.23352D-06	-8.31457D-06
232	7.35387D-05	-2.89233D-04	-3.39516D-04	8.78763D-06	2.92126D-07	3.29929D-06
233	6.68951D-05	-2.89119D-04	-3.21782D-04	8.84677D-06	3.07082D-07	3.29597D-06
234	6.94413D-05	-3.38113D-04	-3.24032D-04	8.84996D-06	3.07573D-07	3.29614D-06
235	6.02503D-05	-2.88997D-04	-3.03892D-04	8.90125D-06	3.21568D-07	3.29150D-06

236	3.64390D-11	-1.34651D-04	-8.01910D-12	4.28381D-06	-3.65398D-06	-1.71869D-06
237	-1.69241D-06	-1.34652D-04	-4.29242D-06	4.26648D-06	-3.65839D-06	-1.60409D-06
238	-1.08992D-05	-1.34652D-04	-2.98386D-05	4.23759D-06	-3.66407D-06	-1.44446D-06
239	-1.09014D-05	-1.25798D-04	-5.30260D-05	4.23759D-06	-3.67558D-06	-1.41718D-06
240	-1.92368D-05	-1.34628D-04	-5.51456D-05	4.20801D-06	-3.64127D-06	-1.31879D-06
241	4.03988D-06	-5.55261D-06	-2.26616D-06	-3.34302D-07	-3.46370D-07	-5.78603D-07
242	1.80715D-06	-6.73613D-06	-4.80087D-07	-3.53980D-07	-1.03153D-07	-2.95777D-07
243	1.81596D-06	-3.54854D-06	-1.01846D-06	-1.71637D-07	-3.21839D-08	-4.30202D-07
244	1.04383D-06	-3.43967D-06	1.94927D-08	-3.00547D-07	-8.81657D-08	2.26890D-08
245	5.12815D-07	-1.66674D-06	1.31721D-08	-2.53601D-07	-7.61349D-08	1.61401D-08
246	4.11933D-07	-1.66708D-06	-1.58762D-06	-2.53945D-07	-7.61349D-08	1.60513D-08
247	9.14711D-08	-2.85837D-07	7.16003D-09	-1.69202D-07	-5.14437D-08	9.81100D-09
248	7.27235D-07	-1.27300D-06	-4.11671D-08	9.49227D-08	6.83751D-08	-1.40140D-07
249	3.41777D-07	-6.54676D-07	-2.81934D-08	8.98450D-08	5.47375D-08	-1.01043D-07
250	9.80263D-07	-6.54810D-07	5.38892D-07	8.99628D-08	5.47375D-08	-1.01255D-07
251	5.35144D-08	-1.30479D-07	-1.53253D-08	6.32826D-08	3.55859D-08	-6.14206D-08
252	2.09276D-02	-1.30781D-01	-1.57706D-01	-7.09932D-03	-3.95964D-03	-7.73995D-04

M O D A L A N A L Y S I S

MODE NUMBER 27
FREQUENCY= 23.0136 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.40782D-02	-4.17030D-02	-6.22282D-03	-4.18085D-04	-3.72391D-04	4.35558D-04
3	2.30785D-02	-4.58183D-02	-7.64441D-03	2.30827D-04	-3.29024D-04	5.54106D-04
4	1.27996D-02	-4.58243D-02	-2.99231D-03	2.57194D-04	-3.49809D-04	5.89672D-04
5	3.36365D-03	-4.09456D-02	3.11685D-03	2.69933D-04	-3.31448D-04	8.14318D-04
6	1.32342D-03	-1.76331D-02	1.08589D-02	1.91527D-04	-2.19100D-04	9.13180D-04
7	5.01829D-03	2.50757D-02	1.77733D-02	-1.51433D-04	-5.15404D-05	8.42432D-04
8	-5.15298D-03	4.05571D-02	5.49369D-03	-1.04420D-03	2.09776D-04	4.33504D-04
9	-1.11617D-02	-6.38046D-03	-5.10855D-04	-8.60869D-04	-3.15129D-04	1.02809D-03
10	-6.20644D-03	1.06521D-06	4.72142D-03	-2.98619D-04	-4.09731D-04	1.24001D-03
11	7.43445D-03	9.98479D-02	1.98187D-02	-8.62334D-04	3.27168D-04	3.14691D-04
12	-1.89809D-02	3.36874D-06	2.02299D-02	-1.48617D-03	3.93981D-04	-3.25617D-04
13	-2.70322D-02	-1.28688D-02	2.71839D-02	-1.12636D-03	1.29506D-04	-6.69487D-04
14	-2.68109D-02	-9.72737D-03	3.47152D-03	-3.08073D-04	1.64595D-04	4.46672D-05
15	-1.94505D-02	-9.40547D-03	3.44829D-03	1.94507D-04	-2.59189D-04	-8.49450D-05
16	-1.30467D-02	-1.57963D-03	-2.99758D-03	2.62823D-04	-2.91558D-04	-1.06622D-04
17	-1.27549D-02	-1.04965D-03	-2.21454D-02	2.65633D-04	-4.21382D-05	5.13697D-05
18	-1.22128D-02	-3.46566D-03	-2.14845D-02	2.62510D-04	1.25047D-04	4.26047D-05
19	-1.02475D-02	-6.99804D-03	-1.95807D-02	2.56376D-04	1.70735D-04	2.97031D-05
20	-8.99276D-03	-8.70553D-03	-1.66681D-02	2.33086D-04	1.95983D-04	-1.31734D-05
21	-8.76476D-03	-5.42372D-03	-6.48622D-03	1.75318D-04	1.51826D-04	-1.21167D-04
22	-4.82907D-03	-6.38018D-04	-1.80794D-03	9.02009D-05	1.90642D-05	-1.99851D-04
23	-6.95769D-10	2.75175D-11	-1.61314D-10	1.02781D-08	-4.13326D-09	-2.81128D-08
25	8.64107D-04	2.95409D-05	3.37781D-04	3.39122D-05	-7.12806D-06	-3.72746D-05
26	9.04227D-04	2.12383D-03	3.73395D-03	2.21799D-04	2.04021D-05	-8.96126D-06
27	1.00593D-03	2.12019D-03	6.23065D-03	2.25505D-04	2.57335D-05	-1.07213D-05
28	1.60148D-03	1.27693D-03	9.60590D-03	1.92489D-04	1.15843D-04	-4.51812D-05
29	1.59956D-03	7.62775D-04	8.29368D-03	1.89754D-04	1.24651D-04	-4.35616D-05
30	1.48587D-03	4.99206D-03	2.80836D-02	1.77550D-04	-2.42577D-04	3.23946D-05
31	-1.00295D-02	9.07220D-04	-6.54832D-03	2.70155D-04	-2.37579D-04	-1.59464D-04
32	7.96956D-03	-2.09310D-03	1.13766D-02	1.51418D-06	-3.01539D-04	-3.43755D-04
33	1.72621D-02	-4.90881D-03	1.14041D-02	-1.33099D-04	-2.88711D-04	-4.63364D-04
34	2.68446D-02	3.39843D-02	1.77093D-03	-3.03929D-04	1.82510D-04	-7.50904D-04
35	2.19936D-02	3.29262D-02	3.43694D-03	-4.53196D-04	4.54171D-04	-7.07748D-04
36	-1.87980D-03	-1.63840D-02	1.26090D-02	3.45264D-04	-2.44169D-04	6.57518D-04
37	-7.23676D-03	-1.74648D-02	1.64983D-02	1.36024D-04	-7.23823D-05	2.71758D-04
38	-1.44255D-02	-1.79955D-02	3.65003D-03	-1.57396D-04	-3.08168D-05	-3.98866D-05
39	-1.40253D-02	-1.34145D-02	3.93372D-03	1.66435D-04	4.99556D-05	8.87672D-05
40	-9.23287D-03	-1.71452D-02	1.35915D-03	4.42340D-04	2.95573D-05	5.67307D-04
41	-5.28393D-03	-1.71462D-02	-1.84194D-03	4.59654D-04	3.97720D-05	5.36685D-04
42	-2.77415D-03	-1.24849D-02	-6.37259D-03	5.26212D-04	1.61567D-04	2.90217D-04
43	-5.38098D-03	-3.83643D-03	-6.38641D-03	5.22274D-04	1.43416D-04	2.15316D-04
44	-5.96842D-03	-2.74848D-04	-6.36905D-03	5.58406D-04	-6.89764D-05	5.29937D-05
45	-5.96605D-03	2.44808D-04	1.89353D-02	3.01239D-04	8.68721D-05	5.59470D-05
46	-5.95493D-03	1.98902D-04	1.89473D-02	2.96134D-04	-8.22088D-05	6.81089D-05
47	-1.06150D-03	9.41369D-04	3.04607D-03	-4.24480D-05	-3.99024D-05	-3.05422D-05
48	-8.96664D-04	9.64874D-04	2.77697D-03	-4.16174D-05	-3.59904D-05	-3.02927D-05
49	1.31802D-03	4.89843D-04	7.14740D-04	-1.64107D-05	6.85235D-06	-3.24301D-05
50	6.82881D-04	3.37786D-04	5.68635D-04	5.65688D-06	3.96846D-05	-3.29400D-05
51	5.19817D-04	2.13261D-04	3.84603D-04	6.68721D-06	3.90609D-05	-3.32202D-05

52	6.95667D-06	5.72966D-08	5.22554D-06	4.18422D-07	2.63840D-06	-1.09813D-06
53	7.50493D-12	4.78277D-13	6.91913D-12	6.09755D-11	2.28650D-10	-1.38722D-10
54	-3.15638D-04	7.09476D-04	1.52453D-03	-3.06908D-04	8.83766D-06	-7.41809D-06
55	-2.94465D-04	-1.07668D-02	1.53725D-03	-3.44470D-04	-1.47012D-05	-5.14132D-05
56	2.54951D-04	-1.39390D-02	1.07887D-03	-2.83071D-04	-1.01690D-04	-1.12344D-04
57	1.48124D-05	1.92052D-04	1.83365D-03	-1.28510D-04	9.27260D-05	-7.73707D-05
58	-6.81523D-04	5.32425D-04	3.05363D-03	-5.81367D-05	-4.11621D-06	-4.39641D-05
59	-1.30501D-03	5.71549D-04	3.88354D-03	-4.44941D-05	-3.65051D-05	-3.07659D-05
60	-3.45736D-02	-6.34626D-03	-2.97916D-02	-1.46919D-03	-6.07779D-04	1.12801D-03
61	-4.07322D-02	-1.72566D-02	-4.93191D-02	-7.32835D-04	-1.71084D-03	1.60570D-03
62	1.27118D-01	2.30976D-03	1.76803D-02	2.09027D-05	-1.96638D-03	7.57780D-04
63	1.35429D-01	2.89575D-03	1.96367D-02	-3.12804D-04	1.27210D-03	-4.95977D-04
64	1.35572D-01	-4.37260D-02	-1.13930D-01	3.98516D-04	1.89971D-03	-3.29723D-04
65	1.08548D-01	-3.05784D-02	-1.22072D-01	1.40598D-03	9.95444D-04	2.92815D-03
66	1.53990D-02	-3.06459D-02	-7.76864D-02	1.46651D-03	8.20617D-04	3.11507D-03
67	-3.04931D-02	-3.01848D-03	-6.29541D-02	2.30015D-04	-1.28424D-04	1.66453D-03
68	2.98571D-02	2.45273D-02	-2.55795D-02	-5.80158D-04	-1.68135D-04	-1.27343D-04
69	2.86844D-02	1.84680D-02	-2.55514D-02	-8.56087D-04	3.95244D-04	-2.86675D-04
70	1.18727D-02	-1.58867D-02	-2.49499D-02	-7.77356D-04	1.92279D-04	-6.94331D-04
71	7.69662D-03	-3.40228D-02	-1.48890D-02	-9.56745D-04	-6.48293D-04	-6.88801D-04
72	2.28002D-03	-3.69625D-02	-1.76508D-03	-2.65048D-04	-4.93397D-04	-1.40692D-04
73	6.03787D-03	-3.75302D-02	-2.68310D-02	3.50026D-04	-3.55469D-04	1.21207D-04
74	8.25962D-03	-3.22312D-02	-2.36809D-02	3.29340D-05	-3.75572D-04	4.65583D-04
76	1.15985D-02	3.76874D-03	-1.57199D-02	-5.83971D-04	3.54876D-04	-4.34315D-04
77	1.13636D-02	1.15686D-02	-5.32225D-03	-4.40164D-04	4.11991D-04	-2.05606D-04
78	1.50646D-03	5.55711D-03	6.54800D-05	-3.72656D-05	6.04958D-04	4.59728D-04
79	-9.75057D-04	4.64350D-03	3.79363D-03	-1.00144D-04	6.02792D-05	-1.57584D-04
80	-3.26950D-05	7.34291D-04	8.48893D-06	-5.95877D-05	5.65230D-06	-3.21550D-05
82	-1.65474D-04	3.79764D-03	-3.24609D-04	1.93063D-05	1.60399D-04	-1.69475D-05
83	-7.55951D-04	3.24514D-03	-9.72414D-04	-6.31074D-05	1.05453D-04	-1.16767D-04
84	-1.31551D-03	7.52414D-04	-2.55403D-03	-8.13112D-05	8.43342D-05	-1.11720D-04
85	-1.67925D-03	1.78953D-04	-2.48423D-03	-7.16374D-05	4.90007D-05	9.56205D-06
86	-5.86215D-05	1.56088D-04	1.23217D-05	-1.85940D-05	2.39319D-06	1.67717D-05
87	-5.49834D-05	2.05094D-04	3.64844D-06	2.25065D-06	2.17770D-06	-3.78093D-06
88	-4.03712D-05	1.48951D-04	-8.98097D-07	1.10411D-05	3.12959D-06	-4.15597D-06
90	-5.24696D-05	2.56802D-05	8.53339D-06	-1.00185D-05	-3.76411D-06	5.94408D-06
91	-3.40114D-05	-7.93921D-07	4.25773D-07	-6.24623D-07	-2.84708D-06	1.48768D-06
93	3.54446D-03	-6.96002D-03	-8.75232D-04	-3.13655D-04	-1.93476D-04	1.88938D-04
94	1.70259D-02	-3.08107D-02	-4.37797D-03	-4.56114D-04	-3.46434D-04	3.81444D-04
95	9.81119D-05	-2.76243D-02	8.56813D-03	2.22980D-04	-2.33284D-04	9.03882D-04
96	-5.94998D-04	-1.64330D-02	1.19046D-02	3.16268D-04	-2.38040D-04	7.40320D-04
97	2.43976D-03	-7.63812D-03	1.29423D-02	1.33454D-04	-1.94606D-04	9.25283D-04
98	3.21122D-03	-1.01458D-07	1.43826D-02	8.07298D-05	-1.70410D-04	9.21482D-04
99	-1.12916D-02	1.68106D-02	-6.83247D-04	-1.20244D-03	1.65136D-04	4.33684D-04
100	-1.39595D-02	2.56010D-03	-3.38771D-03	-1.16145D-03	5.76124D-05	5.73567D-04
101	-1.30246D-02	-6.39717D-03	-2.39191D-03	-9.65977D-04	-1.96851D-04	8.83284D-04
102	-8.27270D-03	-3.65869D-03	2.54794D-03	-5.24199D-04	-3.82872D-04	1.15066D-03
103	-2.16749D-02	-6.36517D-03	-1.23033D-02	-1.23113D-03	-4.49815D-04	1.06654D-03
104	4.33927D-03	9.13128D-02	1.99012D-02	-1.25169D-03	3.73279D-04	1.42976D-04
105	-3.78927D-03	6.27108D-02	1.99534D-02	-1.49221D-03	3.88620D-04	4.51863D-05
106	-5.70666D-03	6.31658D-02	-2.23339D-02	-1.54548D-03	3.93100D-04	7.14704D-05
107	-1.19517D-02	2.91081D-02	2.00861D-02	-1.58044D-03	3.89745D-04	-1.06064D-04
108	-2.70417D-02	-7.17158D-03	2.81874D-02	-1.11538D-03	4.37069D-05	-6.49490D-04
109	-2.69951D-02	-2.86258D-02	2.93974D-02	-2.51676D-03	8.68250D-05	-9.09743D-04
110	-2.72949D-02	-3.68504D-02	2.99156D-02	-1.28475D-03	2.11319D-04	-1.02128D-03
111	-2.88062D-02	-3.76305D-02	3.07355D-02	2.91221D-03	5.40601D-04	-1.19788D-03
112	-3.28116D-02	-9.91747D-03	3.13812D-02	7.62217D-03	8.71971D-04	-1.31166D-03
113	2.61453D-03	3.30417D-02	7.38099D-01	3.44540D-02	2.50199D-03	-1.47967D-03
114	-3.70426D-02	1.70928D-02	3.13847D-02	2.74613D-03	6.10845D-04	-1.32870D-03
115	-3.83325D-02	1.84579D-02	3.13870D-02	1.63453D-05	4.64239D-04	-1.34332D-03

116	-3.95331D-02	1.17137D-02	3.13896D-02	-2.19365D-03	3.45844D-04	-1.36212D-03
117	-4.04560D-02	1.75138D-06	3.13905D-02	-2.92673D-03	3.06465D-04	-1.36212D-03
118	-4.36872D-02	1.17142D-02	3.77160D-02	-2.58652D-03	4.66940D-04	-1.76256D-03
119	-4.28153D-02	-2.23263D-02	3.13912D-02	-2.92848D-03	3.09829D-04	-1.36212D-03
120	-5.47586D-02	1.17149D-02	5.31795D-02	-3.07611D-03	7.14898D-04	-2.26535D-03
121	-6.56358D-02	3.78046D-03	6.53770D-02	-3.10317D-03	7.33263D-04	-2.29358D-03
122	-2.70580D-02	-3.45108D-06	2.77557D-02	-1.06481D-03	-6.17012D-05	-5.51962D-04
123	-2.70832D-02	7.70134D-03	2.48237D-02	-9.68731D-04	-2.03852D-04	-2.86801D-04
124	-2.71134D-02	8.05695D-03	1.07844D-02	-7.26009D-04	-2.66965D-04	2.04790D-04
125	-2.71136D-02	5.52687D-03	8.10264D-03	-6.75442D-04	-2.23504D-04	2.73787D-04
126	-2.71113D-02	-1.13677D-03	3.94884D-03	-6.12738D-04	-1.29869D-04	3.35556D-04
127	-3.83659D-02	-2.59819D-03	-1.33437D-02	-6.45087D-04	-1.22172D-04	4.27067D-04
128	-2.69665D-02	-7.23167D-03	2.31726D-03	-4.84238D-04	-1.36628D-05	2.25618D-04
129	-2.69123D-02	-8.46242D-03	2.38057D-03	-4.22062D-04	4.72950D-05	1.64770D-04
130	-2.34279D-02	-6.34664D-03	3.46029D-03	-3.45654D-04	3.52914D-04	-9.98221D-05
131	-2.80649D-02	-1.24041D-02	3.46912D-03	-1.98501D-04	7.40296D-05	2.59075D-05
132	-1.30057D-02	-4.97368D-07	-7.30001D-03	2.63275D-04	-2.77285D-04	-7.34148D-05
133	-8.93056D-03	-8.36508D-03	-1.36250D-02	2.16807D-04	1.94897D-04	-3.76951D-05
134	-1.48799D-02	1.22728D-06	3.44229D-03	-4.44143D-04	5.39926D-04	-3.23124D-04
135	-5.60409D-03	7.71144D-03	3.42578D-03	-5.25798D-04	6.07458D-04	-5.20155D-04
136	7.66459D-03	1.94104D-02	3.40747D-03	-5.40680D-04	5.81413D-04	-6.83037D-04
137	2.88658D-02	2.16145D-02	-1.09342D-02	-5.69827D-04	5.83956D-04	-7.54954D-04
138	1.90880D-02	3.01116D-02	3.42900D-03	-4.81100D-04	4.98125D-04	-6.99643D-04
139	2.79183D-02	1.81264D-02	7.47389D-04	-1.57789D-04	-8.93277D-05	-7.19563D-04
140	2.11945D-02	7.23053D-07	7.48034D-03	-1.28115D-04	-2.60488D-04	-5.47850D-04
141	1.88983D-02	-3.07229D-03	9.77120D-03	-1.34883D-04	-2.77916D-04	-4.91264D-04
142	1.91953D-02	-4.78828D-03	1.00290D-02	-1.52864D-04	1.19574D-04	-1.36114D-05
143	1.87716D-02	-4.93858D-03	9.58870D-03	-1.97051D-04	2.55620D-04	1.54572D-04
144	1.75731D-02	-4.77078D-03	8.36398D-03	-3.12072D-04	4.27443D-04	3.75882D-04
145	1.55642D-02	-4.41515D-03	6.33457D-03	-4.26567D-04	4.98396D-04	4.78077D-04
146	6.30361D-03	-5.42645D-03	-1.61251D-02	-1.01822D-03	4.87160D-04	2.50571D-04
147	1.33335D-02	-3.52668D-03	4.10231D-03	-3.06119D-04	5.41800D-04	6.04982D-04
148	1.22913D-02	-2.76251D-03	3.05951D-03	-2.39143D-04	5.66421D-04	6.77498D-04
149	1.08968D-02	-1.47155D-03	1.66421D-03	-1.85583D-04	5.86526D-04	7.38178D-04
150	9.46746D-03	-6.20134D-08	2.34626D-04	-1.67093D-04	5.93619D-04	7.56668D-04
151	1.30234D-02	-1.47157D-03	2.18168D-03	-2.06567D-04	5.54091D-04	8.68949D-04
152	6.26765D-03	3.18060D-03	-2.96541D-03	-1.66916D-04	5.93436D-04	7.56845D-04
153	1.82160D-02	-1.47158D-03	3.37565D-03	-2.32882D-04	4.87676D-04	1.03320D-03
154	2.14364D-02	-1.05380D-05	3.42047D-03	-2.34355D-04	4.82757D-04	1.04241D-03
155	6.03869D-03	-4.92672D-07	9.45929D-03	4.13891D-05	-2.94025D-04	-3.17215D-04
156	-1.59699D-03	3.41460D-03	1.87985D-03	2.10511D-04	-2.63069D-04	-2.05874D-04
157	-5.37844D-03	2.82054D-03	-1.95718D-03	2.54285D-04	-2.57639D-04	-1.80591D-04
158	-1.03575D-03	2.12264D-03	5.62280D-03	2.67396D-04	-2.58583D-04	-1.77819D-04
159	-9.25163D-03	1.31594D-03	-5.75601D-03	2.66019D-04	-2.49005D-04	-1.66131D-04
160	-1.15120D-02	1.87231D-07	-8.06864D-03	2.71417D-04	-2.10448D-04	-1.53060D-04
161	-1.52446D-02	-2.95470D-03	-1.23027D-02	2.34482D-04	7.81417D-05	-1.52680D-04
162	-6.41997D-03	1.24022D-08	5.04457D-03	1.91843D-04	3.35855D-04	-1.44687D-04
163	-4.36515D-03	1.10213D-03	1.03975D-02	1.86093D-04	3.53998D-04	-1.36952D-04
164	-2.97915D-03	1.88981D-03	1.44142D-02	1.83039D-04	3.55686D-04	-1.29025D-04
165	1.44665D-03	5.28368D-03	3.20664D-02	1.76156D-04	1.30148D-04	-5.47920D-05
166	-1.47180D-02	-1.79889D-02	4.77209D-03	-1.60939D-04	-3.12676D-05	-4.03806D-05
167	-1.41184D-02	-1.79831D-02	2.07814D-03	-1.56463D-04	-3.08311D-05	-3.36672D-05
168	-1.44671D-02	-1.73855D-02	3.40622D-03	-1.52465D-04	-3.00735D-05	-4.76035D-05
169	-1.44714D-02	-1.60289D-02	3.07598D-03	-1.00709D-04	-1.49773D-05	-9.59365D-05
170	-1.41985D-02	-1.27060D-02	3.44300D-03	8.86888D-05	3.55597D-05	-1.29007D-05
171	-1.45653D-02	-1.27085D-02	3.20412D-03	5.90744D-05	3.55597D-05	-1.88121D-04
172	-1.52243D-02	-1.27105D-02	3.07115D-03	4.26665D-05	3.55597D-05	-2.85693D-04
173	-1.67349D-02	-1.27114D-02	2.86025D-03	4.06632D-05	3.55597D-05	-2.97754D-04
174	-1.87707D-02	-1.27116D-02	2.58936D-03	3.99110D-05	3.55597D-05	-3.03207D-04
175	-1.41166D-02	-1.28509D-02	3.66735D-03	1.27117D-04	4.28741D-05	3.58208D-05

176	-7.45497D-03	-1.71458D-02	3.89325D-09	4.51011D-04	3.39350D-05	5.56626D-04
177	-5.98831D-03	-2.43060D-09	-9.94039D-03	4.88804D-04	-8.45706D-06	-3.66163D-05
178	-5.99086D-03	2.24123D-03	1.50411D-08	3.93809D-04	2.82418D-04	-6.31283D-06
179	3.26494D-03	1.39262D-09	-1.09789D-02	1.83881D-04	-1.91473D-04	5.89967D-05
180	1.88891D-04	7.82834D-04	-6.39843D-04	5.93526D-05	1.52029D-04	1.95087D-05
181	-2.19413D-04	7.50752D-04	7.17504D-04	4.83835D-05	1.30278D-04	1.98547D-05
182	-1.46312D-03	3.38476D-04	4.42720D-03	-4.24754D-05	-3.44767D-05	-2.77709D-05
183	-1.39309D-03	4.39443D-04	4.18619D-03	-4.34101D-05	-3.57333D-05	-2.90482D-05
184	-1.04284D-03	5.70220D-04	3.52197D-03	-5.13368D-05	-2.14112D-05	-3.76328D-05
185	-1.21364D-03	7.14256D-04	3.56871D-03	-4.36564D-05	-3.86621D-05	-3.08207D-05
186	8.82933D-04	2.53761D-04	1.13161D-03	-3.20571D-05	-2.07446D-05	-2.91277D-05
187	1.03047D-03	2.10357D-04	9.90733D-04	-3.01801D-05	-1.74053D-05	-2.95107D-05
188	1.14810D-03	1.86890D-04	8.84511D-04	-2.82250D-05	-1.42132D-05	-3.00418D-05
189	6.01198D-04	2.76128D-04	4.77485D-04	6.16466D-06	3.94735D-05	-3.30819D-05
190	1.53620D-03	3.11987D-08	1.93539D-07	1.81409D-04	-2.43542D-04	5.22595D-05
191	1.59626D-03	1.27950D-08	5.96494D-03	1.88950D-04	1.39061D-04	-3.96685D-05
192	1.59755D-03	2.75073D-04	6.86075D-03	1.89248D-04	1.34009D-04	-4.16002D-05
193	1.91024D-03	7.59000D-04	9.98315D-03	1.61294D-04	1.15464D-04	-2.34624D-05
194	7.02511D-04	-1.79561D-04	2.68355D-04	1.99153D-05	-1.08504D-05	-3.25287D-05
195	2.05521D-04	-1.54171D-04	8.62737D-05	6.49129D-07	-1.01844D-05	-1.66838D-05
196	-3.58254D-04	7.10354D-04	3.65476D-03	-3.01241D-04	9.99789D-06	-5.21312D-06
197	-2.46166D-04	5.98576D-04	-1.55485D-03	-3.07553D-04	8.84858D-06	-7.31172D-06
198	-3.81493D-04	-1.75990D-03	1.50490D-03	-3.11546D-04	7.73562D-06	-1.04745D-05
199	5.34855D-04	-1.36602D-02	1.63529D-04	-2.71255D-04	-1.13153D-04	-1.25467D-04
200	1.18518D-03	-1.25941D-02	-1.96460D-03	-2.45599D-04	-1.25314D-04	-1.58329D-04
201	6.19509D-04	-1.25952D-02	-1.17761D-03	-2.32543D-04	-1.28617D-04	-1.76822D-04
202	2.48316D-04	-1.25959D-02	-7.03787D-04	-2.28792D-04	-1.30674D-04	-1.78555D-04
203	-2.85129D-04	-1.22366D-02	-3.02014D-04	-2.30442D-04	-1.33860D-04	-1.56525D-04
204	1.02772D-05	-1.15606D-02	-1.27724D-03	-2.19445D-04	-1.26543D-04	-1.79606D-04
205	2.48501D-04	-1.07514D-02	-2.06357D-03	-2.15629D-04	-1.18541D-04	-1.80881D-04
206	1.84725D-03	-1.07469D-02	-4.12952D-03	-2.20243D-04	-1.11280D-04	-1.89443D-04
207	2.65890D-03	-5.75861D-03	-6.78831D-03	-1.91041D-04	-1.83001D-05	-1.78282D-04
208	1.62934D-04	4.61919D-09	1.35090D-03	-1.32944D-04	9.91385D-05	-7.73442D-05
209	-8.97655D-03	-1.67231D-02	-3.68213D-02	-6.04390D-04	-2.04582D-03	1.76612D-03
210	8.24090D-03	-1.57205D-02	-2.99102D-02	-5.95374D-04	-2.08603D-03	1.78069D-03
211	-3.14463D-02	-1.42067D-02	-4.22174D-02	-6.42671D-04	-2.08489D-03	1.81553D-03
212	2.59386D-02	-1.44454D-02	-2.27832D-02	-5.47483D-04	-2.12233D-03	1.75228D-03
213	1.11887D-01	-4.07301D-07	1.15870D-02	-1.35077D-05	-2.10975D-03	9.39920D-04
214	-3.01822D-02	3.35712D-08	-6.27403D-02	2.09150D-04	-1.56334D-04	1.62862D-03
215	1.48312D-02	-8.12253D-03	-2.50964D-02	-8.26255D-04	3.30944D-04	-5.97467D-04
216	1.17884D-02	-8.77497D-03	-2.26578D-02	-7.16923D-04	2.51719D-04	-6.48930D-04
217	1.18845D-02	-2.35798D-02	-2.55452D-02	-7.92204D-04	5.84912D-05	-7.43099D-04
218	1.54427D-03	-3.70090D-02	-6.39550D-07	-1.91656D-04	-4.85320D-04	-1.13987D-04
219	2.96247D-03	-3.74902D-02	-1.63595D-02	3.78075D-04	-3.77620D-04	9.60322D-05
220	3.15684D-03	-3.74925D-02	-1.7122 D-02	3.78051D-04	-3.76944D-04	9.64849D-05
221	3.25868D-03	-3.69052D-02	-1.51801D-02	3.78044D-04	-3.76805D-04	9.61461D-05
222	3.35189D-03	-3.74939D-02	-1.78840D-02	3.77911D-04	-3.76401D-04	9.71553D-05
223	5.09713D-03	-3.75293D-02	-2.39650D-02	3.60243D-04	-3.59092D-04	1.14837D-04
224	5.32844D-03	-3.75303D-02	-2.46886D-02	3.59284D-04	-3.58550D-04	1.15278D-04
225	5.43147D-03	-3.68448D-02	-2.28438D-02	3.59281D-04	-3.58341D-04	1.14941D-04
226	5.56015D-03	-3.75304D-02	-2.54073D-02	3.58277D-04	-3.58206D-04	1.15951D-04
227	4.25218D-03	-1.73729D-02	-1.21953D-02	-2.28268D-05	-3.25882D-04	4.32437D-04
228	1.16688D-02	-3.78300D-07	-1.85275D-02	-6.32692D-04	3.21928D-04	-5.23940D-04
229	9.06621D-03	3.77146D-03	-1.23016D-02	-4.99181D-04	3.44806D-04	-3.68422D-04
230	7.67763D-03	3.77310D-03	-1.04143D-02	-4.53113D-04	3.38487D-04	-3.32607D-04
231	4.04902D-07	5.54896D-03	-8.77193D-08	-3.18499D-05	5.98695D-04	4.45479D-04
232	-2.36845D-03	4.66778D-03	4.60571D-03	-8.98778D-05	7.16359D-05	-1.62637D-04
233	-2.04137D-03	4.66561D-03	4.42396D-03	-9.09097D-05	7.05885D-05	-1.62280D-04
234	-1.70086D-03	5.20189D-03	4.46560D-03	-9.09597D-05	7.05747D-05	-1.62283D-04
235	-1.71482D-03	4.66330D-03	4.23961D-03	-9.18806D-05	6.95542D-05	-1.61876D-04

236	-6.11437D-10	3.79856D-03	3.15334D-09	2.74279D-05	1.68483D-04	-6.64669D-06
237	-7.01835D-06	3.79863D-03	-2.60330D-05	2.55183D-05	1.66904D-04	-9.06651D-06
238	-7.00856D-05	3.79873D-03	-1.71388D-04	2.32203D-05	1.64866D-04	-1.25067D-05
239	-7.01003D-05	3.88531D-03	8.69007D-04	2.32203D-05	1.65059D-04	-1.33699D-05
240	-1.50453D-04	3.79805D-03	-3.04342D-04	2.10318D-05	1.62350D-04	-1.48622D-05
241	-1.50992D-04	1.58064D-04	-8.19889D-05	-2.62179D-05	6.39853D-06	2.53035D-05
242	-5.80580D-05	2.01023D-04	7.74115D-06	-1.08527D-05	1.51851D-06	1.12710D-05
243	-5.82218D-05	9.17537D-05	1.76754D-05	-1.60423D-05	9.79595D-07	1.50969D-05
244	-3.65691D-05	1.35135D-04	-7.52668D-07	1.09456D-05	3.04142D-06	-3.41056D-06
245	-1.80654D-05	6.74822D-05	-5.08441D-07	9.75162D-06	2.65586D-06	-2.44883D-06
246	-2.64300D-06	6.74963D-05	6.10491D-05	9.76519D-06	2.65586D-06	-2.44825D-06
247	-3.27119D-06	1.25348D-05	-2.76377D-07	6.68265D-06	1.80372D-06	-1.48856D-06
248	-3.07412D-05	-9.61189D-07	3.58820D-07	-3.13608D-07	-2.67567D-06	1.22626D-06
249	-1.49271D-05	-1.38787D-06	2.46382D-07	-2.68014D-08	-2.26148D-06	8.88977D-07
250	-2.05688D-05	-1.38816D-06	7.76875D-08	-2.67843D-08	-2.26148D-06	8.93547D-07
251	-2.57803D-06	-6.81634D-07	1.33927D-07	6.34592D-08	-1.51218D-06	5.40379D-07
252	-4.18484D-04	-4.86030D-03	1.49581D-03	-3.32872D-04	-3.13849D-07	-2.82402D-05

M O D A L A N A L Y S I S

MODE NUMBER 28
FREQUENCY= 23.7898 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.90214D-02	2.49230D-03	-5.11329D-03	2.58415D-05	-2.94393D-04	1.28159D-04
3	2.02714D-02	2.61461D-04	-9.52965D-03	-3.73641D-04	-3.30016D-04	3.28032D-04
4	1.41069D-02	2.70712D-04	-1.64810D-02	-3.99861D-04	-3.47533D-04	3.50155D-04
5	9.19120D-03	9.83293D-04	-2.18168D-02	-5.61290D-04	-3.16831D-04	4.10494D-04
6	1.06623D-02	1.21553D-03	-1.81866D-02	-6.96381D-04	-3.28806D-04	3.27079D-04
7	1.86455D-02	-1.43810D-03	-3.13084D-03	-6.95441D-04	-2.93213D-04	3.43755D-04
8	2.75412D-02	-7.40362D-03	1.13969D-02	-6.01851D-04	4.60656D-06	5.49665D-04
9	3.51751D-02	-1.37826D-03	1.98711D-02	-5.98483D-04	-8.39899D-05	6.83216D-04
10	3.57572D-02	-4.55003D-08	2.06323D-02	-5.28684D-04	2.31729D-05	6.50581D-04
11	1.26700D-03	-2.70678D-03	9.18142D-03	1.83445D-08	1.38050D-04	4.74194D-04
12	4.59264D-03	-5.86638D-07	9.19659D-03	2.17000D-06	-1.99804D-04	2.85290D-04
13	1.09975D-02	-2.64213D-03	1.66727D-03	7.29453D-05	-3.95352D-04	-7.88870D-05
14	1.10453D-02	2.59081D-02	-2.21429D-02	6.32422D-04	2.13633D-04	5.48257D-04
15	-1.59371D-02	4.13714D-02	-2.21695D-02	-7.95169D-05	4.24696D-04	9.19971D-04
16	-2.50006D-02	1.58253D-02	-1.31987D-02	-2.13793D-04	4.08113D-04	1.04510D-03
17	-2.49359D-02	-5.97878D-02	1.73258D-02	-2.24209D-04	2.13288D-04	4.02946D-04
18	-2.40163D-02	-6.13936D-02	1.97546D-02	-2.78347D-04	1.03703D-04	2.43440D-05
19	-2.30592D-02	-5.72952D-02	2.06664D-02	-2.43629D-04	4.22092D-05	-1.80054D-04
20	-2.30771D-02	-5.04218D-02	2.00434D-02	-2.61188D-04	-1.16734D-04	-4.96730D-04
21	-2.29070D-02	-1.36364D-02	8.70018D-03	-1.59381D-04	-2.50848D-04	-7.38458D-04
22	-9.24266D-03	3.24566D-04	1.34336D-03	-7.16016D-05	-1.41150D-04	-4.18786D-04
23	-6.34424D-10	-6.07346D-10	2.74803D-10	-7.06755D-09	-1.61860D-08	-4.65282D-08
25	-2.08278D-03	-7.88482D-03	-5.71216D-04	-7.24842D-05	4.09561D-05	-4.47096D-05
26	-4.04293D-03	-6.51795D-03	2.85661D-03	3.10148D-04	8.41779D-05	6.62709D-05
27	-4.79196D-03	-6.52410D-03	6.38259D-03	3.21158D-04	8.89651D-05	6.83945D-05
28	-6.61081D-03	-4.32022D-03	1.16973D-02	3.57460D-04	1.62055D-04	1.41780D-04
29	-6.60874D-03	-2.74218D-03	9.87335D-03	3.59837D-04	1.73571D-04	1.47978D-04
30	-6.17787D-03	-3.22565D-02	4.19254D-02	3.60359D-04	-4.07009D-04	-2.65004D-04
31	-1.40057D-02	-2.92736D-03	4.26585D-02	-1.18850D-04	3.39937D-04	-1.26759D-04
32	-3.12218D-02	5.14247D-03	2.40804D-02	2.02869D-04	-6.89658D-05	6.52671D-04
33	-1.47649D-02	1.50673D-02	2.00888D-02	3.52059D-04	-8.14220D-04	1.24513D-03
34	2.61077D-02	-8.78390D-02	-2.14315D-02	7.31335D-04	-1.40732D-04	1.73968D-03
35	2.60234D-02	-8.42928D-02	-2.17541D-02	1.13887D-03	9.95913D-05	1.55818D-03
36	6.65873D-03	1.58767D-02	-1.60284D-02	-9.11183D-04	-2.87274D-04	3.95037D-04
37	2.64459D-03	2.40194D-02	-2.08193D-02	-3.10464D-04	-2.62429D-04	9.66200D-06
38	2.62569D-02	2.47100D-02	3.14053D-03	5.29066D-04	-4.23981D-04	-2.50658D-04
39	2.35540D-02	2.93168D-02	-6.80084D-03	1.00630D-04	1.61282D-04	-4.04935D-04
40	1.31768D-02	3.76963D-02	-1.35729D-03	-4.33262D-04	5.24644D-04	-1.35383D-03
41	3.63204D-03	3.76975D-02	1.74715D-03	-4.45362D-04	5.59863D-04	-1.30963D-03
42	-1.01875D-02	3.22310D-02	6.49406D-03	-7.19431D-04	4.08531D-04	-7.87735D-04
43	-1.68186D-02	1.99953D-02	6.47558D-03	-7.55852D-04	3.61907D-04	-5.24260D-04
44	-1.80718D-02	1.39326D-02	6.02636D-03	-1.04620D-03	-2.88007D-04	1.10638D-04
45	-1.80315D-02	6.57848D-03	5.68308D-02	-8.67405D-04	3.23873D-04	-2.18547D-04
46	-1.80210D-02	6.78915D-03	5.70292D-02	-8.67252D-04	-1.89984D-04	-1.98725D-04
47	-3.94505D-03	5.24622D-03	1.13316D-02	-3.48797D-04	-1.35895D-04	-2.25364D-04
48	-3.36628D-03	5.37715D-03	1.03923D-02	-3.23872D-04	-1.29991D-04	-2.45809D-04
49	5.22759D-03	4.33883D-03	2.43109D-03	-1.17882D-04	2.01520D-05	-2.26016D-04
50	2.98165D-03	2.54563D-03	1.89274D-03	-1.84539D-05	1.44570D-04	-1.98957D-04
51	2.38776D-03	1.58933D-03	1.22276D-03	-1.46055D-05	1.42700D-04	-1.96818D-04

52	2.91570D-05	2.25962D-07	1.65659D-05	9.20143D-07	8.94614D-06	-5.90830D-06
53	2.73371D-11	1.88619D-12	2.32162D-11	1.50089D-10	7.75296D-10	-7.20288D-10
54	6.41562D-05	-3.21263D-03	3.57714D-03	-8.35713D-04	1.09011D-06	-3.49818D-04
55	9.27351D-04	-3.98529D-02	3.89387D-03	-1.06587D-03	-6.13685D-05	-4.05487D-04
56	2.20427D-03	-4.94279D-02	2.94402D-03	-1.02345D-03	-2.30071D-04	-4.76162D-04
57	2.53921D-03	9.01360D-04	1.95817D-03	-6.26430D-04	2.48631D-04	-3.69616D-04
58	-7.81768D-04	2.54318D-03	7.67580D-03	-4.25094D-04	-2.63002D-05	-2.65706D-04
59	-4.76556D-03	2.82876D-03	1.41596D-02	-3.77617D-04	-1.22549D-04	-2.23172D-04
60	1.98262D-02	-1.35870D-03	3.68996D-03	-7.70089D-04	-7.93645D-05	7.23604D-04
61	7.74073D-03	-5.49226D-03	-7.96521D-03	-4.49646D-04	-1.35644D-04	1.03483D-03
62	2.83238D-02	6.33408D-04	1.25907D-04	-1.59889D-04	-2.94970D-04	6.10763D-04
63	2.95969D-02	2.56480D-03	3.85704D-04	-3.59290D-04	2.02494D-04	-1.41198D-05
64	2.96290D-02	-7.56732D-03	-2.07523D-02	-1.24568D-04	2.99469D-04	-1.17926D-04
65	2.42270D-02	-5.39989D-03	-2.36441D-02	1.54781D-04	1.04840D-04	6.31238D-04
66	3.97757D-03	-5.43523D-03	-1.82552D-02	1.82910D-04	8.48584D-05	6.79118D-04
67	-5.22307D-03	-5.53982D-04	-1.62312D-02	-1.52105D-05	-8.20638D-05	4.11401D-04
68	1.01630D-02	7.18879D-03	-6.67921D-03	-1.36905D-04	-8.30431D-06	7.54704D-06
69	9.54501D-03	5.74126D-03	-6.75183D-03	-2.23540D-04	1.45438D-04	-3.80689D-05
70	3.67877D-03	-3.42644D-03	-6.59216D-03	-2.13019D-04	7.01552D-05	-1.48488D-04
71	2.76748D-03	-7.36968D-03	-4.18538D-03	-2.66360D-04	-1.64961D-04	-1.50912D-04
72	1.58042D-03	-8.01558D-03	-5.50475D-04	-8.34857D-05	-1.25002D-04	-3.19500D-05
73	1.74854D-03	-8.14852D-03	-6.32526D-03	9.09450D-05	-8.75196D-05	1.56202D-05
74	1.99913D-03	-7.15312D-03	-5.69483D-03	1.36883D-05	-9.03860D-05	1.02720D-04
76	3.59340D-03	8.25115D-04	-3.74309D-03	-1.65034D-04	1.01975D-04	-9.39602D-05
77	3.52010D-03	2.49172D-03	-8.70261D-04	-1.29844D-04	1.12026D-04	-3.94693D-05
78	4.71244D-04	5.61831D-04	8.24999D-05	-3.10116D-05	1.48687D-04	1.43717D-04
79	-6.53238D-04	4.42527D-04	2.77212D-0[illegible]	4.76608D-07	-2.12693D-07	-5.34339D-05
80	-3.23839D-05	8.49523D-05	8.54056D-08	-6.46057D-06	-6.04296D-07	-1.04046D-05
82	-1.84417D-04	8.34606D-04	-1.98653D-04	1.29982D-05	4.28547D-05	-1.38776D-05
83	-3.64439D-04	6.97069D-04	-4.04579D-04	-9.82027D-06	2.55702D-05	-2.77822D-05
84	-4.97947D-04	1.52754D-04	-7.81900D-04	-1.73968D-05	1.99614D-05	-2.38683D-05
85	-5.61255D-04	3.67932D-05	-7.59100D-04	-1.95618D-05	9.98624D-06	6.36311D-06
86	-1.51515D-05	3.20974D-05	2.16292D-06	-6.22959D-06	4.87674D-07	5.01931D-06
87	-1.43464D-05	5.08661D-05	8.82959D-07	-2.19133D-07	5.07515D-07	-7.49004D-07
88	-1.06304D-05	3.82865D-05	-2.37476D-07	2.77574D-06	8.19466D-07	-1.06982D-06
90	-1.38343D-05	-3.40033D-06	1.87796D-06	-2.74212D-06	-8.30683D-07	1.25020D-06
91	-9.33512D-06	-7.80833D-06	3.19235D-08	3.76178D-07	-7.61875D-07	9.05218D-08
93	2.80112D-03	7.21013D-04	-7.55804D-04	4.08821D-05	-1.53522D-04	3.28427D-05
94	1.34585D-02	2.32522D-03	-3.61903D-03	4.35912D-05	-2.74012D-04	9.65546D-05
95	8.95142D-03	1.58834D-03	-2.13853D-02	-6.65630D-04	-3.24303D-04	3.27356D-04
96	8.15720D-03	9.78712D-03	-1.68400D-02	-8.68137D-04	-2.96140D-04	3.90679D-04
97	1.24013D-02	5.54429D-04	-1.49196D-02	-7.02065D-04	-3.32535D-04	3.19753D-04
98	1.37703D-02	8.24262D-08	-1.23447D-02	-7.02909D-04	-3.31537D-04	3.20678D-04
99	2.72171D-02	-6.81563D-03	1.14528D-02	-5.64736D-04	-8.89570D-05	6.36929D-04
100	3.03245D-02	-4.85616D-03	1.48175D-02	-5.60816D-04	-1.76652D-04	6.72153D-04
101	3.42844D-02	-2.17451D-03	1.89246D-02	-5.83206D-04	-1.29220D-04	6.85926D-04
102	3.57038D-02	-5.91726D-04	2.05085D-02	-5.55172D-04	-2.43630D-05	6.63925D-04
103	2.82334D-02	-1.36936D-03	1.29070D-02	-7.05332D-04	-8.18612D-05	6.98671D-04
104	2.50405D-04	-2.54308D-03	9.22062D-03	4.02083D-05	3.93070D-05	4.67654D-04
105	-7.07496D-06	-1.45835D-03	9.24546D-03	6.33414D-05	-3.51981D-05	4.63930D-04
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107	1.65617D-03	-3.78106D-04	9.22307D-03	3.88716D-05	-1.10928D-04	3.91063D-04
108	1.10090D-02	-1.87825D-03	-1.58877D-03	9.30400D-05	-4.00307D-04	-1.53095D-04
109	1.25459D-02	-1.47989D-03	-1.57997D-03	4.61092D-05	-7.21964D-05	6.94085D-05
110	1.25539D-02	-1.36937D-03	-1.57619D-03	4.45638D-05	4.36984D-05	1.64767D-04
111	1.19196D-02	-1.15650D-03	-1.57016D-03	6.47836D-05	1.95832D-04	3.15752D-04
112	1.04804D-02	-7.07262D-04	-1.56539D-03	9.80142D-05	2.65303D-04	4.13027D-04
113	-4.12676D-03	-1.20812D-03	5.30757D-03	3.00956D-04	2.87108D-04	5.75783D-04
114	8.75334D-03	-2.59586D-04	-1.56555D-03	6.15817D-05	3.00727D-04	4.16596D-04
115	7.92135D-03	-1.41631D-04	-1.56565D-03	4.13668D-05	3.20785D-04	4.19657D-04

116	6.78863D-03	-5.25251D-05	-1.56577D-03	2.52415D-05	3.37126D-04	4.23594D-04
117	5.61640D-03	1.33009D-08	-1.56581D-03	1.97022D-05	3.42816D-04	4.23594D-04
118	8.02172D-03	-5.25172D-05	-1.65255D-03	3.94499D-05	3.11777D-04	5.07465D-04
119	3.00411D-03	1.50327D-04	-1.56585D-03	1.97148D-05	3.42564D-04	4.23594D-04
120	1.10840D-02	-5.25003D-05	-1.92142D-03	5.73769D-05	2.59873D-04	6.12780D-04
121	1.28573D-02	9.65253D-05	-2.15057D-03	5.83938D-05	2.56029D-04	6.18687D-04
122	1.10241D-02	1.56641D-06	-5.69461D-03	1.18806D-04	-4.01081D-04	-2.63596D-04
123	1.10503D-02	7.44563D-03	-1.33464D-02	1.67762D-04	-3.72886D-04	-4.30179D-04
124	1.11017D-02	3.01290D-02	-2.69068D-02	2.91439D-04	-1.33338D-04	-3.22358D-04
125	1.11097D-02	3.31011D-02	-2.79299D-02	3.17205D-04	-5.61838D-05	-2.07185D-04
126	1.11217D-02	3.59786D-02	-2.81063D-02	3.49156D-04	5.12963D-05	-9.99962D-06
127	1.21432D-02	3.68548D-02	-1.99829D-02	3.06124D-04	4.86929D-05	-4.09504D-05
128	1.10852D-02	3.30954D-02	-2.56331D-02	4.68630D-04	1.45981D-04	2.49624D-04
129	1.10714D-02	3.11481D-02	-2.45417D-02	5.26439D-04	1.76449D-04	3.61186D-04
130	1.31589D-02	1.75531D-02	-2.20844D-02	8.57237D-04	1.88069D-04	7.22663D-04
131	8.34700D-03	3.19615D-02	-2.21532D-02	4.86052D-04	2.65769D-04	6.02058D-04
132	-2.50023D-02	4.04097D-07	-7.13216D-03	-2.15467D-04	3.89740D-04	1.00935D-03
133	-2.30348D-02	-4.16588D-02	1.77004D-02	-2.32499D-04	-1.75607D-04	-6.15127D-04
134	1.60019D-02	-1.57811D-06	-2.19897D-02	1.17240D-03	1.67890D-04	9.92199D-04
135	1.84647D-02	-2.01950D-02	-2.19018D-02	1.35826D-03	1.61107D-04	1.23002D-03
136	2.17836D-02	-5.01881D-02	-2.18038D-02	1.36535D-03	1.57089D-04	1.42663D-03
137	-1.75975D-02	-5.50651D-02	1.63485D-02	1.41537D-03	1.56900D-04	1.47983D-03
138	2.52084D-02	-7.72047D-02	-2.17681D-02	1.21181D-03	1.29169D-04	1.51503D-03
139	1.73961D-02	-4.92044D-02	-1.24674D-02	3.54958D-04	-4.48786D-04	1.79858D-03
140	-3.18267D-03	9.52905D-08	8.38897D-03	2.83593D-04	-7.47255D-04	1.50970D-03
141	-9.73593D-03	9.89616D-03	1.50102D-02	3.36585D-04	-8.03589D-04	1.36759D-03
142	-5.39198D-03	3.37258D-02	1.75062D- 2	1.48266D-03	-6.71459D-04	2.51204D-03
143	-3.62618D-03	4.29876D-02	1.84799D-02	5.32552D-04	-6.83404D-04	1.56125D-03
144	-6.53352D-04	4.41973D-02	2.01978D-02	-2.73878D-03	-7.87235D-04	-1.71118D-03
145	3.38016D-03	1.40043D-02	2.32425D-02	-6.42410D-03	-9.30544D-04	-5.39721D-03
146	5.33025D-01	-8.67553D-03	-5.31794D-01	-2.69902D-02	-1.86960D-03	-2.59956D-02
147	6.82241D-03	-1.61443D-02	2.66864D-02	-2.75097D-03	-7.44374D-04	-1.70668D-03
148	8.04568D-03	-1.81774D-02	2.79101D-02	-6.99804D-04	-6.39952D-04	3.59396D-04
149	9.38796D-03	-1.17363D-02	2.92528D-02	9.53722D-04	-5.55747D-04	2.03209D-03
150	1.05907D-02	-1.87479D-06	3.04561D-02	1.50837D-03	-5.27944D-04	2.58674D-03
151	1.50890D-02	-1.17370D-02	2.69726D-02	7.99054D-04	-6.43124D-04	2.28584D-03
152	1.34502D-02	2.20913D-02	3.33161D-02	1.50968D-03	-5.30721D-04	2.58805D-03
153	2.83819D-02	-1.17382D-02	2.33007D-02	6.01169D-04	-8.22039D-04	2.60080D-03
154	4.01847D-02	-5.92872D-03	2.24790D-02	5.89587D-04	-8.35291D-04	2.61801D-03
155	-3.12515D-02	1.86945D-06	2.42351D-02	1.38167D-04	4.01922D-05	5.19405D-04
156	-2.53399D-02	-6.87636D-03	3.09028D-02	-2.69761D-05	3.25788D-04	5.71517D-05
157	-2.03270D-02	-6.36640D-03	3.63159D-02	-3.44085D-06	3.43454D-04	-1.19783D-05
158	-2.09379D-02	-6.48436D-03	3.84520D-02	9.55493D-05	3.34451D-04	4.04056D-05
159	-1.50849D-02	-4.11585D-03	4.15150D-02	-8.40242D-05	3.44628D-04	-9.21850D-05
160	-1.18406D-02	-1.06924D-06	4.49665D-02	-1.47935D-04	3.24309D-04	-1.54660D-04
161	-2.44065D-03	1.16237D-02	5.68110D 02	-4.98794D-05	4.09089D-05	-2.63949D-05
162	-6.25195D-03	-1.82196D-07	4.94984D-02	2.03591D-04	-8.59272D-05	2.85469D-04
163	-6.71659D-03	-6.42456D-03	4.83068D-02	2.52985D-04	-5.20824D-06	3.34932D-04
164	-6.50689D-03	-1.13237D-02	4.89326D-02	2.80065D-04	5.65866D-05	3.47853D-04
165	-5.29247D-03	-3.45134D-02	5.50044D-02	3.51817D-04	-1.31647D-05	1.43847D-04
166	2.45099D-02	2.47017D-02	-5.54555D-04	5.25400D-04	-4.22229D-04	-2.51999D-04
167	2.89235D-02	2.47835D-02	8.32863D-03	5.32724D-04	-4.23742D-04	-2.64075D-04
168	2.55276D-02	2.56921D-02	-2.08105D-04	5.24599D-04	-4.21980D-04	-2.30585D-04
169	2.43573D-02	2.62068D-02	-5.17719D-03	4.70164D-04	-3.05146D-04	-9.88553D-05
170	2.33481D-02	2.62350D-02	-8.33276D-03	2.18484D-04	8.18615D-05	-2.09070D-04
171	2.31677D-02	2.62405D-02	-9.32102D-03	3.61685D-04	8.18615D-05	6.76238D-05
172	2.35913D-02	2.62448D-02	-1.04187D-02	4.41645D-04	8.18615D-05	2.21507D-04
173	2.47996D-02	2.62469D-02	-1.27203D-02	4.51594D-04	8.18615D-05	2.40470D-04
174	2.64620D-02	2.62474D-02	-1.57920D-02	4.56496D-04	8.18615D-05	2.48685D-04
175	2.34266D-02	2.73758D-02	-7.68357D-03	1.60557D-04	1.24813D-04	-3.02269D-04

176	8.97752D-03	3.76971D-02	-6.30977D-08	-4.39299D-04	5.39738D-04	-1.34123D-03
177	-1.81273D-02	2.22975D-08	-1.19814D-02	-9.97809D-04	-2.46445D-04	2.66442D-04
178	-1.81235D-02	-6.77480D-03	6.34502D-08	-9.31763D-04	7.04165D-04	-8.34189D-05
179	8.85352D-03	5.01726D-09	-3.00415D-02	-7.13982D-04	-5.84718D-04	-2.10856D-04
180	4.55549D-04	4.43602D-03	-1.56968D-03	-5.53997D-04	4.65602D-04	-1.53256D-04
181	-8.10964D-04	4.16628D-03	2.65194D-03	-5.47263D-04	4.10146D-04	-1.29083D-04
182	-5.28780D-03	1.36265D-03	1.59661D-02	-3.85240D-04	-1.13070D-04	-2.10718D-04
183	-5.05816D-03	1.99793D-03	1.51707D-02	-3.81928D-04	-1.18502D-04	-2.15915D-04
184	-2.99805D-03	2.82028D-03	1.12164D-02	-4.02781D-04	-7.76754D-05	-2.44651D-04
185	-4.45930D-03	3.74046D-03	1.31017D-02	-3.66105D-04	-1.30437D-04	-2.25080D-04
186	3.29321D-03	1.42151D-03	4.24960D-03	-2.25574D-04	-8.06776D-05	-2.36352D-04
187	3.87291D-03	1.34428D-03	3.69965D-03	-2.10352D-04	-6.86721D-05	-2.37016D-04
188	4.34225D-03	1.39130D-03	3.27793D-03	-1.95218D-04	-5.71111D-05	-2.38396D-04
189	2.68436D-03	2.07029D-03	1.56113D-03	-1.65557D-05	1.43984D-04	-1.97903D-04
190	-6.37789D-03	-2.00530D-07	2.53376D-07	3.60194D-04	-3.56044D-04	-3.04457D-04
191	-6.59889D-03	-1.52628D-08	6.62958D-03	3.59872D-04	1.92180D-04	1.52363D-04
192	-6.60286D-03	-1.02655D-03	7.87397D-03	3.59859D-04	1.85881D-04	1.52342D-04
193	-8.00036D-03	-2.78101D-03	1.33973D-02	3.67143D-04	1.59889D-04	1.38202D-04
194	-1.45469D-03	-6.17425D-03	-3.67834D-04	-9.12840D-05	3.52910D-05	-4.63137D-05
195	-3.24690D-04	-1.72978D-03	-6.56122D-05	-7.62462D-05	1.83012D-05	-3.13573D-05
196	-2.35385D-03	-3.20601D-03	9.33625D-0[illegible]	-8.10667D-04	2.81805D-06	-3.41311D-04
197	3.58546D-03	-3.55481D-03	-4.81208D-03	-8.37934D-04	1.05603D-06	-3.51448D-04
198	5.64351D-05	-1.07834D-02	3.57878D-03	-8.58903D-04	-1.04118D-06	-3.56168D-04
199	2.84281D-03	-4.79411D-02	8.69174D-04	-9.95384D-04	-2.73547D-04	-5.02668D-04
200	4.54758D-03	-4.37005D-02	-4.68412D-03	-9.28735D-04	-3.43884D-04	-5.90023D-04
201	2.45911D-03	-4.37047D-02	-1.66202D-03	-9.03610D-04	-3.50723D-04	-6.49317D-04
202	1.10001D-03	-4.37071D-02	1.92290D-04	-8.99156D-04	-3.54982D-04	-6.53082D-04
203	-9.96651D-04	-4.24739D-02	2.42067D-03	-9.16178D-04	-3.64777D-04	-5.75685D-04
204	-1.75124D-04	-4.01144D-02	-2.96213D-04	-8.80184D-04	-3.64825D-04	-6.69288D-04
205	5.29706D-04	-3.72148D-02	-2.62652D-03	-8.71228D-04	-3.55021D-04	-6.77645D-04
206	6.45150D-03	-3.71981D-02	-1.08844D-02	-8.59249D-04	-3.30786D-04	-6.83633D-04
207	9.10883D-03	-2.03530D-02	-1.95425D-02	-7.87347D-04	-8.83892D-05	-6.40403D-04
208	2.93711D-03	2.51419D-08	6.58855D-04	-6.39461D-04	2.65462D-04	-3.64772D-04
209	1.04371D-02	-5.31078D-03	-6.98646D-03	-3.98542D-04	-2.11354D-04	1.06993D-03
210	1.22269D-02	-4.99715D-03	-6.27700D-03	-3.95325D-04	-2.23658D-04	1.07269D-03
211	-1.11994D-02	-4.07546D-03	-1.50117D-02	-4.13313D-04	-2.23223D-04	1.08599D-03
212	1.41807D-02	-4.59576D-03	-5.49318D-03	-3.77406D-04	-2.36149D-04	1.05901D-03
213	2.60198D-02	-1.40262D-07	-7.91787D-04	-1.73549D-04	-3.13705D-04	6.91104D-04
214	-5.01744D-03	3.53296D-08	-1.61040D-02	-1.69982D-05	-8.69498D-05	4.04357D-04
215	4.70800D-03	-1.31498D-03	-6.63113D-03	-2.23348D-04	1.15830D-04	-1.22251D-04
216	3.65255D-03	-1.89759D-03	-5.81901D-03	-1.98023D-04	8.18084D-05	-1.39594D-04
217	3.68261D-03	-5.08706D-03	-6.92776D-03	-2.18016D-04	3.32151D-05	-1.60042D-04
218	1.41417D-03	-8.02643D-03	-1.74668D-07	-6.36438D-05	-1.22821D-04	-2.63415D-05
219	1.36498D-03	-8.13903D-03	-3.62779D-03	9.60547D-05	-9.37473D-05	1.20463D-05
220	1.38946D-03	-8.13957D-03	-3.82189D-03	9.61137D-05	-9.35649D-05	1.20764D-05
221	1.41171D-03	-8.05758D-03	-3.34017D-03	9.61122D-05	-9.35326D-05	1.19977D-05
222	1.41386D-03	-8.13988D-03	-4.01561D-03	9.61409D-05	-9.34135D-05	1.21594D-05
223	1.63135D-03	-8.14827D-03	-5.58086D-03	9.32413D-05	-8.85858D-05	1.44461D-05
224	1.66039D-03	-8.14850D-03	-5.76834D-03	9.30346D-05	-8.84344D-05	1.45074D-05
225	1.68221D-03	-8.05394D-03	-5.31449D-03	9.30341D-05	-8.83826D-05	1.44288D-05
226	1.68936D-03	-8.14852D-03	-5.95464D-03	9.28124D-05	-8.83324D-05	1.46272D-05
227	1.03195D-03	-3.89846D-03	-2.93546D-03	-1.39595D-06	-7.83830D-05	9.70402D-05
228	3.61531D-03	-7.51185D-08	-4.55604D-03	-1.77123D-04	9.55788D-05	-1.13390D-04
229	3.04542D-03	8.25894D-04	-2.77814D-03	-1.40427D-04	9.89095D-05	-8.04913D-05
230	2.74106D-03	8.26368D-04	-2.24811D-03	-1.26806D-04	9.69863D-05	-7.37215D-05
231	1.26167D-07	5.60713D-04	-1.91957D-08	-2.94727D-05	1.46974D-04	1.39448D-04
232	-1.12439D-03	4.45548D-04	2.66530D-04	1.68934D-06	2.83490D-06	-5.46104D-05
233	-1.01442D-03	4.45274D-04	2.69832D-04	1.57596D-06	2.54845D-06	-5.45438D-05
234	-1.01518D-03	4.50543D-04	2.70071D-04	1.57139D-06	2.53857D-06	-5.45445D-05
235	-9.04460D-04	4.44987D-04	2.72873D-04	1.46559D-06	2.27144D-06	-5.44596D-05

236	-1.22433D-10	8.34727D-04	9.16881D-10	1.55029D-05	4.52409D-05	-1.23594D-05
237	-1.24191D-05	8.34765D-04	-1.50935D-05	1.49154D-05	4.47601D-05	-1.27630D-05
238	-9.04407D-05	8.34826D-04	-1.02217D-04	1.42010D-05	4.41398D-05	-1.33377D-05
239	-9.04609D-05	9.20825D-04	1.76241D-04	1.42010D-05	4.41816D-05	-1.35563D-05
240	-1.70878D-04	8.34689D-04	-1.85392D-04	1.35235D-05	4.34158D-05	-1.36082D-05
241	-4.28505D-05	3.25036D-05	-2.94233D-05	-8.69275D-06	1.30396D-06	7.66139D-06
242	-1.50016D-05	4.63084D-05	1.52891D-06	-4.01320D-06	2.67257D-07	3.53541D-06
243	-1.50351D-05	1.39004D-05	3.55299D-06	-5.08008D-06	2.41753D-07	4.32161D-06
244	-9.63095D-06	3.47579D-05	-1.98982D-07	2.77953D-06	7.98341D-07	-8.77894D-07
245	-4.76405D-06	1.74410D-05	-1.34337D-07	2.49958D-06	6.98801D-07	-6.30274D-07
246	-7.95027D-07	1.74449D-05	1.56405D-05	2.50330D-06	6.98801D-07	-6.30085D-07
247	-8.65599D-07	3.27834D-06	-7.30223D-08	1.72040D-06	4.75148D-07	-3.83122D-07
248	-8.44411D-06	-7.15564D-06	2.71305D-08	4.63514D-07	-7.23801D-07	7.55065D-08
249	-4.12533D-06	-3.84273D-06	1.90814D-08	4.87880D-07	-6.18468D-07	5.61337D-08
250	-4.48859D-06	-3.84359D-06	3.09936D-06	4.88616D-07	-6.18468D-07	5.71996D-08
251	-7.24651D-07	-8.39468D-07	1.03722D-08	3.58602D-07	-4.15791D-07	3.41218D-08
252	1.38769D-04	-2.05576D-02	3.62203D-03	-9.73512D-04	-2.50409D-05	-3.86124D-04

M O D A L A N A L Y S I S

MODE NUMBER 29
FREQUENCY= 24.0776 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-8.61193D-03	2.29783D-03	2.19440D-03	1.66665D-06	1.49474D-04	-1.36616D-04
3	-9.00375D-03	3.14086D-03	3.55711D-03	9.45880D-05	2.21935D-04	-2.24787D-04
4	-4.77475D-03	3.13885D-03	5.29591D-03	1.13731D-04	2.46685D-04	-2.43344D-04
5	-1.14184D-03	2.18183D-03	7.00578D-03	3.00919D-04	2.07915D-04	-3.19683D-04
6	-1.33363D-03	2.39707D-04	5.11440D-03	4.62276D-04	1.58468D-04	-2.93950D-04
7	-5.18565D-03	-2.83405D-03	-2.11400D-03	3.65601D-04	1.37433D-04	-3.23422D-04
8	-8.42826D-03	-1.08399D-02	-7.65558D-03	2.64274D-04	-3.55318D-05	-2.02205D-04
9	-6.16671D-03	-5.18944D-04	-5.63469D-03	1.46996D-04	-3.99563D-05	-8.09836D-05
10	-5.48781D-03	-1.12747D-07	-4.99314D-03	1.00648D-04	-6.65387D-05	-1.06842D-04
11	3.38394D-03	-5.66452D-03	-6.65858D-04	5.27939D-05	4.02576D-05	-1.70309D-04
12	-3.62888D-03	-1.95870D-07	-6.94488D-04	7.67438D-05	1.27011D-04	-8.02273D-05
13	-6.10421D-03	1.07615D-03	1.29080D-03	1.34952D-05	6.65009D-05	4.19990D-05
14	-6.19985D-03	-5.00477D-03	3.06072D-03	-1.23103D-04	-2.17852D-05	-9.04000D-05
15	-2.74893D-05	-7.36484D-03	3.05219D-03	3.05395D-05	-1.20628D-04	-1.53315D-04
16	2.80798D-03	-2.61074D-03	9.97618D-05	6.28116D-05	-1.42308D-04	-1.72926D-04
17	2.82743D-03	9.26895D-03	-1.09964D-02	7.89296D-05	-6.26894D-05	-5.88239D-05
18	2.70845D-03	9.17368D-03	-1.14668D-02	8.98907D-05	2.08664D-06	-1.04131D-07
19	2.90666D-03	7.93987D-03	-1.12661D-02	8.60826D-05	2.99747D-05	3.01776D-05
20	3.21763D-03	6.56061D-03	-1.03567D-02	8.92876D-05	8.45557D-05	7.57822D-05
21	3.21239D-03	1.16731D-03	-4.32279D-03	7.58200D-05	1.15293D-04	1.03206D-04
22	1.14865D-03	-3.11516D-04	-9.44793D-04	4.48516D-05	5.52297D-05	4.43448D-05
23	3.72778D-11	9.29137D-11	-1.27415D-10	5.41264D-09	4.30517D-09	4.69319D-09
25	3.85204D-03	-1.53795D-02	6.80259D-0	-3.11404D-04	-1.87330D-05	-7.61236D-05
26	3.47661D-03	-2.80284D-02	-1.60634D-02	-8.41426D-04	2.74536D-04	-1.19858D-05
27	3.64674D-03	-2.80118D-02	-2.54895D-02	-8.21714D-04	3.06424D-04	5.01345D-06
28	-1.22849D-03	-1.90940D-02	-4.11469D-02	-2.15837D-04	2.41804D-05	6.36574D-04
29	-1.20587D-03	-1.18474D-02	-4.14620D-02	-1.25762D-04	4.21908D-06	6.48504D-04
30	-4.03118D-04	-4.92455D-02	1.07009D-02	2.79030D-04	-2.39667D-06	-3.54941D-04
31	1.09453D-04	5.67077D-06	-6.74049D-03	1.44616D-04	-1.14317D-04	-1.50471D-04
32	3.88262D-03	-8.83536D-04	-2.96016D-03	2.21780D-05	5.78174D-06	-1.66106D-04
33	2.48541D-03	-2.20508D-03	-2.6647 D-03	-6.36225D-05	7.17644D-05	-2.11877D-04
34	-2.90589D-03	1.56814D-02	2.70694D 03	-1.17228D-04	5.56493D-05	-2.99692D-04
35	-3.64378D-03	1.51253D-02	3.02257D-03	-1.97884D-04	4.43847D-05	-2.61091D-04
36	-6.49451D-04	-1.43949D-02	4.70388D-03	8.33393D-04	-6.17802D-05	-6.75135D-04
37	4.66839D-04	-2.36948D-02	1.14702D-02	4.55740D-05	-7.21901D-04	-3.10036D-04
38	6.09546D-02	-2.53070D-02	4.82071D-02	1.72888D-03	-2.95368D-03	-1.01194D-03
39	4.73420D-02	3.54981D-02	-9.74031D-03	2.78034D-03	1.84221D-03	-2.55822D-03
40	7.84972D-03	6.74756D-02	5.06500D-03	1.70083D-03	4.80642D-03	-6.01079D-03
41	-3.53925D-02	6.74561D-02	-7.69607D-03	1.82646D-03	5.32776D-03	-6.03275D-03
42	-1.37950D-01	7.68822D-02	-2.23217D-02	1.09648D-04	5.81255D-03	-4.61321D-03
43	-2.32435D-01	7.49759D-02	-2.26990D-02	-2.51600D-04	5.15482D-03	-3.13801D-03
44	-2.50292D-01	7.54472D-02	-2.87915D-02	-2.32980D-03	-3.89429D-03	5.98596D-04
45	-2.49849D-01	3.85772D-02	7.88889D-01	-3.35575D-03	3.83983D-03	-1.01448D-03
46	-2.49381D-01	3.96991D-02	7.89586D-01	-3.39221D-03	-3.52607D-03	-8.32934D-04
47	5.75765D-02	2.24181D-02	-1.65935D-01	-3.13805D-03	1.24011D-03	-1.59692D-03
48	5.09763D-02	2.21364D-02	-1.55417D-01	-2.65640D-03	1.69599D-03	-2.06906D-03
49	-6.56518D-02	3.90588D-02	-4.61327D-02	-6.95412D-04	-4.67123D-04	-1.03025D-03
50	-2.72132D-02	1.43145D-02	-3.76085D-02	-1.33363D-03	-2.32057D-03	-1.72146D-04
51	-1.76662D-02	8.41940D-03	-2.68287D-02	-1.39133D-03	-2.27398D-03	-6.55097D-05

52	-3.19120D-04	-6.40890D-06	-3.69374D-04	-3.84692D-05	-1.73968D-04	1.55295D-05
53	-4.54155D-10	-5.34975D-11	-4.61044D-10	-5.25586D-09	-1.50765D-08	2.65774D-09
54	-5.41893D-03	-1.44243D-02	-7.26255D-02	-4.88646D-03	-1.61263D-03	-1.41126D-03
55	4.16975D-02	-2.23968D-01	-5.68226D-02	-6.30299D-03	-6.57665D-04	-1.94535D-03
56	1.96469D-02	-2.83514D-01	-3.39923D-02	-6.13264D-03	4.10578D-03	-2.55573D-03
57	1.02399D-01	3.69504D-03	-2.97240D-01	-4.53495D-03	-1.89892D-03	-2.08372D-03
58	8.80020D-02	7.88046D-03	-2.57902D-01	-4.56697D-03	1.59182D-04	-1.54976D-03
59	6.41049D-02	1.07246D-02	-1.89583D-01	-3.59960D-03	7.95676D-04	-1.54178D-03
60	-4.58871D-03	-5.20896D-04	-2.65722D-03	1.26954D-04	-4.79832D-05	-6.66675D-05
61	-3.21361D-03	1.95079D-05	-1.14460D-03	2.96232D-05	-5.80309D-05	-5.11858D-05
62	2.17925D-03	-3.26459D-05	1.02556D-03	9.77635D-06	-6.30018D-05	-3.42472D-05
63	2.48924D-03	-2.80429D-04	1.19492D-03	1.75893D-05	2.81639D-05	-1.69855D-05
64	2.49644D-03	-9.54932D-04	-2.05426D-03	2.01591D-05	4.76168D-05	5.58552D-07
65	2.00599D-03	-6.61236D-04	-2.24997D-03	3.18673D-05	3.08407D-05	4.84439D-05
66	4.76114D-04	-6.59685D-04	-1.27663D-03	3.21405D-05	2.50219D-05	5.14229D-05
67	-4.04246D-04	-7.23055D-05	-9.63304D-04	1.22599D-05	2.97933D-06	2.69959D-05
68	4.20230D-04	6.87899D-04	-4.50569D-04	-1.27928D-05	-3.79148D-06	-1.40849D-06
69	4.10364D-04	5.54399D-04	-4.47810D-04	-1.96224D-05	5.28697D-06	-4.44250D-06
70	1.69052D-04	-2.34943D-04	-4.38383D-04	-1.72796D-05	3.22475D-06	-1.05139D-05
71	1.02677D-04	-5.18167D-04	-2.64698D-04	-1.88107D-05	-9.40437D-06	-1.09917D-05
72	1.68348D-05	-5.65174D-04	-3.33321D-05	-5.18357D-06	-6.19649D-06	-2.07757D-06
73	9.82116D-05	-5.75019D-04	-4.23272D-04	5.88000D-06	-4.74834D-06	2.04448D-06
74	1.34844D-04	-4.95493D-04	-3.86418D-04	5.80147D-07	-5.93805D-06	7.11901D-06
76	1.65102D-04	5.56385D-05	-2.72765D-04	-1.32543D-05	6.52856D-06	-6.41378D-06
77	1.61704D-04	1.70686D-04	-7.90054D-05	-1.02896D-05	7.72001D-06	-3.04577D-06
78	2.10664D-05	8.46649D-05	3.69811D-06	-1.54112D-06	1.22074D-05	6.40879D-06
79	1.38553D-05	7.02910D-05	5.50075D-05	-1.20106D-06	2.42071D-06	-1.89000D-06
80	1.20901D-06	1.15192D-05	1.18630D-07	-9.23551D-07	2.65940D-07	-4.38556D-07
82	-2.45360D-06	5.61384D-05	-2.18124D-05	1.45752D-06	2.56433D-06	-2.54480D-07
83	-1.13911D-05	4.89193D-05	-3.65663D-05	-4.09432D-07	1.42764D-06	-1.87339D-06
84	-1.87517D-05	1.18487D-05	-5.73851D-05	-1.05680D-06	1.09515D-06	-1.75169D-06
85	-2.42927D-05	2.83775D-06	-5.47965D-05	-1.34402D-06	4.73053D-07	9.62062D-08
86	-8.20608D-07	2.47568D-06	5.90504D-08	-4.86835D-07	2.30755D-08	2.22068D-07
87	-7.86781D-07	3.12015D-06	4.03079D-08	-6.91743D-08	2.30136D-08	-8.93317D-08
88	-5.92043D-07	2.39635D-06	-1.42918D-08	1.67646D-07	4.52353D-08	-9.50525D-08
90	-7.62599D-07	5.41061D-07	8.71668D-08	-2.63742D-07	-3.82785D-08	6.48448D-08
91	-5.31045D-07	-4.53363D-08	-1.70135D-09	-1.74446D-08	-4.24975D-08	-5.53928D-09
93	-1.14929D-03	3.18243D-04	2.71130D-04	5.62173D-06	6.50525D-05	-4.56552D-05
94	-5.89857D-03	1.59354D-03	1.48956D-03	4.57242D-06	1.30029D-04	-1.10330D-04
95	-4.68685D-04	7.32791D-04	6.73511D-03	4.22474D-04	1.61369D-04	-2.83872D-04
96	-5.61839D-04	-7.81535D-03	4.67201D-03	7.70474D-04	2.62385D-05	-5.71044D-04
97	-2.17844D-03	1.33923D-04	3.53211D-03	4.50920D-04	1.60503D-04	-2.83303D-04
98	-2.84334D-03	-2.87265D-07	2.28645D-03	4.33690D-04	1.59719D-04	-2.90335D-04
99	-6.81919D-03	-7.35850D-03	-6.14138D-03	2.58476D-04	-2.93332D-05	-1.16127D-04
100	-6.62427D-03	-4.32810D-03	-6.00655D-03	2.33456D-04	-7.47081D-06	-8.37973D-05
101	-6.40309D-03	-1.23285D-03	-5.84884D-03	1.75229D-04	-2.52800D-05	-7.57736D-05
102	-5.79375D-03	-9.13514D-05	-5.28453D-03	1.20096D-04	-5.58434D-05	-9.53610D-05
103	-5.40353D-03	-5.19883D-04	-4.21131D-03	1.36880D-04	-4.36505D-05	-7.32507D-05
104	2.94745D-03	-5.16080D-03	-6.71225D-04	7.30702D-05	7.61266D-05	-1.67988D-04
105	1.13798D-03	-3.50612D-03	-6.74666D-04	8.60258D-05	9.98614D-05	-1.66666D-04
106	6.06026D-03	-3.93772D-03	1.51284D-03	8.99771D-05	9.95291D-05	-1.83351D-04
107	-1.28214D-03	-1.58606D-03	-6.84123D-04	8.83004D-05	1.19044D-04	-1.31408D-04
108	-6.11513D-03	6.67915D-04	1.76871D-03	7.62693D-06	5.93006D-05	5.50609D-05
109	-6.08060D-03	1.28509D-03	1.72479D-03	7.42981D-05	-6.20000D-05	-2.46938D-05
110	-5.81694D-03	1.54227D-03	1.70594D-03	3.36042D-05	-1.08621D-04	-5.88743D-05
111	-5.12759D-03	1.52279D-03	1.67607D-03	-1.15708D-04	-1.75354D-04	-1.12994D-04
112	-3.95326D-03	4.59551D-04	1.65251D-03	-2.87694D-04	-2.11782D-04	-1.47861D-04
113	1.53288D-03	-7.36094D-04	-2.48892D-02	-1.27722D-03	-2.75665D-04	-2.06914D-04
114	-2.66894D-03	-5.73901D-04	1.65265D-03	-1.07437D-04	-2.15417D-04	-1.48729D-04
115	-2.09909D-03	-6.39851D-04	1.65273D-03	-6.72565D-06	-2.17555D-04	-1.49474D-04

116	-1.35951D-03	-4.11511D-04	1.65282D-03	7.45304D-05	-2.19366D-04	-1.50431D-04
117	-6.15070D-04	-6.50003D-08	1.65287D-03	1.01739D-04	-2.20118D-04	-1.50431D-04
118	-1.78386D-03	-4.11539D-04	1.46661D-03	6.79988D-05	-2.13208D-04	-1.70834D-04
119	1.06394D-03	7.76144D-04	1.65291D-03	1.01806D-04	-2.20209D-04	-1.50431D-04
120	-2.78352D-03	-4.11592D-04	1.12751D-03	5.95833D-05	-2.00600D-04	-1.96447D-04
121	-3.04945D-03	-2.59954D-04	8.94522D-04	5.90819D-05	-1.99666D-04	-1.97882D-04
122	-6.12863D-03	1.05546D-08	2.32144D-03	-1.21559D-06	5.26031D-05	6.86624D-05
123	-6.15284D-03	-1.54374D-03	3.21033D-03	-1.80164D-05	3.93934D-05	8.29963D-05
124	-6.20567D-03	-5.43568D-03	4.21765D-03	-6.04605D-05	1.77485D-06	5.64726D-05
125	-6.21516D-03	-5.95430D-03	4.19130D-03	-6.93031D-05	-6.19960D-06	4.01423D-05
126	-6.22990D-03	-6.58692D-03	3.95577D-03	-8.02680D-05	-1.51831D-05	1.40387D-05
127	-7.09137D-03	-6.79475D-03	1.90898D-03	-7.67765D-05	-1.36258D-05	3.25530D-05
128	-6.21572D-03	-6.22011D-03	3.50131D-03	-9.83345D-05	-2.20804D-05	-3.77031D-05
129	-6.21029D-03	-5.89596D-03	3.34660D-03	-1.07076D-04	-2.30061D-05	-5.82248D-05
130	-6.26890D-03	-3.36333D-03	3.05358D-03	-1.64987D-04	-5.63590D-07	-1.18480D-04
131	-5.83863D-03	-6.16567D-03	3.06041D-03	-9.18113D-05	-4.19680D-05	-9.95061D-05
132	2.81250D-03	-1.01043D-07	-2.04665D-03	6.54029D-05	-1.40781D-04	-1.64266D-04
133	3.21696D-03	5.23403D-03	-8.87935D-03	8.54925D-05	1.02592D-04	9.17974D-05
134	-5.98993D-03	2.00210D-07	3.04192D-03	-2.18585D-04	2.14413D-05	-1.61877D-04
135	-5.55125D-03	3.70089D-03	3.03103D-03	-2.47015D-04	3.30526D-05	-2.00168D-04
136	-4.75790D-03	9.11013D-03	3.01881D-03	-2.45328D-04	3.86912D-05	-2.31823D-04
137	1.66585D-03	9.94707D-03	-3.79961D-03	-2.56793D-04	3.83598D-05	-2.37716D-04
138	-3.90686D-03	1.38930D-02	3.02161D-03	-2.12718D-04	4.24931D-05	-2.51492D-04
139	-1.04493D-03	8.58581D-03	8.53364D-04	-5.05876D-05	6.76266D-05	-3.12275D-04
140	1.41320D-03	3.83749D-07	-1.59604D-03	-5.31696D-05	7.43999D-05	-2.48355D-04
141	2.05015D-03	-1.40544D-03	-2.23086D-03	-6.22251D-05	7.38588D-05	-2.24127D-04
142	1.70394D-03	-2.99144D-03	-2.51346D-03	-5.11234D-05	5.65296D-05	-1.73594D-04
143	1.57807D-03	-3.43165D-03	-2.61202D-03	1.19679D-06	5.15769D-05	-1.04378D-04
144	1.39568D-03	-3.42960D-03	-2.75107D-03	1.42244D-04	4.68212D-05	6.34269D-05
145	1.18435D-03	-2.05683D-03	-2.92821D-03	2.85021D-04	4.65541D-05	2.23442D-04
146	-1.85611D-02	-1.21538D-03	1.78151D-02	9.88178D-04	7.99842D-05	9.58326D-04
147	1.01668D-03	-5.07476D-04	-3.09[illegible]D-03	1.73851D-04	3.56333D-05	1.11212D-04
148	9.59950D-04	-1.67776D-04	-3.15335D-03	1.12078D-04	2.95041D-05	4.85311D-05
149	9.00535D-04	-4.07877D-06	-3.21307D-03	6.26873D-05	2.45589D-05	-2.02761D-06
150	8.49235D-04	5.72491D-08	-3.26449D-03	4.58033D-05	2.29224D-05	-1.89116D-05
151	9.04725D-04	-4.05469D-06	-3.42309D-03	9.41719D-05	2.98819D-05	4.57017D-06
152	7.24927D-04	1.45141D-04	-3.38891D-03	4.58121D-05	2.30843D-05	-1.89028D-05
153	9.55953D-04	-4.00532D-06	-4.0552[illegible]D-03	1.33895D-04	4.07813D-05	1.30462D-05
154	9.33873D-04	2.66133D-04	-4.66460D-03	1.36147D-04	4.15886D-05	1.35441D-05
155	3.89068D-03	-4.94654D-07	-2.95962D-03	5.04581D-05	-5.62451D-06	-1.55402D-04
156	3.01926D-03	6.70017D-04	-3.85824D-03	1.45784D-04	-6.24921D-05	-1.36237D-04
157	1.97446D-03	4.30714D-04	-4.93383D-03	1.57212D-04	-8.35693D-05	-1.48950D-04
158	6.28591D-03	-7.95712D-05	-6.43695D-04	1.55544D-04	-8.24932D-05	-1.65374D-04
159	4.92813D-04	1.02804D-04	-6.36715D-03	1.54600D-04	-1.02631D-04	-1.45883D-04
160	-7.80311D-04	3.45861D-07	-7.61693D-03	1.15679D-04	-1.32364D-04	-1.68282D-04
161	-6.76706D-03	9.31193D-03	-1.46189D-02	2.67811D-05	-5.30138D-05	-1.35526D-04
162	-4.53429D-03	-3.55189D-07	-9.12444D-03	2.46375D-04	1.60470D-04	3.54724D-04
163	-3.55741D-03	-8.42249D-03	-6.39545D-03	3.03470D-04	1.71965D-04	4.63605D-04
164	-2.95567D-03	-1.51893D-02	-4.51168D-03	3.31453D-04	1.73046D-04	5.04573D-04
165	-6.90323D-04	-4.99319D-02	5.8166[illegible]D-03	3.57774D-04	1.36095D-04	2.71393D-04
166	5.39896D-02	-2.52840D-02	3.63803D-02	1.66643D-03	-2.92947D-03	-9.90898D-04
167	7.13124D-02	-2.50756D-02	6.48448D-02	1.75884D-03	-2.95232D-03	-1.04436D-03
168	5.59415D-02	-2.04254D-02	2.48021D-02	1.76310D-03	-2.94685D-03	-9.96055D-04
169	4.82377D-02	-1.34911D-02	-1.02527D-02	2.05366D-03	-2.12704D-03	-9.99032D-04
170	4.39558D-02	1.61504D-02	-2.68965D-02	2.65732D-03	1.01188D-03	-1.95211D-03
171	3.80339D-02	1.61538D-02	-3.71380D-02	3.43762D-03	1.01188D-03	-1.65932D-03
172	3.38278D-02	1.61566D-02	-4.70639D-02	3.87486D-03	1.01188D-03	-1.49821D-03
173	2.62251D-02	1.61579D-02	-6.71320D-02	3.92971D-03	1.01188D-03	-1.47887D-03
174	1.62674D-02	1.61582D-02	-9.37998D-02	3.95954D-03	1.01188D-03	-1.47370D-03
175	4.53899D-02	2.49066D-02	-1.95370D-02	2.72158D-03	1.44128D-03	-2.24221D-03

176	-1.05741D-02	6.74676D-02	-4.97644D-07	1.76626D-03	5.02985D-03	-6.05101D-03
177	-2.51114D-01	1.34892D-07	-2.56491D-01	-2.60747D-03	-2.47781D-03	1.39570D-03
178	-2.51108D-01	-2.99863D-02	8.03226D-07	-2.98645D-03	1.06216D-02	-5.09307D-04
179	1.42203D-01	3.23962D-08	-4.79888D-01	-3.49081D-03	-7.41093D-03	-9.40784D-04
180	1.87215D-02	2.16450D-02	-6.23145D-02	-3.61249D-03	2.81048D-03	-1.05378D-03
181	1.36202D-02	2.05738D-02	-4.45438D-02	-3.65568D-03	1.10902D-03	-9.53128D-04
182	6.64437D-02	4.78059D-03	-1.98617D-01	-3.61545D-03	4.13744D-04	-1.47898D-03
183	6.56127D-02	7.34121D-03	-1.95274D-01	-3.60888D-03	5.85136D-04	-1.50541D-03
184	7.53973D-02	1.06701D-02	-2.19675D-01	-4.17634D-03	5.00400D-04	-1.52015D-03
185	6.19420D-02	1.47748D-02	-1.81616D-01	-3.41765D-03	1.02086D-03	-1.57220D-03
186	-4.42863D-02	7.87675D-03	-6.70489D-02	-1.39404D-03	1.16742D-03	-1.86212D-03
187	-5.25076D-02	1.03514D-02	-5.91756D-02	-1.24714D-03	9.65340D-04	-1.81632D-03
188	-5.89574D-02	1.34221D-02	-5.33257D-02	-1.11144D-03	7.74834D-04	-1.77150D-03
189	-2.24258D-02	1.13439D-02	-3.22637D-02	-1.36184D-03	-2.30374D-03	-1.18749D-04
190	-6.64095D-04	-2.18540D-07	-4.25591D-08	1.51020D-04	-2.41192D-04	-5.38796D-04
191	-1.15589D-03	-5.08495D-07	-4.14732D-02	-9.90933D-05	-5.37031D-05	5.81524D-04
192	-1.17451D-03	-4.25360D-03	-4.16029D-02	-1.08999D-04	-2.59434D-05	6.21664D-04
193	-7.67110D-03	-1.20583D-02	-3.90363D-02	5.40171D-04	-1.24038D-04	6.96325D-04
194	3.28162D-03	-1.03519D-02	5.79240D-04	-2.56744D-04	-3.99187D-05	-6.35515D-05
195	1.05071D-03	-2.10816D-03	1.35679D-04	-1.19801D-04	-4.60885D-05	-3.00944D-05
196	-1.51148D-02	-1.43877D-02	-3.92580D-02	-4.68509D-03	-1.59643D-03	-1.36195D-03
197	9.33554D-03	-1.63720D-02	-1.22128D-01	-4.94299D-03	-1.61217D-03	-1.41564D-03
198	7.41304D-03	-5.71867D-02	-6.86022D-02	-5.02545D-03	-1.61626D-03	-1.45885D-03
199	8.56297D-03	-2.76980D-01	2.61748D-03	-6.00435D-03	3.77641D-03	-2.76832D-03
200	-7.32123D-03	-2.55283D-01	5.53097D-02	-5.68604D-03	2.30245D-03	-3.39526D-03
201	-1.98259D-02	-2.55309D-01	7.50003D-02	-6.16183D-03	2.38819D-03	-3.98789D-03
202	-2.82907D-02	-2.55324D-01	8.79813D-02	-6.39523D-03	2.44159D-03	-4.10255D-03
203	-4.72526D-02	-2.48412D-01	1.23811D-01	-6.84196D-03	2.34471D-03	-3.72695D-03
204	-5.16377D-02	-2.35358D-01	1.37966D-01	-6.77932D-03	1.26221D-03	-4.32324D-03
205	-5.32011D-02	-2.18879D-01	1.42926D-01	-6.84997D-03	5.87762D-04	-4.43344D-03
206	-1.52949D-02	-2.18780D-01	8.21688D-02	-5.33731D-03	7.19541D-04	-4.05145D-03
207	-5.66494D-03	-1.19046D-01	5.21807D-02	-5.00325D-03	-2.20104D-03	-3.95534D-03
208	9.93007D-02	1.46995D-07	-2.87289D-01	-4.58040D-03	-2.21349D-03	-2.09637D-03
209	-2.15309D-03	1.04609D-04	-7.16318D-04	1.90214D-05	-6.69318D-05	-4.14355D-05
210	-1.59064D-03	1.20542D-04	-4.89276D-04	1.80847D-05	-6.79086D-05	-4.04018D-05
211	-7.63397D-04	8.60001D-05	-5.14967D-05	1.80200D-05	-6.79196D-05	-3.94579D-05
212	-1.01749D-03	1.31143D-04	-2.58115D-04	1.73912D-05	-6.87369D-05	-4.03248D-05
213	1.69529D-03	2.41188D-09	8.31290D-04	9.94690D-06	-6.69510D-05	-3.56443D-05
214	-4.11963D-04	-2.72062D-09	-9.67296D-04	1.16869D-05	2.32160D-06	2.64138D-05
215	2.14720D-04	-5.91493D-05	-4.40693D-04	-1.87553D-05	4.98523D-06	-9.07127D-06
216	1.67840D-04	-1.29008D-04	-3.98612D-04	-1.60217D-05	4.43096D-06	-9.68087D-06
217	1.69240D-04	-3.53098D-04	-4.49916D-04	-1.71527D-05	1.10636D-06	-1.13888D-05
218	6.14682D-06	-5.65971D-04	-1.01723D-08	-3.87817D-06	-6.10897D-06	-1.63905D-06
219	4.52729D-05	-5.74280D-04	-2.48354D-04	6.26899D-06	-4.94201D-06	1.69411D-06
220	4.86987D-05	-5.74320D-04	-2.61019D-04	6.27090D-06	-4.93469D-06	1.70007D-06
221	5.01440D-05	-5.64040D-04	-2.35952D-04	6.27080D-06	-4.93234D-06	1.69440D-06
222	5.21323D-05	-5.74345D-04	-2.73651D-04	6.27081D-06	-4.92962D-06	1.70967D-06
223	8.22676D-05	-5.74988D-04	-3.75190D-04	6.03610D-06	-4.76787D-06	1.95374D-06
224	8.62008D-05	-5.75006D-04	-3.87321D-04	6.02164D-06	-4.76279D-06	1.95949D-06
225	8.76794D-05	-5.63367D-04	-3.63175D-04	6.02160D-06	-4.75917D-06	1.95384D-06
226	9.01364D-05	-5.75008D-04	-3.99369D-04	6.00631D-06	-4.76118D-06	1.96913D-06
227	7.04395D-05	-2.68390D-04	-2.01892D-04	-3.12795D-07	-5.30346D-06	6.65218D-06
228	1.66117D-04	-4.99420D-09	-3.24278D-04	-1.42684D-05	5.85726D-06	-7.74345D-06
229	1.27783D-04	5.56843D-05	-1.95254D-04	-1.12661D-05	6.32271D-06	-5.42164D-06
230	1.07378D-04	5.57119D-05	-1.52744D-04	-1.01540D-05	6.19354D-06	-4.88378D-06
231	5.90114D-09	8.45387D-05	-1.72188D-09	-1.42155D-06	1.20949D-05	6.19734D-06
232	-2.98028D-06	7.06766D-05	6.45437D-05	-1.03546D-06	2.62875D-06	-1.99166D-06
233	1.01596D-06	7.06421D-05	6.24441D-05	-1.05195D-06	2.60994D-06	-1.98326D-06
234	1.46795D-05	7.68834D-05	6.33765D-05	-1.05276D-06	2.61012D-06	-1.98329D-06
235	4.99288D-06	7.06055D-05	6.03033D-05	-1.06752D-06	2.59095D-06	-1.97444D-06

236	-8.85395D-12	5.61522D-05	6.43917D-11	1.66187D-06	2.71817D-06	-9.40230D-08
237	-1.00141D-07	5.61535D-05	-1.63557D-06	1.61611D-06	2.68588D-06	-1.32191D-07
238	-1.03022D-06	5.61556D-05	-1.11523D-05	1.55835D-06	2.64422D-06	-1.86355D-07
239	-1.03054D-06	5.74567D-05	5.51844D-06	1.55835D-06	2.64557D-06	-2.00447D-07
240	-2.22911D-06	5.61449D-05	-2.03327D-05	1.50159D-06	2.59921D-06	-2.22425D-07
241	-2.10612D-06	2.50699D-06	-2.37169D-06	-6.61580D-07	6.17454D-08	3.57816D-07
242	-8.12095D-07	2.99179D-06	4.75458D-08	-3.25820D-07	9.48771D-09	1.37982D-07
243	-8.13701D-07	1.65216D-06	1.43180D-07	-4.08100D-07	1.45781D-08	1.98615D-07
244	-5.36472D-07	2.17766D-06	-1.19705D-08	1.70657D-07	4.42512D-08	-7.80404D-08
245	-2.65761D-07	1.10083D-06	-8.07224D-09	1.55752D-07	3.88738D-08	-5.60915D-08
246	8.77843D-08	1.10108D-06	9.75316D-07	1.55990D-07	3.88738D-08	-5.61102D-08
247	-4.84896D-08	2.10677D-07	-4.38788D-09	1.07931D-07	2.64707D-08	-3.40961D-08
248	-4.80644D-07	-4.84747D-08	-1.43248D-09	-7.99177D-09	-4.07176D-08	-4.48481D-09
249	-2.35909D-07	-5.18660D-08	-9.80938D-10	5.71351D-10	-3.50859D-08	-3.12432D-09
250	-2.16718D-07	-5.18813D-08	2.65698D-09	5.75609D-10	-3.50859D-08	-3.06967D-09
251	-4.19641D-08	-2.25410D-08	-5.33215D-10	2.88334D-09	-2.36856D-08	-1.89917D-09
252	2.22854D-02	-1.12803D-01	-6.35878D-02	-5.71994D-03	-1.46316D-03	-1.70611D-03

MODAL ANALYSIS

MODE NUMBER 30
FREQUENCY= 24.4434 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	9.14370D-02	-3.70830D-02	-2.46702D-02	-4.16505D-04	-1.39096D-03	9.75955D-04
3	9.04397D-02	-5.31028D-02	-4.64636D-02	-1.52800D-03	-1.33635D-03	2.01292D-03
4	5.28512D-02	-5.30553D-02	-7.44675D-02	-1.57953D-03	-1.40287D-03	2.12863D-03
5	2.14081D-02	-4.48640D-02	-9.24429D-02	-1.84958D-03	-1.36243D-03	2.51204D-03
6	2.38473D-02	-1.61801D-02	-7.09853D-02	-2.20077D-03	-1.51667D-03	2.21004D-03
7	6.05531D-02	2.28558D-02	-2.08896D-03	-2.28805D-03	-1.33676D-03	1.93382D-03
8	9.83540D-02	1.63092D-02	5.99725D-02	-2.29442D-03	1.83958D-04	1.52300D-03
9	9.78731D-02	-8.90199D-03	6.23625D-02	-1.46432D-03	8.94353D-05	2.01997D-03
10	9.48602D-02	2.40152D-07	5.97132D-02	-1.18888D-03	4.34026D-04	2.05237D-03
11	-1.20184D-02	3.28246D-02	1.54407D-02	-4.25432D-04	5.26444D-05	1.73352D-03
12	2.51546D-02	1.60039D-06	1.55732D-02	-3.77233D-04	-8.61947D-04	8.76169D-04
13	4.43269D-02	-6.66429D-03	-1.58963D-03	1.36410D-04	-6.54089D-04	-2.18962D-04
14	4.50452D-02	3.94423D-02	-2.67004D-02	1.00206D-03	1.94158D-04	6.80807D-04
15	-1.00813D-02	6.26477D-02	-2.65757D-02	-1.78435D-04	1.11092D-03	1.29784D-03
16	-3.70753D-02	2.32971D-02	2.41335D-03	-4.79230D-04	1.44968D-03	1.53400D-03
17	-3.70878D-02	-8.88655D-02	1.21484D-01	-6.87881D-04	7.27754D-04	6.06622D-04
18	-3.53099D-02	-8.90255D-02	1.27568D-01	-8.05732D-04	5.13827D-05	4.14352D-05
19	-3.64915D-02	-7.82703D-02	1.26315D-01	-7.83490D-04	-2.59410D-04	-2.54108D-04
20	-3.95030D-02	-6.55876D-02	1.17018D-01	-8.43019D-04	-9.12892D-04	-7.20756D-04
21	-3.92923D-02	-1.24181D-02	4.94148D-02	-7.92744D-04	-1.31828D-03	-1.06170D-03
22	-1.52490D-02	3.62809D-03	1.08502D-02	-5.03652D-04	-6.80117D-04	-5.52802D-04
23	-8.76378D-10	-8.43696D-10	1.47916D-09	-6.27705D-08	-5.55560D-08	-6.52209D-08
25	1.39625D-02	-2.06904D-02	4.24330D-03	-3.79156D-04	-2.21835D-04	4.18853D-05
26	1.55107D-02	-3.03753D-02	-6.49180D-03	-5.92266D-04	-1.01606D-04	2.29780D-04
27	1.29008D-02	-3.03666D-02	-1.30754D-02	-5.86353D-04	-9.59121D-05	2.50668D-04
28	3.88657D-03	-1.88993D-02	-2.00902D-02	-3.65922D-04	-2.38716D-04	6.47406D-04
29	3.88681D-03	-1.16338D-02	-1.74503D-02	-3.36430D-04	-2.48500D-04	6.48098D-04
30	3.66534D-03	-1.07510D-01	-4.93565D-02	1.01568D-04	4.17765D-04	-8.18356D-04
31	2.24685D-02	-3.80713D-03	1.08267D-02	-8.67875D-04	2.76281D-04	4.13957D-04
32	6.90347D-03	6.85188D-03	-4.25217D-03	3.56115D-05	1.74174D-04	1.06833D-03
33	2.67813D-03	1.56529D-02	-4.60118D-03	3.40323D-04	1.52547D-05	1.39996D-03
34	2.25004D-02	-1.17292D-01	-2.43360D-02	8.10363D-04	-3.46777D-04	2.18570D-03
35	2.74067D-02	-1.13554D-01	-2.64064D-02	1.45012D-03	-3.05919D-04	1.90471D-03
36	4.55746D-03	3.87613D-02	-6.05896D-02	-2.93702D-03	-1.39489D-03	2.28231D-03
37	-1.77199D-02	6.84102D-02	-7.38613D-02	-9.13384D-04	-1.04779D-03	4.32498D-04
38	5.28435D-02	7.07384D-02	1.40307D-02	1.76799D-03	-1.24339D-03	-8.51959D-04
39	4.60897D-02	7.94654D-02	-1.21738D-02	3.27307D-04	3.93787D-04	-6.88597D-04
40	2.85697D-02	9.38770D-02	-2.56109D-03	-7.99899D-04	8.80794D-04	-2.14687D-03
41	1.36340D-02	9.38890D-02	3.30610D-03	-8.31817D-04	8.66473D-04	-2.02070D-03
42	-3.50401D-03	8.46382D-02	1.17964D-02	-1.15541D-03	2.55374D-04	-8.06537D-04
43	-7.36883D-03	6.51324D-02	1.17977D-02	-1.20585D-03	2.08055D-04	-3.50038D-04
44	-8.15529D-03	5.04339D-02	1.17334D-02	-1.72412D-03	-1.32875D-04	7.60553D-04
45	-8.03084D-03	2.14189D-02	2.47682D-02	-1.49668D-03	1.55189D-04	-5.18877D-04
46	-8.02700D-03	2.20426D-02	2.48770D-02	-1.50800D-03	-8.13787D-05	-3.97345D-04
47	5.09052D-04	1.29356D-03	-1.46183D-03	-1.99888D-04	2.01573D-06	-9.10333D-05
48	4.72833D-04	1.22043D-03	-1.40665D-0	-1.68554D-04	1.25333D-05	-1.25496D-04
49	-3.26522D-04	2.49030D-03	-6.28766D-04	-5.20474D-05	-8.06606D-06	-9.97239D-05
50	1.24321D-04	1.23943D-03	-5.43024D-04	-4.60653D-05	-2.42425D-05	-6.71153D-05
51	2.24279D-04	7.62259D-04	-4.29900D-04	-4.66520D-05	-2.34348D-05	-6.34007D-05

52	-3.04569D-07	-1.15216D-08	-5.94797D-06	-9.08299D-07	-2.38955D-06	-1.41493D-06
53	-4.94229D-12	-9.61750D-14	-6.51325D-12	-1.15353D-10	-2.07085D-10	-1.49521D-10
54	1.20116D-03	-1.22668D-02	-1.15465D-03	1.91877D-04	-1.00775D-05	-3.36700D-04
55	1.32531D-03	-1.09686D-02	-1.08577D-03	7.50800D-05	6.14642D-06	-2.65443D-04
56	7.46588D-04	-9.76157D-03	-5.84435D-04	-7.39172D-05	8.43292D-05	-1.54937D-04
57	2.81536D-03	2.35257D-04	-7.17868D-03	-2.15772D-04	-4.62318D-05	-1.11078D-04
58	1.91069D-03	6.36791D-04	-5.26845D-03	-2.40408D-04	-9.31638D-06	-9.19099D-05
59	5.00459D-04	7.95421D-04	-1.45783D-03	-2.26286D-04	-5.28684D-06	-8.46498D-05
60	4.95229D-02	-8.92311D-03	2.88103D-02	-1.54523D-03	8.94076D-06	2.31524D-03
61	8.88280D-03	-1.18048D-02	6.37104D-03	-1.11431D-03	-4.15157D-04	2.98477D-03
62	7.27880D-02	1.80257D-04	3.19527D-02	-6.45422D-04	-8.54584D-04	1.67500D-03
63	7.49568D-02	4.64832D-03	2.89121D-02	-1.08585D-03	1.08833D-03	1.31101D-05
64	7.51170D-02	-2.15810D-02	-7.52903D-02	-2.78335D-04	1.42376D-03	-3.56843D-04
65	6.43627D-02	-1.81920D-02	-8.60684D-02	8.05836D-04	5.24031D-04	1.35413D-03
66	2.04976D-02	-1.82732D-02	-5.92013D-02	9.10794D-04	3.70359D-04	1.48364D-03
67	-6.17640D-04	-2.01394D-03	-4.79514D-02	3.36704D-04	-2.06869D-04	7.97996D-04
68	3.99352D-02	2.96318D-02	-2.23557D-02	-4.31746D-04	6.59214D-05	-2.25844D-05
69	3.70932D-02	2.45826D-02	-2.28027D-02	-8.05636D-04	5.89261D-04	-1.66705D-04
70	1.38175D-02	-9.36422D-03	-2.22713D-02	-7.96123D-04	2.91855D-04	-4.16315D-04
71	1.12762D-02	-2.04493D-02	-1.48533D-02	-9.68909D-04	-5.16102D-04	-4.20349D-04
72	8.00523D-03	-2.22413D-02	-2.08453D-03	-3.19996D-04	-3.75313D-04	-8.90617D-05
73	6.54638D-03	-2.26316D-02	-1.97319D-02	3.08553D-04	-2.65484D-04	7.15756D-06
74	6.45309D-03	-2.04121D-02	-1.82582D-02	5.67207D-05	-2.86636D-04	2.89832D-04
76	1.35008D-02	2.25886D-03	-1.13539D-02	-6.33930D-04	3.74140D-04	-2.53025D-04
77	1.32279D-02	6.57552D-03	-1.08657D-03	-5.16799D-04	3.95718D-04	-8.42052D-05
78	1.77326D-03	-9.13050D-04	5.16164D-04	-1.82813D-04	4.89643D-04	5.41063D-04
79	-3.24416D-03	-9.84814D-04	-1.43362D-03	9.39410D-05	-4.09028D-05	-2.11334D-04
80	-1.74765D-04	-4.20874D-05	-8.00956D-06	6.73857D-06	-7.60579D-06	-4.06102D-05
82	-1.02809D-03	2.29406D-03	-1.25295D-03	8.44169D-05	1.40986D-04	-7.39462D-05
83	-1.69317D-03	1.87349D-03	-2.09335D-03	-3.55518D-06	7.20121D-05	-8.65226D-05
84	-2.05773D-03	3.86227D-04	-3.12412D-03	-4.22789D-05	5.36978D-05	-6.53171D-05
85	-2.17431D-03	9.46959D-05	-3.00690D-03	-6.89544D-05	1.84342D-05	3.08215D-05
86	-4.86740D-05	8.26225D-05	2.42096D-06	-2.69273D-05	8.99508D-07	1.79459D-05
87	-4.66394D-05	1.60095D-04	2.66106D-06	-4.27205D-06	1.41477D-06	-2.19030D-06
88	-3.48966D-05	1.26095D-04	-7.62334D-07	8.84313D-06	2.67443D-06	-3.87634D-06
90	-4.56969D-05	-3.78876D-05	4.49059D-06	-1.07673D-05	-2.00981D-06	2.95530D-06
91	-3.25162D-05	-4.76144D-05	-2.6986 D-07	2.66488D-06	-2.56788D-06	-8.89438D-07
93	1.36698D-02	-4.68727D-03	-3.71738D-03	-1.84599D-04	-7.45016D-04	3.29704D-04
94	6.50140D-02	-2.50043D-02	-1.75546D-02	-3.62471D-04	-1.30735D-03	7.89682D-04
95	1.59563D-02	-2.67480D-02	-8.57137D-02	-2.10732D-03	-1.49624D-03	2.23818D-03
96	1.18890D-02	1.61830D-02	-6.45597D-02	-2.78279D-03	-1.42438D-03	2.32634D-03
97	3.18715D-02	-6.84684D-03	-5.59660D-02	-2.22228D-03	-1.52875D-03	2.14591D-03
98	3.81747D-02	1.79799D-07	-4.41592D-02	-2.23490D-03	-1.52095D-03	2.10347D-03
99	8.88162D-02	-5.55414D-03	5.16681D-02	-2.10912D-03	2.25704D-05	1.57997D-03
100	9.27080D-02	-1.31972D-02	5.63799D-02	-1.90228D-03	-2.41894D-04	1.70670D-03
101	9.77921D-02	-1.22551D-02	6.20621D-0	-1.58924D-03	-6.44075D-05	1.92720D-03
102	9.65817D-02	-3.92940D-03	6.12914D-02	-1.29731D-03	2.89736D-04	2.03845D-03
103	7.64693D-02	-8.91243D-03	4.71678D-02	-1.51260D-03	5.23895D-05	2.17222D-03
104	-1.17120D-02	2.91382D-02	1.54994D-02	-4.61349D-04	-2.80009D-04	1.69120D-03
105	-3.89349D-03	1.92322D-02	1.55364D-02	-4.82742D-04	-5.12157D-04	1.66710D-03
106	-5.25739D-02	2.34273D-02	4.08420D-03	-4.71751D-04	-5.13081D-04	1.81386D-03
107	9.93790D-03	8.45502D-03	1.55553D-02	-4.82815D-04	-7.16711D-04	1.34448D-03
108	4.44083D-02	-4.25177D-03	-6.58635D-03	1.76476D-04	-6.02461D-04	-3.33693D-04
109	4.53018D-02	-4.03614D-03	-6.53082D-03	2.05042D-05	2.63975D-04	2.93678D-04
110	4.39578D-02	-4.06247D-03	-6.50693D-03	5.29369D-05	5.73418D-04	5.62551D-04
111	4.00929D-02	-3.65166D-03	-6.46898D-03	2.25761D-04	9.83560D-04	9.88267D-04
112	3.34749D-02	-1.84802D-03	-6.43901D-03	4.45491D-04	1.17462D-03	1.26254D-03
113	-1.10553D-02	-2.40797D-03	3.12401D 02	1.71765D-03	1.27884D-03	1.72077D-03
114	2.61070D-02	-5.12029D-05	-6.43965D-03	2.17841D-04	1.25871D-03	1.27300D-03
115	2.27018D-02	2.47655D-04	-6.44006D-03	9.11032D-05	1.30660D-03	1.28196D-03

116	1.81725D-02	2.38819D-04	-6.44053D-03	-1.05476D-05	1.34584D-03	1.29349D-03
117	1.35464D-02	8.26327D-08	-6.44072D-03	-4.50786D-05	1.35990D-03	1.29349D-03
118	2.19227D-02	2.38871D-04	-6.48750D-03	4.11330D-05	1.27163D-03	1.53914D-03
119	3.17903D-03	-3.43846D-04	-6.44090D-03	-4.51091D-05	1.35962D-03	1.29349D-03
120	3.11759D-02	2.38973D-04	-6.91549D-03	1.06473D-04	1.11965D-03	1.84759D-03
121	3.56591D-02	5.19196D-04	-7.34659D-03	1.10200D-04	1.10840D-03	1.86488D-03
122	4.45102D-02	2.29964D-07	-1.23205D-02	2.29225D-04	-5.45838D-04	-4.57772D-04
123	4.46931D-02	1.09795D-02	-2.17219D-02	3.29447D-04	-4.28662D-04	-6.07216D-04
124	4.50928D-02	4.11149D-02	-3.42357D-02	5.82642D-04	-7.79108D-05	-4.57173D-04
125	4.51647D-02	4.53782D-02	-3.46038D-02	6.35391D-04	2.91659D-07	-3.34657D-04
126	4.52764D-02	5.08312D-02	-3.35684D-02	7.00801D-04	9.23073D-05	-1.32454D-04
127	5.25869D-02	5.26199D-02	-1.56913D-02	6.70488D-04	8.04054D-05	-2.73954D-04
128	4.51672D-02	4.84885D-02	-3.03265D-02	8.27865D-04	1.68263D-04	2.69419D-04
129	4.51254D-02	4.61137D-02	-2.91084D-0[illegible]	8.89347D-04	1.85696D-04	4.29352D-04
130	4.58506D-02	2.62783D-02	-2.66496D-0[illegible]	1.30651D-03	2.83672D-05	8.82796D-04
131	4.18690D-02	4.90448D-02	-2.66907D-02	7.68203D-04	3.69571D-04	7.70115D-04
132	-3.70962D-02	6.11506D-07	2.45122D-02	-5.12774D-04	1.46212D-03	1.48782D-03
133	-3.94539D-02	-5.28725D-02	1.00823D-01	-8.28852D-04	-1.13545D-03	-8.90822D-04
134	4.40798D-02	-1.48454D-06	-2.65656D-02	1.68583D-03	-1.44131D-04	1.19496D-03
135	4.09849D-02	-2.82986D-02	-2.64859D-02	1.87179D-03	-2.34394D-04	1.47040D-03
136	3.52940D-02	-6.90281D-02	-2.63959D-02	1.83063D-03	-2.75495D-04	1.69810D-03
137	-1.17609D-02	-7.52267D-02	2.42733D-02	1.90798D-03	-2.73492D-04	1.74179D-03
138	2.92468D-02	-1.04502D-01	-2.64042D-02	1.56890D-03	-2.96968D-04	1.83695D-03
139	1.19306D-02	-6.37508D-02	-1.38012D-02	2.67501D-04	-3.26048D-04	2.23306D-03
140	3.31651D-03	-3.61037D-06	-5.22326D-03	2.65653D-04	-1.21172D-04	1.67267D-03
141	2.57846D-03	9.75586D-03	-4.49349D-03	3.21073D-04	-3.67160D-05	1.47817D-03
142	2.34618D-03	6.81673D-03	-3.82698D-03	-8.03175D-04	-6.33754D-07	-1.90172D-04
143	2.13536D-03	3.56732D-03	-3.65259D-03	-5.53458D-04	5.18086D-05	-1.73593D-04
144	1.50696D-03	2.22244D-03	-3.67085D-03	7.40084D-04	1.80342D-04	7.50732D-04
145	2.95225D-04	1.27832D-02	-4.40183D-03	2.37623D-03	3.03861D-04	2.14900D-03
146	-2.40106D-01	2.32217D-02	2.48957D-01	1.25743D-02	7.51339D-04	1.19427D-02
147	-8.79529D-04	2.11649D-02	-5.57599D-03	3.86210D-04	2.61592D-04	1.54806D-04
148	-1.32948D-03	1.87928D-02	-6.02530D-03	-7.27355D-04	2.37914D-04	-9.62334D-04
149	-1.85574D-03	1.08329D-02	-6.55069D-03	-1.62798D-03	2.18851D-04	-1.86755D-03
150	-2.34991D-03	1.01217D-06	-7.04501D-03	-1.92816D-03	2.12602D-04	-2.16773D-03
151	-7.03241D-03	1.08334D-02	-2.14437D-03	-1.72010D-03	2.39827D-04	-2.05760D-03
152	-3.49966D-03	-2.20971D-02	-8.19489D-03	-1.92954D-03	2.13335D-04	-2.16912D-03
153	-1.88486D-02	1.08341D-02	7.46680D-03	-1.83416D-03	2.82778D-04	-2.29471D-03
154	-2.84417D-02	3.32589D-03	1.41908D-02	-1.84030D-03	2.85959D-04	-2.30776D-03
155	8.04218D-03	1.51292D-06	-3.17865D-03	-8.15542D-05	1.81345D-04	9.90612D-04
156	1.37761D-02	-1.21936D-02	2.28183D-03	-6.16900D-04	2.33617D-04	6.26207D-04
157	1.73657D-02	-1.05183D-02	5.83551D-03	-7.71350D-04	2.58987D-04	5.26491D-04
158	4.03748D-03	-8.45094D-03	-1.64126D-02	-8.14161D-04	2.62260D-04	5.14275D-04
159	2.15323D-02	-5.31611D-03	9.89532D-03	-8.31033D-04	2.73827D-04	4.58358D-04
160	2.43893D-02	-2.55657D-07	1.27514D-02	-9.24265D-04	2.70087D-04	3.42301D-04
161	3.10563D-02	2.94739D-02	2.01508D-02	-8.76560D-04	-9.68374D-05	3.52895D-04
162	1.70547D-02	-7.06629D-07	-8.11049D-03	-2.05584D-04	-5.74807D-04	1.19559D-03
163	1.35475D-02	-2.00076D-02	-1.73657D-02	-5.80421D-05	-6.11073D-04	1.35968D-03
164	1.11810D-02	-3.56402D-02	-2.43096D-02	1.91896D-05	-6.16299D-04	1.39938D-03
165	3.61130D-03	-1.12328D-01	-5.55302D-02	1.71731D-04	-2.39649D-04	6.56325D-04
166	4.68608D-02	7.07094D-02	1.67845D-03	1.75753D-03	-1.24127D-03	-8.61245D-04
167	6.17049D-02	7.09770D-02	3.14669D-02	1.78267D-03	-1.24261D-03	-8.82491D-04
168	5.07214D-02	7.42169D-02	4.21124D-03	1.74716D-03	-1.23417D-03	-7.96551D-04
169	4.74536D-02	7.68568D-02	-1.00863D-02	1.52555D-03	-8.39520D-04	-3.91244D-04
170	4.54225D-02	7.49290D-02	-1.64465D-02	6.84491D-04	2.62679D-04	-3.39131D-04
171	4.53821D-02	7.49457D-02	-1.93463D-02	1.02701D-03	2.62679D-04	2.46096D-04
172	4.65553D-02	7.49587D-02	-2.24074D-02	1.21850D-03	2.62679D-04	5.71705D-04
173	4.96400D-02	7.49651D-02	-2.87437D-02	1.24239D-03	2.62679D-04	6.11869D-04
174	5.38543D-02	7.49664D-02	-3.71879D-02	1.25458D-03	2.62679D-04	6.29518D-04
175	4.57158D-02	7.63615D-02	-1.45029D-02	5.07779D-04	3.43143D-04	-5.04935D-04

176	2.18871D-02	9.38827D-02	-1.26238D-07	-8.18046D-04	8.74656D-04	-2.10279D-03
177	-8.15307D-03	5.70190D-08	1.85691D-03	-1.66256D-03	-1.88228D-04	7.96817D-04
178	-8.11229D-03	-1.62567D-02	3.64799D-08	-1.57855D-03	2.51050D-04	-2.98451D-04
179	4.04716D-03	1.43401D-08	-1.40173D-02	-1.13754D-03	-2.45911D-04	-2.11633D-04
180	4.36512D-04	5.06909D-03	-1.48507D-03	-6.26820D-04	1.30322D-04	-2.22779D-04
181	1.38181D-04	5.21919D-03	-4.51988D-04	-5.98509D-04	8.81208D-05	-1.83416D-04
182	4.56951D-04	6.57632D-04	-1.32787D-03	-2.39059D-04	-1.11470D-05	-7.85162D-05
183	4.79959D-04	7.01567D-04	-1.39754D-03	-2.33397D-04	-8.70586D-06	-8.09392D-05
184	1.14494D-03	7.90426D-04	-3.21554D-03	-2.36187D-04	-7.16116D-06	-8.77723D-05
185	5.09689D-04	9.52830D-04	-1.47866D-03	-2.15879D-04	-1.75709D-06	-8.76459D-05
186	-3.22527D-04	1.20254D-04	-6.58946D-04	-9.71591D-05	9.24445D-06	-1.27167D-04
187	-3.83540D-04	2.75217D-04	-5.98597D-04	-8.89090D-05	6.94213D-06	-1.26301D-04
188	-4.26219D-04	4.73084D-04	-5.58580D-04	-8.13917D-05	4.84866D-06	-1.25293D-04
189	1.74607D-04	1.00115D-03	-4.86785D-04	-4.63531D-05	-2.39224D-05	-6.52665D-05
190	3.77520D-03	-6.70245D-07	-3.49071D-07	-3.69425D-05	4.26749D-04	-1.05313D-03
191	3.88376D-03	-1.14744D-07	-1.29294D-02	-3.07573D-04	-2.69475D-04	6.27097D-04
192	3.88509D-03	-4.27443D-03	-1.46555D-02	-3.18291D-04	-2.61526D-04	6.41595D-04
193	-1.56885D-03	-1.16913D-02	-2.00846D-02	-2.17643D-04	-2.29587D-04	5.20826D-04
194	1.02876D-02	-1.48758D-02	2.98577D-03	-3.43587D-04	-2.15756D-04	2.24604D-05
195	2.56495D-03	-3.51015D-03	7.14379D-04	-1.93371D-04	-1.36277D-04	-3.37894D-06
196	-1.15216D-03	-1.22590D-02	-2.53413D-03	1.99227D-04	-1.24660D-05	-3.34020D-04
197	4.60419D-03	-1.22440D-02	7.67797D-04	1.92032D-04	-1.01600D-05	-3.38950D-04
198	1.26765D-03	-1.16097D-02	-1.13210D-03	1.82565D-04	-8.29578D-06	-3.34157D-04
199	5.21969D-04	-8.70917D-03	1.59581D-04	-8.40528D-05	7.47050D-05	-1.42440D-04
200	2.28747D-04	-6.89974D-03	1.13750D-03	-1.00826D-04	3.89142D-05	-1.28896D-04
201	-2.07262D-04	-6.90043D-03	1.49728D-03	-1.15114D-04	4.17885D-05	-1.32046D-04
202	-4.79700D-04	-6.90083D-03	1.74281D-03	-1.22046D-04	4.35789D-05	-1.30449D-04
203	-1.03570D-03	-6.58940D-03	2.42787D-03	-1.34778D-04	4.30809D-05	-1.19075D-04
204	-1.11446D-03	-5.97014D-03	2.68312D-03	-1.33904D-04	2.10427D-05	-1.39745D-04
205	-1.13535D-03	-5.26679D-03	2.74978D-03	-1.36319D-04	5.58973D-06	-1.47369D-04
206	1.21182D-04	-5.26423D-03	1.50837D-03	-1.15086D-04	3.61616D-06	-1.23370D-04
207	4.44783D-04	-2.51831D-03	4.86624D-04	-1.47625D-04	-5.40927D-05	-9.89971D-05
208	2.74230D-03	1.24683D-08	-6.94334D-03	-2.13761D-04	-5.17016D-05	-1.06519D-04
209	1.74085D-02	-9.42572D-03	9.79868D-03	-1.06007D-03	-6.78475D-04	3.08523D-03
210	2.31536D-02	-7.83188D-03	1.21162D-02	-1.05409D-03	-7.17574D-04	3.09555D-03
211	-4.48808D-02	-5.18453D-03	-1.03035D-02	-1.06708D-03	-7.17918D-04	3.15232D-03
212	2.94099D-02	-6.16791D-03	1.46337D-02	-1.03269D-03	-7.54914D-04	3.04466D-03
213	6.60019D-02	-2.01617D-07	2.92443D-02	-6.98208D-04	-9.31162D-04	1.89808D-03
214	-8.35838D-05	7.79401D-08	-4.76170D-02	3.25583D-04	-2.23676D-04	7.84783D-04
215	1.79382D-02	-1.45405D-03	-2.24013D-02	-8.32678D-04	4.63627D-04	-3.57004D-04
216	1.37204D-02	-5.14942D-03	-1.91669D-02	-7.45437D-04	3.22240D-04	-3.84842D-04
217	1.38329D-02	-1.40404D-02	-2.39379D-02	-8.09673D-04	1.64691D-04	-4.49698D-04
218	7.54844D-03	-2.22732D-02	-5.95503D-07	-2.50674D-04	-3.68904D-04	-7.42461D-05
219	6.43616D-03	-2.26039D-02	-1.06526D-02	3.19538D-04	-2.83452D-04	4.59772D-06
220	6.44603D-03	-2.26055D-02	-1.12988D-02	3.19920D-04	-2.82916D-04	4.42059D-06
221	6.50517D-03	-2.25255D-02	-9.84990D-03	3.19916D-04	-2.82816D-04	4.18953D-06
222	6.45473D-03	-2.26064D-02	-1.19441D-02	3.20190D-04	-2.82475D-04	4.40629D-06
223	6.51658D-03	-2.26310D-02	-1.72083D-02	3.15226D-04	-2.68429D-04	4.73286D-06
224	6.52560D-03	-2.26316D-02	-1.78425D-02	3.14653D-04	-2.67989D-04	4.77119D-06
225	6.58168D-03	-2.25509D-02	-1.64762D-02	3.14652D-04	-2.67820D-04	4.53991D-06
226	6.53389D-03	-2.26317D-02	-1.84731D-02	3.14020D-04	-2.67710D-04	4.99845D-06
227	3.35576D-03	-1.12641D-02	-9.46453D-03	5.87246D-06	-2.51188D-04	2.79688D-04
228	1.35822D-02	-1.58127D-07	-1.43525D-02	-6.74792D-04	3.57921D-04	-3.08278D-04
229	1.20260D-02	2.26152D-03	-7.64809D-03	-5.37214D-04	3.62031D-04	-2.19284D-04
230	1.11938D-02	2.26314D-03	-5.62413D-03	-4.82406D-04	3.54433D-04	-2.04472D-04
231	4.69987D-07	-9.14315D-04	-5.61792D-08	-1.76947D-04	4.83539D-04	5.25405D-04
232	-5.10557D-03	-9.84530D-04	-2.24568D-03	9.32530D-05	-3.02003D-05	-2.14834D-04
233	-4.67258D-03	-9.84596D-04	-2.05777D-03	9.33920D-05	-3.12212D-05	-2.14691D-04
234	-4.90009D-03	-1.43870D-03	-2.09013D-03	9.34080D-05	-3.12732D-05	-2.14693D-04
235	-4.23922D-03	-9.84620D-04	-1.86930D-03	9.34919D-05	-3.21925D-05	-2.14473D-04

236	-3.16445D-10	2.29415D-03	3.39997D-09	9.49606D-05	1.49994D-04	-7.22977D-05
237	-7.24024D-05	2.29433D-03	-9.34773D-05	9.25455D-05	1.48094D-04	-7.29728D-05
238	-5.12657D-04	2.29461D-03	-6.39175D-04	8.95330D-05	1.45644D-04	-7.39323D-05
239	-5.12778D-04	2.76664D-03	2.79010D-04	8.95330D-05	1.45713D-04	-7.46258D-05
240	-9.54800D-04	2.29426D-03	-1.16752D-03	8.66367D-05	1.43020D-04	-7.38410D-05
241	-1.48633D-04	8.36671D-05	-1.33652D-04	-3.70963D-05	2.40640D-06	2.78956D-05
242	-4.81767D-05	1.34397D-04	3.00348D-06	-1.85374D-05	2.58006D-07	1.29139D-05
243	-4.82390D-05	2.05937D-05	6.73299D-06	-2.12828D-05	6.80311D-07	1.49365D-05
244	-3.16206D-05	1.14581D-04	-6.38470D-07	8.99167D-06	2.61230D-06	-3.18135D-06
245	-1.56608D-05	5.78946D-05	-4.30461D-07	8.19835D-06	2.29218D-06	-2.28466D-06
246	-1.27027D-06	5.79083D-05	5.13352D-05	8.21122D-06	2.29218D-06	-2.28434D-06
247	-2.85474D-06	1.10667D-05	-2.33989D-07	5.67861D-06	1.56033D-06	-1.38877D-06
248	-2.94413D-05	-4.35043D-05	-2.25963D-07	3.02831D-06	-2.47467D-06	-7.26857D-07
249	-1.44933D-05	-2.28761D-05	-1.52232D-07	3.01798D-06	-2.14441D-06	-5.17095D-07
250	-1.12610D-05	-2.28815D-05	1.89038D-05	3.02272D-06	-2.14441D-06	-5.14272D-07
251	-2.59883D-06	-4.78571D-06	-8.27496D-08	2.17175D-06	-1.45153D-06	-3.14325D-07
252	1.29305D-03	-1.11149D-02	-1.11401D-03	1.32465D-04	-3.91496D-06	-3.12474D-04

M O D A L A N A L Y S I S

MODE NUMBER 31
FREQUENCY= 24.7306 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-3.72666D-02	2.56173D-02	1.00697D-02	2.84878D-04	5.55774D-04	-4.48444D-04
3	-3.56344D-02	3.28429D-02	1.84284D-02	5.02859D-04	4.64297D-04	-8.64321D-04
4	-1.95388D-02	3.28234D-02	2.75258D-02	5.04320D-04	4.81523D-04	-9.10378D-04
5	-5.81965D-03	2.85609D-02	3.22801D-02	4.90299D-04	4.85779D-04	-1.07814D-03
6	-5.61889D-03	1.12428D-02	2.32280D-02	5.60791D-04	5.51698D-04	-9.78806D-04
7	-1.87983D-02	-1.46555D-02	-1.47387D-03	6.80880D-04	4.72977D-04	-7.88746D-04
8	-3.16048D-02	-1.23678D-02	-2.25877D-02	8.60608D-04	-7.81049D-05	-4.33845D-04
9	-3.00974D-02	4.75025D-03	-2.19770D-02	4.13826D-04	-2.36956D-05	-7.35900D-04
10	-2.91938D-02	-1.59234D-07	-2.11084D-02	3.02043D-04	-1.33174D-04	-7.42318D-04
11	9.46728D-04	-1.97118D-02	-7.98567D-03	2.15509D-04	-3.50483D-05	-4.18544D-04
12	-6.19098D-03	-8.88537D-07	-7.95183D-03	2.51728D-04	1.85968D-04	-1.52813D-04
13	-1.06764D-02	2.50386D-03	-3.66295D-03	5.59916D-05	1.69251D-04	1.10671D-04
14	-1.07953D-02	-7.36351D-03	4.87994D-03	-1.91409D-04	-4.53490D-06	-1.55321D-04
15	1.45048D-03	-1.24747D-02	4.82110D-03	2.61223D-05	-2.88387D-04	-2.63521D-04
16	8.95080D-03	-4.69393D-03	-3.57598D-03	1.00394D-04	-4.38025D-04	-3.09368D-04
17	8.94733D-03	1.84456D-02	-4.11153D-02	1.83696D-04	-2.31626D-04	-1.29824D-04
18	8.41544D-03	1.82580D-02	-4.29970D-02	2.16078D-04	-7.82219D-06	-1.19642D-05
19	8.91769D-03	1.54641D-02	-4.24738D-02	2.18098D-04	9.48495D-05	4.82958D-05
20	9.97017D-03	1.25215D-02	-3.92756D-02	2.39224D-04	3.09075D-04	1.47172D-04
21	9.91355D-03	1.53323D-03	-1.66322D-02	2.54613D-04	4.38394D-04	2.23110D-04
22	3.88000D-03	-1.30222D-03	-3.79467D-03	1.72793D-04	2.28657D-04	1.19029D-04
23	2.32582D-10	1.58235D-10	-4.98809D-10	2.21783D-08	1.78786D-08	1.52914D-08
25	4.21111D-02	-8.97404D-02	1.29636D-02	-1.38752D-03	-6.16104D-04	-9.46483D-05
26	4.16555D-02	-1.15476D-01	-9.05817D-03	-7.93355D-04	4.68624D-05	8.74974D-04
27	3.17407D-02	-1.15465D-01	-1.76327D-02	-7.30098D-04	1.01372D-04	9.47373D-04
28	-1.52541D-03	-7.29135D-02	-2.24161D-02	2.13763D-04	-6.33464D-05	2.47647D-03
29	-1.51637D-03	-4.51346D-02	-2.18971D-02	3.40904D-04	-5.27347D-05	2.49792D-03
30	-1.16633D-03	-4.33000D-01	7.58768D-03	2.61870D-03	-2.34142D-05	-3.35235D-03
31	-9.86602D-04	-3.95690D-03	-2.08310D-03	-1.57639D-04	-7.46720D-05	-2.80344D-04
32	2.16850D-03	2.30781D-04	1.03228D-03	4.02176D-05	-2.19028D-05	-1.43169D-05
33	2.37956D-03	-1.07561D-03	1.15263D-03	-6.65368D-05	1.03256D-05	-1.22441D-04
34	-8.60308D-04	1.89413D-02	4.36425D-03	-1.22657D-04	7.44839D-05	-3.96001D-04
35	-2.16552D-03	1.87712D-02	4.86806D-03	-2.29616D-04	9.97499D-05	-3.66538D-04
36	1.80584D-03	-4.35377D-03	1.92321D-02	6.77052D-04	5.60266D-04	-8.54439D-04
37	1.08240D-02	-1.18595D-02	2.07331D-02	1.97379D-04	5.01339D-04	-1.81355D-04
38	-2.03975D-02	-1.21605D-02	-1.40607D-02	-8.10974D-04	8.99195D-04	4.68600D-04
39	-1.61893D-02	-2.63167D-02	3.66547D-03	-5.03778D-04	-4.01308D-04	5.25012D-04
40	-7.69771D-03	-3.35044D-02	-3.39406D-04	-1.31123D-04	-8.58927D-04	1.15346D-03
41	4.49173D-04	-3.35066D-02	6.32175D-04	-1.47332D-04	-9.04647D-04	1.11625D-03
42	1.57540D-02	-3.42123D-02	1.88381D-03	3.19933D-05	-7.32773D-04	5.76336D-04
43	2.74929D-02	-3.32274D-02	1.92953D-03	7.60185D-05	-6.36615D-04	2.77847D-04
44	2.96381D-02	-3.03594D-02	2.73151D-03	4.29772D-04	4.82229D-04	-4.51209D-04
45	2.95107D-02	-1.27995D-02	-9.28247D-02	3.37789D-04	-3.93700D-04	2.41887D-04
46	2.94194D-02	-1.31796D-02	-9.26946D-02	3.48031D-04	5.17721D-04	1.45203D-04
47	-2.61652D-02	1.46957D-02	7.53990D-02	-4.28175D-04	-6.29152D-04	-4.25935D-04
48	-2.30191D-02	1.54029D-02	7.03752D-02	-4.76851D-04	-7.86418D-04	-3.56312D-04
49	3.25395D-02	5.82077D-03	1.86840D-02	-2.45097D-04	1.69397D-04	-5.21109D-04
50	1.62556D-02	5.33983D-03	1.49189D-02	2.38986D-04	1.01550D-03	-6.28986D-04
51	1.20800D-02	3.45905D-03	1.02064D-02	2.65335D-04	9.98637D-04	-6.46505D-04

52	1.72333D-04	2.27691D-06	1.39693D-04	1.17179D-05	6.99782D-05	-2.35406D-05
53	1.97466D-10	1.90062D-11	1.83289D-10	1.68666D-09	6.06450D-09	-3.04693D-09
54	3.10410D-03	-4.86096D-02	2.52780D-02	-1.52392D-03	2.98904D-04	-1.92509D-03
55	-3.23062D-03	-1.38157D-01	2.33413D-02	-2.50174D-03	-5.47918D-05	-1.76895D-03
56	4.43155D-03	-1.58836D-01	1.63482D-02	-2.70715D-03	-1.52191D-03	-1.56865D-03
57	-1.21123D-02	2.70074D-03	6.95251D-02	-1.19889D-03	1.39861D-03	-9.06593D-04
58	-2.11189D-02	7.93570D-03	8.16865D-02	-4.00736D-04	-1.01941D-05	-5.88430D-04
59	-2.96424D-02	8.25601D-03	8.77497D-02	-4.08188D-04	-4.66364D-04	-4.36361D-04
60	-1.03401D-02	4.77705D-03	-1.414[illegible]5D-02	3.52437D-04	5.98986D-05	-9.87811D-04
61	7.58125D-03	2.65559D-03	-9.33716D-03	4.37945D-04	3.54252D-04	-1.34896D-03
62	-3.85310D-02	7.74044D-04	-2.79656D-02	3.87958D-04	5.78350D-04	-7.14217D-04
63	-3.99293D-02	-1.88671D-04	-2.5778[illegible]D-02	5.39191D-04	-7.54898D-04	1.27733D-05
64	-4.00461D-02	1.29368D-02	4.64189D-02	8.83443D-05	-9.85396D-04	1.72074D-04
65	-3.49392D-02	1.13249D-02	5.32111D-02	-5.67458D-04	-3.94761D-04	-6.47203D-04
66	-1.39137D-02	1.13544D-02	3.46179D-02	-6.29504D-04	-2.75599D-04	-7.15244D-04
67	-3.05478D-03	1.29595D-03	2.67474D-02	-3.08759D-04	9.30556D-05	-3.45872D-04
68	-2.44647D-02	-1.90529D-02	1.31337D-02	2.56491D-04	-5.24806D-05	3.04859D-05
69	-2.26787D-02	-1.59438D-02	1.34273D-02	4.98227D-04	-3.62140D-04	1.14162D-04
70	-8.40680D-03	5.18731D-03	1.31183D-02	4.94519D-04	-1.82646D-04	2.34203D-04
71	-6.97635D-03	1.14384D-02	8.89176D-03	5.90210D-04	2.91067D-04	2.36604D-04
72	-5.14127D-03	1.24461D-02	1.27165D-03	1.96270D-04	2.05356D-04	5.02012D-05
73	-3.94289D-03	1.26705D-02	1.13358D-02	-1.82284D-04	1.47244D-04	3.01221D-06
74	-3.75913D-03	1.15328D-02	1.06147D-02	-3.38286D-05	1.65307D-04	-1.62539D-04
76	-8.21581D-03	-1.24548D-03	6.41425D-03	3.97007D-04	-2.27195D-04	1.38573D-04
77	-8.05098D-03	-3.55644D-03	2.2361[illegible]D-04	3.26961D-04	-2.37763D-04	4.06422D-05
78	-1.07861D-03	1.04866D-03	-3.57065D-04	1.25246D-04	-2.89398D-04	-3.29270D-04
79	2.11933D-03	1.03958D-03	1.30020D-03	-7.40794D-05	3.17061D-05	1.30656D-04
80	1.16734D-04	8.25049D-05	6.52983D-06	-9.09738D-06	5.61108D-06	2.51163D-05
82	6.81788D-04	-1.26690D-03	9.00133D-0[illegible]	-6.09740D-05	-8.15498D-05	4.86857D-05
83	1.08411D-03	-1.02830D-03	1.43240D-03	-5.21737D-06	-3.83991D-05	5.06131D-05
84	1.27494D-03	-2.08210D-04	1.97222D-03	2.11677D-05	-2.78580D-05	3.65068D-05
85	1.32702D-03	-5.14374D-05	1.88970D-03	4.15612D-05	-6.75146D-06	-1.95143D-05
86	2.82118D-05	-4.48823D-05	-2.48716D-07	1.74193D-05	-3.29009D-07	-1.06966D-05
87	2.71615D-05	-9.27815D-05	-1.52069D-06	3.37269D-06	-7.72484D-07	1.32056D-06
88	2.03863D-05	-7.43986D-05	4.35374D-07	-5.14305D-06	-1.55952D-06	2.41753D-06
90	2.68179D-05	2.63901D-05	-2.18643D-06	6.90124D-06	9.89545D-07	-1.47456D-06
91	1.95209D-05	3.17601D-05	2.57871D-07	-1.78653D-06	1.52036D-06	7.94837D-07
93	-5.65930D-03	3.71780D-03	1.54351D-03	1.60870D-04	3.06629D-04	-1.63751D-04
94	-2.66357D-02	1.80330D-02	7.20366D-03	2.72555D-04	5.28436D-04	-3.71183D-04
95	-2.74962D-03	1.81016D-02	2.85813D-0[illegible]	5.38083D-04	5.45405D-04	-9.97323D-04
96	-1.10289D-03	1.79756D-03	2.08052D-02	6.49988D-04	5.52563D-04	-9.12829D-04
97	-8.52978D-03	4.77646D-03	1.77857D-02	5.79743D-04	5.52627D-04	-9.50535D-04
98	-1.08043D-02	6.29644D-08	1.3530[illegible]D-02	5.98086D-04	5.47274D-04	-9.21931D-04
99	-2.77526D-02	8.46789D-04	-1.91100D-02	7.92342D-04	-3.03726D-05	-4.46359D-04
100	-2.86365D-02	6.22830D-03	-2.02395D-02	6.81594D-04	6.30572D-05	-5.22304D-04
101	-3.00643D-02	6.58146D-03	-2.18706D-02	4.93220D-04	1.96481D-05	-6.70476D-04
102	-2.97197D-02	2.02741D-03	-2.16203D-02	3.46550D-04	-8.82964D-05	-7.38783D-04
103	-2.17093D-02	4.76298D-03	-1.82110D-02	3.70713D-04	1.47767D-05	-8.71527D-04
104	1.04603D-03	-1.77258D-02	-7.97738D-03	2.63136D-04	4.29928D-05	-3.81041D-04
105	-3.12803D-04	-1.19134D-02	-7.97139D-03	2.90941D-04	9.62446D-05	-3.59683D-04
106	1.01677D-02	-1.28599D-02	-4.39305D-04	2.89729D-04	9.63465D-05	-3.90670D-04
107	-3.02182D-03	-5.35938D-03	-7.96284D-03	2.99142D-04	1.44724D-04	-2.75301D-04
108	-1.06926D-02	1.44055D-03	-2.32843D-03	3.95819D-05	1.55066D-04	1.27798D-04
109	-1.10219D-02	4.63615D-04	-2.24511D-03	-1.42597D-04	-3.03611D-05	-6.10198D-05
110	-1.08138D-02	-6.54418D-05	-2.20937D-03	-9.14153D-05	-8.71583D-05	-1.41942D-04
111	-1.01945D-02	-2.58603D-04	-2.15275D-03	1.48255D-04	-1.48299D-04	-2.70068D-04
112	-9.21392D-03	1.24445D-03	-2.10811D-03	4.44424D-04	-1.61487D-04	-3.52616D-04
113	2.98255D-03	4.69478D-03	4.45568D-02	2.32143D-03	-5.46912D-05	-4.89511D-04
114	-8.10360D-03	2.50074D-03	-2.10821D-03	7.72308D-05	-1.98501D-04	-3.56347D-04
115	-7.53804D-03	2.26336D-03	-2.10826D-03	-1.28213D-04	-2.19430D-04	-3.59548D-04

116	-6.74520D-03	1.31876D-03	-2.10832D-03	-2.94333D-04	-2.36448D-04	-3.63663D-04
117	-5.91128D-03	1.32098D-07	-2.10838D-03	-3.49744D-04	-2.42314D-04	-3.63663D-04
118	-7.82647D-03	1.31882D-03	-1.32120D-03	-3.04393D-04	-2.09940D-04	-4.51344D-04
119	-4.06611D-03	-2.66828D-03	-2.10844D-03	-3.49986D-04	-2.41945D-04	-3.63663D-04
120	-1.06024D-02	1.31894D-03	3.54613D-04	-3.16667D-04	-1.55662D-04	-5.61452D-04
121	-1.24418D-02	5.06420D-04	1.60338D-03	-3.17299D-04	-1.51642D-04	-5.67630D-04
122	-1.07134D-02	9.81786D-08	-8.68845D-04	2.23658D-05	1.37112D-04	1.40747D-04
123	-1.07502D-02	-2.87421D-03	1.40867D-03	-1.03449D-05	1.04125D-04	1.47144D-04
124	-1.08278D-02	-9.04266D-03	4.57173D-03	-9.29824D-05	3.22208D-05	7.99531D-05
125	-1.08412D-02	-9.74532D-03	4.81649D-03	-1.10199D-04	1.97680D-05	5.18551D-05
126	-1.08617D-02	-1.04705D-02	5.06660D-03	-1.31547D-04	7.15223D-06	9.95446D-06
127	-1.20787D-02	-1.08208D-02	1.60615D-03	-1.29630D-04	9.95060D-06	4.32240D-05
128	-1.08302D-02	-9.56157D-03	5.03046D-03	-1.56795D-04	-2.99321D-06	-7.46386D-05
129	-1.08182D-02	-8.94692D-03	4.98222D-03	-1.69012D-04	-4.85286D-06	-1.06816D-04
130	-1.04601D-02	-4.83864D-03	4.87717D-03	-2.43383D-04	4.21433D-05	-1.93802D-04
131	-1.04618D-02	-9.23145D-03	4.87297D-03	-1.50919D-04	-5.41289D-05	-1.70982D-04
132	8.95492D-03	-8.30192D-08	-1.03279D-02	1.13786D-04	-4.50881D-04	-3.01922D-04
133	9.95686D-03	9.91917D-03	-3.38170D-02	2.43561D-04	3.81719D-04	1.83062D-04
134	-9.10939D-03	9.81704D-08	4.87186D-03	-2.97846D-04	8.88992D-05	-2.53273D-04
135	-7.50829D-03	4.86410D-03	4.86613D-03	-3.15885D-04	1.09118D-04	-3.05748D-04
136	-5.05180D-03	1.16230D-02	4.85921D-03	-2.99320D-04	1.11273D-04	-3.49127D-04
137	4.89538D-03	1.27650D-02	-3.27625D-03	-3.10435D-04	1.11538D-04	-3.64703D-04
138	-2.78462D-03	1.73387D-02	4.86577D-03	-2.50849D-04	1.03775D-04	-3.60827D-04
139	9.66123D-04	9.20662D-03	2.553[illegible]8D-03	-3.29460D-05	4.83866D-05	-3.58505D-04
140	2.15648D-03	6.72335D-07	1.37326D-03	-4.91405D-05	2.15921D-05	-1.97969D-04
141	2.31246D-03	-7.90639D-04	1.21875D-03	-6.35975D-05	1.48787D-05	-1.47806D-04
142	2.17268D-03	-1.26432D-03	1.05417D-03	-1.05325D-05	4.18887D-05	-2.86091D-05
143	2.07707D-03	-1.27275D-03	9.47953D-04	-9.51608D-06	4.99573D-05	7.43649D-07
144	1.89710D-03	-1.23297D-03	7.51200D-04	-3.46454D-05	5.82369D-05	2.04903D-05
145	1.64832D-03	-1.33624D-03	4.89213D-04	-7.47742D-05	5.94600D-05	9.27422D-06
146	5.92288D-03	-1.65681D-03	-7.01888D-03	-3.70894D-04	4.80738D-05	-2.37919D-04
147	1.38753D-03	-1.25734D-03	2.28168D-04	-9.31851D-06	6.26820D-05	7.53881D-05
148	1.26852D-03	-1.02325D-03	1.09023D-04	2.73429D-05	6.45245D-05	1.12614D-04
149	1.11139D-03	-5.59326D-04	-4.82616D-05	5.70309D-05	6.60405D-05	1.43028D-04
150	9.51519D-04	-3.32464D-08	-2.08167D-04	6.69238D-05	6.65956D-05	1.52920D-04
151	1.51871D-03	-5.59341D-04	-2.07503D-04	6.36420D-05	6.27349D-05	1.65105D-04
152	5.92459D-04	1.18609D-03	-5.67260D-04	6.69999D-05	6.65941D-05	1.52997D-04
153	2.49428D-03	-5.59362D-04	-5.75979D-04	7.19320D-05	5.59664D-05	1.92818D-04
154	3.15767D-03	-7.68167D-05	-9.61361D-04	7.23926D-05	5.54651D-05	1.94368D-04
155	2.01630D-03	-1.16699D-06	8.82407D-04	7.67350D-05	-2.55541D-05	1.03712D-05
156	1.04843D-03	-4.99477D-03	-7.44009D-05	1.12506D-04	-4.86461D-05	-5.11706D-06
157	2.73588D-04	-6.15793D-03	-8.60301D-04	5.75448D-05	-5.93530D-05	-7.64297D-05
158	2.43882D-03	-6.42312D-03	8.66904D-04	6.09849D-05	-5.90954D-05	-8.41995D-05
159	-7.37773D-04	-4.75749D-03	-1.84002D-03	-4.50078D-05	-6.89830D-05	-1.73839D-04
160	-1.54728D-03	1.69638D-06	-2.63654D-03	-4.10535D-04	-8.31112D-05	-5.20284D-04
161	-5.06832D-03	9.33102D-02	-6.75418D-03	-8.23696D-04	-2.92136D-05	-4.89747D-04
162	-3.66244D-03	-3.16640D-06	-3.39979D-03	1.59485D-03	9.71194D-05	3.57842D-03
163	-3.06552D-03	-7.76517D-02	-1.75469D-03	2.18490D-03	1.05612D-04	4.46739D-03
164	-2.68319D-03	-1.39496D-01	-5.79030D-04	2.48916D-03	1.07322D-04	4.77153D-03
165	-1.29027D-03	-4.50496D-01	5.67199D-03	3.01949D-03	7.45046D-05	2.34906D-03
166	-1.71247D-02	-1.21572D-02	-8.43861D-03	-7.97526D-04	8.94881D-04	4.68333D-04
167	-2.51929D-02	-1.22831D-02	-2.19944D-02	-8.21616D-04	8.98707D-04	4.81062D-04
168	-1.88720D-02	-1.43919D-02	-6.94484D-03	-8.08220D-04	8.94419D-04	4.51100D-04
169	-1.65622D-02	-1.70519D-02	3.52019D-03	-7.72167D-04	6.15946D-04	3.33261D-04
170	-1.54126D-02	-2.24399D-02	7.73903D-03	-5.92290D-04	-2.52148D-04	3.83583D-04
171	-1.44376D-02	-2.24450D-02	1.00898D-02	-8.03028D-04	-2.52148D-04	2.24046D-04
172	-1.39746D-02	-2.24490D-02	1.24334D-02	-9.21039D-04	-2.52148D-04	1.35587D-04
173	-1.33216D-02	-2.24510D-02	1.72102D-02	-9.35822D-04	-2.52148D-04	1.24765D-04
174	-1.24994D-02	-2.24514D-02	2.35647D-02	-9.43727D-04	-2.52148D-04	1.20573D-04
175	-1.57545D-02	-2.40769D-02	5.92123D-03	-5.48746D-04	-3.35592D-04	4.50922D-04

176	-4.14213D-03	-3.35055D-02	1.06622D-07	-1.37948D-04	-8.78521D-04	1.14328D-03
177	2.97212D-02	-3.93227D-08	3.07941D-02	4.04877D-04	3.04574D-04	-4.67994D-04
178	2.96937D-02	7.98079D-03	-9.70638D-08	3.70899D-04	-1.27308D-03	1.91985D-04
179	-1.91459D-02	-5.44101D-09	6.46212D-02	1.38330D-04	7.60549D-04	-1.16569D-04
180	-4.25288D-03	4.39821D-03	1.40558D-02	-2.44462D-04	2.85847D-04	1.01872D-05
181	-5.75335D-03	3.48432D-03	1.88153D-02	-2.73904D-04	6.35974D-04	1.69979D-05
182	-3.13357D-02	3.88558D-03	9.39221D-02	-4.09302D-04	-3.41366D-04	-4.08544D-04
183	-3.06467D-02	5.80874D-03	9.13825D-02	-4.09043D-04	-4.00739D-04	-4.20310D-04
184	-2.59934D-02	8.23866D-03	8.49040D-02	-3.88458D-04	-2.53968D-04	-5.16852D-04
185	-2.84311D-02	1.07998D-02	8.34075D-02	-4.15329D-04	-5.49189D-04	-4.34336D-04
186	2.07282D-02	4.38075D-03	2.99357D-02	-4.55942D-04	-5.44825D-04	-3.55603D-04
187	2.46122D-02	3.32212D-03	2.62418D-02	-4.38175D-04	-4.58266D-04	-3.68772D-04
188	2.77164D-02	2.57034D-03	2.34437D-02	-4.17031D-04	-3.75824D-04	-3.85087D-04
189	1.41636D-02	4.41425D-03	1.25844D-02	2.51924D-04	1.00972D-03	-6.37815D-04
190	-1.29109D-03	-2.69101D-06	4.22470D-09	1.89838D-03	-1.33913D-04	-4.21159D-03
191	-1.49770D-03	-4.47177D-07	-2.11514D-02	4.90971D-04	-6.30554D-05	2.44168D-03
192	-1.50471D-03	-1.66341D-02	-2.14582D-02	4.35232D-04	-5.54620D-05	2.48950D-03
193	-2.29188D-02	-4.54388D-02	-1.70925D-02	6.40917D-04	-2.48408D-05	2.05852D-03
194	3.15716D-02	-6.61157D-02	9.32672D-03	-1.34156D-03	-6.28886D-04	-1.44755D-04
195	8.13768D-03	-1.64883D-02	2.34535D-03	-8.37825D-04	-4.23968D-04	-1.40127D-04
196	-1.02866D-02	-4.85643D-02	3.56392D-02	-1.44214D-03	2.95381D-04	-1.89580D-03
197	2.24085D-02	-4.94044D-02	1.00655D-02	-1.51989D-03	2.98459D-04	-1.93625D-03
198	6.94616D-04	-6.57921D-02	2.45423D-02	-1.61833D-03	2.97281D-04	-1.93102D-03
199	8.61988D-03	-1.52564D-01	2.63555D-03	-2.62018D-03	-1.65530D-03	-1.58185D-03
200	1.78183D-02	-1.37516D-01	-2.74993D-02	-2.40090D-03	-1.72054D-03	-1.75647D-03
201	1.16724D-02	-1.37530D-01	-1.99490D-02	-2.19941D-03	-1.77485D-03	-1.89029D-03
202	7.74159D-03	-1.37538D-01	-1.55064D-02	-2.13611D-03	-1.80868D-03	-1.87546D-03
203	2.79336D-03	-1.33627D-01	-1.41243D-02	-2.12980D-03	-1.84543D-03	-1.58308D-03
204	6.78520D-03	-1.26117D-01	-2.72764D-02	-1.97418D-03	-1.64635D-03	-1.90016D-03
205	9.79633D-03	-1.16632D-01	-3.72033D-02	-1.91315D-03	-1.48053D-03	-1.93289D-03
206	2.65921D-02	-1.16575D-01	-5.62330D-02	-2.16223D-03	-1.41390D-03	-1.99373D-03
207	3.51865D-02	-6.39492D-02	-8.44909D-02	-1.87940D-03	7.01663D-05	-1.82176D-03
208	-9.87517D-03	5.85956D-08	6.22491D-02	-1.24800D-03	1.52047D-03	-8.94829D-04
209	5.63697D-04	9.47593D-04	-1.22617D-02	4.69472D-04	5.19071D-04	-1.42380D-03
210	-3.82037D-03	7.02385D-05	-1.40423D-02	4.70922D-04	5.41901D-04	-1.43203D-03
211	2.79410D-02	-1.16029D-03	-4.44841D-03	4.65161D-04	5.42608D-04	-1.46840D-03
212	-8.49573D-03	-7.52564D-04	-1.59272D-02	4.72861D-04	5.62817D-04	-1.40304D-03
213	-3.39467D-02	2.34000D-08	-2.61311D-02	4.17978D-04	6.32398D-04	-8.17894D-04
214	-3.30061D-03	-2.42149D-08	2.65910D-02	-3.00235D-04	1.03731D-04	-3.40050D-04
215	-1.09497D-02	2.60064D-04	1.31940D-02	5.18293D-04	-2.85686D-04	2.05679D-04
216	-8.34827D-03	2.83923D-03	1.11907D-02	4.64047D-04	-1.99182D-04	2.14270D-04
217	-8.41633D-03	7.82362D-03	1.42099D-02	5.00666D-04	-1.07744D-04	2.53319D-04
218	-4.88504D-03	1.24644D-02	3.49752D-07	1.54818D-04	2.01949D-04	4.20176D-05
219	-4.06651D-03	1.26545D-02	5.98501D-03	-1.87642D-04	1.56528D-04	3.03661D-06
220	-4.06073D-03	1.26554D-02	6.36454D-03	-1.87899D-04	1.56243D-04	3.18636D-06
221	-4.09197D-03	1.26397D-02	5.56741D-03	-1.87897D-04	1.56185D-04	3.31886D-06
222	-4.05413D-03	1.26560D-02	6.74366D-03	-1.88090D-04	1.56013D-04	3.24132D-06
223	-3.98353D-03	1.26701D-02	9.84533D-03	-1.86025D-04	1.48685D-04	4.21459D-06
224	-3.97469D-03	1.26705D-02	1.02197D-02	-1.85709D-04	1.48455D-04	4.21843D-06
225	-4.00399D-03	1.26609D-02	9.46603D-03	-1.85708D-04	1.48356D-04	4.35120D-06
226	-3.96533D-03	1.26705D-02	1.05920D-02	-1.85356D-04	1.48320D-04	4.11084D-06
227	-1.96311D-03	6.39197D-03	5.52311D-03	-4.15394D-06	1.45957D-04	-1.58177D-04
228	-8.26493D-03	7.66429D-08	8.23789D-03	4.21574D-04	-2.18510D-04	1.69928D-04
229	-7.40881D-03	-1.24706D-03	4.09409D-03	3.35982D-04	-2.19625D-04	1.20540D-04
230	-6.95086D-03	-1.24803D-03	2.82828D-03	3.01095D-04	-2.14875D-04	1.13144D-04
231	-2.84137D-07	1.04907D-03	3.17467D-08	1.21571D-04	-2.85704D-04	-3.19816D-04
232	3.26993D-03	1.04109D-03	1.93684D-03	-7.27913D-05	2.52592D-05	1.32611D-04
233	3.00258D-03	1.04098D-03	1.79007D-03	-7.29723D-05	2.58772D-05	1.32545D-04
234	3.17900D-03	1.40474D-03	1.81574D-03	-7.29881D-05	2.59119D-05	1.32546D-04
235	2.73492D-03	1.04084D-03	1.64270D-03	-7.31196D-05	2.64619D-05	1.32431D-04

236	1.80628D-10	-1.26691D-03	-2.06647D-09	-6.78078D-05	-8.70715D-05	4.82866D-05
237	4.83410D-05	-1.26702D-03	6.69214D-05	-6.62634D-05	-8.58840D-05	4.85762D-05
238	3.40843D-04	-1.26720D-03	4.58430D-04	-6.43135D-05	-8.43519D-05	4.89843D-05
239	3.40926D-04	-1.57946D-03	-7.31560D-05	-6.43135D-05	-8.43707D-05	4.93896D-05
240	6.33409D-04	-1.26701D-03	8.38507D-04	-6.24213D-05	-8.27733D-05	4.87599D-05
241	8.81043D-05	-4.54495D-05	8.76413D-05	2.38869D-05	-8.80939D-07	-1.67661D-05
242	2.79202D-05	-7.57103D-05	-1.30071D-06	1.21969D-05	1.52418D-08	-7.71540D-06
243	2.79434D-05	-8.48582D-06	-2.66251D-06	1.36881D-05	-3.58119D-07	-8.81382D-06
244	1.84733D-05	-6.76319D-05	3.64508D-07	-5.26466D-06	-1.52457D-06	1.98426D-06
245	9.15238D-06	-3.42724D-05	2.45498D-07	-4.82874D-06	-1.33875D-06	1.42525D-06
246	1.73716D-07	-3.42807D-05	-3.02456D-05	-4.83651D-06	-1.33875D-06	1.42520D-06
247	1.66990D-06	-6.59696D-06	1.33447D-07	-3.35364D-06	-9.11607D-07	8.66361D-07
248	1.76820D-05	2.90156D-05	2.16320D-07	-2.02484D-06	1.47415D-06	6.50713D-07
249	8.73169D-06	1.52460D-05	1.46541D-07	-2.01416D-06	1.28495D-06	4.64764D-07
250	5.81715D-06	1.52497D-05	-1.25718D-05	-2.01739D-06	1.28495D-06	4.63270D-07
251	1.57873D-06	3.18425D-06	7.96564D-08	-1.44829D-06	8.72221D-07	2.82514D-07
252	-1.94050D-03	-8.92487D-02	2.37384D-02	-2.09087D-03	2.02444D-04	-1.91808D-03

4

5

04

3

4

4

1.57545D 02 2.40769D 02 5.92123D 03 5.48746D 04 3.35592D 04 4.50922D 04

M O D A L A N A L Y S I S

MODE NUMBER 32
FREQUENCY= 24.9319 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.27752D-01	-1.18195D-01	-3.44814D-02	-1.29779D-03	-1.86919D-03	1.66374D-03
3	1.19048D-01	-1.44024D-01	-6.02396D-02	-1.25458D-03	-1.34174D-03	3.03677D-03
4	6.26200D-02	-1.43959D-01	-8.24647D-02	-1.20526D-03	-1.36815D-03	3.19101D-03
5	1.35663D-02	-1.26681D-01	-9.01514D-02	-8.68566D-04	-1.41048D-03	3.81892D-03
6	8.20430D-03	-5.14405D-02	-6.06267D-02	-9.60826D-04	-1.55370D-03	3.56692D-03
7	4.48728D-02	6.59318D-02	8.06024D-03	-1.57183D-03	-1.30268D-03	2.70818D-03
8	7.94174D-02	6.30267D-02	6.50285D-02	-2.66227D-03	2.28788D-04	8.85669D-04
9	7.36945D-02	-1.90099D-02	6.15359D-02	-7.89533D-04	4.09266D-05	2.12422D-03
10	7.15638D-02	7.81520D-07	5.91758D-02	-4.09207D-04	3.25045D-04	2.14999D-03
11	6.87978D-03	8.90432D-02	2.867[illegible]1D-02	-8.91435D-04	2.08024D-04	5.85856D-04
12	3.01189D-03	4.37955D-06	2.83560D-02	-1.15461D-03	-4.22467D-05	-9.82810D-05
13	5.19145D-03	-6.85335D-03	2.58029D-02	-5.41812D-04	-7.28245D-05	-4.00077D-04
14	5.32256D-03	-1.34486D-02	1.10160D-02	-4.06436D-04	-3.57760D-04	-1.79389D-04
15	4.97115D-02	-3.75809D-02	1.14064D-02	-1.95517D-04	-8.38698D-04	-7.96972D-04
16	7.15949D-02	-1.80196D-02	-1.41720D-02	3.95190D-05	-1.40875D-03	-1.15837D-03
17	7.09606D-02	8.95916D-02	-1.46146D-01	3.54533D-04	-9.69708D-04	-7.48724D-04
18	6.73987D-02	9.40238D-02	-1.56105D-01	5.00605D-04	-2.93464D-04	-1.76714D-04
19	6.56255D-02	8.82903D-02	-1.57643D-01	5.14669D-04	8.52580D-05	1.39625D-04
20	6.78876D-02	7.81871D-02	-1.48841D-01	6.57958D-04	1.03181D-03	7.07198D-04
21	6.71013D-02	1.94557D-02	-6.43627D-02	8.33404D-04	1.73489D-03	1.32440D-03
22	2.95183D-02	-4.73223D-03	-1.39042D-02	6.18691D-04	1.04108D-03	1.02280D-03
23	2.71575D-09	6.94706D-10	-1.97656D-09	8.17764D-08	9.43976D-08	1.37274D-07
25	3.70785D-03	-9.06377D-03	1.14737D-03	-1.32063D-04	-5.16162D-05	-1.87188D-05
26	3.43665D-03	-1.11691D-02	-3.34260D-04	-2.57893D-05	2.13337D-05	8.42001D-05
27	2.48361D-03	-1.11687D-02	-5.89002D-04	-1.81462D-05	2.79699D-05	9.09623D-05
28	-6.94574D-04	-7.08927D-03	-3.04643D-04	7.88472D-05	2.51383D-05	2.40082D-04
29	-6.93347D-04	-4.39624D-03	-6.073[illegible]7D-04	9.20238D-05	2.78235D-05	2.42749D-04
30	-6.16572D-04	-4.24527D-02	7.75648D-03	3.44735D-04	-5.66528D-05	-3.29811D-04
31	-3.56109D-03	3.75570D-04	-4.34598D-03	1.41375D-04	-6.59604D-05	-9.81816D-05
32	-8.69847D-04	-1.73079D-03	-1.68563D-03	-2.55979D-05	1.38418D-05	-2.55137D-04
33	-3.08022D-03	-4.46614D-03	-1.1627[illegible]D-03	-9.28046D-05	1.43830D-04	-3.82399D-04
34	-1.57344D-02	3.53851D-02	1.15486D-02	-2.15545D-04	4.45707D-05	-6.18177D-04
35	-1.52490D-02	3.43262D-02	1.15325D-02	-4.20952D-04	-1.03726D-04	-5.21378D-04
36	-1.25925D-02	-1.53619D-02	-4.94174D-02	-9.00992D-04	-1.53808D-03	2.92535D-03
37	-3.90377D-02	-1.66567D-03	-4.56165D-02	9.56728D-05	-9.69245D-04	7.80066D-04
38	6.76959D-03	-1.82970D-03	2.18750D-02	1.01263D-03	-1.14948D-03	-7.94319D-04
39	1.37382D-03	2.12964D-02	-3.37430D-03	1.21550D-04	2.59411D-04	-2.29587D-04
40	1.62949D-03	2.24253D-02	-4.56651D-04	-1.25341D-04	2.54584D-04	1.31970D-04
41	2.73002D-03	2.24328D-02	5.41775D-04	-1.29192D-04	1.79570D-04	1.65140D-04
42	5.75281D-03	2.19672D-02	1.37819D-03	-6.27463D-06	-1.91281D-04	4.15650D-04
43	9.35937D-03	2.19820D-02	1.39530D-03	-7.76656D-07	-2.07426D-04	4.06356D-04
44	1.02340D-02	1.82540D-02	1.52858D-03	-1.98104D-05	1.58754D-04	3.99829D-04
45	1.03853D-02	7.08594D-03	-3.34645D-02	-1.70360D-04	-1.64678D-04	-1.14781D-04
46	1.03692D-02	7.25197D-03	-3.35020D-02	-1.78877D-04	1.45242D-04	-6.14350D-05
47	-4.36540D-03	1.72615D-03	1.25879D-02	-4.09012D-05	-9.58548D-05	-3.85231D-05
48	-3.86394D-03	1.77335D-03	1.17907D-02	-4.74934D-05	-1.28622D-04	-3.10173D-05
49	5.39665D-03	5.16710D-04	3.17209D-03	-2.86882D-05	2.87430D-05	-6.87455D-05
50	2.65295D-03	6.75660D-04	2.53900D-03	4.71030D-05	1.70710D-04	-9.22814D-05
51	1.95092D-03	4.45786D-04	1.74668D-0[illegible]	5.14773D-05	1.67819D-04	-9.58056D-05

52	2.84307D-05	4.13723D-07	2.39125D-05	2.07127D-06	1.18819D-05	-3.65428D-06
53	3.33001D-11	3.45350D-12	3.11689D-11	2.95677D-10	1.02972D-09	-4.78278D-10
54	1.74285D-04	-4.77041D-03	4.00670D-03	-2.11724D-04	4.97596D-05	-2.04474D-04
55	-9.53114D-04	-1.62080D-02	3.64984D-03	-3.26263D-04	-4.07606D-06	-1.91209D-04
56	2.95311D-04	-1.90181D-02	2.49273D-03	-3.38322D-04	-2.44263D-04	-1.76212D-04
57	-2.88081D-03	3.90976D-04	1.26732D-02	-1.26710D-04	2.10738D-04	-1.16668D-04
58	-4.02214D-03	1.13103D-03	1.40517D-02	-2.30531D-05	3.17164D-07	-6.27600D-05
59	-4.88023D-03	1.15640D-03	1.44347D-0	-3.63081D-05	-6.64484D-05	-3.85576D-05
60	9.55696D-03	-1.91503D-02	5.44280D-02	-2.66178D-04	-3.53765D-04	3.32727D-03
61	-5.32674D-02	-1.67819D-03	5.25084D-02	-1.34325D-03	-1.57801D-03	4.74217D-03
62	1.44262D-01	-5.20957D-03	1.32648D-01	-1.65420D-03	-2.42815D-03	2.40702D-03
63	1.49862D-01	-4.65666D-03	1.22832D-01	-2.06135D-03	3.26057D-03	-5.76495D-05
64	1.50377D-01	-5.14398D-02	-1.88416D-01	-2.87255D-04	4.24318D-03	-6.13456D-04
65	1.32897D-01	-4.60765D-02	-2.17503D-01	2.40086D-03	1.73662D-03	2.24370D-03
66	5.97838D-02	-4.61601D-02	-1.39123D-01	2.65673D-03	1.19801D-03	2.49933D-03
67	2.03322D-02	-5.38876D-03	-1.05434D-01	1.45925D-03	-3.38078D-04	1.11962D-03
68	1.02503D-01	8.06217D-02	-5.29949D-02	-1.03551D-03	2.53224D-04	-1.53965D-04
69	9.48989D-02	6.77852D-02	-5.42808D-02	-2.06756D-03	1.51930D-03	-4.92418D-04
70	3.51356D-02	-2.02758D-02	-5.30382D-02	-2.06098D-03	7.73509D-04	-9.23718D-04
71	2.94869D-02	-4.49844D-02	-3.63936D-02	-2.43748D-03	-1.14597D-03	-9.34787D-04
72	2.22425D-02	-4.89661D-02	-5.27245D-03	-8.16133D-04	-7.93290D-04	-2.00411D-04
73	1.61805D-02	-4.98657D-02	-4.50750D-02	7.39129D-04	-5.73287D-04	-3.38603D-05
74	1.50851D-02	-4.56845D-02	-4.25346D-02	1.37075D-04	-6.59144D-04	6.39795D-04
76	3.43435D-02	4.84791D-03	-2.50801D-02	-1.66365D-03	9.38683D-04	-5.36511D-04
77	3.36590D-02	1.36265D-02	3.43117D-04	-1.37931D-03	9.73450D-04	-1.40315D-04
78	4.51027D-03	-5.75467D-03	1.59712D-03	-5.56998D-04	1.16366D-03	1.37756D-03
79	-9.50321D-03	-5.57062D-03	-6.61619D-03	3.55269D-04	-1.63817D-04	-5.55263D-04
80	-5.32621D-04	-5.04443D-04	-3.19704D-05	5.20032D-05	-2.77913D-05	-1.06557D-04
82	-3.00786D-03	4.93759D-03	-4.06566D-03	2.76096D-04	3.26780D-04	-2.13877D-04
83	-4.68068D-03	3.98355D-03	-6.31903D-03	4.02037D-05	1.45214D-04	-2.05364D-04
84	-5.39213D-03	7.92332D-04	-8.33239D-03	-7.61183D-05	1.03137D-04	-1.43266D-04
85	-5.55646D-03	1.96886D-04	-7.96344D-03	-1.70816D-04	1.65860D-05	8.37567D-05
86	-1.14250D-04	1.71804D-04	-1.73781D-06	-7.45373D-05	8.06442D-07	4.42096D-05
87	-1.10267D-04	3.74436D-04	6.17706D-06	-1.56938D-05	3.03803D-06	-5.31102D-06
88	-8.28484D-05	3.03436D-04	-1.72840D-06	2.08105D-05	6.33394D-06	-1.00893D-05
90	-1.09430D-04	-1.20281D-04	7.79443D-06	-2.92013D-05	-3.56758D-06	5.38821D-06
91	-8.07492D-05	-1.40203D-04	-1.30437D-06	7.96111D-06	-6.23712D-06	-3.87744D-06
93	1.96833D-02	-1.81066D-02	-5.35468D-03	-8.04704D-04	-1.06047D-03	6.42291D-04
94	9.17504D-02	-8.47094D-02	-2.47825D-02	-1.29242D-03	-1.79719D-03	1.40074D-03
95	1.00020D-04	-8.21310D-02	-7.57518D-02	-9.15966D-04	-1.54618D-03	3.64472D-03
96	-4.51396D-03	-2.88075D-02	-5.37928D-02	-9.14379D-04	-1.53924D-03	3.16994D-03
97	1.63720D-02	-2.18960D-02	-4.53609D-02	-1.04957D-03	-1.54726D-03	3.46023D-03
98	2.27242D-02	-4.85350D-07	-3.34825D-02	-1.14259D-03	-1.52614D-03	3.33328D-03
99	6.83164D-02	4.66989D-03	5.48305D-02	-2.45501D-03	1.13232D-04	8.48632D-04
100	7.00555D-02	-2.14282D-02	5.71521D-02	-1.99406D-03	-1.42425D-04	1.15708D-03
101	7.35212D-02	-2.62059D-02	6.11674D-02	-1.15409D-03	-5.80163D-05	1.82089D-03
102	7.28433D-02	-8.01369D-03	6.0543 D-0	-5.62877D-04	2.12862D-04	2.13420D-03
103	4.75179D-02	-1.90761D-02	5.68303D-02	-4.37202D-04	-1.40721D-04	2.78106D-03
104	5.45482D-03	8.05050D-02	2.85496D-02	-1.16910D-03	1.20826D-04	4.01831D-04
105	3.43398D-03	5.42864D-02	2.84677D-02	-1.33077D-03	6.78054D-05	2.97030D-04
106	-5.26050D-03	5.53194D-02	-7.90458D-03	-1.35290D-03	6.96667D-05	3.24782D-04
107	2.66132D-03	2.44247D-02	2.84174D-02	-1.36446D-03	1.58938D-05	1.35783D-04
108	5.20066D-03	-3.27803D-03	2.51406D-02	-5.04737D-04	-4.34909D-05	-3.39015D-04
109	5.47292D-03	1.43806D-03	2.46202D-0.	7.25217D-04	-9.95885D-05	-5.26411D-05
110	5.81331D-03	4.30273D-03	2.43968D-0.	4.25265D-04	-1.71651D-04	7.00908D-05
111	6.91757D-03	4.88376D-03	2.40426D-02	-1.06432D-03	-3.45180D-04	2.64416D-04
112	9.38040D-03	-5.34244D-03	2.37633D-02	-2.93056D-03	-5.10389D-04	3.89615D-04
113	-3.38308D-03	-2.34500D-02	-2.75553D-01	-1.47145D-02	-1.21868D-03	5.94568D-04
114	1.20760D-02	-1.41216D-02	2.37651D-02	-6.38964D-04	-4.14745D-04	3.96812D-04
115	1.30499D-02	-1.30520D-02	2.37662D-0.	6.42113D-04	-3.61079D-04	4.02886D-04

116	1.41344D-02	-7.69199D-03	2.37674D-02	1.67655D-03	-3.17807D-04	4.10924D-04
117	1.51170D-02	-8.25699D-07	2.37682D-02	2.02281D-03	-3.03531D-04	4.10924D-04
118	1.54574D-02	-7.69244D-03	1.94272D-02	1.63466D-03	-3.68991D-04	5.80040D-04
119	1.74422D-02	1.54326D-02	2.37688D-02	2.02423D-03	-3.05139D-04	4.10924D-04
120	1.92500D-02	-7.69326D-03	1.08115D-02	1.57936D-03	-4.73795D-04	7.92461D-04
121	2.36375D-02	-3.65421D-03	4.60468D-03	1.57584D-03	-4.81557D-04	8.04389D-04
122	5.21463D-03	-2.16914D-06	2.49715D-02	-4.80022D-04	-9.94327D-08	-2.12515D-04
123	5.23987D-03	1.12474D-03	2.58544D-02	-4.33065D-04	4.73068D-05	2.59522D-05
124	5.29602D-03	-8.35114D-03	2.73483 -02	-3.14437D-04	-6.31390D-05	2.17594D-04
125	5.30633D-03	-1.06324D-02	2.65270D-02	-2.89722D-04	-1.22671D-04	1.83838D-04
126	5.32246D-03	-1.40795D-02	2.31800D-02	-2.59076D-04	-2.13805D-04	9.53662D-05
127	3.53008D-03	-1.46434D-02	1.75298D-02	-2.13451D-04	-2.14636D-04	8.54840D-05
128	5.32296D-03	-1.50199D-02	1.75123D-02	-3.21229D-04	-2.95416D-04	-1.48489D-05
129	5.32298D-03	-1.47861D-02	1.55592D-02	-3.51302D-04	-3.22655D-04	-7.17059D-05
130	1.58508D-03	-8.62635D-03	1.16052D-02	-4.63108D-04	-3.22501D-04	-2.32731D-04
131	9.58425D-03	-1.78824D-02	1.15894D-02	-3.86819D-04	-4.19136D-04	-2.68776D-04
132	7.15309D-02	5.41635D-07	-3.61994D-02	9.01632D-05	-1.49152D-03	-1.22564D-03
133	6.76843D-02	6.53761D-02	-1.29736D-01	7.07398D-04	1.37425D-03	9.35868D-04
134	-3.43474D-03	7.18143D-07	1.15860D-02	-5.42326D-04	-2.68620D-04	-3.15169D-04
135	-7.12452D-03	8.89639D-03	1.15665D-02	-5.76551D-04	-2.19651D-04	-3.87908D-04
136	-1.13065D-02	2.12409D-02	1.15437D-02	-5.44036D-04	-1.76224D-04	-4.48041D-04
137	5.38781D-04	2.29756D-02	-3.67692D-03	-5.58155D-04	-1.76746D-04	-4.53374D-04
138	-1.45388D-02	3.16929D-02	1.15358D-02	-4.59129D-04	-1.28343D-04	-4.97325D-04
139	-1.21713D-02	1.92624D-02	7.95811D-03	-4.83818D-05	1.71437D-04	-6.44745D-04
140	-5.42192D-03	1.05297D-06	1.18597D-03	-6.00713D-05	1.82758D-04	-4.73522D-04
141	-3.93091D-03	-2.83871D-03	-3.09492D-04	-8.32437D-05	1.60434D-04	-4.10886D-04
142	-4.36507D-03	-2.65784D-03	-9.25778D-04	2.08569D-04	5.09329D-05	-5.05707D-05
143	-4.38409D-03	-2.05228D-03	-1.02289D-03	1.83439D-04	3.46294D-06	-4.63483D-05
144	-4.20739D-03	-1.72724D-03	-9.69921D-04	-4.08212D-05	-7.20504D-05	-2.24123D-04
145	-3.74951D-03	-3.64817D-03	-6.09556D-04	-3.50233D-04	-1.20829D-04	-5.03585D-04
146	4.72614D-02	-5.60430D-03	-4.82785D-02	-2.40972D-03	-2.12392D-04	-2.50905D-03
147	-3.21916D-03	-5.01394D-03	-7.90807D-05	6.60215D-05	-1.27453D-04	-8.86246D-05
148	-2.97696D-03	-4.35151D-03	1.63100D-04	2.99262D-04	-1.31241D-04	1.43505D-04
149	-2.65711D-03	-2.47551D-03	4.82894D-04	4.88321D-04	-1.34357D-04	3.31136D-04
150	-2.33184D-03	-2.11207D-07	8.08259D-04	5.51005D-04	-1.35493D-04	3.93820D-04
151	-1.77227D-03	-2.47561D-03	-8.58517D-04	5.29604D-04	-1.27857D-04	3.41988D-04
152	-1.60133D-03	5.09743D-03	1.53886D-03	5.51338D-04	-1.35489D-04	3.94153D-04
153	1.08873D-04	-2.47580D-03	-3.86952D-03	5.81096D-04	-1.14548D-04	3.55276D-04
154	1.71600D-03	-7.74215D-04	-5.96021D-03	5.83924D-04	-1.13562D-04	3.55962D-04
155	-8.32367D-04	-6.31439D-07	-1.64473D-03	6.39315D-06	-6.38695D-08	-2.25183D-04
156	-1.59538D-03	2.23935D-03	-2.39227D-03	1.26508D-04	-4.78858D-05	-1.13896D-04
157	-2.38558D-03	1.66783D-03	-3.19201D-03	1.46834D-04	-5.78826D-05	-9.66288D-05
158	1.09994D-04	1.28387D-03	8.92270D-04	1.49118D-04	-5.80129D-05	-9.67230D-05
159	-3.33916D-03	6.46727D-04	-4.12339D-03	1.48769D-04	-6.36383D-05	-9.27533D-05
160	-4.03276D-03	3.85854D-07	-4.82247D-03	1.16052D-04	-6.77461D-05	-1.19520D-04
161	-6.11007D-03	7.50197D-03	-7.22686D-03	3.67082D-05	9.24743D-06	-1.32874D-04
162	-3.32679D-03	-3.30697D-07	-1.53096D-03	2.55976D-04	1.18488D-04	2.93253D-04
163	-2.60502D-03	-7.41211D-03	3.84843D-04	3.13707D-04	1.22602D-04	3.92257D-04
164	-2.14545D-03	-1.33939D-02	1.74261D-03	3.43226D-04	1.21030D-04	4.29497D-04
165	-6.68862D-04	-4.39822D-02	7.87748D-03	3.90705D-04	5.44650D-05	2.19935D-04
166	1.16643D-03	-1.82728D-03	1.48323D-02	1.00252D-03	-1.14752D-03	-8.01566D-04
167	1.47278D-02	-1.61652D-03	3.18065D-02	1.02834D-03	-1.14884D-03	-8.01564D-04
168	4.83796D-03	2.62157D-03	1.27897D-02	9.94882D-04	-1.14060D-03	-7.72691D-04
169	2.02262D-03	8.74873D-03	-4.29680D-04	8.22437D-04	-7.66915D-04	-5.91813D-04
170	7.26450D-04	1.88729D-02	-6.44848D-03	3.05854D-04	1.95691D-04	-2.75010D-04
171	-2.50545D-04	1.88773D-02	-7.73341D-03	4.53078D-04	1.95691D-04	-3.10949D-04
172	-1.11814D-03	1.88807D-02	-9.08047D-03	5.35418D-04	1.95691D-04	-3.31264D-04
173	-2.82569D-03	1.88824D-02	-1.18638D-02	5.45702D-04	1.95691D-04	-3.33865D-04
174	-5.08755D-03	1.88827D-02	-1.55727D-02	5.51011D-04	1.95691D-04	-3.35600D-04
175	1.03007D-03	2.00385D-02	-5.00526D-03	2.13733D-04	2.43704D-04	-2.52121D-04

176	2.05598D-03	2.24286D-02	-5.50473D-08	-1.30057D-04	2.22435D-04	1.47893D-04
177	1.03165D-02	1.16475D-08	1.11068D-02	-6.05560D-05	1.03846D-04	2.33004D-04
178	1.03795D-02	-3.37961D-03	-3.34766D-08	-1.16168D-04	-4.52123D-04	-1.04217D-04
179	-5.85051D-03	5.93911D-09	1.93702D-02	-1.52231D-04	3.00362D-04	3.15095D-06
180	-9.78044D-04	2.10387D-03	3.21578D-03	-8.50582D-05	-4.90524D-05	-3.63721D-05
181	-9.81719D-04	2.14263D-03	3.21053D-03	-8.45053D-05	3.41873D-05	-2.38498D-05
182	-5.10423D-03	7.99826D-04	1.52726D-02	-3.89213D-05	-4.34077D-05	-3.38814D-05
183	-5.01692D-03	9.51030D-04	1.49395D-02	-3.78024D-05	-5.41369D-05	-3.57931D-05
184	-4.53230D-03	1.15353D-03	1.42308D-02	-2.63690D-05	-3.53958D-05	-5.12898D-05
185	-4.70522D-03	1.38154D-03	1.37989D-02	-3.80226D-05	-8.11536D-05	-3.87691D-05
186	3.42520D-03	3.65759D-04	5.05150D-03	-5.18036D-05	-9.14905D-05	-3.72694D-05
187	4.07706D-03	2.23790D-04	4.43159D-03	-5.05363D-05	-7.68889D-05	-3.97270D-05
188	4.59758D-03	1.18790D-04	3.96237D-03	-4.88485D-05	-6.30029D-05	-4.24739D-05
189	2.30119D-03	5.63152D-04	2.14647D-03	4.92486D-05	1.69714D-04	-9.40557D-05
190	-6.47980D-04	-2.63592D-07	4.99910D-08	2.64819D-04	-7.75349D-05	-4.12350D-04
191	-6.90400D-04	-4.49633D-08	-1.1397[illegible]D-03	1.08673D-04	2.90470D-05	2.37908D-04
192	-6.91530D-04	-1.62147D-03	-9.40114D-04	1.02489D-04	2.90826D-05	2.42387D-04
193	-2.78446D-03	-4.42874D-03	3.93124D-04	1.14867D-04	2.95636D-05	2.01513D-04
194	2.80699D-03	-6.72639D-03	8.35362D-04	-1.30762D-04	-5.42779D-05	-2.25971D-05
195	7.36645D-04	-1.70421D-03	2.15223D-04	-8.45179D-05	-3.79686D-05	-1.82417D-05
196	-1.24692D-03	-4.76548D-03	5.45528D-03	-2.02347D-04	4.95398D-05	-2.01111D-04
197	2.21734D-03	-4.87231D-03	1.89639D-03	-2.10874D-04	4.97100D-05	-2.05596D-04
198	-2.23716D-04	-6.99594D-03	3.88427D-03	-2.22954D-04	4.93351D-05	-2.05475D-04
199	9.65328D-04	-1.83968D-02	2.95155D-04	-3.26105D-04	-2.59629D-04	-1.79195D-04
200	2.36247D-03	-1.67990D-02	-4.28[illegible]9D-03	-2.96078D-04	-2.55333D-04	-2.03440D-04
201	1.64912D-03	-1.68008D-02	-3.37389D-03	-2.63301D-04	-2.63574D-04	-2.19328D-04
202	1.19323D-03	-1.68019D-02	-2.84644D-03	-2.52274D-04	-2.68707D-04	-2.17046D-04
203	6.96578D-04	-1.63615D-02	-2.90705D-03	-2.47602D-04	-2.72932D-04	-1.79320D-04
204	1.28056D-03	-1.55208D-02	-4.82941D-03	-2.26548D-04	-2.36031D-04	-2.17789D-04
205	1.70521D-03	-1.44242D-02	-6.228[illegible]7D-03	-2.17503D-04	-2.07141D-04	-2.20931D-04
206	3.62900D-03	-1.44171D-02	-8.44608D-03	-2.63807D-04	-1.98637D-04	-2.35452D-04
207	4.69287D-03	-8.16075D-03	-1.19628D-02	-2.24117D-04	3.26225D-05	-2.18447D-04
208	-2.54350D-03	8.86780D-09	1.15773D-02	-1.33381D-04	2.30502D-04	-1.14772D-04
209	-2.22394D-02	6.24932D-03	6.56414D-02	-1.61302D-03	-2.25988D-03	5.07146D-03
210	-3.16659D-03	9.80221D-03	7.34130D-02	-1.63010D-03	-2.35187D-03	5.10867D-03
211	-1.17171D-01	1.42063D-02	4.13242D-02	-1.57577D-03	-2.35591D-03	5.26411D-03
212	1.70687D-02	1.29083D-02	8.15774D-02	-1.67124D-03	-2.43445D-03	4.99097D-03
213	1.25013D-01	1.20347D-07	1.24935D-01	-1.77376D-03	-2.66032D-03	2.77362D-03
214	2.12401D-02	5.88362D-08	-1.04854D-01	1.42202D-03	-3.82329D-04	1.10113D-03
215	4.58201D-02	2.80779D-04	-5.33426D-02	-2.16102D-03	1.19951D-03	-8.21235D-04
216	3.48929D-02	-1.10648D-02	-4.49257D-02	-1.93681D-03	8.35140D-04	-8.39886D-04
217	3.51759D-02	-3.06912D-02	-5.77968D-02	-2.08219D-03	4.69484D-04	-1.00022D-03
218	2.12213D-02	-4.90394D-02	-1.41655D-06	-6.46703D-04	-7.80355D-04	-1.68621D-04
219	1.72550D-02	-4.98013D-02	-2.34124D-02	7.57807D-04	-6.07896D-04	-3.01981D-05
220	1.71956D-02	-4.98049D-02	-2.4945[illegible]D-02	7.58941D-04	-6.06814D-04	-3.09263D-05
221	1.73121D-02	-4.98395D-02	-2.18573D-02	7.58932D-04	-6.06584D-04	-3.14567D-05
222	1.71323D-02	-4.98071D-02	-2.64770D-02	7.59803D-04	-6.05951D-04	-3.12709D-05
223	1.65200D-02	-4.98640D-02	-3.90324D-02	7.53773D-04	-5.78453D-04	-3.82084D-05
224	1.64415D-02	-4.98656D-02	-4.05496D-02	7.52552D-04	-5.77590D-04	-3.82893D-05
225	1.65499D-02	-4.99415D-02	-3.76257D-02	7.52551D-04	-5.77190D-04	-3.88212D-05
226	1.63607D-02	-4.98657D-02	-4.20583D-02	7.51178D-04	-5.77110D-04	-3.79158D-05
227	7.89881D-03	-2.53982D-02	-2.21836D-02	1.75391D-05	-5.84687D-04	6.26575D-04
228	3.45474D-02	-2.74305D-07	-3.26244D-02	-1.76375D-03	9.06852D-04	-6.61430D-04
229	3.12215D-02	4.85442D-03	-1.53577D-02	-1.40675D-03	9.06864D-04	-4.68017D-04
230	2.94420D-02	4.85841D-03	-1.00593D-02	-1.25910D-03	8.86899D-04	-4.41582D-04
231	1.18059D-06	-5.75542D-03	-1.23159D-07	-5.41563D-04	1.14839D-03	1.33833D-03
232	-1.43918D-02	-5.58165D-03	-9.66122D-03	3.47394D-04	-1.37298D-04	-5.62679D-04
233	-1.32571D-02	-5.58081D-03	-8.960[illegible]8D-03	3.48425D-04	-1.39853D-04	-5.62493D-04
234	-1.41693D-02	-7.33560D-03	-9.08724D-03	3.48510D-04	-1.40011D-04	-5.62497D-04
235	-1.21208D-02	-5.57975D-03	-8.25662D-03	3.49289D-04	-1.42257D-04	-5.62100D-04

236	-7.42942D-10	4.93747D-03	8.50141D-09	3.05383D-04	3.49713D-04	-2.13892D-04
237	-2.14108D-04	4.93794D-03	-3.01772D-04	2.98817D-04	3.44722D-04	-2.14770D-04
238	-1.50594D-03	4.93873D-03	-2.06900D-03	2.90469D-04	3.38282D-04	-2.15988D-04
239	-1.50631D-03	6.31430D-03	6.23268D-05	2.90469D-04	3.38298D-04	-2.17634D-04
240	-2.79499D-03	4.93802D-03	-3.78678D-03	2.82322D-04	3.31802D-04	-2.14577D-04
241	-3.62334D-04	1.73975D-04	-3.77645D-04	-1.02009D-04	2.16250D-06	6.95592D-05
242	-1.13064D-04	2.99507D-04	4.36347D-06	-5.26346D-05	-4.89352D-07	3.19906D-05
243	-1.13122D-04	2.27902D-05	7.69154D-06	-5.83419D-05	1.32841D-06	3.61944D-05
244	-7.50750D-05	2.75898D-04	-1.44665D-06	2.13819D-05	6.19372D-06	-8.28141D-06
245	-3.71988D-05	1.40033D-04	-9.73501D-07	1.96754D-05	5.44015D-06	-5.94884D-06
246	2.79580D-07	1.40067D-04	1.23272D-04	1.97076D-05	5.44015D-06	-5.94892D-06
247	-6.78909D-06	2.70555D-05	-5.29173D-07	1.36849D-05	3.70478D-06	-3.61610D-06
248	-7.31603D-05	-1.28062D-04	-1.09477D-06	8.97911D-06	-6.06977D-06	-3.17614D-06
249	-3.61945D-05	-6.71921D-05	-7.42782D-07	8.90016D-06	-5.30931D-06	-2.27131D-06
250	-2.19368D-05	-6.72086D-05	5.54587D-05	8.91462D-06	-5.30931D-06	-2.26559D-06
251	-6.57590D-06	-1.39901D-05	-4.03759D-07	6.39051D-06	-3.60997D-06	-1.38065D-06
252	-6.58209D-04	-1.00037D-02	3.74761D-03	-2.78887D-04	3.57868D-05	-2.05874D-04

M O D A L A N A L Y S I S

MODE NUMBER 33
FREQUENCY= 25.2743 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.41407D-02	5.74063D-02	3.78381D-03	6.30398D-04	1.24379D-04	-2.24314D-04
3	-9.90866D-03	6.05160D-02	5.25100D-04	-7.33310D-04	-3.55511D-04	-2.06219D-04
4	-6.30387D-03	6.05172D-02	-1.35660D-02	-8.34788D-04	-4.33814D-04	-2.02887D-04
5	-1.52605D-03	5.54386D-02	-2.81274D-02	-1.39773D-03	-3.96271D-04	-3.21547D-04
6	7.05623D-03	2.49729D-02	-2.60059D-02	-1.69645D-03	-5.72425D-04	-4.84084D-04
7	2.16890D-02	-2.81765D-02	1.31429D-03	-1.13866D-03	-5.43230D-04	-9.85376D-05
8	3.41971D-02	-2.57679D-02	2.30734D-02	-3.50939D-05	2.22815D-04	6.82701D-04
9	6.69684D-03	7.10839D-03	-3.50953D-03	-4.95976D-04	4.11659D-04	-1.03171D-04
10	1.14477D-03	-3.67405D-07	-8.53082D-03	-5.77712D-04	4.36878D-04	1.09697D-05
11	-3.52780D-02	-3.26951D-02	-2.76776D-02	1.77702D-04	-5.97844D-04	1.66048D-03
12	3.96082D-02	1.20812D-07	-2.70331D-02	6.67798D-04	-1.15587D-03	1.19588D-03
13	5.66927D-02	3.31683D-03	-3.48442D-02	8.32872D-04	9.78892D-05	3.16286D-04
14	5.79542D-02	1.79013D-02	-8.15321D-03	4.06991D-04	-4.36368D-04	1.75467D-05
15	8.60998D-02	-5.14307D-03	-8.46488D-03	-6.57799D-04	-5.02539D-04	-2.88463D-04
16	1.01608D-01	-1.02770D-02	-2.94023D-02	-5.38150D-04	-1.31203D-03	-6.34293D-04
17	1.00354D-01	7.98608D-02	-1.69942D-01	-7.62740D-05	-1.17431D-03	-8.11321D-04
18	9.52231D-02	8.84545D-02	-1.83261D-01	9.68812D-05	-5.05378D-04	-2.96309D-04
19	9.08366D-02	8.88763D-02	-1.87256D-01	1.59413D-04	-6.52076D-05	4.07723D-06
20	9.24654D-02	8.26437D-02	-1.78757D-01	3.90586D-04	1.15294D-03	6.17617D-04
21	9.11374D-02	2.42700D-02	-7.80503D-02	8.30779D-04	2.13049D-03	1.46555D-03
22	4.22345D-02	-5.77513D-03	-1.67171D-02	7.18421D-04	1.38882D-03	1.41982D-03
23	4.44009D-09	4.42004D-10	-2.44532D-09	9.96100D-08	1.31174D-07	2.01218D-07
25	2.76424D-04	7.62577D-03	1.04682D-04	8.09832D-05	-2.16241D-05	6.48767D-05
26	1.58605D-03	7.92343D-03	-8.11603D-04	-1.61974D-04	-1.21119D-04	-3.02146D-05
27	1.91943D-03	7.92538D-03	-2.66224D-03	-1.74980D-04	-1.33457D-04	-3.36577D-05
28	3.56277D-03	5.41390D-03	-5.04987D-03	-3.06103D-04	-1.67342D-04	-1.77794D-04
29	3.55766D-03	3.40804D-03	-3.15020D-03	-3.24812D-04	-1.74799D-04	-1.84093D-04
30	3.18584D-03	2.94841D-02	-3.86884D-02	-6.07891D-04	2.87850D-04	2.38114D-04
31	1.43861D-02	-1.62739D-03	1.66427D-02	-6.42253D-04	4.00466D-04	4.52169D-04
32	-8.09782D-03	4.34969D-03	-5.70141D-03	-3.23351D-05	2.76006D-04	7.34900D-04
33	-1.54929D-02	1.00768D-02	-5.93182D-03	2.49192D-04	2.01990D-04	9.29964D-04
34	-1.58730D-02	-6.96927D-02	-5.38471D-03	5.21999D-04	-3.26682D-04	1.30754D-03
35	-8.73369D-03	-6.69244D-02	-7.96390D-03	8.93052D-04	-6.15558D-04	1.13034D-03
36	-3.92793D-04	6.05424D-02	-2.19979D-02	-2.85387D-03	-5.54288D-04	2.77615D-04
37	-8.35140D-03	8.67616D-02	-4.17683D-02	-1.33179D-03	-8.10970D-04	-5.58859D-05
38	4.44417D-02	9.02478D-02	1.57106D-02	1.65028D-03	-1.23462D-03	-4.94728D-04
39	3.81556D-02	8.11228D-02	-8.89079D-03	4.78107D-04	4.44066D-04	-4.39664D-04
40	2.45255D-02	9.20308D-02	-1.40022D-03	-4.20502D-04	8.83404D-04	-1.68242D-03
41	1.28535D-02	9.20477D-02	1.71356D-03	-4.29533D-04	8.74663D-04	-1.56286D-03
42	-8.49067D-04	8.77339D-02	5.76534D-03	-5.54557D-04	3.16511D-04	-4.20760D-04
43	-5.76528D-03	7.82262D-02	5.76191D-03	-6.00135D-04	2.71902D-04	1.52724D-05
44	-7.08318D-03	6.56935D-02	6.18168D-03	-1.14028D-03	-8.27160D-05	1.10318D-03
45	-7.00425D-03	2.68394D-02	2.17343D-02	-1.15381D-03	1.14015D-04	-5.61667D-04
46	-6.98972D-03	2.76210D-02	2.17573D-02	-1.17674D-03	-1.03727D-04	-3.71609D-04
47	6.25461D-03	-5.54593D-03	-1.80046D-02	1.45897D-04	1.40467D-04	1.65473D-04
48	5.53050D-03	-5.88552D-03	-1.68534D-02	1.66929D-04	1.84747D-04	1.32562D-04
49	-7.86530D-03	-2.12942D-03	-4.40891D-03	8.09825D-05	-3.88756D-05	1.52443D-04
50	-4.00003D-03	-1.61351D-03	-3.50889D-03	-4.59548D-05	-2.42185D-04	1.70217D-04
51	-3.00416D-03	-1.03314D-03	-2.38510D-03	-5.24013D-05	-2.38261D-04	1.73560D-04

52	-4.22231D-05	-4.70759D-07	-3.26376D-05	-2.62306D-06	-1.65537D-05	6.09136D-06
53	-4.73599D-11	-3.92960D-12	-4.31848D-11	-3.81870D-10	-1.43459D-09	7.80953D-10
54	-4.54577D-04	4.04952D-03	-5.22508D-03	8.84543D-04	-3.08482D-05	3.66585D-04
55	-5.48884D-04	4.40259D-02	-5.31095D-03	1.19588D-03	5.44003D-05	3.98363D-04
56	-2.23014D-03	5.52473D-02	-3.93831D-03	1.14653D-03	3.29352D-04	4.49875D-04
57	7.72900D-04	-9.92728D-04	-1.37938D-02	4.46054D-04	-3.97246D-04	3.33937D-04
58	3.88016D-03	-2.75889D-03	-1.82597D-02	1.74218D-04	-1.72115D-05	2.13864D-04
59	7.01823D-03	-2.88609D-03	-2.07304D-02	1.39912D-04	1.01164D-04	1.72318D-04
60	2.24153D-02	7.16962D-03	-2.10389D-02	-8.09122D-04	6.24301D-04	-1.03672D-03
61	4.78553D-02	-8.20040D-03	-3.24785D-02	5.47056D-04	1.06607D-03	-2.33670D-03
62	-8.35205D-02	4.88477D-03	-8.58583D-02	1.11742D-03	1.64024D-03	-1.16174D-03
63	-8.81642D-02	7.42076D-03	-8.13291D-02	1.26484D-03	-1.94400D-03	3.71959D-05
64	-8.85195D-02	3.07452D-02	1.07354D-01	2.70571D-04	-2.58761D-03	2.89134D-04
65	-7.85131D-02	2.72148D-02	1.27214D-01	-1.30962D-03	-1.08017D-03	-1.25167D-03
66	-3.77306D-02	2.72444D-02	8.41418D-02	-1.47049D-03	-7.35925D-04	-1.40025D-03
67	-1.51206D-02	3.31594D-03	6.48760D-02	-9.11014D-04	2.21236D-04	-6.56405D-04
68	-6.61257D-02	-5.24556D-02	3.24293D-02	6.51402D-04	-1.76376D-04	7.56602D-05
69	-6.11912D-02	-4.43066D-02	3.32830D-02	1.32711D-03	-9.76667D-04	2.94268D-04
70	-2.27627D-02	1.23021D-02	3.25274D-02	1.32221D-03	-5.05532D-04	5.63671D-04
71	-1.92695D-02	2.75217D-02	2.270 2D-02	1.54238D-03	6.74170D-04	5.79909D-04
72	-1.47553D-02	3.00000D-02	3.34556D-03	5.19967D-04	4.51617D-04	1.28253D-04
73	-9.96921D-03	3.05714D-02	2.70503D-02	-4.54950D-04	3.30615D-04	3.47252D-05
74	-9.16189D-03	2.81654D-02	2.57965D-02	-8.03009D-05	3.96400D-04	-3.89924D-04
76	-2.22570D-02	-2.91678D-03	1.46195D-02	1.07437D-03	-5.93639D-04	3.20780D-04
77	-2.18187D-02	-8.02516D-03	-1.32299D-03	8.97865D-04	-6.07624D-04	7.12273D-05
78	-2.92641D-03	4.62943D-03	-1.10979D-03	3.84624D-04	-7.07053D-04	-8.94715D-04
79	6.88921D-03	4.42724D-03	5.09465D-03	-2.62214D-04	1.40895D-04	3.70552D-04
80	3.96364D-04	4.29275D-04	2.42812D-05	-4.28229D-05	2.29072D-05	7.10113D-05
82	2.06516D-03	-2.97609D-03	2.88140D-03	-1.96175D-04	-1.98232D-04	1.46298D-04
83	3.14151D-03	-2.38531D-03	4.35547D-03	-4.06158D-05	-8.05737D-05	1.30280D-04
84	3.52703D-03	-4.65168D-04	5.44740D-03	3.96143D-05	-5.52438D-05	8.77431D-05
85	3.59817D-03	-1.16362D-04	5.18632D-03	1.07858D-04	-8.43150D-07	-5.51941D-05
86	7.17495D-05	-1.01546D-04	3.02883D-06	4.94009D-05	-3.82370D-08	-2.83142D-05
87	6.93877D-05	-2.34260D-04	-3.99223D-06	1.11809D-05	-1.87632D-06	3.31885D-06
88	5.21039D-05	-1.91922D-04	1.03326D-06	-1.30548D-05	-3.98498D-06	6.53365D-06
90	6.93556D-05	8.40234D-05	-4.04707D-06	1.91647D-05	1.89770D-06	-3.00462D-06
91	5.20379D-05	9.54242D-05	1.02987D-06	-5.45911D-06	3.97915D-06	2.86162D-06
93	-2.80334D-03	9.98128D-03	7.49416D-04	4.75504D-04	1.38350D-04	-1.45371D-04
94	-1.11431D-02	4.30204D-02	2.98140D-03	6.88035D-04	1.66893D-04	-2.28746D-04
95	4.10173D-03	3.87326D-02	-3.14940D-02	-1.62670D-03	-5.45732D-04	-5.16009D-04
96	2.48480D-03	4.43057D-02	-2.35538D-02	-2.59898D-03	-5.53563D-04	8.75661D-05
97	1.01536D-02	1.06415D-02	-2.02355D-02	-1.61911D-03	-5.91798D-04	-4.77984D-04
98	1.26357D-02	7.60744D-07	-1.56089D-02	-1.53022D-03	-5.98019D-04	-4.21000D-04
99	2.33859D-02	-2.65484D-03	1.26508D-02	3.44589D-05	3.38522D-04	6.27060D-04
100	1.72636D-02	8.33760D-03	6.78648D-03	-8.07688D-05	3.18027D-04	4.33685D-04
101	9.73053D-03	1.03185D-02	-5.48308D-04	-3.62554D-04	3.75412D-04	6.16235D-05
102	3.34276D-03	2.71879D-03	-6.53979D-03	-5.42726D-04	4.24740D-04	-3.02132D-05
103	1.13628D-02	7.13719D-03	-1.07039D-02	-7.18600D-04	5.09523D-04	-6.11479D-04
104	-2.95226D-02	-3.05992D-02	-2.75152D-02	3.37160D-04	-8.89611D-04	1.81070D-03
105	-9.12942D-03	-2.25646D-02	-2.74074D-02	4.31008D-04	-1.08640D-03	1.89624D-03
106	-6.49561D-02	-1.80015D-02	-1.46146D-02	3.88966D-04	-1.08287D-03	2.07876D-03
107	1.65886D-02	-1.16359D-02	-2.72325D-02	5.61807D-04	-1.21690D-03	1.61057D-03
108	5.68270D-02	1.37130D-03	-3.30846D-02	8.09741D-04	2.07699D-04	2.30895D-04
109	5.26403D-02	-1.43158D-03	-3.25955D-02	-5.25613D-04	9.77216D-04	5.53710D-04
110	4.92119D-02	-3.76897D-03	-3.23853D-02	-3.01677D-04	1.29771D-03	6.92060D-04
111	4.18450D-02	-4.06042D-03	-3.20520D-02	1.02971D-03	1.78902D-03	9.11113D-04
112	3.01772D-02	5.61656D-03	-3.17890D-02	2.76025D-03	2.08899D-03	1.05224D-03
113	-6.62954D-03	1.98797D-02	2.53541D-01	1.38984D-02	2.78333D-03	1.28904D-03
114	1.76970D-02	1.37803D-02	-3.17917D-02	5.74949D-04	2.07575D-03	1.05704D-03
115	1.22639D-02	1.26698D-02	-3.17934D-02	-6.45988D-04	2.06927D-03	1.06115D-03

116	5.29645D-03	7.44592D-03	-3.17953D-02	-1.63086D-03	2.06488D-03	1.06644D-03
117	-1.66652D-03	7.88340D-07	-3.17963D-02	-1.96151D-03	2.06490D-03	1.06644D-03
118	8.25865D-03	7.44641D-03	-2.76853D-02	-1.51268D-03	2.03093D-03	1.17917D-03
119	-1.74224D-02	-1.49652D-02	-3.17973D-02	-1.96293D-03	2.06655D-03	1.06644D-03
120	1.50465D-02	7.44732D-03	-2.00300D-02	-1.36130D-03	1.96142D-03	1.32062D-03
121	1.52562D-02	3.97779D-03	-1.46991D-02	-1.35233D-03	1.95627D-03	1.32853D-03
122	5.69904D-02	-1.68855D-06	-3.01508D-02	8.02918D-04	2.96865D-04	1.59636D-04
123	5.72863D-02	-2.24948D-03	-2.30561D-02	7.89954D-04	3.92720D-04	6.61931D-05
124	5.79482D-02	1.17652D-03	-4.10157D-03	7.57203D-04	2.49351D-04	-2.30725D-04
125	5.80705D-02	3.80390D-03	-1.83545D-03	7.50379D-04	1.46737D-04	-3.03350D-04
126	5.82622D-02	1.11142D-02	-5.93782D-05	7.41918D-04	-2.96826D-05	-4.00972D-04
127	7.51263D-02	1.29995D-02	2.16030D-02	8.07212D-04	-4.78614D-05	-6.17097D-04
128	5.81168D-02	1.68951D-02	-2.61505D-03	6.00655D-04	-2.06176D-04	-1.94155D-04
129	5.80612D-02	1.76704D-02	-4.122[illegible]D-03	5.32303D-04	-2.88585D-04	-1.11910D-04
130	5.16426D-02	1.24483D-02	-8.11167D-03	5.90407D-04	-6.06407D-04	2.11999D-04
131	6.24048D-02	2.06000D-02	-8.20105D-03	1.45125D-04	-3.88200D-04	-2.67443D-05
132	1.01462D-01	1.89749D-06	-5.05265D-02	-4.63895D-04	-1.46774D-03	-8.05573D-04
133	9.21167D-02	7.11070D-02	-1.56786D-01	5.14630D-04	1.60661D-03	8.83476D-04
134	3.90010D-02	-1.76695D-06	-8.0456[illegible]D-03	8.78938D-04	-7.54590D-04	5.12516D-04
135	2.68783D-02	-1.56735D-02	-7.98566D-03	1.07212D-03	-7.88620D-04	7.77678D-04
136	1.00741D-02	-3.97415D-02	-7.91947D-03	1.10637D-03	-7.48328D-04	9.96883D-04
137	-1.95448D-02	-4.35434D-02	2.24847D-02	1.17851D-03	-7.47825D-04	1.06056D-03
138	-4.83746D-03	-6.13535D-02	-7.95202D-03	9.60493D-04	-6.61799D-04	1.08657D-03
139	-2.09867D-02	-3.85346D-02	-3.62844D-04	2.07077D-04	-3.51958D-05	1.37017D-03
140	-1.81083D-02	-1.83556D-06	-3.30235D-03	2.04183D-04	1.61650D-04	1.08679D-03
141	-1.66213D-02	6.34180D-03	-4.79757D-03	2.40823D-04	1.86533D-04	9.79340D-04
142	-1.67163D-02	9.97123D-03	-4.84427D-03	8.36196D-05	-1.18599D-04	2.92768D-04
143	-1.63382D-02	1.03938D-02	-4.44569D-03	6.41328D-05	-2.20197D-04	4.64550D-05
144	-1.53520D-02	1.00835D-02	-3.42724D-03	9.26915D-05	-3.43936D-04	-2.84208D-04
145	-1.37611D-02	8.93776D-03	-1.81120D-03	1.64542D-04	-3.89783D-04	-4.43796D-04
146	-6.89838D-03	9.74228D-03	1.54321D-02	8.56046D-04	-3.75182D-04	-1.43900D-04
147	-1.20359D-02	6.72960D-03	-8.38165D-05	-2.20026D-05	-4.16802D-04	-6.35683D-04
148	-1.12399D-02	5.18850D-03	7.13320D-04	-1.26697D-04	-4.32217D-04	-7.44959D-04
149	-1.01821D-02	2.73312D-03	1.77245D-03	-2.11709D-04	-4.44867D-04	-8.35861D-04
150	-9.10151D-03	9.44567D-08	2.85338D-03	-2.40014D-04	-4.49441D-04	-8.64166D-04
151	-1.26187D-02	2.73315D-03	2.38933D-03	-2.54106D-04	-4.18028D-04	-1.00381D-03
152	-6.67875D-03	-5.95742D-03	5.27650D-03	-2.40413D-04	-4.49347D-04	-8.64565D-04
153	-1.86851D-02	2.73318D-03	3.92499D-03	-3.07612D-04	-3.63071D-04	-1.21499D-03
154	-2.28543D-02	-4.66775D-05	5.79789D-03	-3.10631D-04	-3.59000D-04	-1.22685D-03
155	-6.31404D-03	1.37724D-06	-3.93314D-03	-1.29617D-04	2.82484D-04	6.89213D-04
156	2.04717D-03	-6.45038D-03	4.35878D-03	-5.27662D-04	3.37612D-04	5.14743D-04
157	7.13922D-03	-5.29790D-03	9.52639D-03	-6.21378D-04	3.68572D-04	4.92058D-04
158	-5.89403D-03	-3.48478D-03	-8.33635D-03	-6.44764D-04	3.68990D-04	5.08418D-04
159	1.30571D-02	-2.42806D-03	1.53084D-02	-6.41910D-04	3.92333D-04	4.61714D-04
160	1.71679D-02	-6.27791D-07	1.94552D-02	-6.22662D-04	4.03209D-04	4.52937D-04
161	2.96280D-02	-2.19665D-03	3.39992D-02	-4.91507D-04	-1.31473D-05	4.15269D-04
162	1.65907D-02	2.66681D-07	7.109[illegible]D-03	-5.98130D-04	-5.80454D-04	-3.01380D-06
163	1.30413D-02	4.79474D-03	-2.31484D-03	-6.34977D-04	-6.04710D-04	-1.06015D-04
164	1.07682D-02	8.81361D-03	-9.03223D-03	-6.52740D-04	-5.99087D-04	-1.53865D-04
165	3.42966D-03	3.03245D-02	-3.95430D-02	-6.64783D-04	-2.69732D-04	-9.99874D-05
166	4.09835D-02	9.02033D-02	4.19740D-03	1.63614D-03	-1.23003D-03	-4.99559D-04
167	4.96785D-02	9.03811D-02	3.19905D-02	1.66616D-03	-1.23383D-03	-5.21628D-04
168	4.23349D-02	9.11809D-02	5.94565D 03	1.63369D-03	-1.22692D-03	-4.49827D-04
169	3.91002D-02	9.01975D-02	-8.31069D-03	1.45895D-03	-8.29310D-04	-1.11001D-04
170	3.73477D-02	7.96519D-02	-1.37038D-02	7.76317D-04	3.04878D-04	-1.08131D-04
171	3.80099D-02	7.96708D-02	-1.69131D-02	1.12189D-03	3.04878D-04	4.43506D-04
172	3.96846D-02	7.96857D-02	-2.02321D-02	1.31526D-03	3.04878D-04	7.50699D-04
173	4.36781D-02	7.96929D-02	-2.70653D-02	1.33944D-03	3.04878D-04	7.88674D-04
174	4.90837D-02	7.96944D-02	-3.61669D-02	1.35211D-03	3.04878D-04	8.05871D-04
175	3.77087D-02	7.95879D-02	-1.15018D-02	6.28656D-04	3.89497D-04	-2.67030D-04

176	1.92681D-02	9.20386D-02	-1.25334D-07	-4.28344D-04	8.79657D-04	-1.64015D-03
177	-7.09109D-03	6.72932D-08	-9.54646D-04	-1.14394D-03	-1.32105D-04	9.83952D-04
178	-7.06678D-03	-1.83397D-02	3.06104D-08	-1.14894D-03	2.43951D-04	-3.90872D-04
179	4.23547D-03	1.82693D-08	-1.44789D-02	-8.21891D-04	-1.81272D-04	-2.76622D-05
180	9.89350D-04	2.74009D-03	-3.28164D-03	-2.38719D-04	-6.91089D-05	-1.48513D-04
181	1.34829D-03	3.36510D-03	-4.40934D-03	-2.05403D-04	-1.49801D-04	-1.15398D-04
182	7.38076D-03	-9.92428D-04	-2.20694D-02	1.30139D-04	7.29505D-05	1.65905D-04
183	7.23426D-03	-1.84164D-03	-2.15210D-02	1.34559D-04	8.64778D-05	1.68778D-04
184	5.63563D-03	-2.88126D-03	-1.96448D-02	1.54341D-04	4.59646D-05	1.93161D-04
185	6.75522D-03	-3.94121D-03	-1.97814D-02	1.41970D-04	1.20764D-04	1.70528D-04
186	-4.92749D-03	-2.12161D-03	-7.19456D-03	1.55043D-04	1.31804D-04	1.16276D-04
187	-5.86931D-03	-1.72410D-03	-6.30053D-03	1.47861D-04	1.11190D-04	1.19071D-04
188	-6.62439D-03	-1.43248D-03	-5.62093D 03	1.39276D-04	9.15279D-05	1.23328D-04
189	-3.50113D-03	-1.32694D-03	-2.95224D-03	-4.91257D-05	-2.40852D-04	1.71902D-04
190	3.34118D-03	1.71931D-07	-2.60977D-07	-5.18371D-04	3.73144D-04	2.86477D-04
191	3.54432D-03	7.58386D-08	6.02327D-05	-3.43461D-04	-1.80343D-04	-1.80058D-04
192	3.54946D-03	1.25567D-03	-1.14278D-03	-3.36534D-04	-1.79733D-04	-1.84677D-04
193	5.28649D-03	3.46106D-03	-6.56467D-03	-3.77756D-04	-1.63380D-04	-1.75100D-04
194	2.67034D-05	5.78345D-03	1.48940D-05	9.06879D-05	-1.16049D-05	6.04129D-05
195	-8.15537D-05	1.53926D-03	-2.19890D-05	6.81135D-05	1.27085D-06	3.51141D-05
196	2.07532D-03	4.04052D-03	-1.12986D-02	8.52447D-04	-3.22903D-05	3.56690D-04
197	-4.14003D-03	4.41198D-03	3.65152D-03	8.86477D-04	-3.07931D-05	3.68711D-04
198	-2.08485D-04	1.20901D-02	-5.15423D-03	9.15892D-04	-2.86478D-05	3.72975D-04
199	-3.14411D-03	5.43239D-02	-9.61291D-04	1.10384D-03	3.84914D-04	4.76247D-04
200	-5.48469D-03	5.09193D-02	6.67569D-03	1.00196D-03	4.62910D-04	5.82938D-04
201	-3.38215D-03	5.09249D-02	3.46225D-03	9.50762D-04	4.78278D-04	6.58095D-04
202	-2.00053D-03	5.09282D-02	1.52330D-03	9.37361D-04	4.87851D-04	6.61374D-04
203	-7.07827D-05	4.97785D-02	-3.06175D-04	9.49843D-04	5.04942D-04	5.55024D-04
204	-1.18911D-03	4.75946D-02	3.39185D-03	8.95875D-04	4.82152D-04	6.77482D-04
205	-2.09724D-03	4.45709D-02	6.39650D-03	8.79084D-04	4.53016D-04	6.85414D-04
206	-7.98730D-03	4.45485D-02	1.48366D-02	8.92575D-04	4.22872D-04	7.10335D-04
207	-1.10252D-02	2.57591D-02	2.47522D-02	7.51016D-04	4.72839D-05	6.97869D-04
208	1.42028D-04	-1.70282D-08	-1.17357D-02	4.65632D-04	-4.25215D-04	3.34419D-04
209	2.71274D-02	-1.30444D-02	-4.12854D-02	8.48585D-04	1.50105D-03	-2.61854D-03
210	1.44667D-02	-1.46974D-02	-4.64485D-02	8.73907D-04	1.56056D-03	-2.64893D-03
211	7.41461D-02	-1.70217D-02	-2.97111D-02	8.33894D-04	1.56335D-03	-2.75039D-03
212	1.05534D-03	-1.59098D-02	-5.18617D-02	9.17995D-04	1.61424D-03	-2.57897D-03
213	-7.05852D-02	-1.86240D-07	-8.06696D-02	1.18341D-03	1.78387D-03	-1.34914D-03
214	-1.57176D-02	-1.62745D-08	6.44992D-02	-8.89640D-04	2.48581D-04	-6.47128D-04
215	-2.96745D-02	-9.05072D-04	3.27127D-02	1.38835D-03	-7.74659D-04	4.99658D-04
216	-2.26080D-02	6.69618D-03	2.72681D-02	1.24476D-03	-5.38758D-04	5.10213D-04
217	-2.27893D-02	1.86873D-02	3.57535D-02	1.33160D-03	-3.18091D-04	6.12667D-04
218	-1.40998D-02	3.00464D-02	8.71157D-07	4.14298D-04	4.44462D-04	1.08908D-04
219	-1.10090D-02	3.05299D-02	1.37377D-02	-4.64376D-04	3.49051D-04	3.09093D-05
220	-1.09477D-02	3.05323D-02	1.46774D-02	-4.65138D-04	3.48452D-04	3.14213D-05
221	-1.10111D-02	3.06215D-02	1.29120D-02	-4.65132D-04	3.48313D-04	3.17560D-05
222	-1.08838D-02	3.05336D-02	1.56163D-02	-4.65731D-04	3.47987D-04	3.16893D-05
223	-1.02910D-02	3.05701D-02	2.33313D-02	-4.63631D-04	3.33140D-04	3.72819D-05
224	-1.02149D-02	3.05712D-02	2.42647D-02	-4.62918D-04	3.32675D-04	3.73585D-05
225	-1.02734D-02	3.06931D-02	2.25890D-02	-4.62917D-04	3.32428D-04	3.76943D-05
226	-1.01373D-02	3.05712D-02	2.51930D-02	-4.62108D-04	3.32445D-04	3.71451D-05
227	-4.81767D-03	1.57084D-02	1.35073D-02	-7.51694D-06	3.54376D-04	-3.84869D-04
228	-2.23873D-02	1.60132D-07	1.93995D-02	1.13681D-03	-5.77053D-04	3.98610D-04
229	-2.03937D-02	-2.92101D-03	8.34089D-03	9.07458D-04	-5.73065D-04	2.80408D-04
230	-1.93271D-02	-2.92361D-03	4.92423D-03	8.10814D-04	-5.60155D-04	2.66030D-04
231	-7.56539D-07	4.62947D-03	7.08849D-08	3.74571D-04	-6.97294D-04	-8.69599D-04
232	1.01503D-02	4.43732D-03	7.33798D-03	-2.55412D-04	1.24104D-04	3.74507D-04
233	9.39476D-03	4.43653D-03	6.82268D-03	-2.56272D-04	1.25737D-04	3.74489D-04
234	1.01797D-02	5.73724D-03	6.92161D-03	-2.56340D-04	1.25853D-04	3.74491D-04
235	8.63772D-03	4.43556D-03	6.30469D-03	-2.57002D-04	1.27257D-04	3.74327D-04

236	5.25210D-10	-2.97589D-03	-5.31685D-09	-2.15730D-04	-2.12813D-04	1.47320D-04
237	1.47494D-04	-2.97622D-03	2.13508D-04	-2.11403D-04	-2.09585D-04	1.47710D-04
238	1.03525D-03	-2.97675D-03	1.46513D-03	-2.05841D-04	-2.05421D-04	1.48222D-04
239	1.03551D-03	-3.92003D-03	1.71392D-04	-2.05841D-04	-2.05375D-04	1.49273D-04
240	1.91933D-03	-2.97634D-03	2.68335D-03	-2.00362D-04	-2.01371D-04	1.47004D-04
241	2.31005D-04	-1.02829D-04	2.52088D-04	6.74723D-05	-1.07409D-07	-4.47173D-05
242	7.10036D-05	-1.83497D-04	-2.30396D-06	3.51575D-05	6.59834D-07	-2.05503D-05
243	7.10089D-05	-7.00439D-06	-2.44680D-06	3.85302D-05	-6.97524D-07	-2.30342D-05
244	4.72143D-05	-1.74543D-04	8.64311D 07	-1.34652D-05	-3.89615D-06	5.36310D-06
245	2.33912D-05	-8.87358D-05	5.80591D-07	-1.24326D-05	-3.42153D-06	3.85285D-06
246	-8.83977D-07	-8.87582D-05	-7.79334D-05	-1.24535D-05	-3.42153D-06	3.85309D-06
247	4.26781D-06	-1.72102D-05	3.15596D-07	-8.66037D-06	-2.32985D-06	2.34202D-06
248	4.71610D-05	8.71473D-05	8.64791D-07	-6.13340D-06	3.88974D-06	2.34493D-06
249	2.33842D-05	4.56725D-05	5.87561D-07	-6.06245D-06	3.41689D-06	1.67830D-06
250	1.28419D-05	4.56840D-05	-3.76970D-05	-6.07255D-06	3.41689D-06	1.67486D-06
251	4.27329D-06	9.48569D-06	3.19385D-07	-4.34797D-06	2.32797D-06	1.02018D-06
252	-2.13181D-05	2.26867D-02	-5.11665D-03	1.07104D-03	1.31579D-06	3.98475D-04

M O D A L A N A L Y S I S

MODE NUMBER 34
FREQUENCY= 25.7375 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	3.62032D-02	-1.01035D-02	-9.85383D-03	-1.08718D-04	-5.86057D-04	5.35853D-04
3	3.42169D-02	-1.85823D-02	-2.21850D-02	-9.88461D-04	-7.02223D-04	1.09338D-03
4	1.37569D-02	-1.85519D-02	-4.04164D-02	-1.02987D-03	-7.68798D-04	1.15479D-03
5	-2.83062D-03	-1.48836D-02	-5.28458D-02	-1.19482D-03	-7.93754D-04	1.29656D-03
6	1.07431D-03	-4.37355D-03	-3.86720D-02	-1.38124D-03	-1.04023D-03	1.05841D-03
7	2.61710D-02	7.86283D-03	8.14639D-03	-1.20850D-03	-8.93811D-04	9.17662D-04
8	4.57719D-02	8.06420D-03	4.21468D-02	-8.13184D-04	3.42040D-04	5.53059D-04
9	9.42080D-03	-2.53031D-03	6.95955D-03	-2.57527D-04	4.35718D-04	4.00976D-04
10	3.39121D-03	5.55821D-09	1.07816D-03	-2.39472D-04	4.80336D-04	4.89538D-04
11	-2.45977D-02	9.32449D-03	-1.77215D-02	-2.08767D-04	-4.65784D-04	1.10129D-03
12	2.64346D-02	2.83683D-06	-1.73628D-02	1.31917D-04	-6.99568D-04	6.15007D-04
13	3.41674D-02	3.87739D-03	-1.71550D-02	3.60265D-04	4.17436D-04	2.27354D-04
14	3.51626D-02	-3.01965D-02	1.48606D-02	-7.53331D-04	-8.12367D-04	-7.22686D-04
15	6.28215D-02	-6.53731D-02	1.55164D-02	-3.08751D-04	3.44069D-04	-1.64291D-03
16	4.25975D-02	-3.09664D-02	4.53467D 02	-3.58582D-04	1.90564D-03	-2.01741D-03
17	4.24837D-02	1.32630D-01	2.344 0D-01	-9.04126D-04	1.17963D-03	-9.54545D-04
18	4.43656D-02	1.45968D-01	2.42773D-01	-8.84293D-04	-1.27391D-04	-7.78688D-05
19	3.92505D-02	1.54962D-01	2.37687D-01	-1.04289D-03	-6.85911D-04	4.33722D-04
20	3.24525D-02	1.48563D-01	2.18480D-01	-1.07771D-03	-1.73131D-03	1.21720D-03
21	3.21319D-02	5.72205D-02	9.79312D-02	-1.55737D-03	-2.24220D-03	1.82829D-03
22	1.37345D-02	9.96812D-03	2.68714D-02	-1.19114D-03	-1.13240D-03	1.07934D-03
23	1.16024D-09	1.83457D-09	2.82486D-09	-1.60302D-07	-6.40151D-08	1.02526D-07
25	4.76981D-03	-5.21240D-03	1.44764D-03	-1.03579D-04	-7.62721D-05	2.14592D-05
26	5.39977D-03	-8.12861D-03	-1.97153D-03	-2.02239D-04	-4.39657D-05	6.99855D-05
27	4.60423D-03	-8.12494D-03	-4.22830D-03	-2.01416D-04	-4.29668D-05	7.60683D-05
28	1.98569D-03	-4.90902D-03	-6.52436D-03	-1.34388D-04	-9.78080D-05	1.70530D-04
29	1.98466D-03	-2.99631D-03	-5.43892D-03	-1.25404D-04	-1.02189D-04	1.68610D-04
30	1.82297D-03	-2.66410D-02	-2.16597D-02	1.03660D-04	1.65603D-04	-1.96644D-04
31	2.14532D-03	1.75613D-03	1.02393D-03	1.27840D-04	3.70327D-04	6.32495D-05
32	-2.46362D-02	-4.47697D-03	-2.57273D-02	-1.79172D-04	5.11572D-04	-5.44904D-04
33	-4.34346D-02	-1.21221D-02	-2.48236D-02	-1.93332D-04	7.37023D-04	-9.48885D-04
34	-8.45641D-02	9.54209D-02	1.67047D-02	-5.14094D-04	-2.03334D-04	-1.49792D-03
35	-7.57073D-02	9.19136D-02	1.39931D-02	-1.13444D-03	-9.29394D-04	-1.17491D-03
36	-1.41538D-02	3.18090D-02	-3.04723D-02	-2.16065D-03	-1.21432D-03	1.29355D-03
37	-3.44194D-02	5.39283D-02	-3.89149D-02	-7.27267D-04	-1.65730D-03	3.13745D-04
38	3.03752D-02	5.62232D-02	6.15323D-02	2.18548D-03	-3.31249D-03	-8.38015D-04
39	1.29217D-02	6.09627D-02	-1.84858D-02	-9.10861D-05	6.96141D-04	-1.75248D-04
40	1.00826D-02	6.57552D-02	-3.26336D-03	-1.01298D-03	1.04031D-03	-3.91573D-04
41	7.55331D-03	6.57730D-02	4.09232D-03	-1.01018D-03	9.12356D-04	-3.22974D-04
42	3.52014D-03	5.86479D-02	1.21328D-02	-6.85758D-04	1.10764D-04	3.54713D-04
43	2.84660D-03	4.76597D-02	1.21534D-02	-6.65516D-04	1.82844D-05	4.51481D-04
44	2.85239D-03	3.62048D-02	1.23611D-02	-7.66220D-04	5.41777D-05	6.96465D-04
45	3.25040D-03	1.36318D-02	-1.20386D-02	-7.19307D-04	-4.35949D-05	-3.16552D-04
46	3.24867D-03	1.40618D-02	-1.20359D-02	-7.29967D-04	4.68688D-05	-2.21899D-04
47	5.56362D-04	-1.29789D-03	-1.57527D-03	2.69882D-05	1.58573D-05	3.90126D-05
48	4.84054D-04	-1.39926D-03	-1.45910D-03	3.32466D-05	1.71989D-05	2.87934D-05
49	-7.04889D-04	-4.34446D-04	-3.58360D-04	1.52086D-05	-3.15060D-06	2.24472D-05
50	-3.78761D-04	-2.48328D-04	-2.81858D-04	-1.70992D-07	-2.06046D-05	2.11354D-05
51	-2.94063D-04	-1.55303D-04	-1.86313D-04	-7.84730D-07	-2.02959D-05	2.11263D-05

52	-3.89886D-06	-3.58173D-09	-2.54088D-06	-1.66618D-07	-1.35887D-06	6.64911D-07
53	-4.05014D-12	-2.98981D-14	-3.48053D-12	-2.57312D-11	-1.17763D-10	8.30072D-11
54	-8.86260D-05	-3.03984D-03	-3.77561D-04	3.19229D-04	4.51962D-06	-2.77784D-06
55	-4.92402D-04	9.15361D-03	-5.31050D-04	3.81535D-04	1.69400D-05	3.08249D-05
56	-6.07405D-04	1.30038D-02	-4.81757D-04	3.32241D-04	2.90979D-05	7.99716D-05
57	-7.47500D-04	-2.27335D-04	-1.38410D-04	1.16775D-04	-7.58927D-05	8.06818D-05
58	-6.03645D-05	-5.81647D-04	-1.28853D-03	4.73031D-05	-7.28617D-06	4.77914D-05
59	6.49229D-04	-6.12668D-04	-1.89825D-03	2.55334D-05	1.36536D-05	4.15591D-05
60	2.82815D-03	-2.56349D-03	3.99264D-03	-8.17591D-05	3.88445D-04	2.25496D-04
61	2.59696D-03	-1.97067D-03	4.85691D-03	1.80607D-04	1.18493D-04	-4.18744D-04
62	-1.62281D-02	5.19716D-04	-2.61374D-03	1.87574D-04	2.93695D-04	-2.89142D-04
63	-1.78750D-02	6.09361D-04	-3.75930D-03	2.80281D-04	-9.95322D-05	-3.79604D-06
64	-1.79345D-02	4.27481D-03	8.94282D-03	1.70897D-04	-1.89913D-04	3.77218D-05
65	-1.50348D-02	2.93883D-03	1.23951D-02	1.29673D-05	-6.96838D-05	-3.29996D-04
66	-4.42148D-03	2.95193D-03	1.23084D-02	-1.11750D-05	-4.66021D-05	-3.59783D-04
67	5.36336D-04	3.98148D-04	1.1850[illegible]D-02	-5.22069D-06	7.33099D-05	-2.61294D-04
68	-1.05336D-02	-8.20522D-03	5.00690D-03	1.13276D-04	-2.00212D-05	-2.92794D-05
69	-9.78780D-03	-6.92208D-03	5.13138D-03	2.16107D-04	-1.52555D-04	1.33420D-05
70	-3.72384D-03	2.13849D-03	5.01576D-03	2.09857D-04	-8.07323D-05	9.47932D-05
71	-3.10182D-03	4.78360D-03	3.53612D-03	2.42564D-04	1.01014D-04	1.04408D-04
72	-2.27101D-03	5.23600D-03	5.25358D-04	8.18353D-05	6.59067D-05	2.46981D-05
73	-1.43182D-03	5.34187D-03	4.11202D-03	-6.97315D-05	4.82431D-05	3.64858D-06
74	-1.39455D-03	4.87079D-03	3.93402D-03	-9.99017D-06	5.99648D-05	-6.66750D-05
76	-3.64257D-03	-5.04966D-04	2.18847D-03	1.70605D-04	-9.29982D-05	5.57605D-05
77	-3.57187D-03	-1.39931D-03	-2.95532D-04	1.42671D-04	-9.43020D-05	1.35554D-05
78	-4.81077D-04	6.63788D-04	-1.77482D-04	6.14253D-05	-1.07503D-04	-1.47297D-04
79	1.29110D-03	6.45917D-04	7.66114D-04	-4.06582D-05	3.04948D-05	6.32515D-05
80	7.65414D-05	5.82786D-05	3.86073D-06	-6.02591D-06	4.83247D-06	1.21433D-05
82	3.36749D-04	-5.15591D-04	4.77172D-04	-3.24909D-05	-3.08861D-05	2.39160D-05
83	5.12892D-04	-4.15314D-04	7.13349D-04	-6.85933D-06	-1.22300D-05	2.24133D-05
84	5.71094D-04	-8.23043D-05	8.78345D-04	6.35993D-06	-8.33038D-06	1.54894D-05
85	5.85699D-04	-2.04941D-05	8.34050D-04	1.72887D-05	3.54161D-07	-8.66347D-06
86	1.20817D-05	-1.78867D-05	3.48904D-07	7.93988D-06	1.78779D-08	-4.68397D-06
87	1.16392D-05	-3.94662D-05	-7.27997D-07	1.69619D-06	-3.39539D-07	5.56337D-07
88	8.68312D-06	-3.20533D-05	1.60213D-07	-2.19486D-06	-6.66715D-07	1.06856D-06
90	1.16595D-05	1.30000D-05	-6.86940D-07	3.10212D-06	3.26939D-07	-5.57093D-07
91	8.73760D-06	1.50517D-05	1.73590D-07	-8.56710D-07	6.68565D-07	4.21783D-07
93	5.16413D-03	-7.72118D-04	-1.43327D-03	-1.23608D-05	-2.86722D-04	1.67602D-04
94	2.53433D-02	-6.01045D-03	-6.91276D-03	-6.86788D-05	-5.30915D-04	4.24411D-04
95	-4.31596D-03	-7.77343D-03	-4.87031D-02	-1.32673D-03	-1.01418D-03	1.07601D-03
96	-7.94324D-03	1.63342D-02	-3.38335D-02	-1.98466D-03	-1.14556D-03	1.27146D-03
97	6.59879D-03	-1.84371D-03	-2.83831D-02	-1.35438D-03	-1.04587D-03	1.01050D-03
98	1.09287D-02	3.01703D-07	-2.03168D-02	-1.32449D-03	-1.03760D-03	9.89229D-04
99	2.96970D-02	3.86977D-04	2.65293D-02	-6.46520D-04	4.77598D-04	4.47085D-04
100	2.15576D-02	-2.73805D-03	1.86803D-02	-5.11631D-04	3.99081D-04	4.11790D-04
101	1.27102D-02	-3.31489D-03	1.01409D-02	-3.27816D-04	4.12428D-04	3.99007D-04
102	5.80368D-03	-1.14528D-03	3.43285D-03	-2.46222D-04	4.65591D-04	4.55370D-04
103	5.90815D-03	-2.54581D-03	5.11098D-03	-1.57701D-04	4.13962D-04	3.12827D-04
104	-2.01100D-02	7.53974D-03	-1.76820D-02	-2.10689D-04	-6.39278D-04	1.14143D-03
105	-5.65533D-03	3.10001D-03	-1.76549D-02	-2.09651D-04	-7.46747D-04	1.16429D-03
106	-4.01849D-02	6.01984D-03	-2.35570D-02	-2.79926D-04	-7.40836D-04	1.28568D-03
107	1.17156D-02	-1.95817D-04	-1.75181D-02	-8.43286D-05	-8.01643D-04	9.40236D-04
108	3.42638D-02	2.56005D-03	-1.30154D-02	3.10756D-04	5.15566D-04	2.84174D-04
109	2.98021D-02	1.68916D-03	-1.28490D-02	-1.89556D-04	7.59225D-04	3.93296D-04
110	2.73659D-02	8.32113D-04	-1.27784D-02	-1.32376D-04	8.63061D-04	4.40062D-04
111	2.28756D-02	5.20440D-04	-1.26653D-02	2.91564D-04	1.02398D-03	5.14109D-04
112	1.64243D-02	3.40509D-03	-1.25761D-02	8.62680D-04	1.12332D-03	5.61815D-04
113	-2.19943D-03	7.81370D-03	8.31577D-02	4.65434D-03	1.35955D-03	6.39905D-04
114	9.70924D-03	5.66830D-03	-1.25772D-02	1.04684D-04	1.11728D-03	5.64562D-04
115	6.78351D-03	5.03440D-03	-1.25779D-02	-3.18806D-04	1.11442D-03	5.66918D-04

116	3.02959D-03	2.90267D-03	-1.25786D-02	-6.60379D-04	1.11258D-03	5.69947D-04
117	-7.23264D-04	2.73495D-07	-1.25790D-02	-7.75188D-04	1.11280D-03	5.69947D-04
118	4.61894D-03	2.90286D-03	-1.09132D-02	-6.13386D-04	1.09314D-03	6.34509D-04
119	-9.21439D-03	-5.91443D-03	-1.25794D-02	-7.75769D-04	1.11370D-03	5.69947D-04
120	8.28703D-03	2.90321D-03	-7.80505D-03	-5.53274D-04	1.05332D-03	7.15516D-04
121	8.42577D-03	1.49291D-03	-5.63811D-03	-5.49721D-04	1.05038D-03	7.20047D-04
122	3.43813D-02	-4.65481D-06	-7.01399D-03	2.56780D-04	5.98713D-04	4.34002D-04
123	3.45953D-02	-1.22957D-02	5.80288D-03	1.54226D-04	6.57179D-04	6.93488D-04
124	3.50824D-02	-4.63923D-02	3.25006D-02	-1.04859D-04	2.54481D-04	3.71034D-04
125	3.51741D-02	-4.95109D-02	3.44741D-02	-1.58836D-04	7.43514D-05	1.32331D-04
126	3.53186D-02	-4.92311D-02	3.37150D-02	-2.25767D-04	-2.03920D-04	-2.64666D-04
127	4.67773D-02	-4.98644D-02	2.98350D-02	-1.49275D-04	-2.15658D-04	-4.04214D-04
128	3.52456D-02	-4.09368D-02	2.62055D-02	-4.48280D-04	-4.81299D-04	-4.85540D-04
129	3.52174D-02	-3.76189D-02	2.28524D-02	-5.55945D-04	-6.03448D-04	-5.76387D-04
130	2.42329D-02	-2.03066D-02	1.47217D-02	-1.00089D-03	-1.04477D-03	-7.62220D-04
131	4.39961D-02	-3.78441D-02	1.49606D-02	-6.49088D-04	-7.26397D-04	-8.55876D-04
132	4.26033D-02	3.81747D-08	7.61496D-02	-4.46288D-04	2.11893D-03	-2.03540D-03
133	3.23715D-02	1.26979D-01	1.88500D-01	-1.21288D-03	-2.06997D-03	1.52257D-03
134	3.31961D-03	1.64965D-06	1.45037D-02	-1.33547D-03	-1.26535D-03	-8.23318D-04
135	-1.71239D-02	2.27954D-02	1.43080D-02	-1.51962D-03	-1.32052D-03	-8.77229D-04
136	-4.52087D-02	5.61409D-02	1.40939D-02	-1.50529D-03	-1.23952D-03	-9.21796D-04
137	-2.42813D-02	6.04206D-02	-3.10207D-02	-1.60856D-03	-1.24933D-03	-8.60078D-04
138	-6.96177D-02	8.47964D-02	1.40209D-02	-1.24898D-03	-1.04242D-03	-1.09189D-03
139	-7.90443D-02	5.29779D-02	1.09390D-02	-2.67092D-05	4.98765D-04	-1.64365D-03
140	-5.43107D-02	2.82007D-06	-1.39315D-02	-7.56685D-05	7.85452D-04	-1.20702D-03
141	-4.76637D-02	-7.77511D-03	-2.05898D-02	-1.53544D-04	7.58451D-04	-1.03324D-03
142	-4.86979D-02	-6.78973D-03	-2.21056D-02	9.04106D-04	-1.80609D-04	-4.11245D-04
143	-4.77865D-02	-5.05019D-03	-2.14010D-02	9.56539D-04	-5.35990D-04	-5.45483D-04
144	-4.48887D-02	-4.10010D-03	-1.88311D-02	5.47295D-04	-1.03637D-03	-1.25035D-03
145	-3.97202D-02	-9.26586D-03	-1.39215D-02	-1.56509D-04	-1.30065D-03	-2.14462D-03
146	1.23495D-01	-1.33469D-02	-1.16315D-01	-5.44386D-03	-1.55456D-03	-7.72920D-03
147	-3.39449D-02	-1.30417D-02	-8.14286D-03	9.55240D-04	-1.39693D-03	-1.05191D-03
148	-3.12709D-02	-1.13528D-02	-5.46764D-03	1.57979D-03	-1.45185D-03	-4.43688D-04
149	-2.77105D-02	-6.47008D-03	-1.90595D-03	2.08822D-03	-1.49691D-03	4.37468D-05
150	-2.40706D-02	-5.61454D-07	1.73483D-03	2.25489D-03	-1.51316D-03	2.10424D-04
151	-2.79303D-02	-6.47045D-03	-7.69920D-03	2.30417D-03	-1.40127D-03	-1.87746D-04
152	-1.59140D-02	1.33012D-02	9.89219D-03	2.25582D-03	-1.51274D-03	2.11348D-04
153	-2.98647D-02	-6.47110D-03	-2.09446D-02	2.57405D-03	-1.20543D-03	-4.79758D-04
154	-2.96427D-02	-2.67883D-03	-2.89627D-02	2.58897D-03	-1.19093D-03	-4.96362D-04
155	-2.14451D-02	-1.38216D-06	-2.25400D-02	-1.28577D-04	4.76986D-04	-4.49081D-04
156	-1.01655D-02	6.73927D-03	-1.12756D-02	6.71868D-05	3.77826D-04	-5.73325D-05
157	-4.78701D-03	5.45187D-03	-5.79178D-03	9.69672D-05	3.74278D-04	3.34569D-05
158	-5.57614D-03	5.43046D-03	-4.16474D-03	8.35793D-05	3.74028D-04	5.10553D-05
159	9.47258D-04	2.63309D-03	-1.83222D-04	1.24344D-04	3.74884D-04	6.01560D-05
160	4.56086D-03	7.15245D-07	3.47391D-03	1.11338D-04	3.55356D-04	4.56181D-05
161	1.52460D-02	1.39165D-03	1.61201D-02	-1.98364D-05	4.44600D-05	-6.64203D-05
162	9.18858D-03	-2.46060D-07	3.32673D-03	7.73458D-05	-3.09660D-04	1.79833D-04
163	7.27312D-03	-4.19489D-03	-1.75638D-03	1.12468D-04	-3.28312D-04	2.51914D-04
164	6.02856D-03	-7.74101D-03	-5.43056D-03	1.29835D-04	-3.28179D-04	2.80996D-04
165	1.95446D-03	-2.69309D-02	-2.23534D-02	1.48199D-04	-1.49072D-04	1.61452D-04
166	2.44967D-02	5.61937D-02	4.63694D-02	2.15605D-03	-3.29454D-03	-8.42933D-04
167	3.88060D-02	5.64109D-02	8.27982D-02	2.22883D-03	-3.31073D-03	-8.59531D-04
168	2.47888D-02	5.90080D-02	3.53085D-02	2.14073D-03	-3.29723D-03	-7.97393D-04
169	1.64542D-02	6.15955D-02	-3.49675D-03	1.70854D-03	-2.30736D-03	-4.59993D-04
170	1.13700D-02	5.98291D-02	-2.62129D-02	3.91262D-04	4.39236D-04	-9.32475D-05
171	1.13654D-02	5.98438D-02	-2.84153D-02	8.81708D-04	4.39236D-04	7.12297D-05
172	1.17007D-02	5.98553D-02	-3.12150D-02	1.15541D-03	4.39236D-04	1.62763D-04
173	1.25784D-02	5.98610D-02	-3.72671D-02	1.18942D-03	4.39236D-04	1.74060D-04
174	1.37772D-02	5.98621D-02	-4.53743D-02	1.20591D-03	4.39236D-04	1.79065D-04
175	1.20653D-02	5.99594D-02	-2.27283D-02	1.50620D-04	6.09689D-04	-1.31652D-04

176	8.86905D-03	6.57633D-02	-1.85657D-07	-1.01962D-03	9.85472D-04	-3.63020D-04
177	2.97308D-03	2.53629D-08	1.36310D-02	-7.53523D-04	-6.51415D-05	5.20328D-04
178	3.12255D-03	-1.06789D-02	9.29518D-10	-7.36194D-04	-2.39599D-04	-1.96528D-04
179	-1.63240D-03	9.51414D-09	4.54087D-03	-5.22469D-04	1.10825D-04	-5.23404D-05
180	-1.22437D-04	1.94063D-03	3.41469D-04	-2.01824D-04	-7.26830D-05	-9.38738D-05
181	9.15795D-05	2.18303D-03	-2.99571D-04	-1.83465D-04	-6.19487D-05	-7.38186D-05
182	7.08384D-04	-9.76958D-05	-2.10724D-03	1.90817D-05	1.31250D-05	4.10241D-05
183	6.82109D-04	-3.32934D-04	-2.01431D-03	2.19704D-05	1.35682D-05	4.13473D-05
184	3.28628D-04	-6.12137D-04	-1.65657D-03	3.68673D-05	3.83940D-06	4.42476D-05
185	6.15161D-04	-8.86324D-04	-1.77933D-03	2.60302D-05	1.48132D-05	4.07929D-05
186	-4.41632D-04	-6.27660D-04	-6.06314D-04	3.05875D-05	1.14306D-05	2.05006D-05
187	-5.23633D-04	-5.30166D-04	-5.28665D-04	2.89024D-05	9.68340D-06	2.05781D-05
188	-5.89646D-04	-4.54317D-04	-4.69396D-04	2.68367D-05	8.00516D-06	2.10798D-05
189	-3.36343D-04	-2.02131D-04	-2.34546D-04	-4.75335D-07	-2.05022D-05	2.11304D-05
190	1.89631D-03	-1.68180D-07	-1.57513D-07	3.12220D-05	1.97567D-04	-2.63644D-04
191	1.98050D-03	-2.60358D-08	-3.56630D-03	-1.10313D-04	-1.10125D-04	1.61151D-04
192	1.98215D-03	-1.09685D-03	-4.27917D-03	-1.15918D-04	-1.07388D-04	1.65483D-04
193	6.20156D-04	-3.00188D-03	-6.65586D-03	-1.23242D-04	-9.37244D-05	1.26805D-04
194	3.51158D-03	-3.70848D-03	1.01742D-03	-9.14148D-05	-7.38470D-05	1.50194D-05
195	8.74843D-04	-8.52988D-04	2.42874D-04	-4.91817D-05	-4.64824D-05	3.74755D-06
196	-1.18825D-04	-3.03964D-03	-2.58177D-03	3.10791D-04	3.45060D-06	-5.03230D-06
197	-6.27201D-05	-2.92720D-03	2.83505D-03	3.20665D-04	4.50439D-06	-2.76181D-06
198	-1.27538D-04	-4.87870D-04	-3.91680D-04	3.25946D-04	5.52162D-06	9.39980D-09
199	-6.92337D-04	1.31419D-02	-2.11667D-04	3.18447D-04	4.64209D-05	9.26703D-05
200	-1.06003D-03	1.28491D-02	9.76627D-04	2.86856D-04	8.26492D-05	1.31149D-04
201	-5.68839D-04	1.28506D-02	4.34084D-05	2.79110D-04	8.57623D-05	1.56956D-04
202	-2.35687D-04	1.28515D-02	-5.29485D-04	2.77971D-04	8.77015D-05	1.60104D-04
203	2.69406D-04	1.26359D-02	-1.29918D-03	2.84608D-04	9.34132D-05	1.33569D-04
204	5.33156D-05	1.22365D-02	-5.80920D-04	2.71886D-04	1.00078D-04	1.65306D-04
205	-1.43951D-04	1.15993D-02	7.42964D-05	2.68952D-04	1.00485D-04	1.66330D-04
206	-1.56007D-03	1.15933D-02	2.59581D-03	2.53392D-04	9.17002D-05	1.73925D-04
207	-2.38678D-03	6.99967D-03	5.27376D-03	2.07458D-04	3.54524D-05	1.84365D-04
208	-8.66663D-04	-2.41169D-09	2.52935D-04	1.22031D-04	-7.89095D-05	8.24619D-05
209	3.42292D-04	-1.85767D-03	4.00565D-03	2.32494D-04	1.84422D-04	-5.15683D-04
210	-1.21631D-03	-1.65591D-03	3.38355D-03	2.40068D-04	1.96375D-04	-5.24486D-04
211	1.04488D-02	-2.13587D-03	8.67225D-03	2.52319D-04	1.96159D-04	-5.39300D-04
212	-2.93571D-03	-1.42659D-03	2.69239D-03	2.36695D-04	2.08781D-04	-5.16216D-04
213	-1.39602D-02	4.17736D-08	-1.70688D-03	1.93206D-04	3.05806D-04	-3.26410D-04
214	3.48232D-04	-1.59498D-08	1.17374D-02	-5.26496D-06	7.67408D-05	-2.58372D-04
215	-4.82327D-03	4.22294D-05	5.04416D-03	2.21053D-04	-1.22820D-04	7.54393D-05
216	-3.69900D-03	1.17366D-03	4.17968D-03	1.97591D-04	-8.54065D-05	8.75768D-05
217	-3.72819D-03	3.22628D-03	5.54095D-03	2.10925D-04	-5.17673D-05	1.04292D-04
218	-2.14249D-03	5.24454D-03	1.34788D-07	6.53540D-05	6.48570D-05	2.11684D-05
219	-1.55398D-03	5.33387D-03	2.06891D-03	-7.12983D-05	5.08611D-05	3.94826D-06
220	-1.54622D-03	5.33430D-03	2.21320D-03	-7.14144D-05	5.07733D-05	4.00711D-06
221	-1.55559D-03	5.34396D-03	1.95698D-03	-7.14132D-05	5.07514D-05	4.06787D-06
222	-1.53813D-03	5.33456D-03	2.35737D-03	-7.15043D-05	5.07065D-05	4.02257D-06
223	-1.46806D-03	5.34153D-03	3.54181D-03	-7.11011D-05	4.85748D-05	4.22739D-06
224	-1.45945D-03	5.34173D-03	3.68497D-03	-7.09877D-05	4.85080D-05	4.22386D-06
225	-1.46827D-03	5.35266D-03	3.44166D-03	-7.09873D-05	4.84689D-05	4.28477D-06
226	-1.45066D-03	5.34175D-03	3.82730D-03	-7.08597D-05	4.84784D-05	4.17021D-06
227	-7.35793D-04	2.71030D-03	2.06799D-03	1.13449D-06	5.39861D-05	-6.57170D-05
228	-3.66353D-03	3.81600D-08	2.93831D-03	1.80494D-04	-9.07435D-05	6.92311D-05
229	-3.31951D-03	-5.05724D-04	1.19156D-03	1.43994D-04	-8.97653D-05	4.84208D-05
230	-3.13579D-03	-5.06189D-04	6.49548D-04	1.28532D-04	-8.77369D-05	4.56823D-05
231	-1.22184D-07	6.63934D-04	1.04325D-08	5.97846D-05	-1.05914D-04	-1.43242D-04
232	1.84757D-03	6.47175D-04	1.11465D-03	-3.96902D-05	2.77933D-05	6.37128D-05
233	1.71894D-03	6.47081D-04	1.03456D-03	-3.98164D-05	2.80590D-05	6.37330D-05
234	1.88880D-03	8.47777D-04	1.05207D-03	-3.98267D-05	2.80814D-05	6.37336D-05
235	1.58999D-03	6.46960D-04	9.54073D-04	-3.99222D-05	2.83034D-05	6.37270D-05

236	1.18222D-10	-5.15553D-04	-8.18399D-10	-3.56900D-05	-3.31586D-05	2.39260D-05
237	2.39815D-05	-5.15611D-04	3.53514D-05	-3.49912D-05	-3.26515D-05	2.40360D-05
238	1.68623D-04	-5.15707D-04	2.42603D-04	-3.40852D-05	-3.19973D-05	2.41779D-05
239	1.68667D-04	-6.69705D-04	4.11234D-05	-3.40852D-05	-3.19858D-05	2.43639D-05
240	3.12922D-04	-5.15635D-04	4.44362D-04	-3.31831D-05	-3.13713D-05	2.40084D-05
241	3.83814D-05	-1.81124D-05	4.04143D-05	1.08566D-05	4.67772D-08	-7.37095D-06
242	1.19583D-05	-3.14298D-05	-5.55830D-07	5.61567D-06	1.14858D-07	-3.39273D-06
243	1.19576D-05	-2.12675D-06	-4.78481D-07	6.20965D-06	-9.57580D-08	-3.83006D-06
244	7.86738D-06	-2.91462D-05	1.33899D-07	-2.25676D-06	-6.50714D-07	8.77103D-07
245	3.89431D-06	-1.47990D-05	8.97073D-08	-2.07819D-06	-5.70500D-07	6.30084D-07
246	-7.54349D-08	-1.48028D-05	-1.30355D-05	-2.08181D-06	-5.70500D-07	6.30108D-07
247	7.08926D-07	-2.86142D-06	4.87629D-08	-1.44588D-06	-3.88168D-07	3.83007D-07
248	7.91872D-06	1.37479D-05	1.45782D-07	-9.65057D-07	6.53332D-07	3.45455D-07
249	3.92623D-06	7.21113D-06	9.90826D-08	-9.55798D-07	5.73770D-07	2.46977D-07
250	2.37622D-06	7.21301D-06	-5.93729D-06	-9.57444D-07	5.73770D-07	2.46318D-07
251	7.17359D-07	1.50027D-06	5.38591D-08	-6.86039D-07	3.90892D-07	1.50129D-07
252	-2.08314D-04	2.77801D-03	-4.26548D-04	3.58619D-04	1.25321D-05	1.50326D-05

M O D A L A N A L Y S I S

MODE NUMBER 35
FREQUENCY= 26.0274 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.54290D-02	-1.31493D-02	-3.84809D-03	-1.01036D-04	-1.80849D-04	3.34834D-05
3	1.63792D-02	-1.11380D-02	6.34437D-04	5.32215D-04	4.15761D-05	1.06497D-05
4	1.62320D-02	-1.11478D-02	1.05950D-02	5.42797D-04	7.97266D-05	1.42165D-05
5	1.50693D-02	-9.46114D-03	1.70957D-02	3.68314D-04	2.05893D-04	1.02135D-04
6	8.56069D-03	-3.60903D-03	8.37931D-03	1.60220D-04	6.06347D-04	1.45246D-04
7	-2.75478D-03	4.12746D-03	-1.22509D-02	3.73190D-05	2.91201D-04	8.46136D-05
8	-9.75508D-04	2.14937D-03	-1.17634D-02	-1.69848D-04	-2.32933D-04	4.99131D-05
9	1.90365D-02	-1.76559D-03	8.82738D-03	-1.39068D-04	-7.58201D-05	2.52675D-04
10	1.93733D-02	4.32809D-08	9.22720D-03	-1.12249D-04	2.85219D-05	2.80533D-04
11	-2.54115D-03	7.60113D-03	6.75032D-04	-1.03597D-04	1.84723D-05	3.93502D-04
12	4.91138D-03	8.24254D-07	7.30704D-04	-5.17422D-05	-1.56625D-04	2.03013D-04
13	7.58878D-03	-2.73999D-04	-7.54195D-04	6.16823D-05	-4.04618D-07	3.10913D-06
14	7.85335D-03	-1.61487D-03	4.79781D-04	-4.51627D-05	-1.13934D-04	-6.24926D-05
15	1.21967D-02	-6.89074D-03	5.44036D-0	-8.34756D-05	2.37078D-05	-1.86566D-04
16	1.03223D-02	-3.91881D-03	3.34639D-03	-8.82513D-05	1.77881D-04	-2.52285D-04
17	1.02437D-02	1.93916D-02	2.02872D-02	-1.30913D-04	9.14985D-05	-1.55320D-04
18	1.02392D-02	2.15658D-02	2.07094D-02	-1.20084D-04	-3.81887D-05	-2.68470D-05
19	9.41569D-03	2.29239D-02	1.99099D-02	-1.35264D-04	-8.56147D-05	4.88139D-05
20	8.66989D-03	2.20068D-02	1.79947D-02	-1.26469D-04	-1.54004D-04	1.73773D-04
21	8.56027D-03	8.23756D-03	8.25685D-03	-1.57406D-04	-1.68374D-04	2.92641D-04
22	3.85797D-03	9.52732D-04	2.51626D-03	-1.13430D-04	-6.78941D-05	2.04448D-04
23	3.78887D-10	2.41349D-10	2.27367D-10	-1.49795D-08	-1.09174D-09	2.29758D-08
25	7.86503D-04	-4.96751D-05	2.51148D-04	-5.80534D-06	-1.45579D-05	9.70095D-06
26	9.92255D-04	-2.72037D-04	-5.87673D-05	-2.90669D-05	-2.13424D-05	1.03375D-05
27	8.73333D-04	-2.71682D-04	-3.85295D-04	-3.02851D-05	-2.26187D-05	1.07839D-05
28	6.37710D-04	-7.87012D-05	-6.67513D-04	-4.17663D-05	-2.71857D-05	3.89952D-06
29	6.36658D-04	-3.82721D-05	-3.62082D-04	-4.34956D-05	-2.79615D-05	2.95463D-06
30	5.55561D-04	-2.04089D-03	-5.93365D-03	-3.46344D-05	4.25437D-05	-1.43679D-05
31	1.38905D-03	4.07434D-05	1.65933D-03	-4.62675D-05	7.48047D-05	4.98179D-05
32	-3.10489D-03	-1.27259D-04	-2.81751D-03	-2.42593D-05	6.82727D-05	3.20021D-06
33	-5.35474D-03	-5.13154D-04	-2.76069D-03	-1.68048D-06	8.07841D-05	-2.85817D-05
34	-8.91497D-03	4.75235D-03	8.57687D-04	-1.74565D-05	-4.67256D-05	-6.37116D-05
35	-7.51326D-03	4.59263D-03	3.94185D-04	-5.36055D-05	-1.34492D-04	-4.50669D-05
36	3.14874D-02	-2.72816D-03	-4.01699D-03	1.58338D-04	2.71257D-03	6.65503D-04
37	7.99347D-02	3.57951D-03	-4.15759D-02	-1.93607D-03	9.10920D-03	9.40500D-05
38	-5.80283D-02	3.59633D-03	-5.42305D-01	-8.42516D-03	2.68043D-02	1.39976D-03
39	9.87957D-02	5.81387D-02	2.04213D-01	9.17147D-03	-2.91527D-03	-3.48112D-03
40	4.60812D-02	7.64467D-02	4.69137D-02	1.51194D-02	-4.58012D-03	-4.56701D-03
41	1.40347D-02	7.64691D-02	-6.13824D-02	1.52363D-02	-3.42031D-03	-4.17216D-03
42	5.71280D-03	2.00694D-01	-1.93271D-01	1.23862D-02	5.26414D-05	-1.49887D-03
43	-5.33424D-03	3.98119D-01	-1.93546D-01	1.16610D-02	8.40775D-04	1.00981D-03
44	-1.28352D-02	4.43072D-01	-1.89178D-01	7.05509D-03	1.09635D-04	7.89843D-03
45	-1.70465D-02	1.84791D-01	7.30761D-02	1.78760D-04	2.54967D-05	-2.55604D-03
46	-1.69890D-02	1.89423D-01	7.25236D-02	-1.18025D-04	-4.35190D-04	-8.91167D-04
47	3.20257D-03	-1.06876D-02	-9.34513D-03	2.01750D-04	5.60950D-05	4.36995D-04
48	2.87227D-03	-1.21604D-02	-8.82800D-03	2.86273D-04	9.06483D-05	3.03529D-04
49	-4.49076D-03	-4.49973D-03	-2.02335D-03	1.47046D-04	-1.44095D-05	1.99756D-04
50	-2.57411D-03	-2.35473D-03	-1.55233D-03	2.93737D-05	-1.24356D-04	1.75115D-04
51	-2.06269D-03	-1.46413D-03	-9.75530D-04	2.51022D-05	-1.22682D-04	1.73347D-04

52	-2.59334D-05	2.99250D-09	-1.38996D-05	-4.81196D-07	-7.98769D-06	5.10359D-06
53	-2.47924D-11	2.49795D-14	-2.03967D-11	-9.49997D-11	-6.92234D-10	6.24542D-10
54	-3.67734D-03	5.58384D-05	-2.69067D-03	1.38213D-04	1.21068D-05	1.47161D-04
55	-6.08786D-03	7.79736D-03	-3.43325D-03	2.27111D-04	1.42977D-04	1.32900D-04
56	-7.65605D-03	1.00592D-02	-2.81932D-03	2.81124D-04	5.96221D-05	1.06673D-04
57	-6.82024D-03	-4.69689D-04	-6.03057D-03	2.52116D-04	-2.98770D-06	1.80479D-04
58	-3.84203D-03	-2.14727D-03	-7.67486D-03	1.71558D-04	2.66353D-05	4.34053D-04
59	3.48211D-03	-2.28293D-03	-1.03717D-02	1.74539D-04	3.34236D-05	4.74436D-04
60	1.27664D-02	-1.76978D-03	5.74603D-03	-1.43368D-04	-4.49765D-05	3.06546D-04
61	6.25251D-03	-1.58033D-03	3.16690D-03	-1.66823D-04	5.49856D-05	4.76912D-04
62	5.08399D-03	-7.00944D-05	2.69066D-03	-1.29816D-04	-1.39261D-05	2.95914D-04
63	5.01369D-03	8.12946D-04	2.32106D-03	-2.12920D-04	6.52385D-05	4.39932D-05
64	5.02810D-03	-5.47438D-04	-3.52597D-03	-1.33753D-04	7.66707D-05	-3.91333D-05
65	4.59498D-03	-6.35886D-04	-5.39535D-03	-3.08950D-05	1.05758D-06	7.82914D-05
66	1.97382D-03	-6.49676D-04	-6.02118D-03	-1.58337D-05	-1.01555D-05	9.03113D-05
67	1.08388D-03	-1.07639D-04	-5.86362D-03	3.26239D-06	-5.33606D-05	7.01963D-05
68	6.74236D-03	3.60506D-03	-2.35655D-03	-3.97317D-05	2.43953D-05	9.12606D-06
69	6.21906D-03	3.08409D-03	-2.45536D-03	-9.23890D-05	9.85611D-05	-1.01696D-05
70	2.38849D-03	-9.33258D-04	-2.39550D-03	-9.74387D-05	5.04028D-05	-4.17117D-05
71	2.12576D-03	-2.07918D-03	-1.81656D-03	-1.19724D-04	-4.99610D-05	-4.41325D-05
72	1.77313D-03	-2.27037D-03	-2.84086D-04	-4.40014D-05	-3.44358D-05	-1.20756D-05
73	8.20130D-04	-2.31657D-03	-1.88107D-03	3.47921D-05	-2.44001D-05	-1.01914D-05
74	6.55357D-04	-2.20604D-03	-1.82677D-03	5.67300D-06	-2.81123D-05	2.91428D-05
76	2.33809D-03	2.15914D-04	-7.94121D-04	-8.16204D-05	4.92038D-05	-2.29362D-05
77	2.29408D-03	5.34282D-04	4.57346D-04	-7.06565D-05	4.62517D-05	-2.76745D-07
78	3.12026D-04	-8.18589D-04	1.20947D-04	-4.10200D-05	3.91545D-05	9.58259D-05
79	-1.17312D-03	-7.58155D-04	-7.99734D-04	3.60912D-05	-3.69821D-05	-4.54412D-05
80	-7.20972D-05	-8.62627D-05	-3.60202D-06	8.00194D-06	-5.40641D-06	-8.48383D-06
82	-2.57875D-04	2.22351D-04	-2.62696D-04	1.79422D-05	1.54947D-05	-1.80434D-05
83	-3.67046D-04	1.64495D-04	-3.87526D-04	5.43449D-06	5.22710D-06	-1.11597D-05
84	-3.90620D-04	2.41181D-05	-4.54445D-04	-1.91284D-06	3.27472D-06	-6.21168D-06
85	-3.83411D-04	6.29226D-06	-4.31534D-04	-8.49138D-06	-1.25980D-06	6.62535D-06
86	-6.96135D-06	5.49240D-06	-1.49642D-07	-4.11988D-06	-6.18078D-08	3.03135D-06
87	-6.66933D-06	2.06140D-05	4.81514D-07	-8.49908D-07	2.17520D-07	-5.80222D-08
88	-4.91740D-06	1.68861D-05	-7.58294D-08	1.16716D-06	3.80156D-07	-4.43340D-07
90	-6.73516D-06	-1.24856D-05	3.53295D-07	-1.28196D-06	-1.76152D-07	2.84114D-07
91	-5.08511D-06	-1.16644D-05	-1.11668D-07	7.56184D-07	-3.87336D-07	-2.44651D-07
93	2.72829D-03	-2.65447D-03	-6.38004D-04	-1.20984D-04	-1.38751D-04	3.44954D-05
94	1.16188D-02	-1.04349D-02	-2.88349D-03	-1.41351D-04	-1.98806D-04	4.30112D-05
95	1.16156D-02	-5.89337D-03	1.39977D-02	1.91723D-04	5.68922D-04	1.34996D-04
96	1.91948D-02	-3.53300D-03	2.66179D-03	1.57051D-04	1.91429D-03	4.63882D-04
97	5.52164D-03	-1.48684D-03	2.82048D-0	1.34508D-04	5.42682D-04	1.33047D-04
98	3.37175D-03	-1.33992D-09	-1.10532D-03	1.14206D-04	4.91705D-04	1.23217D-04
99	7.67142D-03	-1.48636D-03	-2.86008D-03	-1.87879D-04	-2.98151D-04	9.81328D-05
100	1.33862D-02	-2.78285D-03	3.03085D-03	-1.78659D-04	-2.62990D-04	1.48708D-04
101	1.81751D-02	-2.45911D-03	7.92549D-03	-1.51855D-04	-1.36920D-04	2.23286D-04
102	1.94058D-02	-7.69751D-04	9.23459D-03	-1.22969D-04	-1.34364D-05	2.69409D-04
103	1.63078D-02	-1.76768D-03	7.42486D-03	-1.40414D-04	-6.16250D-05	2.80396D-04
104	-2.53630D-03	6.67314D-03	6.85219D-04	-1.15956D-04	-5.34055D-05	3.97150D-04
105	-9.96069D-04	4.16212D-03	6.91784D-04	-1.22197D-04	-1.03685D-04	3.99227D-04
106	-1.27995D-02	5.17951D-03	-2.56355D-03	-1.30024D-04	-1.03027D-04	4.39599D-04
107	1.89250D-03	1.60368D-03	7.10309D-04	-1.05063D-04	-1.44293D-04	3.19191D-04
108	7.61234D-03	-1.26249D-04	-6.33069D-04	5.83877D-05	1.84300D-05	1.61833D-06
109	7.14289D-03	9.10356D-05	-6.28144D-04	1.75447D-05	1.07545D-04	6.84768D-05
110	6.76325D-03	1.18656D-04	-6.26023D-04	1.02078D-05	1.39606D-04	9.71304D-05
111	5.98172D-03	1.43372D-04	-6.22653D-04	1.10772D-05	1.82161D-04	1.42499D-04
112	4.81436D-03	2.23346D-04	-6.19988D-04	2.28024D-05	2.01924D-04	1.71728D-04
113	-1.03998D-03	4.27957D-05	2.45026D-03	1.36591D-04	2.11657D-04	2.19838D-04
114	3.56853D-03	2.59838D-04	-6.20046D-04	-3.29885D-06	2.10975D-04	1.73258D-04
115	3.00381D-03	2.19884D-04	-6.20083D-04	-1.78743D-05	2.16181D-04	1.74571D-04

116	2.26121D-03	1.23213D-04	-6.20122D-04	-2.96186D-05	2.20489D-04	1.76259D-04
117	1.50763D-03	9.42968D-09	-6.20144D-04	-3.35832D-05	2.22103D-04	1.76259D-04
118	2.77583D-03	1.23221D-04	-5.46313D-04	-2.68973D-05	2.09625D-04	2.12222D-04
119	-1.86030D-04	-2.56235D-04	-6.20163D-04	-3.36090D-05	2.22121D-04	1.76259D-04
120	4.06005D-03	1.23237D-04	-4.12647D-04	-2.34350D-05	1.87380D-04	2.57379D-04
121	4.60467D-03	6.36031D-05	-3.21028D-04	-2.32328D-05	1.85732D-04	2.59911D-04
122	7.64145D-03	-8.03682D-07	-2.98658D-04	5.47509D-05	3.63875D-05	1.68027D-05
123	7.69469D-03	-8.28446D-04	7.11354D-04	4.78410D-05	5.59209D-05	5.12485D-05
124	7.81699D-03	-3.65349D-03	3.31608D-03	3.03844D-05	2.23132D-05	2.50885D-05
125	7.84023D-03	-3.84941D-03	3.48311D-03	2.67476D-05	6.82696D-07	-4.01417D-07
126	7.87698D-03	-3.51561D-03	3.22029D-03	2.22379D-05	-3.49113D-05	-4.42727D-05
127	9.99654D-03	-3.46065D-03	4.14508D-03	3.39973D-05	-3.74764D-05	-7.47697D-05
128	7.86617D-03	-2.54934D-03	2.08196D-03	-6.18992D-06	-7.03823D-05	-5.03121D-05
129	7.86190D-03	-2.24326D-03	1.60176D-03	-1.99450D-05	-8.62931D-05	-5.42400D-05
130	6.32434D-03	-1.06113D-03	4.66560D-04	-5.48638D-05	-1.45578D-04	-5.61216D-05
131	9.08530D-03	-2.17549D-03	4.89253D-04	-5.39305D-05	-1.01808D-04	-8.04506D-05
132	1.03156D-02	1.40650D-07	6.21930D-03	-9.51100D-05	1.96190D-04	-2.67121D-04
133	8.64154D-03	1.88882D-02	1.54239D-02	-1.35187D-04	-1.73170D-04	2.24208D-04
134	3.41783D-03	9.72732D-08	4.46018D-04	-6.90667D-05	-1.74487D-04	-4.62754D-05
135	6.23122D-04	1.16208D-03	4.27787D-04	-7.71135D-05	-1.81332D-04	-3.75877D-05
136	-3.23025D-03	2.84343D-03	4.07991D-04	-7.58554D-05	-1.71608D-04	-3.04056D-05
137	-2.92615D-03	3.02839D-03	-2.08755D-03	-8.27731D-05	-1.72517D-04	-2.20305D-05
138	-6.64262D-03	4.25439D-03	3.97945D-04	-6.03843D-05	-1.48076D-04	-4.02583D-05
139	-8.90036D-03	2.62775D-03	8.09490D-04	1.02925D-05	3.97991D-05	-7.13791D-05
140	-6.51654D-03	1.39278D-07	-1.59516D-03	6.73301D-06	8.17279D-05	-4.50334D-05
141	-5.81534D-03	-3.40709D-04	-2.29876D-03	1.71465D-06	8.13903D-05	-3.43785D-05
142	-5.90622D-03	-3.13584D-05	-2.42971D-03	9.03522D-05	-2.79648D-05	-2.27671D-05
143	-5.78889D-03	1.51815D-04	-2.32961D-03	9.52869D-05	-6.83839D-05	-5.08369D-05
144	-5.43963D-03	2.22006D-04	-2.00770D-03	6.25468D-05	-1.23922D-04	-1.35846D-04
145	-4.83285D-03	-3.04302D-04	-1.42251D-03	5.21337D-06	-1.51853D-04	-2.26855D-04
146	1.04674D-02	-6.08115D-04	-9.26369D-03	-4.24527D-04	-1.73798D-04	-7.10993D-04
147	-4.15884D-03	-7.70143D-04	-7.48018D-04	9.36523D-05	-1.63016D-04	-1.40701D-04
148	-3.84689D-03	-7.09468D-04	-4.35857D-04	1.43358D-04	-1.69387D-04	-9.29555D-05
149	-3.43160D-03	-4.17398D-04	-2.03365D-05	1.83860D-04	-1.74617D-04	-5.49745D-05
150	-3.00702D-03	-4.46209D-08	4.04359D-04	1.97091D-04	-1.76508D-04	-4.17430D-05
151	-3.62806D-03	-4.17431D-04	-5.28402D-04	2.01480D-04	-1.63134D-04	-9.10710D-05
152	-2.05558D-03	8.38156D-04	1.35591D-03	1.97151D-04	-1.76458D-04	-4.16834D-05
153	-4.26183D-03	-4.17493D-04	-1.68150D-03	2.23460D-04	-1.39620D-04	-1.36553D-04
154	-4.55713D-03	-2.61958D-04	-2.31400D-03	2.24669D-04	-1.37878D-04	-1.39128D-04
155	-2.67339D-03	-3.20093D-08	-2.38759D-03	-2.73339D-05	6.61565D-05	1.06653D-05
156	-9.31772D-04	1.92184D-04	-6.53106D-04	-4.15642D-05	6.54954D-05	4.21067D-05
157	3.62971D-05	1.36583D-04	3.31909D-04	-4.69402D-05	6.96012D-05	5.10861D-05
158	-1.33467D-03	3.06172D-04	-1.13226D-03	-5.04497D-05	6.95644D-05	5.52141D-05
159	1.14337D-03	6.73752D-05	1.41308D-03	-4.61488D-05	7.33955D-05	5.08585D-05
160	1.90410D-03	3.10213D-08	2.17922D-03	-4.74382D-05	7.55420D-05	4.67265D-05
161	4.40341D-03	3.21309D-04	5.12230D-03	-5.22969D-05	8.22245D-06	2.95484D-05
162	2.63301D-03	-1.66549D-08	1.37766D-03	-4.11146D-05	-8.79828D-05	3.51459D-05
163	2.09167D-03	-3.50442D-04	-6.67216D-05	-3.80617D-05	-9.28061D-05	3.74462D-05
164	1.74357D-03	-6.34788D-04	-1.10054D-03	-3.64578D-05	-9.25033D-05	3.75402D-05
165	5.98610D-04	-2.09277D-03	-5.90667D-03	-3.32450D-05	-4.40896D-05	1.85819D-05
166	-4.82045D-02	3.59655D-03	-4.84357D-01	-8.25634D-03	2.66124D-02	1.41174D-03
167	-7.04829D-02	3.75860D-03	-6.21554D-01	-8.75975D-03	2.67917D-02	1.43762D-03
168	-1.29631D-02	6.67800D-03	-3.29993D-01	-8.03334D-03	2.67294D-02	1.30632D-03
169	5.43636D-02	1.24869D-02	-1.15604D-02	-4.34272D-03	1.94338D-02	3.87917D-04
170	1.05888D-01	4.19812D-02	2.35832D-01	5.81442D-03	-1.09972D-03	-2.44447D-03
171	1.00158D-01	4.19917D-02	2.21715D-01	3.03851D-03	-1.09972D-03	-1.16661D-03
172	9.81379D-02	4.20000D-02	2.15969D-01	1.49858D-03	-1.09972D-03	-4.57447D-04
173	9.61296D-02	4.20041D-02	2.09019D-01	1.30997D-03	-1.09972D-03	-3.70508D-04
174	9.37949D-02	4.20049D-02	2.00532D-01	1.23546D-03	-1.09972D-03	-3.35653D-04
175	1.02917D-01	4.94546D-02	2.22713D-01	7.49241D-03	-2.33414D-03	-2.96584D-03

176	3.17615D-02	7.64568D-02	1.03285D-06	1.52279D-02	-4.08306D-03	-4.43927D-03
177	-1.40390D-02	4.91136D-07	-1.66668D-01	5.19404D-03	1.35511D-03	6.20191D-03
178	-1.56083D-02	-8.30148D-02	-1.03711D-07	2.65397D-03	2.13365D-03	-2.85029D-03
179	1.08272D-02	1.58084D-07	-2.59108D-02	-6.26662D-04	-5.75811D-04	1.49285D-03
180	1.41814D-03	2.86067D-02	-3.9288[illegible]D-03	2.30009D-04	1.99226D-04	-4.53719D-04
181	8.08310D-04	3.26609D-02	-2.64234D-03	1.89378D-04	9.55074D-05	-2.52775D-04
182	3.56700D-03	4.22378D-03	-1.07193D-02	1.62496D-04	1.26254D-05	4.95443D-04
183	3.54104D-03	1.24082D-03	-1.06028D-02	1.67423D-04	2.20245D-05	4.87629D-04
184	-2.38319D-05	-2.28841D-03	-9.10072D-03	1.70243D-04	3.01256D-05	4.57186D-04
185	3.39265D-03	-5.66093D-03	-1.00354D-02	1.84637D-04	4.41845D-05	4.61425D-04
186	-2.58917D-03	-6.50084D-03	-3.79407D-03	2.84819D-04	7.27643D-05	1.96501D-04
187	-3.11621D-03	-5.61391D-03	-3.29714D-03	2.70093D-04	6.26151D-05	1.95148D-04
188	-3.54758D-03	-4.91118D-03	-2.91064D-03	2.51047D-04	5.27986D-05	1.98508D-04
189	-2.31808D-03	-1.91158D-03	-1.26681D-03	2.72527D-05	-1.23829D-04	1.74230D-04
190	5.88267D-04	-1.62874D-08	-4.01921D-08	-3.74366D-05	5.82306D-05	-1.89136D-05
191	6.33420D-04	1.33722D-08	1.47558D-04	-4.29118D-05	-2.83134D-05	3.83496D-06
192	6.34658D-04	-1.62333D-05	-4.22868D-0[illegible]	-4.31286D-05	-2.84253D-05	3.21062D-06
193	6.63842D-04	-3.08649D-05	-8.76400D-04	-6.11239D-05	-2.47831D-05	-5.47138D-06
194	5.58577D-04	-2.17687D-05	1.70799D-04	-4.14473D-06	-1.30535D-05	8.04031D-06
195	1.28704D-04	4.39483D-06	3.93581D-05	-1.23400D-06	-7.23907D-06	3.69163D-06
196	-2.66662D-03	5.44421D-05	-3.63666D-03	1.32138D-04	1.17054D-05	1.42776D-04
197	-5.19372D-03	1.21814D-04	-1.32008D-03	1.37507D-04	1.22150D-05	1.49958D-04
198	-3.75803D-03	1.54107D-03	-2.71581D-03	1.45879D-04	1.47120D-05	1.47416D-04
199	-7.80410D-03	9.89566D-03	-2.38619D-03	2.80675D-04	4.38461D-05	1.08278D-04
200	-7.98604D-03	9.40240D-03	-1.88504D-03	2.75936D-04	1.68637D-05	1.24050D-04
201	-7.59264D-03	9.40305D-03	-2.82963D-03	2.91995D-04	8.74156D-06	1.15511D-04
202	-7.35809D-03	9.40341D-03	-3.44022D-03	2.98319D-04	3.68240D-06	1.13018D-04
203	-6.90317D-03	9.32018D-03	-4.66357D-03	3.02292D-04	-5.34174D-06	1.20626D-04
204	-6.89861D-03	8.96954D-03	-4.67937D-03	2.92334D-04	5.54722D-06	1.61717D-04
205	-6.91692D-03	8.47893D-03	-4.60703D-03	3.01063D-04	1.06669D-05	1.40613D-04
206	-8.03540D-03	8.47314D-03	-1.80850D-03	2.68481D-04	-5.71858D-06	1.47517D-04
207	-7.81687D-03	5.60154D-03	-2.65659D-03	2.65677D-04	-3.46804D-05	1.51357D-04
208	-6.82770D-03	8.52730D-09	-6.00977D-03	2.55249D-04	-7.43863D-06	1.70951D-04
209	5.30666D-03	-1.10178D-03	2.79055D-03	-1.68618D-04	3.66221D-05	4.92696D-04
210	5.00246D-03	-8.46222D-04	2.66846D-03	-1.68673D-04	3.22656D-05	4.94335D-04
211	-5.80170D-03	-4.23398D-04	-1.01427D-03	-1.70126D-04	3.21994D-05	5.02668D-04
212	4.76319D-03	-5.90158D-04	2.57137D-03	-1.66773D-04	2.76539D-05	4.87063D-04
213	4.95438D-03	-2.02259D-08	2.64007D-03	-1.35307D-04	-1.53872D-05	3.26698D-04
214	1.22234D-03	1.80259D-08	-5.78142D-03	3.97669D-06	-5.45269D-05	6.99556D-05
215	3.07500D-03	2.57733D-05	-2.41017D-03	-1.00204D-04	7.70851D-05	-3.42169D-05
216	2.37310D-03	-5.09103D-04	-1.89283D-03	-9.24955D-05	5.01518D-05	-3.82036D-05
217	2.39132D-03	-1.41089D-03	-2.74838D-03	-9.92302D-05	3.49131D-05	-4.56911D-05
218	1.71006D-03	-2.27412D-03	-7.09575D-08	-3.57387D-05	-3.38492D-05	-1.08438D-05
219	1.10716D-03	-2.31323D-03	-8.68580D-04	3.49072D-05	-2.60270D-05	-9.19541D-06
220	1.08873D-03	-2.31342D-03	-9.39268D-04	3.49852D-05	-2.59780D-05	-9.26418D-06
221	1.09169D-03	-2.35769D-03	-8.07684D-04	3.49846D-05	-2.59689D-05	-9.29135D-06
222	1.07001D-03	-2.31353D-03	-1.00996D-03	3.50497D-05	-2.59376D-05	-9.31189D-06
223	9.06042D-04	-2.31648D-03	-1.59649D-03	3.53701D-05	-2.46498D-05	-1.03426D-05
224	8.85130D-04	-2.31656D-03	-1.66776D-03	3.53266D-05	-2.46094D-05	-1.03589D-05
225	8.87491D-04	-2.36671D-03	-1.54406D-03	3.53264D-05	-2.45915D-05	-1.03863D-05
226	8.64061D-04	-2.31657D-03	-1.73867D-03	3.52747D-05	-2.45861D-05	-1.03496D-05
227	3.45741D-04	-1.24788D-03	-9.57289D-04	-3.04585D-08	-2.51091D-05	2.98440D-05
228	2.35110D-03	-1.38613D-08	-1.19475D-03	-8.56056D-05	4.96579D-05	-2.94712D-05
229	2.20574D-03	2.16339D-04	-3.17148D-04	-6.87164D-05	4.74486D-05	-2.04068D-05
230	2.12776D-03	2.16601D-04	-5.87030D-05	-6.10900D-05	4.63473D-05	-2.00197D-05
231	7.59026D-08	-8.18337D-04	-2.63895D-09	-4.02292D-05	3.82772D-05	9.33553D-05
232	-1.57207D-03	-7.60477D-04	-1.10651D-03	3.47026D-05	-3.55676D-05	-4.53486D-05
233	-1.48039D-03	-7.60286D-04	-1.03643D-03	3.48655D-05	-3.57143D-05	-4.54072D-05
234	-1.68697D-03	-9.38735D-04	-1.05457D-03	3.48772D-05	-3.57348D-05	-4.54077D-05
235	-1.38833D-03	-7.60064D-04	-9.65861D-04	3.50082D-05	-3.58415D-05	-4.54450D-05

236	-7.53127D-11	2.22277D-04	4.06576D-10	1.95997D-05	1.67154D-05	-1.85903D-05
237	-1.86198D-05	2.22317D-04	-1.94252D-05	1.92366D-05	1.64401D-05	-1.85493D-05
238	-1.29798D-04	2.22384D-04	-1.33446D-04	1.87654D-05	1.60849D-05	-1.84776D-05
239	-1.29833D-04	3.39660D-04	-3.21939D-05	1.87654D-05	1.60757D-05	-1.85737D-05
240	-2.39797D-04	2.22363D-04	-2.44598D-04	1.82983D-05	1.57524D-05	-1.82240D-05
241	-2.36877D-05	5.56168D-06	-2.11084D-05	-5.68739D-06	-1.64760D-07	4.67994D-06
242	-6.89255D-06	1.48620D-05	4.64247D-07	-2.93581D-06	-9.01706D-08	2.29678D-06
243	-6.88856D-06	-4.55751D-06	2.06173D-07	-3.11814D-06	2.54422D-08	2.43101D-06
244	-4.45480D-06	1.53508D-05	-6.33013D-08	1.19481D-06	3.69870D-07	-3.63723D-07
245	-2.20249D-06	7.78013D-06	-4.22624D-08	1.09610D-06	3.23372D-07	-2.61002D-07
246	-5.59538D-07	7.78221D-06	6.88078D-06	1.09805D-06	3.23372D-07	-2.60851D-07
247	-3.99610D-07	1.49769D-06	-2.29729D-08	7.61285D-07	2.19768D-07	-1.58654D-07
248	-4.60917D-06	-1.06215D-05	-9.36988D-08	7.98093D-07	-3.79269D-07	-2.00370D-07
249	-2.28766D-06	-5.44957D-06	-6.35228D-08	7.51365D-07	-3.33721D-07	-1.43239D-07
250	-1.38876D-06	-5.45102D-06	4.68197D-06	7.52684D-07	-3.33721D-07	-1.42851D-07
251	-4.19083D-07	-1.07962D-06	-3.45296D-08	5.27904D-07	-2.27565D-07	-8.70702D-08
252	-4.01483D-03	3.55497D-03	-2.79636D-03	1.86373D-04	6.91872D-05	1.45463D-04

M O D A L A N A L Y S I S

MODE NUMBER 36
FREQUENCY= 26.4637 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-8.44930D-04	-4.57782D-03	1.71710D-04	-6.41873D-05	3.89833D-05	-6.12052D-05
3	-1.19105D-03	-4.36413D-03	1.26817D-03	1.34086D-04	1.52413D-04	-1.03053D-04
4	7.78695D-04	-4.36512D-03	3.79386D-03	1.54484D-04	1.79359D-04	-1.13283D-04
5	2.22548D-03	-4.35170D-03	6.21172D-03	3.01151D-04	1.66244D-04	-1.35834D-04
6	7.87752D-04	-2.31350D-03	4.14509D-03	4.06872D-04	1.87960D-04	-1.03802D-04
7	-3.79650D-03	1.10514D-03	-4.38676D-03	2.95898D-04	1.58480D-04	-1.63460D-04
8	-6.39192D-03	-3.91884D-03	-9.23314D-03	1.38999D-04	-8.09007D-05	-1.63010D-04
9	1.46922D-03	-8.33539D-04	-1.48042D-03	1.07278D-04	-6.94553D-05	-2.54164D-05
10	2.33299D-03	-3.77671D-08	-6.66554D-04	8.53188D-05	-6.23372D-05	-4.41207D-05
11	3.88309D-03	-8.47982D-04	9.82830D-04	1.22590D-05	9.66780D-05	-1.54595D-04
12	-5.96586D-03	-1.05931D-07	9.34424D-04	8.91044D-07	1.49786D-04	-9.23189D-05
13	-8.45618D-03	2.85132D-04	2.52599D-03	-3.45451D-05	2.56767D-05	2.48296D-06
14	-8.51009D-03	-2.92137D-03	3.40441D-03	-6.45413D-05	8.49230D-05	-6.95362D-05
15	-9.26691D-03	-1.42335D-03	3.38811D-03	7.22250D-05	-5.24030D-05	-2.00326D-05
16	-7.50306D-03	4.25754D-04	1.33622D-03	8.70628D-05	-1.06306D-04	2.17545D-05
17	-7.39232D-03	-5.87027D-03	-6.67004D-03	9.93455D-05	-2.78062D-05	6.62055D-05
18	-7.24812D-03	-7.21543D-03	-6.58372D-03	9.49942D-05	3.72002D-05	2.74424D-05
19	-6.61204D-03	-8.53311D-03	-5.97653D-03	9.65804D-05	5.39490D-05	1.49666D-06
20	-6.20388D-03	-8.74280D-03	-5.06749D-03	8.47046D-05	5.82892D-05	-4.99788D-05
21	-6.09216D-03	-3.82846D-03	-2.25451D-03	6.97145D-05	3.66208D-05	-1.24692D-04
22	-3.02136D-03	-3.03518D-04	-8.10936D-04	3.93887D-05	-6.75323D-06	-1.28219D-04
23	-3.66374D-10	-5.70896D-11	-5.81063D-11	4.69894D-09	-3.47842D-09	-1.68424D-08
25	7.75237D-03	1.70892D-02	3.97050D-03	3.98048D-04	-2.58939D-04	3.28672D-04
26	1.02650D-02	4.23075D-02	4.01937D-02	1.71786D-03	-1.00682D-03	4.17977D-04
27	5.40805D-03	4.22620D-02	5.95184D-02	1.65752D-03	-1.10144D-03	3.94657D-04
28	6.89187D-03	3.15094D-02	9.51879D-02	-4.11431D-05	-3.79911D-04	-1.01842D-03
29	6.81836D-03	1.97231D-02	9.95301D-02	-2.94330D-04	-3.32543D-04	-1.04882D-03
30	3.87022D-03	-9.83938D-02	-5.37680D-02	1.27099D-04	1.66776D-04	-8.56563D-04
31	3.07407D-03	-1.42275D-03	1.91902D-02	-6.97214D-04	4.10364D-04	5.54104D-04
32	-6.12247D-03	8.11940D-04	1.01207D-02	-2.00007D-04	-8.68573D-05	3.15676D-04
33	-1.58348D-03	-1.78823D-04	9.88657D-03	3.41156D-05	-1.56661D-04	8.76751D-05
34	5.40331D-03	8.85103D-03	3.15290D-03	-6.40131D-05	5.20984D-06	-2.39718D-04
35	4.78276D-03	9.10529D-03	3.34333D-03	-1.12253D-04	8.41352D-05	-2.65677D-04
36	2.81058D-03	-1.35085D-02	3.04325D-03	7.51957D-04	1.10291D-04	-3.39420D-04
37	4.95923D-03	-2.14139D-02	8.91454D-03	3.04917D-04	-1.28241D-04	-8.75516D-05
38	1.14359D-02	-2.25422D-02	1.57762D-02	2.47569D-04	-8.82826D-04	-2.24850D-04
39	7.57602D-03	-6.09897D-03	-1.07385D-03	3.97473D-04	4.16886D-04	-4.30342D-04
40	3.12449D-03	-1.91170D-03	1.34919D-03	4.55955D-04	7.21561D-04	-6.37039D-04
41	-1.38829D-03	-1.91803D-03	-2.05554D-03	5.11867D-04	7.64661D-04	-6.10595D-04
42	-1.17071D-02	4.86808D-03	-8.19262D-03	8.36763D-04	6.46624D-04	-1.95036D-04
43	-2.20702D-02	1.90049D-02	-8.24322D-03	9.02096D-04	5.59832D-04	4.94529D-05
44	-2.38529D-02	2.57400D-02	-9.11273D-03	1.02314D-03	-4.39376D-04	4.51589D-04
45	-2.37370D-02	7.41478D-03	7.45930D-02	3.03424D-03	1.70162D-04	2.94958D-04
46	-2.35813D-02	7.57164D-03	7.39840D-02	3.03940D-03	-6.50894D-04	4.93435D-04
47	7.43174D-02	-1.37975D-01	-2.14099D-01	6.52183D-03	1.52740D-03	4.86384D-03
48	6.61494D-02	-1.43249D-01	-2.01224D-01	6.32338D-03	2.14670D-03	4.88752D-03
49	-1.02536D-01	-9.44780D-02	-4.56175D-02	2.51705D-03	-3.28006D-04	4.54300D-03
50	-5.94133D-02	-5.45018D-02	-3.50471D-02	5.80984D-04	-2.80263D-03	4.04115D-03
51	-4.78910D-02	-3.42215D-02	-2.20541D-02	5.01217D-04	-2.76668D-03	4.00285D-03

52	-5.97256D-04	-8.68941D-06	-3.03497D-04	-1.06160D-05	-1.76094D-04	1.21512D-04
53	-5.58443D-10	-7.25338D-11	-4.45019D-10	-2.08592D-09	-1.52608D-08	1.48061D-08
54	-3.35626D-02	2.94897D-02	-2.52947D-02	1.37419D-02	3.62483D-04	5.24826D-03
55	-6.16182D-02	6.74173D-01	-3.59888D-02	2.02561D-02	1.24030D-03	5.60899D-03
56	-6.77523D-02	8.83119D-01	-3.50539D-02	2.09854D-02	1.40219D-03	5.97378D-03
57	-7.66077D-02	-2.71110D-02	-1.44350D-02	1.11537D-02	-4.53416D-03	8.73779D-03
58	-2.36420D-03	-7.23701D-02	-1.22982D-01	7.90940D-03	-3.33286D-04	5.74540D-03
59	8.25085D-02	-7.79274D-02	-2.43382D-01	6.93689D-03	1.10238D-03	4.84650D-03
60	1.02007D-03	-8.35663D-04	1.23942D-03	1.21037D-04	-6.53964D-05	4.57825D-05
61	-9.39266D-04	6.25501D-04	2.55613D-03	-3.46520D-05	-2.01287D-05	1.77206D-04
62	3.61009D-03	-4.07018D-04	4.42281D-03	-9.75123D-05	-7.01383D-05	1.04529D-04
63	3.85064D-03	-5.48115D-04	4.30614D-03	-1.20867D-04	7.72035D-05	1.63653D-05
64	3.87145D-03	-9.35690D-04	-3.34963D-03	-7.74706D-05	1.05107D-04	-1.08031D-05
65	3.53964D-03	-8.45507D-04	-5.02619D-03	-2.17310D-06	3.42173D-05	4.63079D-05
66	2.00173D-03	-8.48733D-04	-4.88564D-03	8.94301D-06	1.64465D-05	5.40175D-05
67	1.30426D-03	-1.38121D-04	-4.49093D-03	3.04051D-05	-3.39538D-05	4.02521D-05
68	5.59193D-03	3.42658D-03	-1.83850D-03	-3.68870D-05	1.91618D-05	2.73690D-06
69	5.16866D-03	2.93416D-03	-1.91888D-03	-8.53394D-05	8.03393D-05	-1.33867D-05
70	2.02064D-03	-7.60771D-04	-1.87315D-03	-8.77324D-05	4.30192D-05	-3.50130D-05
71	1.79644D-03	-1.73368D-03	-1.46337D-03	-1.01773D-04	-3.39060D-05	-3.77431D-05
72	1.49489D-03	-1.89746D-03	-2.32258D-04	-3.63648D-05	-2.02433D-05	-1.03109D-05
73	6.62286D-04	-1.93810D-03	-1.48314D-03	2.80904D-05	-1.58323D-05	-9.09287D-06
74	5.30555D-04	-1.85190D-03	-1.47610D-03	3.33025D-06	-2.20452D-05	2.37905D-05
76	1.97931D-03	1.69849D-04	-5.20446D-04	-7.39979D-05	4.11213D-05	-1.78359D-05
77	1.94303D-03	3.94248D-04	5.16424D-04	-6.45438D-05	3.80618D-05	1.40674D-06
78	2.64147D-04	-7.63477D-04	1.13424D-04	-3.83625D-05	3.10622D-05	8.12857D-05
79	-1.07988D-03	-7.11059D-04	-7.54715D-04	3.41659D-05	-3.49583D-05	-3.98549D-05
80	-6.76252D-05	-7.98502D-05	-3.51189D-06	7.45392D-06	-5.15820D-06	-7.52194D-06
82	-2.29592D-04	1.75478D-04	-2.73191D-04	1.87148D-05	1.12187D-05	-1.60475D-05
83	-3.21003D-04	1.29331D-04	-3.84224D-04	6.90200D-06	2.24708D-06	-9.75861D-06
84	-3.28582D-04	1.86346D-05	-4.06041D-04	-3.25195D-07	8.58491D-07	-5.29770D-06
85	-3.19951D-04	4.89819D-06	-3.81037D-04	-7.01877D-06	-2.77008D-06	5.44884D-06
86	-5.69795D-06	4.27554D-06	-4.15305D-07	-3.77568D-06	-1.35655D-07	2.50234D-06
87	-5.47252D-06	1.69868D-05	4.25882D-07	-8.91021D-07	1.78017D-07	-8.09296D-08
88	-4.01718D-06	1.41774D-05	-5.01459D-08	9.63563D-07	3.11416D-07	-4.12007D-07
90	-5.61615D-06	-1.06592D-05	1.46264D-07	-1.22743D-06	-8.76042D-08	1.85572D-07
91	-4.38215D-06	-1.01130D-05	-1.27305D-07	6.43653D-07	-3.27274D-07	-2.57173D-07
93	6.93554D-05	-8.53557D-04	-3.63719D-05	-4.64232D-05	7.41051D-08	-1.29813D-05
94	-2.88000D-04	-3.52060D-03	3.32625D-05	-6.87619D-05	2.20509D-05	-4.43961D-05
95	1.78265D-03	-3.42621D-03	5.99557D-03	3.79172D-04	1.84344D-04	-9.49808D-05
96	2.14797D-03	-8.42792D-03	3.40635D-03	6.78600D-04	1.41059D-04	-2.80871D-04
97	-2.23939D-04	-9.59424D-04	2.26364D-03	3.91902D-04	1.90547D-04	-1.00632D-04
98	-1.01999D-03	-2.28953D-07	7.83446D-04	3.73057D-04	1.89297D-04	-1.11273D-04
99	-2.85635D-03	-3.92179D-03	-5.73018D-03	1.31553D-04	-1.08916D-04	-1.05232D-04
100	-9.51911D-04	-3.08247D-03	-3.84154D-03	1.26472D-04	-9.03780D-05	-6.95994D-05
101	9.03620D-04	-1.48014D-03	-2.03137D-03	1.13911D-04	-7.44544D-05	-3.51277D-05
102	2.00814D-03	-2.62257D-04	-9.72184D-04	9.43778D-05	-6.51081D-05	-3.63272D-05
103	1.45951D-03	-8.34595D-04	-2.67936D-04	1.18765D-04	-6.75873D-05	1.29196D-05
104	2.98591D-03	-7.46681D-04	9.71013D-04	1.42507D-05	1.25085D-04	-1.60607D-04
105	1.91236D-04	-4.36150D-04	9.63246D-04	1.60065D-05	1.43255D-04	-1.64032D-04
106	5.02700D-03	-8.45500D-04	1.17337D-03	1.97184D-05	1.42943D-04	-1.80097D-04
107	-3.07696D-03	-1.30805D-04	9.49680D-04	1.11794D-05	1.54968D-04	-1.34780D-04
108	-8.46903D-03	2.05164D-04	2.63956D-03	-3.57667D-05	1.27466D-05	1.18602D-05
109	-8.11177D-03	2.96197D-04	2.62067D-03	1.76925D-05	-1.05595D-04	-6.89736D-05
110	-7.71921D-03	3.79648D-04	2.61253D-03	8.25613D-06	-1.49372D-04	-1.03617D-04
111	-6.84752D-03	3.71211D-04	2.59958D-03	-4.63443D-05	-2.09364D-04	-1.58468D-04
112	-5.48431D-03	-4.99552D-05	2.58934D-03	-1.16944D-04	-2.39305D-04	-1.93807D-04
113	1.23600D-03	-3.17564D-04	-9.16261D-03	-5.57207D-04	-2.69581D-04	-2.52137D-04
114	-4.01271D-03	-4.28010D-04	2.58962D-03	-3.28433D-05	-2.48764D-04	-1.95563D-04
115	-3.34830D-03	-4.13370D-04	2.58980D-03	1.39947D-05	-2.54225D-04	-1.97070D-04

116	-2.47667D-03	-2.49239D-04	2.59001D-03	5.15724D-05	-2.58759D-04	-1.99006D-04
117	-1.59335D-03	-3.05273D-08	2.59010D-03	6.43723D-05	-2.60486D-04	-1.99006D-04
118	-3.05868D-03	-2.49268D-04	2.48329D-03	3.17437D-05	-2.46291D-04	-2.40279D-04
119	3.93126D-04	4.91150D-04	2.59018D-03	6.44233D-05	-2.60526D-04	-1.99006D-04
120	-4.51490D-03	-2.49325D-04	2.39209D-03	6.62971D-06	-2.20762D-04	-2.92103D-04
121	-5.11238D-03	-2.35221D-04	2.37059D-03	5.18899D-06	-2.18871D-04	-2.95009D-04
122	-8.48470D-03	6.50500D-08	2.66735D-03	-3.81845D-05	1.11739D-06	2.11560D-05
123	-8.51209D-03	-5.49145D-04	2.49262D-03	-4.27784D-05	-1.31651D-05	3.28457D-05
124	-8.56734D-03	-2.49909D-03	1.63139D-03	-5.43840D-05	-6.17721D-06	4.05269D-05
125	-8.57632D-03	-2.90475D-03	1.58408D-03	-5.68019D-05	3.51551D-06	3.84472D-05
126	-8.58979D-03	-3.68532D-03	1.78004D-03	-5.98000D-05	2.14580D-05	3.41643D-05
127	-1.04805D-02	-3.84477D-03	1.68693D-04	-6.02909D-05	2.42382D-05	6.72180D-05
128	-8.55168D-03	-3.76490D-03	2.38962D-03	-6.17998D-05	4.35190D-05	-1.64602D-05
129	-8.53729D-03	-3.57230D-03	2.66887D-03	-6.27674D-05	5.69617D-05	-3.69046D-05
130	-7.15933D-03	-2.00458D-03	3.39698D-03	-9.44475D-05	1.29719D-04	-1.15000D-04
131	-9.32368D-03	-3.44384D-03	3.40329D-03	-3.52180D-05	6.16602D-05	-6.23712D-05
132	-7.48974D-03	-1.93961D-07	-3.02760D-04	8.90375D-05	-1.06923D-04	4.25307D-05
133	-6.17428D-03	-7.79613D-03	-4.17969D-03	8.04805D-05	5.57908D-05	-7.35415D-05
134	-4.34092D-03	1.82868D-07	3.38467D-03	-1.32394D-04	1.65797D-04	-1.85262D-04
135	-1.63166D-03	2.29833D-03	3.37298D-03	-1.50596D-04	1.66132D-04	-2.47259D-04
136	1.83582D-03	5.59805D-03	3.35976D-03	-1.44416D-04	1.39550D-04	-2.98510D-04
137	1.10497D-02	6.40154D-03	-3.39302D-04	-1.46688D-04	1.41559D-04	-3.34556D-04
138	4.25528D-03	8.39750D-03	3.34788D-03	-1.22649D-04	9.98642D-05	-2.76445D-04
139	4.30882D-03	-3.70535D-03	4.16220D-03	6.16431D-06	-7.11939D-05	-1.45673D-04
140	5.96030D-04	-1.77917D-07	7.75962D-03	4.34673D-05	-1.38954D-04	3.36511D-06
141	-6.66557D-04	-2.53303D-04	8.99078D-03	4.18192D-05	-1.51057D-04	5.11111D-05
142	-2.32916D-04	9.29134D-04	9.34139D-03	3.98001D-05	-2.39763D-05	1.63811D-04
143	-2.21179D-04	1.39970D-03	9.31738D-03	-2.75344D-05	1.81596D-05	1.45632D-04
144	-3.62677D-04	1.53354D-03	9.11908D-03	-2.15672D-04	6.91201D-05	3.53404D-05
145	-6.92549D-04	2.51268D-04	8.74433D-03	-4.09673D-04	8.75301D-05	-1.08506D-04
146	1.91785D-02	-9.79583D-04	-2.08078D-02	-1.40674D-03	4.55311D-05	-1.02552D-03
147	-1.12757D-03	-1.00458D-03	8.31023D-03	-2.38435D-04	1.10950D-04	6.66506D-05
148	-1.35374D-03	-1.02973D-03	8.08473D-03	-1.43636D-04	1.24210D-04	1.64810D-04
149	-1.67390D-03	-6.38778D-04	7.76531D-03	-6.83536D-05	1.34996D-04	2.44412D-04
150	-2.01245D-03	-8.88570D-08	7.42709D-03	-4.20351D-05	1.38726D-04	2.70730D-04
151	-1.01884D-03	-6.38856D-04	8.06425D-03	-1.51080D-04	1.15300D-04	2.53755D-04
152	-2.75924D-03	1.23389D-03	6.68060D-03	-4.19445D-05	1.38437D-04	2.70821D-04
153	3.81825D-04	-6.39006D-04	9.20707D-03	-2.55396D-04	7.49695D-05	2.65086D-04
154	1.29569D-03	-6.28997D-04	1.00998D-02	-2.61310D-04	7.19823D-05	2.65663D-04
155	-6.66226D-03	4.21401D-07	9.59051D-03	-2.63632D-04	-5.87333D-05	3.65790D-04
156	-5.98376D-03	-1.71884D-03	1.02953D-02	-5.43331D-04	1.51621D-04	5.78956D-04
157	-3.18974D-03	-2.29870D-03	1.31523D-02	-6.26197D-04	2.52306D-04	6.51303D-04
158	-2.21663D-02	-1.37971D-04	-4.37951D-03	-6.39982D-04	2.48969D-04	7.21190D-04
159	1.68532D-03	-1.75340D-03	1.78487D-02	-6.64440D-04	3.48573D-04	5.99227D-04
160	6.47221D-03	2.32234D-07	2.25225D-02	-7.62348D-04	5.10056D-04	4.63560D-04
161	3.20366D-02	2.40874D-02	5.25793D-02	-8.26695D-04	2.47238D-04	2.99580D-04
162	2.26249D-02	-7.78389D-07	2.93677D-02	-1.81824D-04	-7.16159D-04	1.11559D-03
163	1.82034D-02	-1.90885D-02	1.71196D-02	-3.03514D-05	-7.87302D-04	1.29231D-03
164	1.53616D-02	-3.41580D-02	8.33238D-03	4.83059D-05	-8.04081D-04	1.33695D-03
165	4.81740D-03	-1.07519D-01	-3.89648D-02	1.98418D-04	-5.66589D-04	5.84277D-04
166	9.90806D-03	-2.25272D-02	1.41193D-02	2.32377D-04	-8.74643D-04	-2.15568D-04
167	1.37198D-02	-2.24955D-02	1.80745D-02	2.57724D-04	-8.82397D-04	-2.32023D-04
168	9.93834D-03	-2.12021D-02	8.76934D-03	2.51594D-04	-8.80602D-04	-2.26371D-04
169	7.67303D-03	-1.89032D-02	-1.63076D-03	2.85585D-04	-6.07331D-04	-2.59543D-04
170	6.72527D-03	-9.89553D-03	-5.33730D-03	3.72369D-04	2.69131D-04	-3.85880D-04
171	5.51994D-03	-9.89810D-03	-6.87419D-03	5.36803D-04	2.69131D-04	-3.46822D-04
172	4.62137D-03	-9.90012D-03	-8.46153D-03	6.28886D-04	2.69131D-04	-3.25525D-04
173	2.96295D-03	-9.90111D-03	-1.17286D-02	6.40422D-04	2.69131D-04	-3.23027D-04
174	7.83928D-04	-9.90131D-03	-1.60810D-02	6.46597D-04	2.69131D-04	-3.22731D-04
175	7.10450D-03	-8.03209D-03	-3.42242D-03	3.85191D-04	3.52100D-04	-4.06842D-04

176	1.15920D-03	-1.91443D-03	-1.04766D-07	4.80371D-04	7.40033D-04	-6.29848D-04
177	-2.39299D-02	5.61593D-08	-3.30826D-02	1.56743D-03	-2.02461D-04	2.78331D-04
178	-2.39052D-02	5.77802D-03	7.45399D-08	2.31032D-03	1.13255D-03	-2.12579D-04
179	2.02430D-02	-1.86514D-08	-6.79924D-02	4.24644D-03	-3.21962D-04	1.85021D-03
180	8.71020D-03	-4.66686D-02	-2.86165D-02	6.30056D-03	-1.81231D-03	1.43064D-03
181	1.52693D-02	-4.06503D-02	-4.99349D-02	6.50331D-03	-2.45948D-03	1.26840D-03
182	8.65530D-02	-3.99175D-02	-2.58433D-01	6.97356D-03	8.25901D-04	4.59126D-03
183	8.48998D-02	-5.66056D-02	-2.52202D-01	6.95960D-03	9.64169D-04	4.69804D-03
184	4.45491D-02	-7.76959D-02	-1.88980D-01	7.46232D-03	4.33072D-04	5.26841D-03
185	7.96934D-02	-1.00899D-01	-2.33204D-01	6.76560D-03	1.30510D-03	4.88643D-03
186	-5.95844D-02	-5.19564D-02	-8.55244D-02	4.71742D-03	1.65037D-03	4.53671D-03
187	-7.15408D-02	-4.72565D-02	-7.42646D-02	4.41954D-03	1.41887D-03	4.56502D-03
188	-8.13168D-02	-4.53926D-02	-6.55185D-02	4.10435D-03	1.19483D-03	4.62323D-03
189	-5.36459D-02	-4.44221D-02	-2.86166D-02	5.41825D-04	-2.79150D-03	4.02250D-03
190	4.86400D-03	-1.01623D-06	-4.24385D-08	-6.17169D-06	9.05807D-04	-6.96769D-04
191	6.64550D-03	1.99939D-06	1.05140D-01	-2.66565D-04	-1.45699D-04	-7.98505D-04
192	6.71010D-03	6.78020D-03	1.03485D-01	-2.76878D-04	-2.35132D-04	-9.41554D-04
193	1.90235D-02	2.05096D-02	8.34622D-02	-2.75212D-03	-2.77410D-04	-1.42053D-03
194	4.29601D-03	1.00682D-02	2.47795D-03	2.81068D-04	-1.82586D-04	2.54733D-04
195	3.26751D-04	1.33239D-03	6.09539D-04	8.17215D-05	-4.87010D-05	9.87788D-05
196	2.44327D-03	2.93485D-02	-1.18953D-01	1.30930D-02	3.55520D-04	5.06299D-03
197	-8.68763D-02	3.50662D-02	1.13001D-01	1.38055D-02	3.63527D-04	5.29682D-03
198	-3.62724D-02	1.53970D-01	-2.62794D-02	1.43583D-02	3.86601D-04	5.35455D-03
199	-7.19440D-02	8.86063D-01	-2.19962D-02	2.04245D-02	2.53668D-03	6.47077D-03
200	-9.36747D-02	8.63779D-01	4.78714D-02	1.89585D-02	5.00211D-03	8.58980D-03
201	-6.17582D-02	8.63883D-01	-1.42261D-02	1.86740D-02	5.11955D-03	1.01399D-02
202	-4.03055D-02	8.63944D-01	-5.26815D-02	1.87005D-02	5.19270D-03	1.02786D-02
203	-7.54714D-03	8.51637D-01	-1.07803D-01	1.92898D-02	5.47722D-03	8.48371D-03
204	-2.03485D-02	8.27888D-01	-6.51973D-02	1.84623D-02	6.05154D-03	1.09306D-02
205	-3.24408D-02	7.86087D-01	-2.49511D-02	1.83652D-02	6.21572D-03	1.10236D-02
206	-1.24564D-01	7.85654D-01	1.47605D-01	1.72914D-02	5.70919D-03	1.12750D-02
207	-1.76846D-01	5.00566D-01	3.16591D-01	1.52445D-02	2.26835D-03	1.21165D-02
208	-8.37699D-02	-6.20112D-07	9.05377D-03	1.14243D-02	-4.74708D-03	8.64695D-03
209	-5.05763D-04	1.07310D-03	2.76026D-03	-6.39963D-05	-4.31262D-05	1.99193D-04
210	-1.40520D-04	1.20137D-03	2.91121D-03	-6.67838D-05	-4.69092D-05	2.01472D-04
211	-4.64157D-03	1.37842D-03	1.56151D-03	-6.44861D-05	-4.70858D-05	2.08449D-04
212	2.75193D-04	1.29091D-03	3.07918D-03	-7.05006D-05	-5.05541D-05	1.96796D-04
213	3.05619D-03	1.60130D-08	4.19981D-03	-1.00273D-04	-7.50776D-05	1.16442D-04
214	1.39385D-03	5.05359D-09	-4.43773D-03	3.03553D-05	-3.53206D-05	4.02475D-05
215	2.59436D-03	1.11355D-04	-1.88433D-03	-9.13534D-05	6.40796D-05	-2.98743D-05
216	2.00804D-03	-4.10470D-04	-1.44539D-03	-8.34403D-05	4.25317D-05	-3.13970D-05
217	2.02313D-03	-1.16398D-03	-2.18677D-03	-8.81390D-05	3.09460D-05	-3.85335D-05
218	1.44116D-03	-1.90074D-03	-5.49737D-08	-2.95908D-05	-1.99745D-05	-9.26195D-06
219	9.17530D-04	-1.93508D-03	-6.67402D-04	2.80513D-05	-1.63916D-05	-8.15419D-06
220	9.01189D-04	-1.93525D-03	-7.24217D-04	2.81177D-05	-1.63691D-05	-8.21611D-06
221	9.02444D-04	-1.97508D-03	-6.42952D-04	2.81171D-05	-1.63618D-05	-8.23969D-06
222	8.84581D-04	-1.93535D-03	-7.81041D-04	2.81731D-05	-1.63536D-05	-8.25971D-06
223	7.38799D-04	-1.93799D-03	-1.25351D-03	2.85297D-05	-1.58609D-05	-9.21163D-06
224	7.20173D-04	-1.93807D-03	-1.31100D-03	2.84973D-05	-1.58455D-05	-9.22721D-06
225	7.21030D-04	-1.98332D-03	-1.23298D-03	2.84971D-05	-1.58308D-05	-9.25101D-06
226	7.01410D-04	-1.93807D-03	-1.36821D-03	2.84582D-05	-1.58440D-05	-9.22045D-06
227	2.83407D-04	-1.05090D-03	-7.83195D-04	-9.93132D-07	-2.02489D-05	2.46934D-05
228	1.99000D-03	-1.05418D-08	-8.56102D-04	-7.74581D-05	4.17258D-05	-2.34994D-05
229	1.87699D-03	1.70216D-04	-8.77434D-05	-6.22247D-05	3.95618D-05	-1.58641D-05
230	1.81642D-03	1.70442D-04	1.46216D-04	-5.51583D-05	3.85833D-05	-1.56808D-05
231	6.26943D-08	-7.63302D-04	-1.75132D-09	-3.76385D-05	3.03013D-05	7.92335D-05
232	-1.42980D-03	-7.13181D-04	-1.04532D-03	3.28466D-05	-3.37469D-05	-3.96712D-05
233	-1.34955D-03	-7.13008D-04	-9.78966D-04	3.30023D-05	-3.38742D-05	-3.97341D-05
234	-1.54462D-03	-8.82745D-04	-9.96154D-04	3.30136D-05	-3.38936D-05	-3.97345D-05
235	-1.26892D-03	-7.12806D-04	-9.12148D-04	3.31382D-05	-3.39830D-05	-3.97779D-05

236	-8.20751D-11	1.75409D-04	3.27891D-10	2.02938D-05	1.22553D-05	-1.65521D-05
237	-1.65916D-05	1.75444D-04	-2.01623D-05	1.99585D-05	1.20107D-05	-1.65159D-05
238	-1.15594D-04	1.75504D-04	-1.38645D-04	1.95120D-05	1.16951D-05	-1.64474D-05
239	-1.15627D-04	2.79871D-04	-6.51380D-05	1.95120D-05	1.16760D-05	-1.65304D-05
240	-2.13503D-04	1.75488D-04	-2.54324D-04	1.90598D-05	1.14267D-05	-1.62153D-05
241	-1.96009D-05	4.32947D-06	-1.95769D-05	-5.17993D-06	-3.62051D-07	3.89843D-06
242	-5.64201D-06	1.19433D-05	3.43788D-07	-2.72205D-06	-1.34556D-07	1.88952D-06
243	-5.63305D-06	-3.92185D-06	-2.21299D-07	-2.86395D-06	-7.32002D-09	1.99402D-06
244	-3.63892D-06	1.28944D-05	-4.17327D-08	9.94232D-07	3.02630D-07	-3.38066D-07
245	-1.79785D-06	6.55721D-06	-2.76041D-08	9.18448D-07	2.64273D-07	-2.42668D-07
246	-2.69922D-07	6.55903D-06	5.77400D-06	9.20153D-07	2.64273D-07	-2.42571D-07
247	-3.25616D-07	1.27227D-06	-1.50050D-08	6.39877D-07	1.79493D-07	-1.47509D-07
248	-3.97427D-06	-9.21322D-06	-1.06911D-07	6.85427D-07	-3.23299D-07	-2.10729D-07
249	-1.98111D-06	-4.74320D-06	-7.26616D-08	6.50104D-07	-2.86838D-07	-1.50807D-07
250	-1.03388D-06	-4.74453D-06	4.03391D-06	6.51314D-07	-2.86838D-07	-1.50490D-07
251	-3.66957D-07	-9.46890D-07	-3.94972D-08	4.58219D-07	-1.96366D-07	-9.16706D-08
252	-4.07443D-02	3.22573D-01	-2.83625D-02	1.74916D-02	8.48085D-04	5.74835D-03

M O D A L A N A L Y S I S

MODE NUMBER 37
FREQUENCY= 27.1235 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	1.74009D-02	-3.85038D-02	-5.38710D-03	-6.11643D-04	1.11001D-04	-7.42771D-04
3	1.40349D-02	-3.72855D-02	3.23629D-03	1.11423D-03	1.67965D-03	-9.15594D-04
4	3.16669D-02	-3.72878D-02	2.42134D-02	1.31604D-03	2.03551D-03	-1.02310D-03
5	4.38310D-02	-3.73489D-02	4.33586D-02	2.76967D-03	2.00180D-03	-1.28541D-03
6	2.26913D-02	-1.99633D-02	9.31663D-03	3.78482D-03	2.47688D-03	-1.05838D-03
7	-3.38396D-02	1.06956D-03	-9.51211D-02	2.36406D-03	1.72964D-03	-1.68522D-03
8	-3.24475D-02	-7.90412D-02	-1.08654D-01	6.45584D-04	-1.47919D-03	-7.88428D-04
9	1.01492D-01	-1.17434D-02	2.62915D-02	-2.46928D-04	-7.38755D-04	1.12354D-03
10	1.08218D-01	-7.44893D-07	3.33339D-02	-3.52422D-04	-2.41687D-04	1.13169D-03
11	7.91495D-03	-2.67663D-03	2.24401D-03	-1.61663D-04	4.94709D-04	1.55740D-03
12	9.71816D-03	1.53542D-06	2.45951D-03	2.31872D-04	-3.10650D-04	9.52487D-04
13	1.66894D-02	8.36088D-04	-2.45038D-03	5.02225D-04	-9.74896D-05	1.44125D-04
14	1.76364D-02	5.14974D-03	-5.60389D-03	1.33557D-04	-1.57108D-04	-6.59805D-05
15	2.36880D-02	-3.03389D-03	-5.53717D-03	-2.49458D-04	3.43965D-05	-1.77049D-04
16	2.10603D-02	-4.36561D-03	-1.73260D-03	-2.81672D-04	2.33014D-04	-2.75145D-04
17	2.08649D-02	2.86896D-02	1.90071D-02	-2.99482D-04	9.86557D-05	-2.62209D-04
18	2.07123D-02	3.30257D-02	1.92601D-02	-2.72346D-04	-6.33922D-05	-6.70193D-05
19	1.94739D-02	3.64055D-02	1.80839D-02	-2.83294D-04	-1.10853D-04	5.09290D-05
20	1.85718D-02	3.56572D-02	1.60063D-02	-2.46705D-04	-1.44169D-04	2.62000D-04
21	1.83147D-02	1.36323D-02	8.25175D-03	-2.29400D-04	-1.12551D-04	4.93764D-04
22	8.47420D-03	1.16844D-03	3.03093D-03	-1.43187D-04	-6.10591D-06	3.88944D-04
23	8.88042D-10	3.54438D-10	2.02571D-10	-1.78186D-08	7.38632D-09	4.72476D-08
25	3.61369D-03	-5.05949D-04	1.08086D-03	-3.73019D-05	-5.90235D-05	2.87292D-05
26	4.46863D-03	-2.58473D-03	-1.93647D-03	-2.10813D-04	-4.87303D-05	2.65767D-05
27	4.16509D-03	-2.58096D-03	-4.30812D-03	-2.13626D-04	-4.93611D-05	2.94282D-05
28	3.12828D-03	-1.38485D-03	-7.35679D-03	-1.88904D-04	-9.78619D-05	5.11959D-05
29	3.12612D-03	-8.10327D-04	-6.26134D-03	-1.84738D-04	-1.03235D-04	4.77509D-05
30	2.88160D-03	4.36309D-03	-2.16665D-02	-2.64938D-04	1.55473D-04	4.63635D-05
31	6.48053D-03	-5.27060D-04	9.43459D-03	-3.15007D-04	2.52491D-04	2.54820D-04
32	-5.39214D-03	1.28308D-03	-2.39460D-03	-5.38539D-05	1.06947D-04	2.56688D-04
33	-7.50092D-03	2.55111D-03	-2.65426D-03	6.74500D-05	3.85096D-05	2.53178D-04
34	-5.27222D-03	-1.63825D-02	-4.76372D-03	1.02097D-04	-1.25544D-04	2.54825D-04
35	-2.75679D-03	-1.56096D-02	-5.68951D-03	1.96032D-04	-2.03111D-04	1.91460D-04
36	6.03884D-02	-1.38332D-01	-1.09770D-02	8.31012D-03	2.93674D-03	-3.64741D-03
37	1.23128D-01	-2.35859D-01	5.20897D-02	5.53216D-03	3.51870D-03	-2.29492D-03
38	-5.69845D-02	-2.48355D-01	-6.60129D-02	-6.98279D-03	3.98547D-03	4.92203D-03
39	-5.86872D-02	-4.58938D-01	-8.28730D-02	-8.56945D-03	-4.00059D-03	5.49360D-03
40	-3.44966D-02	-4.85938D-01	-3.44644D-02	-1.14915D-02	-3.88091D-03	6.84023D-04
41	-3.21311D-02	-4.86174D-01	4.79565D-02	-1.20663D-02	-3.83106D-03	-1.35753D-04
42	-4.77811D-02	-6.23906D-01	1.75912D-01	-1.58683D-02	-7.46403D-04	-6.88894D-03
43	-3.60294D-02	-8.83785D-01	1.76111D-01	-1.54599D-02	-6.83564D-04	-9.41357D-03
44	-3.07291D-02	-8.81516D-01	1.70915D-01	-1.00014D-02	-7.80208D-04	-1.70358D-02
45	-2.98032D-02	-3.36903D-01	8.83864D-02	1.75337D-03	8.93356D-04	5.62335D-03
46	-2.98980D-02	-3.46936D-01	8.95999D-02	2.29748D-03	-2.43176D-05	2.47194D-03
47	2.00818D-03	2.05582D-02	-5.48926D-03	-3.57154D-04	-1.41393D-05	-8.06299D-04
48	1.93254D-03	2.33525D-02	-5.39089D-03	-5.10518D-04	4.01207D-05	-5.58305D-04
49	-1.40094D-03	8.67543D-03	-2.22936D-03	-2.56004D-04	-2.33109D-05	-2.81120D-04
50	5.92691D-05	3.70381D-03	-1.93289D-03	-1.64390D-04	-8.31065D-05	-1.83592D-04
51	4.01430D-04	2.25615D-03	-1.54595D-03	-1.64074D-04	-8.09464D-05	-1.72978D-04

52	-3.15505D-06	-6.53970D-07	-1.97869D-05	-3.45291D-06	-7.14822D-06	-3.35328D-06
53	-1.55491D-11	-5.45894D-12	-2.03073D-11	-4.29610D-10	-6.19484D-10	-3.46681D-10
54	6.92886D-03	-9.44731D-04	-7.81834D-05	-1.79579D-05	-1.32521D-04	-2.15609D-04
55	1.46011D-02	-5.65740D-03	2.32461D-03	-1.40625D-04	-3.14868D-04	-1.74068D-04
56	1.61484D-02	-7.40220D-03	2.70030D-03	-2.92351D-04	2.05780D-04	-9.60270D-05
57	2.12229D-02	1.11367D-03	-1.27481D-02	-4.33243D-04	-2.61480D-04	-3.70395D-04
58	1.56334D-02	4.65960D-03	-1.05460D-02	-3.66127D-04	-9.00460D-05	-8.28382D-04
59	1.83006D-03	4.95411D-03	-4.97947D-03	-3.15984D-04	-4.19795D-05	-8.73654D-04
60	7.82136D-02	-1.17479D-02	1.04476D-02	-8.82422D-04	-4.25985D-04	1.08238D-03
61	5.46576D-02	-2.02977D-02	-1.11149D-02	-9.13279D-04	5.98184D-04	2.04955D-03
62	1.53008D-02	3.28925D-03	-2.75471D-02	-1.76051D-04	2.62401D-04	1.50722D-03
63	1.52368D-02	1.11687D-02	-2.55113D-02	-7.67139D-04	-4.55713D-04	2.09029D-04
64	1.52219D-02	5.24699D-03	1.68463D-02	-7.34155D-04	-5.76798D-04	-1.72605D-04
65	1.24403D-02	5.28488D-03	1.23275D-02	-7.94983D-04	-3.90016D-04	4.31420D-04
66	-1.72950D-03	5.19492D-03	-1.13323D-02	-7.73821D-04	-3.17288D-04	4.76374D-04
67	-4.73755D-03	4.80945D-04	-1.95418D-02	-4.69715D-04	-3.01374D-04	5.15385D-04
68	2.15235D-02	4.40197D-03	-3.842[illegible]5D-03	-5.95934D-05	5.91057D-05	1.28500D-04
69	2.00008D-02	3.79650D-03	-4.13229D-03	-1.43937D-04	2.93560D-04	7.04629D-05
70	8.48150D-03	-2.46693D-03	-4.00371D-03	-1.66419D-04	1.54064D-04	-1.00731D-04
71	7.80119D-03	-5.38230D-03	-3.76253D-03	-2.34064D-04	-8.70978D-05	-1.17672D-04
72	6.79796D-03	-5.91000D-03	-6.45311D-04	-9.90429D-05	-6.43980D-05	-4.44853D-05
73	1.84270D-03	-6.04444D-03	-3.18827D-03	6.87455D-05	-4.47211D-05	-5.37680D-05
74	1.16635D-03	-5.93558D-03	-3.17592D-03	2.00259D-06	-4.88238D-05	7.07286D-05
76	8.32036D-03	5.28404D-04	2.29972D-04	-1.50540D-04	1.13457D-04	-5.30087D-05
77	8.17749D-03	1.02974D-03	2.78681D-03	-1.41083D-04	8.63884D-05	2.00884D-05
78	1.14036D-03	-3.84794D-03	4.15474D-04	-1.37931D-04	-1.43673D-05	3.53130D-04
79	-6.87273D-03	-3.54446D-03	-3.61936D-03	1.52347D-04	-2.56928D-04	-2.03299D-04
80	-4.47119D-04	-4.22433D-04	-1.66783D-05	3.84468D-05	-3.71854D-05	-3.81434D-05
82	-1.05703D-03	5.53478D-04	-7.10638D-04	4.87045D-05	2.98587D-05	-7.34525D-05
83	-1.42773D-03	3.46652D-04	-9.96562D-04	2.09131D-05	3.66396D-06	-3.30033D-05
84	-1.43346D-03	1.16877D-05	-1.01476D-03	8.40450D-07	-2.28808D-08	-1.41980D-05
85	-1.36222D-03	4.11264D-06	-9.48609D-04	-1.66917D-05	-1.01906D-05	2.53415D-05
86	-2.39123D-05	3.59219D-06	1.37873D-06	-8.82924D-06	-4.98699D-07	1.12105D-05
87	-2.23833D-05	6.11885D-05	2.30489D-06	-7.38855D-07	1.02377D-06	1.01771D-06
88	-1.58351D-05	4.84357D-05	-1.01297D-07	3.52987D-06	1.25484D-06	-4.65300D-07
90	-2.29111D-05	-5.58682D-05	1.28048D-06	-1.02299D-06	-6.91744D-07	1.24312D-06
91	-1.71730D-05	-4.50192D-05	-3.82735D-07	3.26094D-06	-1.31334D-06	-3.34489D-07
93	5.45345D-03	-7.11156D-03	-1.69677D-03	-4.08252D-04	-2.40237D-04	-1.84568D-04
94	1.69067D-02	-2.94980D-02	-5.11127D-03	-6.31395D-04	-1.04170D-04	-5.57274D-04
95	3.57654D-02	-2.94679D-02	3.35529D-02	3.48630D-03	2.41896D-03	-9.47198D-04
96	4.50068D-02	-8.31428D-02	-2.65713D-03	7.22760D-03	2.80634D-03	-3.00932D-03
97	9.42404D-03	-8.01683D-03	-1.52070D-02	3.57121D-03	2.44245D-03	-1.02926D-03
98	-7.43564D-04	-2.68942D-06	-3.39897D-02	3.32509D-03	2.36665D-03	-1.15171D-03
99	2.58158D-02	-6.71833D-02	-4.97755D-02	5.81005D-04	-1.94013D-03	2.27347D-04
100	6.22047D-02	-4.68399D-02	-1.28769D-02	4.07848D-04	-1.68796D-03	7.28562D-04
101	9.43528D-02	-1.98361D-02	1.91607D-02	-2.74244D-05	-1.03845D-03	1.07232D-03
102	1.06388D-01	-4.40960D-03	3.13756D-02	-2.98963D-04	-4.48269D-04	1.14096D-03
103	9.07125D-02	-1.17467D-02	2.07732D-02	-6.24014D-04	-5.94810D-04	1.08014D-03
104	4.15052D-03	-3.73409D-03	2.32810D-03	-4.85902D-05	2.14520D-04	1.61667D-03
105	1.25503D-03	-4.09205D-03	2.38255D-03	2.74724D-05	1.82412D-06	1.65042D-03
106	-4.72632D-02	-3.72142D-05	3.43240D-03	3.88303D-05	8.68784D-07	1.80699D-03
107	4.17666D-03	-2.86343D-03	2.41930D-03	1.02117D-04	-1.89323D-04	1.36574D-03
108	1.67645D-02	2.79271D-04	-2.98196D-03	4.84984D-04	-5.94886D-05	9.23981D-05
109	1.62794D-02	2.18818D-03	-2.94668D-03	1.54535D-04	1.80204D-04	2.15330D-04
110	1.55852D-02	2.44768D-03	-2.93151D-03	8.20362D-05	2.69446D-04	2.68016D-04
111	1.39745D-02	2.59065D-03	-2.90743D-03	5.23102D-05	3.92496D-04	3.51434D-04
112	1.13992D-02	2.92767D-03	-2.88841D-03	1.09315D-04	4.54660D-04	4.05178D-04
113	-1.90694D-03	3.21499D-03	1.59305D-02	9.21128D-04	5.09248D-04	4.91327D-04
114	8.58398D-03	2.77954D-03	-2.88862D-03	-1.00113D-04	4.77688D-04	4.09322D-04
115	7.30230D-03	2.26571D-03	-2.88874D-03	-2.17385D-04	4.90938D-04	4.12877D-04

116	5.61232D-03	1.23986D-03	-2.88887D-03	-3.12299D-04	5.01896D-04	4.17447D-04
117	3.89426D-03	7.52902D-08	-2.88897D-03	-3.44042D-04	5.05999D-04	4.17447D-04
118	6.84880D-03	1.23992D-03	-2.05935D-03	-3.19109D-04	4.72459D-04	5.14851D-04
119	3.60397D-05	-2.62516D-03	-2.88907D-03	-3.44328D-04	5.05995D-04	4.17447D-04
120	1.00049D-02	1.24004D-03	-3.17054D-04	-3.27441D-04	4.12184D-04	6.37177D-04
121	1.14883D-02	4.00339D-04	9.73445D-04	-3.27859D-04	4.07720D-04	6.44037D-04
122	1.68576D-02	-1.58324D-06	-3.28904D-03	4.67148D-04	-2.27489D-05	6.83919D-05
123	1.70294D-02	-1.33596D-03	-3.07894D-03	4.33259D-04	2.43711D-05	5.70842D-05
124	1.74342D-02	-2.05382D-03	-9.98140D-04	3.47645D-04	1.37442D-05	-5.89089D-05
125	1.75131D-02	-1.32335D-03	-8.97667D-04	3.29809D-04	-1.23854D-05	-9.84865D-05
126	1.76388D-02	1.25464D-03	-1.48780D-03	3.07692D-04	-6.09322D-05	-1.57203D-04
127	2.42368D-02	2.01514D-03	7.44614D-03	3.32928D-04	-6.76864D-05	-2.37502D-04
128	1.76394D-02	3.85861D-03	-3.30503D-03	2.34246D-04	-1.05722D-04	-1.07451D-04
129	1.76390D-02	4.39796D-03	-4.01699D-03	1.98709D-04	-1.24836D-04	-9.00306D-05
130	1.55906D-02	3.44679D-03	-5.61672D-03	1.72446D-04	-1.93341D-04	-2.53291D-05
131	1.93637D-02	6.05649D-03	-5.59637D-03	4.80409D-05	-1.41573D-04	-8.20562D-05
132	2.10421D-02	5.77677D-07	2.01204D-03	-2.84535D-04	2.51096D-04	-3.24721D-04
133	1.85053D-02	3.08883D-02	1.37281D-02	-2.41828D-04	-1.47231D-04	3.50179D-04
134	1.18030D-02	-4.13478D-07	-5.63511D-03	2.28382D-04	-2.25117D-04	3.74957D-05
135	8.26966D-03	-3.93239D-03	-5.64989D-03	2.57905D-04	-2.34145D-04	9.29294D-05
136	3.28083D-03	-9.57080D-03	-5.66487D-03	2.47931D-04	-2.30198D-04	1.38756D-04
137	-9.36018D-04	-1.02675D-02	7.20120D-04	2.52342D-04	-2.30240D-04	1.43872D-04
138	-1.46903D-03	-1.43830D-02	-5.68297D-03	2.12439D-04	-2.14156D-04	1.74174D-04
139	-7.73213D-03	-9.46502D-03	-2.36489D-03	3.41417D-05	-4.18654D-05	3.08434D-04
140	-7.91513D-03	-5.68173D-07	-2.22776D-03	5.17295D-05	2.12064D-05	2.74566D-04
141	-7.69652D-03	1.58485D-03	-2.45388D-03	6.49273D-05	3.12361D-05	2.57342D-04
142	-7.53576D-03	2.77768D-03	-2.30132D-03	6.23618D-05	-8.21871D-05	8.26633D-05
143	-7.30855D-03	3.00362D-03	-2.07772D-03	5.59279D-05	-1.21575D-04	2.48140D-06
144	-6.79484D-03	2.96652D-03	-1.56984D-03	3.94069D-05	-1.71919D-04	-1.30833D-04
145	-6.00237D-03	2.36535D-03	-7.82034D-04	2.32194D-05	-1.93258D-04	-2.22268D-04
146	3.46531D-03	2.38875D-03	-1.06525D-03	-2.51316D-05	-2.00910D-04	-3.96659D-04
147	-5.15748D-03	1.48851D-03	6.38003D-05	1.81911D-05	-2.02770D-04	-2.29782D-04
148	-4.77328D-03	1.08528D-03	4.48502D-04	1.53032D-05	-2.08245D-04	-2.34802D-04
149	-4.26704D-03	5.48146D-04	9.55325D-04	1.28947D-05	-2.12777D-04	-2.39952D-04
150	-3.75236D-03	2.45468D-09	1.47019D-03	1.20675D-05	-2.14480D-04	-2.40779D-04
151	-4.99793D-03	5.48131D-04	9.38115D-04	1.35265D-06	-2.00286D-04	-3.09921D-04
152	-2.59597D-03	-1.23411D-03	2.62676D-03	1.19723D-05	-2.14482D-04	-2.40874D-04
153	-6.94349D-03	5.48090D-04	9.77348D-04	-1.33802D-05	-1.74710D-04	-3.98038D-04
154	-8.21256D-03	-2.05593D-04	1.34666D-03	-1.42326D-05	-1.72816D-04	-4.03006D-04
155	-4.68374D-03	4.96142D-07	-1.68807D-03	-9.44403D-05	1.16932D-04	2.56364D-04
156	-7.27650D-04	-1.84137D-03	2.25696D-03	-2.63368D-04	1.82092D-04	2.61901D-04
157	2.10533D-03	-1.59258D-03	5.14272D-03	-3.05795D-04	2.12752D-04	2.74581D-04
158	-5.39764D-03	-6.27032D-04	-3.71570D-03	-3.17984D-04	2.12421D-04	2.92342D-04
159	5.64301D-03	-7.64298D-04	8.59602D-03	-3.13528D-04	2.38864D-04	2.61369D-04
160	8.31263D-03	-1.78127D-07	1.12832D 02	-3.11894D-04	2.69889D-04	2.47509D-04
161	1.83088D-02	1.99017D-04	2.31221D-02	-2.76259D-04	4.10064D-05	2.00747D-04
162	1.12420D-02	5.10621D-08	8.11422D-03	-2.82163D-04	-3.56253D-04	7.97916D-05
163	9.04476D-03	7.15899D-04	2.24953D-03	-2.86728D-04	-3.73662D-04	5.15863D-05
164	7.65320D-03	1.34269D-03	-1.88500D-03	-2.88468D-04	-3.70372D-04	3.64282D-05
165	3.08685D-03	4.78309D-03	-2.10601D-02	-2.82531D-04	-1.78568D-04	1.30131D-05
166	-2.28080D-02	-2.48190D-01	-1.76311D-02	-6.84511D-03	3.98041D-03	4.84724D-03
167	-1.06865D-01	-2.49861D-01	-1.35508D-01	-7.06087D-03	3.98207D-03	4.98986D-03
168	-5.02044D-02	-2.75177D-01	-3.43835D-02	-7.02619D-03	3.93498D-03	4.89787D-03
169	-4.06846D-02	-3.16177D-01	8.64652D-03	-7.44825D-03	1.95415D-03	4.61106D-03
170	-4.94326D-02	-4.17883D-01	-3.75961D-02	-8.38040D-03	-3.40897D-03	4.92943D-03
171	-3.28708D-02	-4.17997D-01	-7.87799D-03	-9.44748D-03	-3.40897D-03	5.06028D-03
172	-1.91475D-02	-4.18086D-01	1.84623D 02	-1.00529D-02	-3.40897D-03	5.13949D-03
173	7.23336D-03	-4.18130D-01	7.02773D-02	-1.01311D-02	-3.40897D-03	5.15116D-03
174	4.20847D-02	-4.18139D-01	1.38929D-01	-1.01871D-02	-3.40897D-03	5.16815D-03
175	-5.38763D-02	-4.36447D-01	-5.93773D-02	-8.46648D-03	-3.77382D-03	5.25120D-03

176	-3.25224D-02	-4.86043D-01	6.19244D-07	-1.17367D-02	-3.85955D-03	3.45494D-04
177	-3.06237D-02	-7.31891D-07	1.08142D-01	-6.82005D-03	-1.74283D-03	-1.22371D-02
178	-3.03053D-02	2.03453D-01	2.52100D-07	-2.47790D-03	4.09568D-05	5.21010D-03
179	1.11285D-02	-2.92804D-07	-4.10422D-02	2.64990D-03	-9.27276D-04	-2.37001D-03
180	1.44146D-03	-4.61923D-02	-5.05668D-03	2.60064D-04	4.32015D-04	1.06582D-03
181	4.87578D-04	-5.39591D-02	-1.59502D-03	2.67311D-04	2.96548D-04	6.93693D-04
182	1.57587D-03	-6.98528D-03	-4.21732D-03	-2.79073D-04	-5.83561D-05	-9.00269D-04
183	1.70017D-03	-1.52515D-03	-4.59252D-03	-2.94868D-04	-5.15049D-05	-8.91107D-04
184	8.37110D-03	4.95774D-03	-7.49470D-03	-3.44408D-04	-6.43940D-05	-8.58580D-04
185	1.92159D-03	1.12131D-02	-5.25040D-03	-3.30783D-04	-2.94119D-05	-8.51382D-04
186	-1.06430D-03	1.36106D-02	-2.60272D-03	-4.96541D-04	3.79401D-05	-3.30913D-04
187	-1.32061D-03	1.19607D-02	-2.35538D-03	-4.68738D-04	2.94595D-05	-3.23677D-04
188	-1.50819D-03	1.06286D-02	-2.18399D-03	-4.32266D-04	2.18810D-05	-3.26083D-04
189	2.31092D-04	2.97973D-03	-1.74077D-03	-1.64189D-04	-8.22837D-05	-1.78268D-04
190	2.99791D-03	3.89813D-08	-1.67472D-07	-2.39576D-04	1.98179D-04	2.88642D-05
191	3.12139D-03	-5.93657D-08	-4.37490D-03	-1.90022D-04	-1.12432D-04	3.39192D-05
192	3.12334D-03	-2.71840D-04	-5.09606D-03	-1.88059D-04	-1.09008D-04	4.04033D-05
193	2.65703D-03	-8.21591D-04	-7.64257D-03	-1.09618D-04	-1.05559D-04	5.19612D-05
194	2.64974D-03	-1.81826D-04	7.54240D-04	-2.43175D-05	-5.63671D-05	2.50815D-05
195	6.55789D-04	5.72055D-05	1.76037D-04	-4.42730D-06	-3.49186D-05	1.28614D-05
196	5.45095D-03	-9.42879D-04	1.32778D-05	-1.00890D-05	-1.32227D-04	-2.08767D-04
197	9.21040D-03	-9.76603D-04	-2.45486D-04	-1.81214D-05	-1.32712D-04	-2.21000D-04
198	7.94693D-03	-1.64970D-03	2.37155D-04	-2.71021D-05	-1.36572D-04	-2.14421D-04
199	1.55551D-02	-7.40022D-03	4.75615D-03	-3.05672D-04	2.44284D-04	-9.26471D-05
200	1.42403D-02	-7.45972D-03	9.27265D-03	-3.28016D-04	2.55884D-04	-9.99508D-05
201	1.39779D-02	-7.45965D-03	1.05225D-02	-4.12878D-04	2.84245D-04	-6.95846D-05
202	1.38443D-02	-7.45958D-03	1.14169D-02	-4.45053D-04	3.01911D-04	-6.70885D-05
203	1.31526D-02	-7.64566D-03	1.45146D-02	-4.68834D-04	3.23228D-04	-1.19447D-04
204	1.24977D-02	-7.55839D-03	1.66698D-02	-4.68808D-04	2.32806D-04	-1.82620D-04
205	1.21221D-02	-7.36551D-03	1.78789D-02	-5.00409D-04	1.73331D-04	-1.34227D-04
206	1.30042D-02	-7.35837D-03	1.35089D-02	-3.45262D-04	2.01345D-04	-1.19436D-04
207	1.20807D-02	-6.52225D-03	1.68416D-02	-3.83473D-04	-5.23008D-05	-1.33892D-04
208	2.08148D-02	-1.55171D-09	-1.14084D-02	-4.34988D-04	-2.81890D-04	-3.45763D-04
209	4.36118D-02	-2.01179D-02	-1.59445D-02	-7.78638D-04	6.12758D-04	2.14286D-03
210	3.84750D-02	-1.93118D-02	-1.80620D-02	-7.66969D-04	6.01243D-04	2.15149D-03
211	-7.85525D-03	-1.75031D-02	-3.62538D-02	-8.23274D-04	6.03028D-04	2.16283D-03
212	3.35491D-02	-1.81279D-02	-2.00603D-02	-7.11300D-04	5.84733D-04	2.14083D-03
213	1.73417D-02	-3.73401D-07	-2.67117D-02	-1.76717D-04	3.04325D-04	1.64305D-03
214	-3.97268D-03	1.24495D-07	-1.90963D-02	-4.55107D-04	-3.00878D-04	5.12580D-04
215	1.05676D-02	-9.02148D-04	-4.03508D-03	-1.62115D-04	2.33198D-04	-6.00533D-05
216	8.43254D-03	-1.36269D-03	-2.54146D-03	-1.61457D-04	1.40489D-04	-9.68786D-05
217	8.49185D-03	-3.65117D-03	-5.20096D-03	-1.74565D-04	1.18800D-04	-1.12736D-04
218	6.55760D-03	-5.92083D-03	-1.56623D-07	-8.22657D-05	-6.32614D-05	-4.21779D-05
219	3.35644D-03	-6.03444D-03	-1.20031D-03	6.73513D-05	-4.81057D-05	-5.01436D-05
220	3.25586D-03	-6.03500D-03	-1.33688D-03	6.75617D-05	-4.80106D-05	-5.03880D-05
221	3.25276D-03	-6.29805D-03	-1.09427D-03	6.75593D-05	-4.79980D-05	-5.04667D-05
222	3.15426D-03	-6.03532D-03	-1.47363D-03	6.77439D-05	-4.79275D-05	-5.05680D-05
223	2.28770D-03	-6.04409D-03	-2.62481D-03	6.96920D-05	-4.52788D-05	-5.42606D-05
224	2.17830D-03	-6.04434D-03	-2.76544D-03	6.96333D-05	-4.51957D-05	-5.43105D-05
225	2.17348D-03	-6.32830D-03	-2.53945D-03	6.96318D-05	-4.51641D-05	-5.43901D-05
226	2.06848D-03	-6.04436D-03	-2.90546D-03	6.95551D-05	-4.51428D-05	-5.42819D-05
227	6.20356D-04	-3.40534D-03	-1.66872D-03	-9.32141D-06	-4.37202D-05	7.68224D-05
228	8.36218D-03	-6.79137D-08	-7.17334D 04	-1.54541D-04	1.22962D-04	-7.34215D-05
229	8.02080D-03	5.29950D-04	1.11087D-03	-1.25729D-04	1.09097D-04	-4.80012D-05
230	7.83689D-03	5.30908D-04	1.58258D-03	-1.10121D-04	1.06362D-04	-4.94871D-05
231	2.46040D-07	-3.84671D-03	7.18624D-09	-1.36320D-04	-1.71692D-05	3.45343D-04
232	-8.65455D-03	-3.55616D-03	-4.91046D-03	1.45247D-04	-2.52996D-04	-1.99883D-04
233	-8.24932D-03	-3.55519D-03	-4.61682D-03	1.46064D-04	-2.53465D-04	-2.00470D-04
234	-9.68302D-03	-4.30059D-03	-4.71891D-03	1.46122D-04	-2.53592D-04	-2.00473D-04
235	-7.84124D-03	-3.55408D-03	-4.32077D-03	1.46785D-04	-2.53813D-04	-2.00943D-04

236	-4.68452D-10	5.53025D-04	7.61717D-10	5.28001D-05	3.27672D-05	-7.65106D-05
237	-7.67527D-05	5.53196D-04	-5.24416D-05	5.19222D-05	3.20834D-05	-7.62044D-05
238	-5.33122D-04	5.53482D-04	-3.60644D-04	5.07588D-05	3.12011D-05	-7.56599D-05
239	-5.38276D-04	1.03300D-03	-1.64535D-04	5.07588D-05	3.11503D-05	-7.59776D-05
240	-9.83179D-04	5.53480D-04	-6.61562D-04	4.95905D-05	3.04449D-05	-7.44047D-05
241	-8.40955D-05	3.63731D-06	-4.47931D-05	-1.26295D-05	-1.33159D-06	1.66950D-05
242	-2.37025D-05	4.07144D-05	3.56495D-06	-6.10593D-06	-3.53717D-07	8.86709D-06
243	-2.36692D-05	-3.39736D-05	1.48946D-06	-6.22489D-06	-1.67592D-07	8.95467D-06
244	-1.43366D-05	4.39693D-05	-8.34688D-08	3.52617D-06	1.20741D-06	-3.80072D-07
245	-7.05316D-06	2.20455D-05	-5.35288D-08	3.16545D-06	1.04479D-06	-2.70111D-07
246	-5.36618D-06	2.20519D-05	1.99442D-05	3.17159D-06	1.04479D-06	-2.68479D-07
247	-1.26247D-06	4.13276D-06	-2.90970D-08	2.17653D-06	7.06780D-07	-1.64191D-07
248	-1.55651D-05	-4.08748D-05	-3.20805D-07	3.26659D-06	-1.28350D-06	-2.72288D-07
249	-7.72185D-06	-2.05204D-05	-2.16802D-07	2.93981D-06	-1.12758D-06	-1.92038D-07
250	-6.53002D-06	-2.05263D-05	1.83548D-05	2.94544D-06	-1.12758D-06	-1.90040D-07
251	-1.41248D-06	-3.85926D-06	-1.17849D-07	2.02380D-06	-7.68496D-07	-1.16733D-07
252	9.40679D-03	-2.78138D-03	7.02645D-04	-7.86061D-05	-2.26477D-04	-2.02826D-04

M O D A L A N A L Y S I S

MODE NUMBER 38
FREQUENCY= 28.0764 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-7.07376D-03	1.55759D-02	1.67226D-03	1.10071D-04	1.30544D-04	-2.49394D-04
3	-6.26841D-03	1.60995D-02	6.87119D-04	-2.06061D-04	1.94256D-04	-2.90271D-04
4	-8.40685D-04	1.60956D-02	-3.25377D-03	-2.04047D-04	2.26044D-04	-3.12079D-04
5	4.03421D-03	1.36232D-02	-6.63669D-03	-5.84432D-05	1.98131D-04	-4.14251D-04
6	4.65541D-03	5.14414D-03	-1.03664D-02	1.21093D-04	1.31674D-04	-3.77203D-04
7	2.46309D-03	-5.55967D-03	-1.43837D-02	4.07117D-04	2.57741D-05	-3.62283D-04
8	4.75918D-03	2.90312D-03	-1.09521D-02	8.77708D-04	1.09485D-05	-6.23110D-04
9	-1.13574D-02	7.07911D-03	-2.65905D-02	1.03290D-03	4.00502D-04	-1.19217D-03
10	-1.71723D-02	-2.21212D-07	-3.28508D-02	5.36338D-04	4.20200D-04	-1.37488D-03
11	-1.15156D-02	-7.32386D-02	-4.11560D-02	6.38687D-04	-3.08493D-04	-5.87958D-04
12	2.35153D-03	-3.85671D-06	-4.12118D-02	1.05198D-03	-4.71514D-05	1.04482D-05
13	1.64943D-04	8.15206D-03	-3.67575D-02	5.25652D-04	2.95279D-04	4.29939D-04
14	1.61086D-04	-5.35807D-05	2.27968D-03	7.74392D-06	7.72852D-05	-1.44528D-04
15	-1.58021D-03	-1.05245D-03	2.27234D-03	-2.12008D-05	-1.86874D-05	-7.25333D-05
16	-7.60873D-04	-4.67447D-04	1.22880D-03	-1.98772D-05	-5.86343D-05	-3.58535D-05
17	-7.26848D-04	1.00334D-03	-3.78595D-03	4.89007D-06	-2.77990D-05	-2.10187D-07
18	-7.52607D-04	8.81530D-04	-3.95996D-03	1.05841D-05	4.85684D-06	8.41984D-06
19	-6.01380D-04	6.18222D-04	-3.81531D-03	1.28325D-05	1.64110D-05	1.10814D-05
20	-4.47712D-04	3.29741D-04	-3.41880D-03	1.51870D-05	3.25723D-05	1.40553D-05
21	-4.23041D-04	-3.30993D-04	-1.31625D-03	1.97530D-05	3.68069D-05	5.47178D-06
22	-3.47242D-04	-1.11378D-04	-3.28765D-04	1.45486D-05	1.26521D-05	-1.50565D-05
23	-7.36569D-11	1.82100D-11	-4.79350D-11	1.93570D-09	3.32779D-10	-2.39537D-09
25	3.78393D-03	-1.54890D-03	1.14712D-03	-4.58063D-05	-5.92794D-05	2.29524D-05
26	4.34123D-03	-3.36726D-03	-1.30981D-03	-1.63975D-04	-3.55469D-05	4.07910D-05
27	3.87728D-03	-3.36401D-03	-3.15037D-03	-1.65202D-04	-3.47786D-05	4.39680D-05
28	2.51307D-03	-1.84027D-03	-5.49420D-03	-1.36716D-04	-6.74813D-05	6.65605D-05
29	2.51069D-03	-1.09638D-03	-4.74206D-03	-1.31939D-04	-7.08950D-05	6.30554D-05
30	2.28017D-03	2.60124D-03	-1.49893D-02	-2.00423D-04	1.04672D-04	3.18295D-05
31	4.24583D-03	-2.96337D-04	6.21717D-03	-2.46636D-04	1.46452D-04	2.12110D-04
32	-1.04358D-03	7.34657D-04	9.73657D-04	-5.59620D-05	2.87678D-05	1.70689D-04
33	-1.75578D-03	1.23708D-03	1.01394D-03	3.99406D-05	2.94098D-05	1.39397D-04
34	-3.18041D-03	-6.97533D-03	2.54070D-03	5.17186D-05	-1.69739D-05	1.00963D-04
35	-2.65027D-03	-6.42484D-03	2.37036D-03	9.56763D-05	-4.77742D-05	6.50227D-05
36	6.76002D-03	1.78478D-03	-1.15316D-02	5.38510D-05	1.58404D-04	-2.73604D-04
37	8.48203D-03	1.34462D-03	-1.25760D-02	-3.05581D-05	2.17495D-05	4.43402D-05
38	6.99575D-04	1.48580D-03	4.83344D-03	3.75514D-04	-2.46934D-04	-1.02072D-04
39	5.92931D-04	9.55643D-03	4.44250D-03	4.16685D-04	2.04727D-04	-2.50791D-04
40	2.13916D-04	1.02217D-02	1.79635D-03	5.98873D-04	1.59491D-04	4.53568D-05
41	6.35512D-04	1.02305D-02	-2.49873D-03	6.28164D-04	1.48369D-04	7.38514D-05
42	1.83052D-03	1.73551D-02	-9.12646D-03	8.26595D-04	4.42245D-06	3.08379D-04
43	1.85548D-03	3.09378D-02	-9.13755D-03	8.11628D-04	-3.73288D-06	3.83891D-04
44	1.89601D-03	3.27695D-02	-9.11935D-03	6.01593D-04	2.50707D-05	6.40427D-04
45	1.87367D-03	1.23002D-02	-5.70394D-03	9.32075D-06	-5.46997D-05	-2.07736D-04
46	1.87908D-03	1.26906D-02	-5.77410D-03	-1.38834D-05	4.66795D-06	-8.42306D-05
47	-9.83605D-04	2.41132D-03	2.84875D-03	-1.07284D-04	-1.39064D-05	-7.08370D-05
48	-8.92513D-04	2.45528D-03	2.70852D-03	-1.01719D-04	-2.65737D-05	-7.49184D-05
49	1.43156D-03	1.62543D-03	5.73015D-04	-4.07733D-05	3.48796D-06	-7.27707D-05
50	8.62486D-04	9.20327D-04	4.29890D-04	-1.42796D-05	3.75401D-05	-6.38203D-05
51	7.08089D-04	5.79424D-04	2.55873D-04	-1.31604D-05	3.70932D-05	-6.30657D-05

52	8.72043D-06	1.93248D-07	3.57758D-06	-1.34317D-08	2.32354D-06	-1.89473D-06
53	7.77356D-12	1.61311D-12	5.68281D-12	9.85114D-12	2.01364D-10	-2.29002D-10
54	8.85376D-04	-1.31256D-03	-5.13166D-05	-1.39941D-04	-8.43813D-06	-7.81065D-05
55	1.32980D-03	-9.12178D-03	1.26868D-04	-2.64166D-04	-1.54706D-05	-6.81877D-05
56	1.20767D-03	-1.21796D-02	2.93420D-04	-3.07849D-04	9.20297D-06	-5.11005D-05
57	1.52749D-03	5.95257D-04	-5.87573D-04	-1.62685D-04	6.33731D-05	-1.65935D-04
58	2.22628D-04	1.53790D-03	1.09364D-03	-1.29630D-04	1.14791D-05	-9.06264D-05
59	-1.04819D-03	1.63368D-03	3.09073D-03	-1.15309D-04	-7.61124D-06	-6.84736D-05
60	8.48729D-03	7.26201D-03	1.39140D-02	2.08065D-03	2.96669D-04	-7.52037D-04
61	5.91712D-03	3.58940D-02	5.00296D-02	9.03295D-04	6.01691D-04	-4.73473D-04
62	-5.03856D-02	-1.26648D-02	2.84540D-02	-1.89871D-03	5.93972D-04	2.58096D-04
63	-5.05760D-02	-2.84661D-02	3.36218D-02	-2.57643D-03	-1.07773D-03	8.44627D-04
64	-5.06954D-02	5.21517D-02	1.36647D-01	-4.62962D-03	-1.54999D-03	9.66095D-04
65	-4.68324D-02	5.60462D-02	7.84000D-02	-5.99242D-03	-1.37364D-03	-8.85090D-04
66	-1.72523D-02	5.59912D-02	-1.04492D-01	-5.94844D-03	-1.82552D-03	-1.00024D-03
67	3.12558D-02	4.95465D-03	-1.54622D-01	-1.84641D-03	-3.42082D-03	-1.44247D-04
68	3.64241D-01	-2.73243D-02	4.00460D-02	5.69001D-04	1.00995D-03	-3.29080D-04
69	3.40808D-01	-2.45766D-02	3.51599D-02	3.02480D-04	4.42415D-03	-4.80500D-04
70	1.64852D-01	-2.00171D-02	3.54722D-02	-2.86327D-04	2.61397D-03	-9.36520D-04
71	1.59601D-01	-4.53575D-02	-7.55530D-03	-7.23155D-04	1.18597D-03	-9.54442D-04
72	1.50187D-01	-4.98948D-02	-3.25289D-03	-5.11480D-04	1.05198D-03	-7.32263D-04
73	1.97327D-02	-5.10945D-02	3.68564D-03	2.01233D-04	4.50150D-04	-1.53841D-03
74	2.03406D-03	-5.85990D-02	-2.46795D-03	-4.61817D-04	4.81472D-05	4.08237D-04
76	4.62312D-01	1.72076D-03	9.02974D-02	-7.78117D-04	9.44369D-04	-5.95287D-06
77	1.59996D-01	-1.27452D-02	9.95949D-02	-1.19075D-03	-2.83839D-05	1.22258D-03
78	2.29492D-02	-1.11676D-01	9.82159D-03	-3.19267D-03	-3.85457D-03	7.20066D-03
79	-2.11895D-01	-1.03084D-01	-1.04036D-01	4.22382D-03	-8.51235D-03	-5.18740D-03
80	-1.43497D-02	-1.24453D-02	-4.98727D-04	1.12753D-03	-1.24360D-03	-9.99202D-04
82	-2.47630D-02	2.16095D-03	-1.70225D-02	1.17922D-03	-3.61464D-04	-1.70679D-03
83	-3.09357D-02	-1.12753D-03	-1.94795D-02	8.22413D-04	-7.03076D-04	-4.95727D-04
84	-2.67560D-02	-1.87573D-03	-7.73974D-03	4.22997D-04	-6.58515D-04	-7.59588D-05
85	-2.38377D-02	-4.36266D-04	-5.71638D-03	5.36055D-05	-6.53893D-04	4.74874D-04
86	-3.76267D-04	-3.80924D-04	2.09553D-05	-6.86987D-05	-3.19778D-05	2.02092D-04
87	-3.39678D-04	7.35342D-04	6.08152D-05	1.24120D-05	2.40286D-05	4.22322D-05
88	-2.17406D-04	5.75397D-04	5.14822D-06	4.46729D-05	1.83348D-05	1.19616D-05
90	-3.73430D-04	-1.29929D-03	-4.73175D-06	4.22771D-05	-2.77451D-06	1.86433D-05
91	-3.02916D-04	-9.38027D-04	-1.27646D-05	7.31979D-05	-2.20935D-05	-1.73921D-06
93	-8.98473D-04	2.80891D-03	1.68154D-04	1.15387D-04	5.13448D-05	-1.02214D-04
94	-4.76223D-03	1.18210D-02	1.09685D-03	1.41302D-04	1.09214D-04	-2.14055D-04
95	5.40055D-03	8.33524D-03	-8.97526D-03	7.50089D-05	1.37905D-04	-3.71775D-04
96	5.90361D-03	2.90396D-03	-1.10563D-02	7.28266D-05	1.55035D-04	-3.10031D-04
97	3.97772D-03	2.14175D-03	-1.16191D-02	1.77868D-04	1.16104D-04	-3.81240D-04
98	3.51311D-03	1.11177D-07	-1.24749D-02	2.25712D-04	1.00487D-04	-3.78248D-04
99	2.64051D-03	8.86739D-03	-1.28431D-02	9.44100D-04	1.48716D-04	-8.35720D-04
100	-1.47218D-03	9.86100D-03	-1.67861D-02	9.73592D-04	2.54965D-04	-9.80385D-04
101	-8.41555D-03	8.23865D-03	-2.36744D-02	1.01456D-03	3.61780D-04	-1.14060D-03
102	-1.48974D-02	3.77423D-03	-3.04038D-02	7.21902D-04	4.29349D-04	-1.31136D-03
103	-1.01111D-03	7.16405D-03	-1.08643D-02	1.66984D-03	3.52716D-04	-9.51473D-04
104	-8.69898D-03	-6.69108D-02	-4.12404D-02	8.91359D-04	-2.66744D-04	-4.59163D-04
105	-3.31157D-03	-4.66725D-02	-4.12912D-02	1.03794D-03	-2.15434D-04	-3.85815D-04
106	8.19228D-03	-4.79698D-02	-1.44864D-02	9.86510D-04	-2.11108D-04	-4.29223D-04
107	5.49356D-04	-2.18564D-02	-4.12584D-02	1.16066D-03	-1.49041D-04	-2.24180D-04
108	1.69026D-04	4.35267D-03	-3.41471D-02	4.84011D-04	3.06801D-04	4.19743D-04
109	-1.57093D-03	3.45967D-03	-3.39214D-02	-2.30336D-04	2.31467D-04	1.82342D-04
110	-2.22049D-03	2.35505D-03	-3.38240D-02	-1.62975D-04	2.29410D-04	8.05994D-05
111	-3.31375D-03	1.97459D-03	-3.36601D-02	4.02354D-04	2.63456D-04	-8.04937D-05
112	-4.99563D-03	5.91596D-03	-3.35465D-02	1.17660D-03	3.18892D-04	-1.84281D-04
113	2.31285D-03	1.40111D-02	9.80014D-02	6.50910D-03	6.34886D-04	-3.55307D-04
114	-6.70566D-03	8.77336D-03	-3.35504D-02	8.42755D-05	2.65830D-04	-1.89602D-04
115	-7.33969D-03	7.68463D-03	-3.35529D-02	-5.24372D-04	2.36032D-04	-1.94166D-04

116	-8.06177D-03	4.39591D-03	-3.35557D-02	-1.01298D-03	2.12027D-04	-2.00034D-04
117	-8.72648D-03	3.96321D-07	-3.35571D-02	-1.17958D-03	2.04144D-04	-2.00034D-04
118	-8.76746D-03	4.39639D-03	-3.12586D-02	-7.62595D-04	2.49896D-04	-3.25069D-04
119	-1.62911D-02	-9.00096D-03	-3.35583D-02	-1.18063D-03	2.05347D-04	-2.00034D-04
120	-1.10139D-02	4.39728D-03	-2.81631D-02	-4.44962D-04	3.27439D-04	-4.82178D-04
121	-1.37908D-02	3.29397D-03	-2.64697D-02	-4.26652D-04	3.33182D-04	-4.91003D-04
122	1.72289D-04	1.06616D-06	-3.09378D-02	4.43057D-04	3.06297D-04	3.72270D-04
123	1.78434D-04	-5.89708D-03	-2.52629D-02	3.65244D-04	2.97445D-04	2.49292D-04
124	1.93629D-04	-1.06231D-02	-1.15896D-02	1.68665D-04	2.57835D-04	-4.41454D-05
125	1.96730D-04	-9.86532D-03	-9.04393D-03	1.27711D-04	2.41536D-04	-1.00361D-04
126	2.01735D-04	-7.01871D-03	-4.17563D-03	7.69270D-05	2.12415D-04	-1.63440D-04
127	4.54952D-03	-6.91704D-03	-2.41022D-03	6.63050D-05	2.11056D-04	-1.79591D-04
128	1.81901D-04	-3.12016D-03	5.18411D-06	4.77474D-05	1.67581D-04	-1.76526D-04
129	1.74561D-04	-1.98041D-03	9.80980D-04	3.36285D-05	1.38650D-04	-1.70368D-04
130	6.80045D-04	7.56242D-05	2.29896D-03	6.71695D-06	3.31881D-05	-1.09089D-04
131	-5.79168D-04	-2.67865D-05	2.27955D-03	-3.67947D-07	5.95228D-05	-1.34108D-04
132	-7.55912D-04	1.52623D-08	3.05285D-04	-1.58954D-05	-6.11817D-05	-2.82789D-05
133	-4.40911D-04	1.04753D-04	-2.87035D-03	1.64737D-05	3.71261D-05	1.36877D-05
134	6.54075D-04	-6.88842D-07	2.32812D-03	4.48752D-05	-1.80013D-05	-5.43207D-05
135	4.59998D-05	-1.14631D-03	2.35321D-03	9.29834D-05	-4.63702D-05	-5.99546D-06
136	-1.15987D-03	-3.50340D-03	2.37991D-03	1.19251D-04	-5.45716D-05	3.39542D-05
137	-2.41386D-03	-3.82299D-03	6.11060D-03	1.41751D-04	-5.37910D-05	4.33307D-05
138	-2.33257D-03	-5.82772D-03	2.37302D-03	1.03114D-04	-5.15096D-05	5.48328D-05
139	-3.15512D-03	-4.25149D-03	2.47513D-03	2.30307D-05	1.71594D-05	1.39687D-04
140	-2.18619D-03	-3.25865D-07	1.46218D-03	3.42011D-05	3.18265D-05	1.39906D-04
141	-1.92439D-03	7.48534D-04	1.18976D-03	4.00541D-05	3.05335D-05	1.36871D-04
142	-2.00345D-03	1.42860D-03	1.10434D-03	1.78421D-05	5.54771D-06	6.76457D-05
143	-2.00262D-03	1.56747D-03	1.10238D-03	3.81418D-06	-3.05035D-06	3.34733D-05
144	-1.96781D-03	1.56208D-03	1.13271D-03	-2.38179D-05	-1.40072D-05	-2.60613D-05
145	-1.89340D-03	1.22406D-03	1.20353D-03	-4.63964D-05	-1.86534D-05	-6.91940D-05
146	1.87911D-03	1.13264D-03	-1.27801D-03	-1.12553D-04	-2.31883D-05	-1.70486D-04
147	-1.81172D-03	7.41095D-04	1.28571D-03	-4.50925D-05	-1.96944D-05	-6.81612D-05
148	-1.77443D-03	5.32947D-04	1.32330D-03	-4.45929D-05	-2.02933D-05	-6.78941D-05
149	-1.72514D-03	2.66224D-04	1.3729 D-03	-4.44882D-05	-2.07884D-05	-6.80884D-05
150	-1.67482D-03	-1.04593D-09	1.42339D-03	-4.42336D-05	-2.09731D-05	-6.78338D-05
151	-1.94440D-03	2.66211D-04	1.52107D-03	-6.61953D-05	-1.94263D-05	-9.61680D-05
152	-1.56180D-03	-6.04742D-04	1.53653D-03	-4.42836D-05	-2.09711D-05	-6.78838D-05
153	-2.57370D-03	2.66177D-04	1.96383D-03	-9.36325D-05	-1.66373D-05	-1.31608D-04
154	-3.06841D-03	-1.46980D-04	2.36730D-03	-9.51908D-05	-1.64308D-05	-1.33615D-04
155	-8.67018D-04	3.17170D-07	1.14808D-03	-8.55944D-05	3.32386D-05	1.77062D-04
156	5.22573D-04	-1.01523D-03	2.52628D-03	-2.09749D-04	8.10394D-05	2.08929D-04
157	1.84833D-03	-8.98887D-04	3.87394D-03	-2.42052D-04	1.07539D-04	2.25845D-04
158	-4.46404D-03	-1.14030D-04	-3.07569D-03	-2.52947D-04	1.07246D-04	2.41669D-04
159	3.75485D-03	-4.25985D-04	5.72958D-03	-2.46059D-04	1.32019D-04	2.17078D-04
160	5.37724D-03	-9.86113D-08	7.35147D-03	-2.44423D-04	1.67900D-04	2.05269D-04
161	1.24978D-02	4.22190D-05	1.57989D-02	-2.21470D-04	4.23415D-05	1.57974D-04
162	8.07148D-03	3.19057D-08	6.17655D-03	-2.21817D-04	-2.42406D-04	6.68693D-05
163	6.57046D-03	4.67808D-04	2.14830D-03	-2.23690D-04	-2.57155D-04	4.70017D-05
164	5.61542D-03	8.71150D-04	-7.05233D-04	-2.24045D-04	-2.56449D-04	3.61309D-05
165	2.42750D-03	3.01377D-03	-1.42343D-02	-2.15858D-04	-1.29535D-04	1.56959D-05
166	2.02030D-05	1.48376D-03	2.23210D-03	3.68786D-04	-2.44020D-04	-9.35378D-05
167	1.71702D-03	1.49537D-03	8.57548D-03	3.80879D-04	-2.46728D-04	-1.03182D-04
168	2.79821D-04	1.69803D-03	2.86218D-03	3.75464D-04	-2.45784D-04	-1.10005D-04
169	-3.19227D-04	2.51747D-03	6.79326D-05	3.78143D-04	-1.34239D-04	-1.70053D-04
170	9.74900D-05	7.55360D-03	2.09269D-03	4.03562D-04	1.76729D-04	-2.51617D-04
171	-8.38066D-04	7.55581D-03	6.63278D-04	4.54067D-04	1.76729D-04	-3.07082D-04
172	-1.71243D-03	7.55755D-03	-6.02059D-04	4.82774D-04	1.76729D-04	-3.38347D-04
173	-3.46153D-03	7.55840D-03	-3.09024D-03	4.86496D-04	1.76729D-04	-3.42325D-04
174	-5.78415D-03	7.55857D-03	-6.38726D-03	4.89257D-04	1.76729D-04	-3.44825D-04
175	3.36466D-04	8.53723D-03	3.22707D-03	4.09489D-04	1.95163D-04	-2.54190D-04

176	3.67222D-04	1.02255D-02	-3.26111D-08	6.11428D-04	1.54724D-04	5.76907D-05
177	1.89964D-03	2.52696D-08	-6.10655D-03	4.41297D-04	9.62789D-05	4.56099D-04
178	1.89299D-03	-7.94716D-03	-1.58295D-08	2.22515D-04	-8.34781D-06	-1.92097D-04
179	-7.66038D-04	1.19217D-08	2.71657D-03	-9.55360D-05	5.46390D-05	8.48138D-05
180	-1.77519D-04	2.49167D-03	5.96117D-04	-8.83473D-05	-1.71170D-06	-5.50930D-05
181	-2.01471D-04	2.67270D-03	6.58888D-04	-9.60854D-05	1.24073D-05	-3.90379D-05
182	-1.07029D-03	1.20961D-03	3.18622D-03	-1.16621D-04	-3.99348D-06	-6.16837D-05
183	-1.06259D-03	1.38830D-03	3.15056D-03	-1.16122D-04	-5.79383D-06	-6.44441D-05
184	-4.95298D-04	1.62769D-03	2.18545D-03	-1.23590D-04	1.24341D-06	-7.88693D-05
185	-1.02846D-03	1.92399D-03	3.01423D-03	-1.11974D-04	-1.03988D-05	-7.01077D-05
186	7.85362D-04	9.19520D-04	1.16813D-03	-7.48660D-05	-2.30725D-05	-7.19165D-05
187	9.53846D-04	8.44816D-04	1.01028D-03	-7.01159D-05	-2.00431D-05	-7.25660D-05
188	1.09304D-03	8.16678D-04	8.86174D-04	-6.50542D-05	-1.70831D-05	-7.37113D-05
189	7.85224D-04	7.50838D-04	3.43787D-04	-1.37334D-05	3.74074D-05	-6.34544D-05
190	2.38633D-03	3.01783D-08	-1.19733D-07	-1.78766D-04	1.36571D-04	1.11934D-05
191	2.50526D-03	-7.04770D-08	-3.44823D-03	-1.36451D-04	-7.80640D-05	4.83486D-05
192	2.50744D-03	-3.76079D-04	-3.94494D-03	-1.34775D-04	-7.52676D-05	5.55220D-05
193	1.93193D-03	-1.11439D-03	-5.61681D-03	-5.78441D-05	-6.59406D-05	6.14407D-05
194	2.80171D-03	-1.01192D-03	8.11542D-04	-3.58693D-05	-5.79707D-05	1.89634D-05
195	7.06988D-04	-1.82162D-04	1.96434D-04	-1.47709D-05	-3.72330D-05	8.56829D-06
196	3.50567D-04	-1.30956D-03	8.81899D-04	-1.28711D-04	-9.06383D-06	-7.51046D-05
197	1.68483D-03	-1.37328D-03	-1.46342D-03	-1.40888D-04	-8.46593D-06	-7.91712D-05
198	9.45914D-04	-2.66505D-03	-2.97114D-05	-1.51169D-04	-8.25653D-06	-7.91257D-05
199	1.19000D-03	-1.25545D-02	3.63826D-04	-3.01229D-04	-1.11918D-05	-5.67234D-05
200	1.40864D-03	-1.28993D-02	-3.27588D-04	-2.81183D-04	-6.00762D-05	-9.02226D-05
201	1.05175D-03	-1.29010D-02	5.98214D-04	-2.79677D-04	-6.14955D-05	-1.16216D-04
202	8.03008D-04	-1.29021D-02	1.17575D-03	-2.81494D-04	-6.23795D-05	-1.18593D-04
203	4.39112D-04	-1.28645D-02	2.07116D-03	-2.93255D-04	-6.73482D-05	-8.91927D-05
204	6.02507D-04	-1.27838D-02	1.52449D-03	-2.79945D-04	-8.17369D-05	-1.32780D-04
205	7.70827D-04	-1.23489D-02	9.61474D-04	-2.79764D-04	-8.81456D-05	-1.33447D-04
206	1.82293D-03	-1.23413D-02	-1.65759D-03	-2.56303D-04	-8.12535D-05	-1.38068D-04
207	2.65212D-03	-8.79904D-03	-4.33028D-03	-2.24521D-04	-4.35037D-05	-1.69970D-04
208	1.62712D-03	1.47902D-08	-9.14855D-04	-1.66459D-04	6.52766D-05	-1.63368D-04
209	-4.77513D-03	4.38772D-02	4.63655D-02	3.02913D-04	6.79362D-04	-4.55142D-04
210	-1.04927D-02	4.46406D-02	4.41359D-02	2.31384D-04	6.94202D-04	-4.57812D-04
211	-5.14678D-04	4.43243D-02	5.04589D-02	3.14883D-04	6.91272D-04	-4.54387D-04
212	-1.64239D-02	4.42581D-02	4.17643D-02	9.30467D-05	7.10409D-04	-4.54511D-04
213	-4.55812D-02	6.25104D-07	3.03412D-02	-1.73006D-03	6.71227D-04	8.32396D-05
214	4.02132D-02	2.30292D-07	-1.49471D-01	-1.76206D-03	-3.45403D-03	-1.24005D-04
215	1.98197D-01	-1.87315D-02	3.54057D-02	-7.05918D-05	3.67603D-03	-8.28163D-04
216	1.64087D-01	-1.00008D-02	5.84922D-02	-4.40011D-04	2.05425D-03	-7.81861D-04
217	1.65062D-01	-3.08884D-02	1.07786D-02	-3.22251D-04	2.44457D-03	-1.02678D-03
218	1.46105D-01	-4.99924D-02	-4.93893D-07	-4.58584D-04	1.01828D-03	-7.53238D-04
219	6.27379D-02	-5.10160D-02	8.90507D-03	1.41579D-04	5.68989D-04	-1.43031D-03
220	5.98644D-02	-5.10210D-02	8.61421D-03	1.43795D-04	5.66171D-04	-1.43607D-03
221	5.93798D-02	-5.88217D-02	5.50678D-03	1.43761D-04	5.66065D-04	-1.43684D-03
222	5.69685D-02	-5.10237D-02	8.31792D-0	1.45919D-04	5.63455D-04	-1.44101D-03
223	3.23325D-02	-5.10956D-02	5.33715D-03	1.94734D-04	4.76837D-04	-1.54129D-03
224	2.92264D-02	-5.10976D-02	4.93966D-03	1.95666D-04	4.74121D-04	-1.54261D-03
225	2.87298D-02	-5.94673D-02	2.31620D-03	1.95634D-04	4.74074D-04	-1.54341D-03
226	2.61131D-02	-5.10973D-02	4.53995D-03	1.96481D-04	4.71449D-04	-1.54286D-03
227	1.64405D-03	-3.53424D-02	-2.50325D-03	-4.30235D-04	-3.35120D-05	6.32635D-04
228	1.62978D-01	-7.58279D-07	8.14979D-02	-6.54216D-04	1.32949D-03	-3.45092D-04
229	1.62545D-01	1.74465D-03	9.49949D-02	-6.14133D-04	8.75636D-04	-6.78769D-05
230	1.62233D-01	1.75960D-03	9.72657D-02	-4.57867D-04	8.32509D-04	-2.03256D-04
231	3.97059D-06	-1.11647D-01	5.46108D-07	-3.17893D-03	-3.90856D-03	7.07922D-03
232	-2.57321D-01	-1.03429D-01	-1.39791D-01	4.00620D-03	-8.45263D-03	-5.03041D-03
233	-2.47094D-01	-1.03401D-01	-1.31685D-01	4.03114D-03	-8.46166D-03	-5.05303D-03
234	-2.94526D-01	-1.24101D-01	-1.34872D-01	4.03294D-03	-8.46579D-03	-5.05314D-03
235	-2.36767D-01	-1.03368D-01	-1.23505D-01	4.05319D-03	-8.46675D-03	-5.07224D-03

236	-1.19730D-08	2.14870D-03	-2.54513D-09	1.24698D-03	-3.27875D-04	-1.80558D-03
237	-1.81207D-03	2.15217D-03	-1.24842D-03	1.23446D-03	-3.38656D-04	-1.79221D-03
238	-1.25245D-02	2.15799D-03	-8.61309D-03	1.21538D-03	-3.52567D-04	-1.76998D-03
239	-1.25284D-02	1.33487D-02	-1.08667D-02	1.21538D-03	-3.56161D-04	-1.77440D-03
240	-2.30411D-02	2.15985D-03	-1.58382D-02	1.19460D-03	-3.57579D-04	-1.73461D-03
241	-1.43736D-03	-3.85723D-04	-3.73614D-04	-1.07931D-04	-8.54237D-05	2.92365D-04
242	-3.73786D-04	3.36110D-04	1.05670D-04	-4.64590D-05	-1.82073D-05	1.67666D-04
243	-3.71634D-04	-1.05083D-03	-2.72985D-05	-3.38073D-05	-1.52034D-05	1.58374D-04
244	-1.96485D-04	5.21389D-04	4.36340D-06	4.33803D-05	1.71721D-05	9.87086D-06
245	-9.53149D-05	2.57801D-04	3.04539D-06	3.79259D-05	1.44704D-05	7.17335D-06
246	-1.40927D-04	2.57881D-04	2.42702D-04	3.80061D-05	1.44704D-05	7.21996D-06
247	-1.64059D-05	4.66341D-05	1.65541D-06	2.57482D-05	9.66559D-06	4.36043D-06
248	-2.74945D-04	-8.49848D-04	-1.07180D-05	7.09207D-05	-2.20538D-05	-1.37796D-06
249	-1.37868D-04	-4.19718D-04	-7.28102D-06	6.18671D-05	-1.97654D-05	-9.11864D-07
250	-1.32518D-04	-4.19848D-04	3.83626D-04	6.19939D-05	-1.97654D-05	-8.68038D-07
251	-2.59024D-05	-7.56975D-05	-3.95780D-06	4.19593D-05	-1.36016D-05	-5.54291D-07
252	1.01963D-03	-4.64693D-03	7.07704D-06	-2.09326D-04	-1.35572D-05	-8.03380D-05

M O D A L A N A L Y S I S

MODE NUMBER 39
FREQUENCY= 28.6474 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	6.42317D-02	-5.34459D-02	-1.75910D-02	-5.69993D-04	-8.39952D-04	7.29590D-04
3	5.59432D-02	-6.42935D-02	-2.67453D-02	-3.40871D-04	-1.88241D-04	1.48748D-03
4	2.83975D-02	-6.42388D-02	-3.26160D-02	-2.79456D-04	-1.32395D-04	1.53598D-03
5	4.89883D-03	-5.52446D-02	-3.23978D-02	1.80890D-04	-2.02502D-04	1.59067D-03
6	-1.31145D-03	-2.09438D-02	-2.46410D-02	2.41054D-04	-3.05563D-04	1.13647D-03
7	6.38258D-03	1.72226D-02	-9.97349D-03	-8.80121D-05	-3.12785D-04	3.41570D-04
8	1.31798D-02	-2.21998D-02	3.01376D-03	-4.60192D-05	1.88096D-04	-4.14174D-04
9	-1.56200D-02	-5.77993D-03	-2.46721D-02	8.36092D-04	3.22329D-04	-9.29811D-05
10	-1.97288D-02	-7.49365D-07	-2.91737D-02	4.11235D-04	2.59711D-04	-3.30935D-04
11	-1.48268D-03	-5.39770D-02	-2.87658D-02	3.95647D-04	-1.43029D-04	-5.21621D-04
12	-5.10159D-03	-2.83997D-06	-2.88410D-02	8.31113D-04	2.15650D-04	-5.32441D-05
13	-1.17146D-02	7.64754D-03	-2.13823D-02	5.00127D-04	3.62977D-04	3.83578D-04
14	-1.17780D-02	-5.86140D-03	1.07102D-02	-1.64319D-05	1.80678D-04	-3.84641D-04
15	-2.42004D-02	4.86759D-03	1.06196D-02	2.39781D-04	4.07936D-05	6.61885D-05
16	-2.21767D-02	5.67895D-03	6.46608D-03	2.50211D-04	-3.03061D-04	3.40477D-04
17	-2.20532D-02	-3.87244D-02	-2.48154D-02	3.28906D-04	-2.03034D-04	3.56885D-04
18	-2.23939D-02	-4.41730D-02	-2.63549D-02	3.02690D-04	1.89822D-06	9.13027D-05
19	-2.17596D-02	-4.80134D-02	-2.57747D-02	3.27148D-04	7.38753D-05	-7.06053D-05
20	-2.09675D-02	-4.66777D-02	-2.37749D-02	2.91657D-04	1.66408D-04	-3.51721D-04
21	-2.07218D-02	-1.75208D-02	-1.29524D-02	3.10387D-04	1.82467D-04	-6.35433D-04
22	-9.29061D-03	-1.77508D-03	-4.612 9D-03	2.12440D-04	5.14437D-05	-4.53254D-04
23	-9.00708D-10	-5.41862D-10	-3.49469D-10	2.73368D-08	-4.75627D-09	-5.25697D-08
25	7.37252D-02	-3.33680D-02	2.26610D-02	-8.67564D-04	-1.15712D-03	4.61511D-04
26	8.21192D-02	-6.25999D-02	-1.54372D-02	-2.57856D-03	-7.22277D-04	9.47996D-04
27	7.13323D-02	-6.25471D-02	-4.43448D-02	-2.60014D-03	-7.13086D-04	1.00707D-03
28	4.31979D-02	-3.28902D-02	-7.92470D-02	-2.25369D-03	-1.15854D-03	1.20710D-03
29	4.31402D-02	-1.94791D-02	-6.63482D-02	-2.19261D-03	-1.20667D-03	1.13299D-03
30	3.85739D-02	2.23685D-02	-2.49515D-0	-3.00276D-03	1.66718D-03	3.69711D-04
31	5.71935D-02	-1.44462D-03	9.52435D-02	-3.48886D-03	2.40580D-03	3.32266D-03
32	-1.72314D-02	4.06483D-03	2.13680D-02	-1.11296D-03	7.27833D-05	1.70076D-03
33	-1.18856D-02	7.85316D-05	2.07150D-02	2.58425D-04	-1.99305D-04	6.03286D-04
34	-4.73377D-04	2.40348D-02	1.08108D-02	-1.68742D-04	-1.08834D-04	-7.28318D-04
35	1.26222D-03	2.53553D-02	1.02217D-02	-3.10680D-04	-6.19493D-05	-8.75149D-04
36	-5.59590D-03	-2.31358D-02	-2.23763D-02	7.24674D-04	-3.23196D-04	6.92370D-04
37	-1.17901D-02	-2.81473D-02	-1.4402 D-02	4.32018D-04	-1.71992D-04	3.54120D-04
38	-8.88315D-03	-2.96166D-02	6.27270D-03	2.95936D-04	-2.30853D-04	-5.19443D-04
39	-7.40034D-03	1.29697D-02	1.21237D-02	7.67553D-04	3.43056D-04	-7.01268D-04
40	-6.18703D-03	1.35355D-02	4.40767D-03	1.45549D-03	1.32692D-04	4.35032D-04
41	-2.89389D-03	1.35559D-02	-6.07795D-03	1.52704D-03	1.13434D-04	4.79047D-04
42	3.02165D-03	3.06806D-02	-2.20856D-02	1.97308D-03	-9.27325D-05	7.98969D-04
43	4.67803D-03	6.30267D-02	-2.21134D-02	1.92303D-03	-9.99950D-05	8.95017D-04
44	5.36990D-03	6.80352D-02	-2.24945D-02	1.41531D-03	3.90625D-05	1.35279D-03
45	5.28464D-03	2.63212D-02	-1.60035D-02	-5.26808D-04	-1.34819D-04	-5.14562D-04
46	5.28929D-03	2.71485D-02	-1.61374D-02	-5.84037D-04	4.19872D-05	-2.67688D-04
47	-8.67985D-03	5.09073D-02	2.60422D-02	-1.68426D-03	-1.52238D-04	-1.55076D-03
48	-7.79132D-03	5.36609D-02	2.46651D-02	-1.73125D-03	-2.48761D-04	-1.41344D-03
49	1.50361D-02	2.95270D-02	3.80816D-03	-7.54211D-04	1.09829D-05	-1.16908D-03
50	1.01703D-02	1.54527D-02	2.49612D-03	-3.78404D-04	3.36411D-04	-9.63169D-04
51	8.78662D-03	9.67638D-03	9.38519D-04	-3.65087D-04	3.33660D-04	-9.43214D-04

52	9.95004D-05	2.51697D-06	1.60220D-05	-5.10857D-06	1.87587D-05	-2.64292D-05
53	7.35269D-11	2.10101D-11	4.13707D-11	-4.92792D-10	1.62568D-09	-3.12452D-09
54	1.66000D-02	-2.22007D-02	-4.05959D-05	-7.08712D-04	-2.78713D-04	-9.84740D-04
55	3.10898D-02	-8.04789D-02	4.81684D-03	-2.10117D-03	-5.57507D-04	-7.32056D-04
56	3.22917D-02	-1.07686D-01	6.56896D-03	-2.94316D-03	3.19825D-04	-3.07418D-04
57	4.09192D-02	9.69467D-03	-1.92848D-02	-2.00169D-03	2.19554D-04	-2.52178D-03
58	1.87515D-02	2.72324D-02	-6.10755D-04	-1.86855D-03	4.54529D-06	-1.91639D-03
59	-9.46245D-03	2.87292D-02	2.88660D-02	-1.76028D-03	-1.08323D-04	-1.55832D-03
60	-2.20785D-02	-5.83621D-03	9.56453D-03	1.73685D-03	1.57771D-04	4.30774D-04
61	-3.29701D-02	1.81991D-02	3.94590D-02	4.60800D-04	-2.97424D-04	1.47787D-04
62	1.06126D-03	-5.90241D-03	5.41336D-02	-6.47724D-04	-3.42752D-04	-3.29043D-04
63	3.54901D-04	-1.17852D-02	4.90202D-02	-2.17007D-04	9.77223D-04	-5.46716D-06
64	4.94645D-04	-1.24072D-02	-4.12182D-02	4.07504D-04	1.23627D-03	-4.56697D-05
65	5.06090D-03	-1.52050D-02	-4.29275D-02	1.21516D-03	5.96658D-04	-4.25218D-04
66	1.80934D-02	-1.51444D-02	-4.40024D-03	1.29906D-03	4.98734D-04	-4.08890D-04
67	1.59500D-02	-2.05903D-03	1.05610D-02	9.58650D-04	5.37127D-04	-3.03442D-04
68	-3.75141D-02	3.66528D-02	-1.99765D-02	-3.54620D-04	1.51409D-06	2.76863D-05
69	-3.59342D-02	3.21420D-02	-1.96487D-02	-7.68823D-04	-3.41638D-04	-6.06486D-05
70	-2.16811D-02	1.37987D-05	-1.94639D-02	-6.67250D-04	-2.24945D-04	-1.58000D-05
71	-2.20392D-02	-8.46318D-04	-8.44145D-03	-6.16645D-04	-3.86596D-04	-4.77076D-05
72	-2.20550D-02	-9.79257D-04	-9.90866D-04	-1.60432D-04	-2.49850D-04	8.65477D-05
73	-4.56894D-05	-1.01442D-03	-9.41093D-03	1.42383D-04	-1.38587D-04	2.62778D-04
74	2.92477D-03	9.37314D-04	-8.79475D-03	1.13155D-04	-1.38631D-04	5.53734D-05
76	-2.14202D-02	4.97294D-04	-2.11525D-02	-4.63008D-04	9.41974D-05	-8.49299D-05
77	-2.11731D-02	4.25181D-03	-1.58350D-02	-3.08645D-04	2.73293D-04	-2.20882D-04
78	-3.19890D-03	1.73283D-02	-1.09737D-03	3.46085D-04	1.06902D-03	-1.01624D-03
79	4.11325D-02	1.59183D-02	1.57020D-02	-6.04870D-04	1.70896D-03	8.96555D-04
80	2.84853D-03	1.98239D-03	7.55631D-05	-1.77347D-04	2.51422D-04	1.76718D-04
82	3.62999D-03	4.39451D-04	7.97024D-04	-5.66052D-05	1.40155D-04	2.48983D-04
83	4.34508D-03	9.10230D-04	3.48198D-04	-8.84162D-05	1.43715D-04	3.74853D-05
84	3.52467D-03	4.99212D-04	-1.95955D-03	-7.37060D-05	1.27438D-04	-1.76815D-05
85	2.99006D-03	1.21537D-04	-2.14334D-03	-6.69868D-05	9.95734D-05	-6.60876D-05
86	4.76238D-05	1.06141D-04	-1.52309D-05	-2.12177D-05	4.86770D-06	-2.80797D-05
87	4.00632D-05	-4.98039D-05	-1.09113D-05	-1.43410D-05	-4.52205D-06	-1.09273D-05
88	2.19271D-05	-2.53383D-05	-1.39971D-06	-3.43310D-06	-2.04551D-06	-6.80715D-06
90	4.51990D-05	2.06983D-04	-9.50872D-07	-2.26684D-05	1.28881D-06	-4.34709D-06
91	3.49233D-05	1.26411D-04	1.31534D-06	-1.13833D-05	2.61864D-06	-2.98226D-06
93	1.07597D-02	-8.45206D-03	-3.00632D-03	-3.72903D-04	-5.62174D-04	2.86948D-04
94	4.74553D-02	-3.86804D-02	-1.30193D-02	-5.77367D-04	-8.62311D-04	6.16911D-04
95	-2.81955D-03	-3.40860D-02	-2.75089D-02	2.04290D-04	-3.02046D-04	1.24101D-03
96	-3.89827D-03	-2.11888D-02	-2.32793D-02	6.19287D-04	-3.16975D-04	8.20205D-04
97	2.69613D-04	-8.54465D-03	-2.16332D-02	1.98712D-04	-3.12534D-04	1.01856D-03
98	1.54052D-03	-7.75417D-07	-1.92145D-02	1.42101D-04	-3.17531D-04	8.82862D-04
99	3.68351D-03	-2.88719D-02	-6.02811D-03	3.22778D-04	3.65838D-04	-2.61455D-04
100	-4.16941D-03	-2.42142D-02	-1.35794D-02	5.57548D-04	3.93778D-04	-1.61565D-04
101	-1.29326D-02	-1.14946D-02	-2.20800D-02	7.77761D-04	3.50426D-04	-9.71653D-05
102	-1.82404D-02	-1.24093D-03	-2.75333D-02	5.82009D-04	2.96459D-04	-2.32840D-04
103	-1.71526D-02	-5.80647D-03	-1.14272D-02	1.39744D-03	2.46595D-04	2.15924D-04
104	-3.09127D-04	-4.98541D-02	-2.88366D-02	6.23523D-04	-4.38814D-05	-4.65769D-04
105	5.16200D-05	-3.53975D-02	-2.88798D-02	7.60938D-04	3.86581D-05	-4.33961D-04
106	1.33320D-02	-3.67733D-02	-9.60951D-03	7.25417D-04	4.16459D-05	-4.94674D-04
107	-1.84220D-03	-1.68662D-02	-2.88649D-02	8.78583D-04	1.23546D-04	-2.78667D-04
108	-1.17299D-02	4.24168D-03	-1.83865D-02	4.81858D-04	3.56365D-04	3.98110D-04
109	-1.31061D-02	4.76815D-03	-1.82596D-02	-4.43207D-05	8.32482D-05	7.53225D-05
110	-1.31834D-02	4.32244D-03	-1.82048D-02	-5.89885D-05	5.88737D-07	-6.30152D-05
111	-1.28880D-02	4.06624D-03	-1.81176D-02	1.77047D-04	-8.65279D-05	-2.82050D-04
112	-1.22420D-02	5.83041D-03	-1.80487D-02	5.61066D-04	-1.02751D-04	-4.23168D-04
113	3.45846D-03	1.09334D-02	5.28579D-02	3.56636D-03	6.75098D-05	-6.55018D-04
114	-1.14118D-02	6.66841D-03	-1.80508D-02	-9.65190D-05	-1.58765D-04	-4.30799D-04
115	-1.09276D-02	5.62652D-03	-1.80521D-02	-4.63392D-04	-1.90497D-04	-4.37345D-04

116	-1.02054D-02	3.14734D-03	-1.80536D-02	-7.58503D-04	-2.16294D-04	-4.45761D-04
117	-9.41958D-03	2.38078D-07	-1.80543D-02	-8.58760D-04	-2.25180D-04	-4.45761D-04
118	-1.16345D-02	3.14764D-03	-1.62253D-02	-6.45949D-04	-1.62017D-04	-6.25114D-04
119	-7.70886D-03	-6.55315D-03	-1.80550D-02	-8.59558D-04	-2.24242D-04	-4.45761D-04
120	-1.57105D-02	3.14818D-03	-1.32046D-02	-5.02859D-04	-5.08772D-05	-8.50443D-04
121	-1.89852D-02	1.87655D-03	-1.12514D-02	-4.94546D-04	-4.26458D-05	-8.63092D-04
122	-1.17498D-02	4.85939D-07	-1.48133D-02	4.66314D-04	3.40901D-04	3.92085D-04
123	-1.17837D-02	-7.18751D-03	-8.68119D-03	4.36782D-04	3.03208D-04	3.38170D-04
124	-1.18467D-02	-1.79344D-02	3.22849D-03	3.62175D-04	1.79750D-04	5.97392D-05
125	-1.18558D-02	-1.81869D-02	4.88511D-03	3.46632D-04	1.47793D-04	-2.11935D-05
126	-1.18687D-02	-1.66879D-02	7.57204D-03	3.27358D-04	1.05213D-04	-1.30730D-04
127	-9.60568D-03	-1.59322D-02	1.80646D-02	3.89173D-04	1.08199D-04	-9.52276D-05
128	-1.18257D-02	-1.19644D-02	9.03337D-03	1.82356D-04	9.54791D-05	-2.70659D-04
129	-1.18093D-02	-1.00406D-02	9.47034D-03	1.12196D-04	1.15352D-04	-3.18994D-04
130	-9.18774D-03	-4.62550D-03	1.06479D-02	-1.59498D-04	2.28268D-04	-5.15775D-04
131	-1.39851D-02	-5.69274D-03	1.07017D-02	3.83486D-05	1.93473D-04	-3.19390D-04
132	-2.21724D-02	-6.00302D-07	1.41339D-03	2.62863D-04	-3.45428D-04	4.23906D-04
133	-2.09057D-02	-4.02696D-02	-2.09518D-02	2.96935D-04	1.91549D-04	-4.67533D-04
134	-4.63490D-03	3.73582D-07	1.05484D-02	-3.28951D-04	2.35756D-04	-7.18436D-04
135	-1.06148D-03	6.18586D-03	1.04577D-02	-4.12119D-04	1.77534D-04	-8.97254D-04
136	2.10826D-03	1.54884D-02	1.03574D-02	-4.05006D-04	7.16647D-05	-1.04508D-03
137	3.37769D-02	1.81350D-02	-5.06911D-04	-4.10866D-04	7.89783D-05	-1.17391D-03
138	1.77320D-03	2.33731D-02	1.02589D-02	-3.42455D-04	-3.63196D-05	-9.30883D-04
139	-4.15515D-03	8.95875D-03	1.39297D-02	9.57858D-05	-1.18694D-04	-3.16894D-04
140	-9.04166D-03	-1.91573D-06	1.81522D-02	2.99638D-04	-1.70183D-04	2.46252D-04
141	-1.06776D-02	-6.23895D-04	1.96202D-02	2.99849D-04	-1.89863D-04	4.35787D-04
142	-1.00409D-02	3.52085D-03	2.01164D-02	2.05453D-04	-5.78961D-05	4.28926D-04
143	-9.94687D-03	4.80071D-03	2.01497D-02	5.33043D-05	-1.53818D-05	3.14284D-04
144	-9.95619D-03	5.26626D-03	2.00434D-02	-3.24410D-04	3.38753D-05	-4.03065D-06
145	-1.01166D-02	2.73808D-03	1.98060D-02	-6.89775D-04	4.90201D-05	-3.31125D-04
146	2.96659D-02	6.61722D-04	-3.06842D-02	-2.40768D-03	-2.69104D-05	-1.99366D-03
147	-1.04129D-02	-1.21454D-04	1.95138D-02	-4.23345D-04	8.09996D-05	-5.84300D-05
148	-1.05918D-02	-5.58170D-04	1.93376D-02	-2.77055D-04	9.91110D-05	9.32326D-05
149	-1.08618D-02	-4.69611D-04	1.90706D-02	-1.62532D-04	1.13830D-04	2.14662D-04
150	-1.11566D-02	-1.40386D-07	1.87771D-02	-1.21038D-04	1.18902D-04	2.56156D-04
151	-1.04452D-02	-4.69857D-04	1.98518D-02	-4.11438D-04	8.23084D-05	1.12989D-04
152	-1.17957D-02	7.29008D-04	1.81392D-02	-1.20976D-04	1.18356D-04	2.56219D-04
153	-1.02462D-02	-4.70350D-04	2.30644D-02	-7.25765D-04	1.77634D-05	-1.63357D-05
154	-1.03598D-02	-1.85080D-03	2.59534D-02	-7.43623D-04	1.29827D-05	-2.38071D-05
155	-1.67503D-02	3.22220D-06	2.18543D-02	-1.49003D-03	1.91649D-04	1.94157D-03
156	-1.07571D-03	-3.49356D-03	3.75080D-02	-3.05395D-03	1.17193D-03	3.05513D-03
157	1.88025D-02	-3.95274D-03	5.77731D-02	-3.46778D-03	1.66625D-03	3.48472D-03
158	-8.00805D-02	7.86741D-03	-4.20059D-02	-3.62476D-03	1.65788D-03	3.78242D-03
159	4.91291D-02	-1.93210D-03	8.72572D-02	-3.48830D-03	2.12493D-03	3.39072D-03
160	7.61880D-02	-5.95016D-07	1.14249D-01	-3.46993D-03	2.83944D-03	3.20197D-03
161	2.04240D-01	-3.31077D-03	2.66640D-01	-3.31281D-03	9.43060D-04	2.29978D-03
162	1.36368D-01	2.72358D-07	1.15952D-01	-3.31216D-03	-4.01883D-03	1.07164D-03
163	1.11374D-01	5.10557D-03	4.86505D-02	-3.31892D-03	-4.29997D-03	8.36423D-04
164	9.54383D-02	9.27502D-03	8.71275D-04	-3.31422D-03	-4.30694D-03	7.02544D-04
165	4.13836D-02	2.94974D-02	-2.29888D-01	-3.19035D-03	-2.27434D-03	3.56883D-04
166	-1.24781D-02	-2.95979D-02	4.25453D-03	2.84562D-04	-2.30214D-04	-5.05412D-04
167	-3.75111D-03	-2.94802D-02	9.23630D-03	3.02109D-04	-2.30651D-04	-5.16293D-04
168	-9.26820D-03	-2.59601D-02	4.42893D-03	3.03067D-04	-2.27024D-04	-5.39189D-04
169	-9.72557D-03	-1.89064D-02	2.06732D-03	3.77461D-04	-7.36002D-05	-6.92282D-04
170	-8.30124D-03	5.75561D-03	8.12580D-03	6.52680D-04	3.15933D-04	-7.90450D-04
171	-1.15904D-02	5.75737D-03	5.98942D-03	6.39514D-04	3.15933D-04	-1.15409D-03
172	-1.50122D-02	5.75874D-03	4.28094D-03	6.33099D-04	3.15933D-04	-1.35797D-03
173	-2.20695D-02	5.75941D-03	1.03888D-03	6.32579D-04	3.15933D-04	-1.38359D-03
174	-3.14763D-02	5.75955D-03	-3.23798D-03	6.34037D-04	3.15933D-04	-1.39775D-03
175	-7.85941D-03	9.50402D-03	1.00864D-02	7.08229D-04	3.35159D-04	-7.54757D-04

176	-4.77572D-03	1.35444D-02	-4.16268D-08	1.48746D-03	1.24438D-04	4.56577D-04
177	5.37532D-03	4.35092D-08	-1.53828D-02	8.89680D-04	2.45187D-04	9.59048D-04
178	5.34853D-03	-1.87377D-02	-4.40072D-08	1.72276D-04	-3.97193D-05	-3.91054D-04
179	-2.73007D-03	3.49230D-08	9.53931D-03	-1.08415D-03	1.19820D-04	-2.25726D-04
180	-1.14986D-03	1.90891D-02	3.80925D-03	-1.61459D-03	1.80831D-04	-3.83297D-04
181	-1.84614D-03	1.74118D-02	6.03759D-03	-1.68898D-03	2.62921D-04	-2.90454D-04
182	-9.87370D-03	1.45826D-02	3.03543D-02	-1.77898D-03	-7.85808D-05	-1.45652D-03
183	-9.70717D-03	2.07795D-02	2.97450D-02	-1.77164D-03	-9.40302D-05	-1.49887D-03
184	3.03636D-03	2.86277D-02	1.5289 D- 2	-1.83020D-03	-5.76094D-05	-1.74255D-03
185	-9.19699D-03	3.73078D-02	2.78949D-02	-1.72624D-03	-1.27145D-04	-1.57020D-03
186	7.81759D-03	2.52579D-02	1.03759D-02	-1.38218D-03	-2.22659D-04	-1.19309D-03
187	9.47317D-03	2.28070D-02	8.83438D-03	-1.29941D-03	-1.98401D-04	-1.19605D-03
188	1.08750D-02	2.12266D-02	7.58962D-03	-1.20392D-03	-1.73607D-04	-1.21463D-03
189	9.47852D-03	1.25765D-02	1.72613D-03	-3.71903D-04	3.35791D-04	-9.53360D-04
190	4.06075D-02	3.57362D-07	-1.97997D-06	-2.74656D-03	2.33610D-03	-1.09724D-05
191	4.30132D-02	-1.05799D-06	-4.44280D-02	-2.24599D-03	-1.29931D-03	8.83442D-04
192	4.30633D-02	-6.70910D-03	-5.27787D-02	-2.22616D-03	-1.26481D-03	1.00196D-03
193	3.31560D-02	-1.97114D-02	-8.24552D-02	-1.25029D-03	-1.13306D-03	1.02936D-03
194	5.45772D-02	-2.29022D-02	1.60605D-02	-7.14405D-04	-1.13103D-03	3.70274D-04
195	1.37638D-02	-4.76069D-03	3.93413D-03	-3.34374D-04	-7.26223D-04	1.55126D-04
196	9.84668D-03	-2.21641D-02	4.44746D-03	-5.97735D-04	-2.88009D-04	-9.50079D-04
197	2.68020D-02	-2.25906D-02	-7.17126D-03	-7.13915D-04	-2.79289D-04	-1.00238D-03
198	1.86909D-02	-3.07876D-02	6.29810D-04	-8.28445D-04	-2.79115D-04	-9.87160D-04
199	3.14375D-02	-1.13037D-01	9.61211D-03	-2.92685D-03	1.98336D-04	-3.34910D-04
200	3.16890D-02	-1.20712D-01	9.25102D- 3	-2.82109D-03	-1.94870D-04	-6.29056D-04
201	2.92085D-02	-1.20728D-01	1.87856D-02	-2.93245D-03	-1.62260D-04	-8.05937D-04
202	2.74855D-02	-1.20737D-01	2.4903 D-02	-2.99633D-03	-1.41947D-04	-8.19657D-04
203	2.46068D-02	-1.21774D-01	3.66762D-02	-3.13766D-03	-1.47087D-04	-6.34940D-04
204	2.51349D-02	-1.22979D-01	3.48602D-02	-3.01830D-03	-3.93100D-04	-1.13591D-03
205	2.60849D-02	-1.20519D-01	3.16077D-02	-3.07029D-03	-5.31882D-04	-1.06247D-03
206	3.36663D-02	-1.20438D-01	3.22011D-03	-2.65698D-03	-4.37842D-04	-1.09792D-03
207	3.94864D-02	-9.63180D-02	-1.51604D-02	-2.47912D-03	-4.27366D-04	-1.49337D-03
208	4.12761D-02	2.50649D-07	-2.04347D-02	-2.03748D-03	2.11147D-04	-2.42997D-03
209	-2.70454D-02	2.36665D-02	4.25311D-02	1.19253D-04	-4.29695D-04	1.18707D-04
210	-2.34319D-02	2.48957D-02	4.40712D-02	9.04643D-05	-4.43644D-04	1.18031D-04
211	-2.71912D-02	2.50343D-02	4.82079D-02	1.73935D-04	-4.47207D-04	1.66964D-04
212	-1.96570D-02	2.54173D-02	4.56088D-02	4.44666D-06	-4.52674D-04	7.76882D-05
213	-1.74765D-03	5.32933D-07	5.29874D-02	-6.96638D-04	-3.98088D-04	-3.25866D-04
214	1.45749D-02	-8.26564D-08	9.77365D-03	9.39193D-04	5.37153D-04	-2.95043D-04
215	-2.44999D-02	7.07768D-03	-1.95122D-02	-7.52447D-04	-3.05309D-04	-2.64566D-05
216	-2.16036D-02	-8.06777D-05	-2.11275D-02	-6.03424D-04	-1.18075D-04	-1.42236D-05
217	-2.17088D-02	-2.03161D-04	-1.68075D-02	-6.48561D-04	-2.64780D-04	-2.25849D-05
218	-2.15473D-02	-9.81679D-04	-2.37122D-07	-1.24300D-04	-2.43455D-04	9.80134D-05
219	-7.39891D-03	-1.00829D-03	-5.18367D-03	1.51283D-04	-1.58189D-04	2.47106D-04
220	-6.90219D-03	-1.00843D-03	-5.48957D-03	1.51353D-04	-1.57655D-04	2.47888D-04
221	-6.80623D-03	3.68699D-04	-4.67577D-03	1.51357D-04	-1.57584D-04	2.47889D-04
222	-6.40255D-03	-1.00858D-03	-5.79459D 03	1.51367D-04	-1.57187D-04	2.48623D-04
223	-2.18573D-03	-1.01298D-03	-8.25063D-03	1.46028D-04	-1.42283D-04	2.62805D-04
224	-1.65650D-03	-1.01311D-03	-8.54409D-03	1.45684D-04	-1.41815D-04	2.62956D-04
225	-1.55937D-03	4.44838D-04	-7.81660D-03	1.45690D-04	-1.41703D-04	2.62961D-04
226	-1.12673D-03	-1.01327D-03	-8.83523D-03	1.45318D-04	-1.41456D-04	2.63033D-04
227	1.50280D-03	9.07547D-04	-4.578 5D-03	8.08710D-05	-1.19901D-04	1.71609D-05
228	-2.14894D-02	1.34842D-07	-2.16929D-02	-5.14464D-04	2.07688D-05	-4.98331D-05
229	-2.19583D-02	4.94509D-04	-1.84731D-02	-3.97124D-04	9.66894D-05	-6.36256D-05
230	-2.21911D-02	4.92748D-04	-1.69725D-02	-3.68686D-04	9.82531D-05	-3.69526D-05
231	-4.15694D-07	1.73234D-02	-1.12567D-07	3.49445D-04	1.07647D-03	-1.00508D-03
232	4.89798D-02	1.59744D-02	2.08086D-02	-5.69724D-04	1.70315D-03	8.60706D-04
233	4.72262D-02	1.59698D-02	1.96550D-02	-5.73705D-04	1.70440D-03	8.65577D-04
234	5.67404D-02	1.88803D-02	2.02341D-02	-5.73989D-04	1.70522D-03	8.65603D-04
235	4.54519D-02	1.59645D-02	1.84896D-02	-5.77242D-04	1.70486D-03	8.69791D-04

236	2.14303D-09	4.41580D-04	2.45336D-09	-5.69489D-05	1.40324D-04	2.65523D-04
237	2.66728D-04	4.41074D-04	5.77735D-05	-5.70556D-05	1.40715D-04	2.63172D-04
238	1.83864D-03	4.40223D-04	4.01160D-04	-5.69020D-05	1.41219D-04	2.59238D-04
239	1.83923D-03	-1.19669D-03	1.29486D-03	-5.69020D-05	1.41665D-04	2.59650D-04
240	3.37817D-03	4.39740D-04	7.40883D-04	-5.66549D-05	1.40620D-04	2.53556D-04
241	1.87181D-04	1.07476D-04	-1.11240D-04	-2.52629D-05	1.30065D-05	-3.76719D-05
242	4.74483D-05	-3.63544D-06	-2.42195D-05	-1.68126D-05	2.03112D-06	-2.47489D-05
243	4.71190D-05	2.02799D-04	-3.98854D-06	-2.03352D-05	3.05334D-06	-2.21612D-05
244	1.97605D-05	-2.24437D-05	-1.18092D-06	-2.70820D-06	-1.83665D-06	-5.60095D-06
245	9.36126D-06	-9.14651D-06	-8.13475D-07	-1.83963D-06	-1.48163D-06	-4.04470D-06
246	3.49515D-05	-9.14948D-06	-1.24418D-05	-1.84392D-06	-1.48163D-06	-4.05674D-06
247	1.49862D-06	-7.33505D-07	-4.42187D-07	-1.07428D-06	-9.68961D-07	-2.45863D-06
248	3.16808D-05	1.13994D-04	1.10284D-06	-1.03842D-05	2.58024D-06	-2.45842D-06
249	1.58126D-05	5.42798D-05	7.45971D-07	-8.51333D-06	2.28674D-06	-1.78256D-06
250	2.71270D-05	5.42974D-05	-5.30528D-05	-8.53161D-06	2.28674D-06	-1.79190D-06
51	2.93399D-06	8.83434D-06	4.05493D-07	-5.59310D-06	1.56645D-	- 55 -
252	2.14140D-02	-4.49558D-02	1.60625D-03	-1.46135D-03	-4.30132D-04	-9.45997D-04

4

06

4

04

5 1.09276D 02 5.62652D 03 1.80521D 02 4.63392D 04 1.90497D 04 4.37345D 04

M O D A L A N A L Y S I S

MODE NUMBER 40
FREQUENCY= 28.8361 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.61289D-01	1.11595D-01	4.43560D-02	1.20712D-03	2.16954D-03	-1.93630D-03
3	-1.39882D-01	1.41898D-01	7.49423D-02	1.72149D-03	8.04973D-04	-4.07927D-03
4	-6.41795D-02	1.41750D-01	1.05903D-01	1.62378D-03	7.27866D-04	-4.22203D-03
5	-8.10689D-04	1.20356D-01	1.18663D-01	6.77429D-04	9.38851D-04	-4.32770D-03
6	9.23511D-03	4.37967D-02	9.27616D-02	6.33137D-04	1.45049D-03	-3.04613D-03
7	-2.82264D-02	-3.56751D-02	2.21268D-02	1.09452D-03	1.48959D-03	-1.19077D-03
8	-6.52100D-02	5.49903D-02	-4.30428D-02	3.41556D-04	-7.37607D-04	6.28965D-04
9	4.25520D-02	1.00333D-02	6.11749D-02	-1.94415D-03	-1.19825D-03	3.21007D-04
10	5.79257D-02	2.03912D-06	7.74722D-02	-7.60091D-04	-1.02238D-03	9.95216D-04
11	2.03413D-02	1.70661D-01	8.63808D-02	-1.30552D-03	7.66686D-04	1.16434D-03
12	-8.79479D-03	9.31683D-06	8.65007D-02	-2.49731D-03	4.63621D-05	-6.03906D-05
13	-3.26303D-03	-1.91930D-02	7.67728D-02	-1.26648D-03	-6.10084D-04	-1.01563D-03
14	-2.88094D-03	-1.07660D-03	-7.18390D-04	-6.13240D-05	-1.10481D-04	2.21546D-04
15	4.34840D-03	-2.95273D-03	-6.80416D-04	-5.71235D-06	-5.25840D-05	1.06531D-05
16	4.52456D-03	-1.69204D-03	-1.39497D-04	4.71734D-06	6.30898D-05	-9.88389D-05
17	4.51229D-03	1.02397D-02	7.78842D-03	-3.84074D-05	5.71232D-05	-9.08308D-05
18	4.63426D-03	1.13496D-02	8.25789D-03	-3.63375D-05	2.91739D-06	-2.25416D-05
19	4.51050D-03	1.18574D-02	8.14272D-03	-4.70284D-05	-1.86365D-05	1.92612D-05
20	4.29462D-03	1.13068D-02	7.55049D-03	-4.47329D-05	-5.38306D-05	8.79074D-05
21	4.25130D-03	4.14826D-03	3.78522D-03	-6.92094D-05	-6.80696D-05	1.51789D-04
22	1.85082D-03	4.75757D-04	1.24112D-03	-5.48803D-05	-2.96844D-05	9.94048D-05
23	1.65371D-10	1.44169D-10	1.12246D-10	-7.44828D-09	-4.14865D-10	1.08825D-08
25	2.87125D-02	-1.35541D-02	8.84764D-03	-3.40033D-04	-4.49802D-04	1.80345D-04
26	3.16606D-02	-2.44961D-02	-5.26339D-03	-9.54112D-04	-2.77119D-04	3.85710D-04
27	2.72723D-02	-2.44761D-02	-1.59553D-02	-9.61883D-04	-2.73519D-04	4.08687D-04
28	1.60627D-02	-1.27804D-02	-2.87300D-02	-8.37299D-04	-4.31976D-04	4.70110D-04
29	1.60394D-02	-7.56330D-03	-2.39226D-02	-8.15155D-04	-4.49119D-04	4.40550D-04
30	1.42789D-02	7.48347D-03	-9.24619D-02	-1.09983D-03	6.09949D-04	1.32254D-04
31	2.00328D-02	-3.54456D-04	3.51818D 02	-1.26167D-03	8.78841D-04	1.22330D-03
32	-4.90901D-03	1.07632D-03	1.04060D-0.	-4.23489D-04	-4.98599D-05	5.72257D-04
33	3.59724D-04	-1.03129D-03	9.90546D-03	7.74402D-05	-2.07964D-04	1.38187D-04
34	1.19479D-02	1.57065D-02	-1.18662D-03	-1.10307D-04	-2.00886D-05	-3.69856D-04
35	1.14495D-02	1.56680D-02	-1.06352D-03	-2.13157D-04	9.84777D-05	-3.93769D-04
36	2.67658D-02	2.14132D-02	8.34063D-02	1.36409D-04	1.17711D-03	-2.22850D-03
37	4.02015D-02	1.79102D-02	7.63618D 02	-6.08899D-04	-6.24146D-05	-1.00107D-04
38	2.04463D-04	1.93092D-02	3.45653D-02	3.05176D-04	-1.68224D-03	-1.65578D-04
39	-6.05056D-03	5.40881D-02	4.74039D-03	5.03997D-04	7.04941D-04	-7.94959D-04
40	-4.58885D-03	5.64310D-02	4.00585D-03	1.33590D-03	6.11752D-04	5.23429D-04
41	-5.30744D-04	5.64755D-02	-5.81346D-03	1.48103D-03	5.73415D-04	6.15664D-04
42	5.87444D-03	7.84165D-02	-2.45529D-02	2.73897D-03	9.28956D-05	1.36835D-03
43	4.73167D-03	1.23957D-01	-2.45861D-02	2.72865D-03	5.59917D-05	1.60947D-03
44	4.52144D-03	1.27281D-01	-2.44130D-02	2.00874D-03	5.69161D-05	2.48855D-03
45	4.46866D-03	4.71100D-02	-1.35541D-02	-2.31293D-04	-1.38157D-04	-8.93990D-04
46	4.48382D-03	4.87498D-02	-1.37387D-02	-3.20854D-04	6.31545D-06	-4.12083D-04
47	-3.03603D-03	1.49763D-02	9.04832D-03	-5.32727D-04	-4.57138D-05	-4.34310D-04
48	-2.74576D-03	1.55847D-02	8.60205D-03	-5.30876D-04	-8.43767D-05	-4.16201D-04
49	5.08755D-03	9.04180D-03	1.43920D-03	-2.26343D-04	5.28251D-06	-3.63880D-04
50	3.36334D-03	4.81536D-03	9.81207D-04	-1.11585D-04	1.17918D-04	-3.03921D-04
51	2.87829D-03	3.02180D-03	4.35069D-04	-1.07258D-04	1.16845D-04	-2.98194D-04

52	3.32644D-05	9.12683D-07	6.84490D-06	-1.41410D-06	6.77084D-06	-8.49595D-06
53	2.56523D-11	7.61851D-12	1.52512D-11	-1.28811D-10	5.86779D-10	-1.00844D-09
54	5.06328D-03	-8.56943D-03	-3.10531D-04	-2.13403D-04	-8.05568D-05	-3.29431D-04
55	9.06061D-03	-2.75669D-02	1.05980D-03	-6.96605D-04	-1.48302D-04	-2.38394D-04
56	9.11601D-03	-3.67172D-02	1.74349D-03	-9.84588D-04	1.03957D-04	-8.88360D-05
57	1.16405D-02	3.19945D-03	-5.79704D-03	-6.37565D-04	1.07491D-04	-8.22781D-04
58	4.72751D-03	8.76396D-03	4.08848D-04	-5.98849D-04	1.56012D-05	-5.55118D-04
59	-3.25640D-03	9.24171D-03	9.86088D-03	-5.63544D-04	-2.86221D-05	-4.29334D-04
60	5.66424D-02	1.01194D-02	-2.46937D-02	-4.42034D-03	-7.07510D-04	-9.75878D-04
61	8.34131D-02	-5.33075D-02	-1.03228D-01	-1.37255D-03	6.59355D-04	-3.46498D-05
62	8.11715D-03	1.68391D-02	-1.36151D-01	1.83919D-03	7.29256D-04	9.99493D-04
63	1.00652D-02	3.47050D-02	-1.24177D-01	7.77000D-04	-2.24165D-03	-7.48700D-05
64	9.74714D-03	2.41150D-02	8.21641D-02	-4.86675D-04	-2.81124D-03	-4.51500D-05
65	-2.68943D-03	3.06185D-02	9.26501D-02	-2.27383D-03	-1.29352D-03	1.25828D-03
66	-4.17526D-02	3.04621D-02	1.97782D-02	-2.48457D-03	-1.00490D-03	1.24078D-03
67	-4.34482D-02	4.52390D-03	-1.11234D-02	-2.18157D-03	-9.55479D-04	8.11381D-04
68	5.41698D-02	-8.88311D-02	4.42843D-02	8.16247D-04	-1.19045D-04	-3.69987D-05
69	5.27769D-02	-7.78808D-02	4.40082D-02	1.89010D-03	3.75362D-04	2.02146D-04
70	3.62125D-02	2.01223D-03	4.35435D-02	1.69767D-03	2.73475D-04	1.37974D-04
71	3.76969D-02	6.92843D-03	2.13031D-02	1.59947D-03	7.91400D-04	2.27533D-04
72	3.88179D-02	7.78106D-03	2.75247D-03	4.45857D-04	4.66144D-04	-1.33032D-04
73	-1.74349D-03	8.00894D-03	2.24205D 02	-3.66785D-04	2.72739D-04	-4.88772D-04
74	-7.33965D-03	3.93640D-03	2.17141D-02	-2.23999D-04	3.29869D-04	-1.78511D-04
76	3.58327D-02	-1.35952D-03	4.19015D-02	1.24712D-03	-3.29219D-04	2.04161D-04
77	3.54644D-02	-8.90103D-03	2.79399D-02	9.11417D-04	-6.65200D-04	4.08812D-04
78	5.50219D-03	-3.06988D-02	1.61530D-03	-4.98998D-04	-2.22668D-03	1.75729D-03
79	-7.97793D-02	-2.81189D-02	-2.74284D-02	1.03006D-03	-3.34271D-03	-1.67810D-03
80	-5.56393D-03	-3.55494D-03	-1.31533D-04	3.16077D-04	-4.93246D-04	-3.33928D-04
82	-6.32489D-03	-1.26289D-03	9.72461D-05	-3.33225D-06	-2.98245D-04	-4.32957D-04
83	-7.45150D-03	-2.09673D-03	1.49732D-03	1.19735D-04	-2.70226D-04	-3.83443D-05
84	-5.92540D-03	-1.03321D-03	5.79197D-03	1.31012D-04	-2.36197D-04	5.26385D-05
85	-4.91991D-03	-2.53972D-04	6.00488D-03	1.59485D-04	-1.68681D-04	1.14663D-04
86	-7.93305D-05	-2.21814D-04	3.71301D-05	6.14525D-05	-8.24446D-06	4.85969D-05
87	-6.43294D-05	4.75293D-05	2.05341D-05	3.51464D-05	8.70787D-06	2.28328D-05
88	-3.21392D-05	2.14759D-06	2.85354D-06	3.88500D-06	3.18734D-06	1.58333D-05
90	-7.30263D-05	-3.76027D-04	3.67969D-06	5.25508D-05	-3.23352D-06	9.07899D-06
91	-5.41329D-05	-2.13390D-04	-1.73460D-06	2.05006D-05	-4.15893D-06	7.83652D-06
93	-2.65729D-02	1.66895D-02	7.48950D-03	7.15309D-04	1.39715D-03	-7.14586D-04
94	-1.18461D-01	7.92459D-02	3.26517D-02	1.16964D-03	2.18867D-03	-1.60570D-03
95	1.65621D-02	7.21800D-02	1.06533D-01	6.91746D-04	1.41625D-03	-3.30278D-03
96	2.03684D-02	2.87070D-02	8.68370D-02	2.55055D-04	1.27121D-03	-2.50630D-03
97	1.55439D-03	1.77584D-02	7.83010D-02	6.83274D-04	1.50132D-03	-2.74069D-03
98	-4.65676D-03	1.45825D-06	6.66061D-02	7.65120D-04	1.53082D-03	-2.42265D-03
99	-2.71876D-02	6.62361D-02	-6.43786D-03	-6.62590D-04	-1.38968D-03	3.86695D-04
100	1.23960D-03	5.30657D-02	2.10656D-02	-1.26323D-03	-1.42080D-03	2.61631D-04
101	3.26887D-02	2.27940D-02	5.16281D-02	-1.80553D-03	-1.28056D-03	2.68708D-04
102	5.22544D-02	1.08137D-03	7.14431D-02	-1.23289D-03	-1.12591D-03	7.20679D-04
103	4.54735D-02	1.00741D-02	2.85557D-02	-3.47606D-03	-9.72401D-04	-4.46247D-04
104	1.35842D-02	1.57104D-01	8.6535 D-02	-2.01551D-03	6.12886D-04	9.68265D-04
105	1.54961D-03	1.10524D-01	8.66278D-02	-2.43671D-03	4.59383D-04	8.56600D-04
106	-2.48943D-02	1.13568D-01	2.28121D-02	-2.35128D-03	4.52197D-04	9.85598D-04
107	-6.04877D-03	5.19065D-02	8.65783D-02	-2.74561D-03	2.79739D-04	4.82560D-04
108	-3.25544D-03	-1.02315D-02	7.14344D-02	-1.17053D-03	-6.28185D-04	-9.85129D-04
109	3.95577D-04	-9.79238D-03	7.10114D-02	3.31470D-04	-4.93537D-04	-4.91439D-04
110	1.79668D-03	-7.91859D-03	7.08287D-02	2.67056D-04	-4.93508D-04	-2.79857D-04
111	4.16234D-03	-7.15831D-03	7.05376D-02	-7.04951D-04	-5.64353D-04	5.51473D-05
112	7.75253D-03	-1.40911D-02	7.03072D-02	-2.10916D-03	-6.73541D-04	2.70981D-04
113	-4.49842D-03	-2.91680D-02	-1.75682D-01	-1.22061D-02	-1.26992D-03	6.28533D-04
114	1.14246D-02	-1.86007D-02	7.03159D-02	7.75143D-06	-5.77223D-04	2.80956D-04
115	1.28240D-02	-1.60415D-02	7.03215D-02	1.18675D-03	-5.23173D-04	2.89512D-04

116	1.44545D-02	-9.09323D-03	7.03277D-02	2.13240D-03	-4.79683D-04	3.00512D-04
117	1.59810D-02	-7.68915D-07	7.03307D-02	2.45591D-03	-4.65500D-04	3.00512D-04
118	1.55819D-02	-9.09430D-03	6.55384D-02	1.57326D-03	-5.50698D-04	5.34922D-04
119	1.95465D-02	1.87410D-02	7.03334D-02	2.45822D-03	-4.67910D-04	3.00512D-04
120	1.93930D-02	-9.09629D-03	5.93231D-02	8.63867D-04	-6.96110D-04	8.29489D-04
121	2.45165D-02	-6.96500D-03	5.60527D-02	8.22969D-04	-7.06879D-04	8.46038D-04
122	-3.24209D-03	-2.84319D-06	6.48995D-02	-1.07286D-03	-6.21867D-04	-8.60767D-04
123	-3.21565D-03	1.32619D-02	5.34792D-02	-8.87287D-04	-5.96959D-04	-5.48134D-04
124	-3.14260D-03	2.21295D-02	2.62652D-02	-4.18478D-04	-5.10039D-04	1.34926D-04
125	-3.12628D-03	2.00597D-02	2.12306D-02	-3.20809D-04	-4.76430D-04	2.53843D-04
126	-3.09932D-03	1.31601D-02	1.16447D-02	-1.99698D-04	-4.15883D-04	3.78427D-04
127	-1.37310D-02	1.28728D-02	7.15583D-03	-1.68847D-04	-4.11558D-04	4.29848D-04
128	-2.99300D-03	4.64445D-03	3.43630D-03	-1.41335D-04	-3.18731D-04	3.60595D-04
129	-2.95357D-03	2.36565D-03	1.57245D-03	-1.13096D-04	-2.52934D-04	3.23275D-04
130	-2.94323D-03	-8.80485D-04	-7.75024D-04	-5.77629D-05	2.82593D-05	9.17686D-05
131	-1.64191D-03	-1.66329D-03	-7.13202D-04	-4.79747D-05	-1.10311D-04	1.91022D-04
132	4.52580D-03	4.38208D-08	9.80888D-04	-2.21575D-06	7.96092D-05	-1.20282D-04
133	4.28396D-03	9.70612D-03	6.61344D-03	-5.16303D-05	-6.48101D-05	1.15855D-04
134	-5.92291D-04	1.67709D-06	-8.62325D-04	-1.39541D-04	1.68056D-04	-1.08796D-04
135	2.86159D-03	3.17289D-03	-9.39105D-04	-2.37232D-04	2.16244D-04	-2.85765D-04
136	7.75495D-03	8.96215D-03	-1.02199D-03	-2.76211D-04	1.86745D-04	-4.32062D-04
137	2.19701D-02	1.03519D-02	-9.12230D-03	-3.12678D-04	1.89607D-04	-5.16642D-04
138	1.08341D-02	1.43184D-02	-1.05227D-03	-2.33804D-04	1.22937D-04	-4.06329D-04
139	9.47370D-03	7.35849D-03	1.11502D-03	2.75713D-05	-1.31086D-04	-2.40342D-04
140	3.37782D-03	-5.37467D-07	6.98728D-03	1.01852D-04	-2.02095D-04	-1.12139D-05
141	1.58787D-03	-9.11221D-04	8.71767D-03	9.55296D-05	-2.07262D-04	7.01673D-05
142	2.16094D-03	1.06284D-04	9.25257D-03	2.00527D-05	-3.52623D-05	1.44828D-04
143	2.16657D-03	4.50492D-04	9.24171D-03	-4.18331D-05	2.45210D-05	1.47274D-04
144	1.94189D-03	6.30836D-04	8.99073D-03	-1.76082D-04	1.01148D-04	1.14906D-04
145	1.43057D-03	9.49555D-05	8.45858D-03	-2.94943D-04	1.33896D-04	6.16853D-05
146	7.10042D-03	-6.43630D-04	-8.90127D-03	-8.01933D-04	1.15272D-04	-3.41389D-04
147	7.93040D-04	-4.65887D-04	7.82185D-03	-2.19136D-04	1.59546D-04	1.43131D-04
148	4.74787D-04	-4.73559D-04	7.50421D-03	-1.77947D-04	1.74135D-04	1.89156D-04
149	3.31765D-05	-2.92692D-04	7.06329D-03	-1.46319D-04	1.86043D-04	2.27000D-04
150	-4.29273D-04	-4.06936D-08	6.60113D-03	-1.34258D-04	1.90238D-04	2.39062D-04
151	6.71121D-04	-2.92757D-04	7.59671D-03	-2.49712D-04	1.57677D-04	2.56135D-04
152	-1.45347D-03	5.65527D-04	5.57721D-03	-1.34209D-04	1.69878D-04	2.39111D-04
153	2.16363D-03	-2.92884D-04	9.3522[illegible]D-03	-3.79994D-04	9.95951D-05	2.92369D-04
154	3.14663D-03	-4.59268D-04	1.06974D-02	-3.87359D-04	9.52931D-05	2.94351D-04
155	-5.19653D-03	1.10487D-06	1.01274D-02	-5.57773D-04	3.05251D-06	6.68034D-04
156	-7.66365D-04	-5.31994D-04	1.45760D-02	-1.11050D-03	4.00219D-04	1.11223D-03
157	6.16882D-03	-8.49754D-04	2.16560D-02	-1.25565D-03	5.91699D-04	1.28105D-03
158	-3.03559D-02	3.47264D-03	-1.43928D-02	-1.31032D-03	5.88143D-04	1.39550D-03
159	1.70847D-02	-4.46759D-04	3.22647D-02	-1.26164D-03	7.69051D-04	1.24809D-03
160	2.70413D-02	-1.79797D-07	4.21912D-02	-1.25571D-03	1.05015D-03	1.17801D-03
161	7.54348D-02	-1.54403D-03	9.98444D-02	-1.20934D-03	3.74030D-04	8.36713D-04
162	5.07830D-02	9.00883D-08	4.47832D-02	-1.21128D-03	-1.49221D-03	3.92501D-04
163	4.14899D-02	1.82302D-03	1.97389D-02	-1.21302D-03	-1.60021D-03	3.09612D-04
164	3.55636D-02	3.28971D-03	1.95442D-03	-1.21098D-03	-1.60457D-03	2.62263D-04
165	1.53683D-02	1.02184D-02	-8.43745D-02	-1.16608D-03	-8.57762D-04	1.36454D-04
166	-8.10863D-04	1.92898D-02	3.25735D-02	2.76544D-04	-1.66468D-03	-1.31501D-04
167	1.75189D-03	1.93637D-02	3.73550D-02	3.29758D-04	-1.68133D-03	-1.67205D-04
168	-2.63599D-03	2.02742D-02	2.11905D-02	3.05057D-04	-1.67816D-03	-2.01251D-04
169	-6.81835D-03	2.39299D-02	1.44968D-03	3.20374D-04	-1.11529D-03	-4.60624D-04
170	-7.72854D-03	4.55378D-02	-3.05661D-03	4.43240D-04	5.27078D-04	-8.00272D-04
171	-1.10438D-02	4.55519D-02	-4.84462D-03	6.16678D-04	5.27078D-04	-1.16048D-03
172	-1.44799D-02	4.55629D-02	-6.65481D-03	7.14029D-04	5.27078D-04	-1.36250D-03
173	-2.15595D-02	4.55683D-02	-1.03609D-02	7.26292D-04	5.27078D-04	-1.38790D-03
174	-3.09953D-02	4.55694D-02	-1.52967D-02	7.33269D-04	5.27078D-04	-1.40203D-03
175	-6.94555D-03	4.97043D-02	5.81186D-04	4.70594D-04	6.38949D-04	-8.11844D-04

176	-2.90587D-03	5.64505D-02	-1.32222D-07	1.39692D-03	5.95322D-04	5.64998D-04
177	4.53151D-03	8.63326D-08	-1.71783D-02	1.40248D-03	2.49234D-04	1.80774D-03
178	4.51604D-03	-3.54010D-02	-4.15511D-08	5.75030D-04	4.26404D-06	-7.28892D-04
179	-1.79627D-03	4.74755D-08	6.40132D-03	-5.98304D-04	1.27162D-04	2.43786D-04
180	-5.05718D-04	1.09149D-02	1.69273D-03	-5.39140D-04	2.04956D-05	-2.48489D-04
181	-6.44811D-04	1.13222D-02	2.10881D-03	-5.68315D-04	5.87874D-05	-1.76814D-04
182	-3.35526D-03	5.80434D-03	1.02385D-02	-5.72928D-04	-1.78601D-05	-3.92229D-04
183	-3.31752D-03	7.28537D-03	1.00905D-02	-5.69166D-04	-2.33531D-05	-4.07431D-04
184	2.34316D-04	9.20683D-03	5.51005D-03	-5.86605D-04	-8.62253D-06	-4.92755D-04
185	-3.18558D-03	1.14345D-02	9.59353D-03	-5.50182D-04	-3.58980D-05	-4.35837D-04
186	2.65339D-03	7.01028D-03	3.65777D-03	-4.12572D-04	-7.70377D-05	-3.67305D-04
187	3.22433D-03	6.36777D-03	3.12578D-03	-3.87449D-04	-6.83184D-05	-3.69143D-04
188	3.70555D-03	5.98577D-03	2.69825D-03	-3.59037D-04	-5.94983D-05	-3.75154D-04
189	3.12079D-03	3.92259D-03	7.11166D-04	-1.09478D-04	1.17652D-04	-3.01116D-04
190	1.50572D-02	1.30680D-07	-7.35391D-07	-1.00981D-03	8.70161D-04	-1.44371D-05
191	1.59889D-02	-4.01286D-07	-1.57715D-02	-8.33910D-04	-4.81967D-04	3.44211D-04
192	1.60088D-02	-2.60630D-03	-1.88732D-02	-8.26944D-04	-4.69829D-04	3.89796D-04
193	1.21863D-02	-7.64957D-03	-2.99718D-02	-4.76198D-04	-4.19882D-04	3.94670D-04
194	2.12657D-02	-9.40363D-03	6.27617D-03	-2.83714D-04	-4.40144D-04	1.43560D-04
195	5.36828D-03	-2.01136D-03	1.54253D-03	-1.36865D-04	-2.83140D-04	5.88354D-05
196	2.80244D-03	-8.55598D-03	1.01776D-03	-1.74814D-04	-8.42491D-05	-3.18023D-04
197	8.46815D-03	-8.69260D-03	-2.46179D-03	-2.15234D-04	-8.07397D-05	-3.35089D-04
198	5.66285D-03	-1.12637D-02	-1.16422D-04	-2.55080D-04	-7.98218D-05	-3.30141D-04
199	8.84456D-03	-3.86331D-02	2.70423D-03	-9.77510D-04	5.40009D-05	-9.76713D-05
200	9.03923D-03	-4.14140D-02	2.20285D-03	-9.37632D-04	-9.28575D-05	-1.99454D-04
201	8.22579D-03	-4.14197D-02	5.35432D-03	-9.65905D-04	-8.55268D-05	-2.67524D-04
202	7.65070D-03	-4.14230D-02	7.36552D-03	-9.84421D-04	-8.09606D-05	-2.72865D-04
203	6.74845D-03	-4.17821D-02	1.10880D-02	-1.03219D-03	-8.65826D-05	-1.98775D-04
204	7.00498D-03	-4.22613D-02	1.02153D-02	-9.90045D-04	-1.63436D-04	-3.67877D-04
205	7.37963D-03	-4.14427D-02	8.94120D-03	-1.00393D-03	-2.05955D-04	-3.49787D-04
206	9.86553D-03	-4.14149D-02	-3.69708D-04	-8.77268D-04	-1.77568D-04	-3.63082D-04
207	1.20615D-02	-3.30821D-02	-7.35726D-03	-8.06090D-04	-1.49665D-04	-5.05383D-04
208	1.18126D-02	8.51377D-08	-6.35583D-03	-6.49473D-04	1.06361D-04	-7.95222D-04
209	6.99618D-02	-6.78669D-02	-1.10457D-01	-4.39713D-04	9.73271D-04	8.12916D-05
210	6.17738D-02	-7.08126D-02	-1.13977D-01	-3.56483D-04	1.00259D-03	8.86775D-05
211	6.27293D-02	-7.08507D-02	-1.27369D-01	-5.79822D-04	1.01190D-03	-2.64990D-05
212	5.32708D-02	-7.17794D-02	-1.17448D-01	-1.17418D-04	1.01893D-03	1.86159D-04
213	1.41107D-02	-1.45295D-06	-1.33691D-01	1.93713D-03	8.54197D-04	1.03541D-03
214	-4.10259D-02	1.89741D-07	-9.73676D-03	-2.14359D-03	-9.52927D-04	7.86824D-04
215	3.96161D-02	-1.57897D-02	4.36640D-02	1.88926D-03	3.62526D-04	1.53222D-04
216	3.61006D-02	1.20129D-03	4.51813D-02	1.55687D-03	7.19389D-05	1.15478D-04
217	3.62588D-02	3.71611D-03	3.96979D-02	1.65080D-03	3.85525D-04	1.65980D-04
218	3.80144D-02	7.79841D-03	6.16961D-07	3.51974D-04	4.54900D-04	-1.59505D-04
219	1.19310D-02	7.98391D-03	1.16106D-02	-3.82200D-04	3.04976D-04	-4.60642D-04
220	1.10048D-02	7.98484D-03	1.23839D-02	-3.82599D-04	3.04035D-04	-4.61991D-04
221	1.08239D-02	5.40131D-03	1.08302D-02	-3.82604D-04	3.03873D-04	-4.61905D-04
222	1.00737D-02	7.98555D-03	1.31556D-02	-3.82854D-04	3.03251D-04	-4.63312D-04
223	2.22956D-03	8.00528D-03	1.94310D-02	-3.74939D-04	2.78228D-04	-4.88399D-04
224	1.24622D-03	8.00587D-03	2.01852D-02	-3.74201D-04	2.77443D-04	-4.88647D-04
225	1.06288D-03	5.27900D-03	1.87873D-02	-3.74211D-04	2.77170D-04	-4.88570D-04
226	2.62217D-04	8.00624D-03	2.09338D-02	-3.73398D-04	2.76919D-04	-4.88828D-04
227	-3.84984D-03	1.52846D-03	1.14817D-02	-1.49855D-04	2.95744D-04	-1.08448D-04
228	3.59343D-02	-2.50007D-07	4.41439D-02	1.36063D-03	-1.90465D-04	1.54547D-04
229	3.70993D-02	-1.35514D-03	3.46599D-02	1.06364D-03	-3.27756D-04	1.58810D-04
230	3.76862D-02	-1.35235D-03	3.06461D-02	9.74208D-04	-3.26838D-04	1.07771D-04
231	6.10685D-07	-3.06896D-02	2.14335D-07	-5.09031D-04	-2.23969D-03	1.74266D-03
232	-9.44658D-02	-2.82204D-02	-3.61121D-02	9.66897D-04	-3.33422D-03	-1.60554D-03
233	-9.11923D-02	-2.82120D-02	-3.41535D-02	9.74014D-04	-3.33639D-03	-1.61526D-03
234	-1.09796D-01	-3.31178D-02	-3.52479D-02	9.74518D-04	-3.33801D-03	-1.61532D-03
235	-8.78778D-02	-2.82024D-02	-3.21741D-02	9.80349D-04	-3.33703D-03	-1.62371D-03

236	-4.01366D-09	-1.26686D-03	-5.53329D-09	-1.04451D-05	-3.02136D-04	-4.63253D-04
237	-4.65527D-04	-1.26598D-03	8.75672D-06	-8.77260D-06	-3.01906D-04	-4.58876D-04
238	-3.20554D-03	-1.26449D-03	5.42142D-05	-6.93580D-06	-3.01610D-04	-4.51539D-04
239	-3.20659D-03	1.58519D-03	-1.85175D-03	-6.93580D-06	-3.02256D-04	-4.52092D-04
240	-5.88654D-03	-1.26349D-03	9.20940D-05	-5.06382D-06	-2.99714D-04	-4.41283D-04
241	-3.14526D-04	-2.24604D-04	3.24690D-04	7.60548D-05	-2.20320D-05	6.28295D-05
242	-7.91461D-05	-2.39605D-05	4.91715D-05	4.78809D-05	-2.79832D-06	4.39423D-05
243	-7.85868D-05	-3.92258D-04	1.49150D-05	5.52411D-05	-5.81204D-06	3.85356D-05
244	-2.89104D-05	6.35303D-07	2.40535D-06	2.18587D-06	2.79274D-06	1.30248D-05
245	-1.34825D-05	-4.63597D-06	1.65268D-06	5.71239D-07	2.19300D-06	9.40123D-06
246	-7.29397D-05	-4.63749D-06	5.26805D-06	5.73075D-07	2.19300D-06	9.42668D-06
247	-2.04821D-06	-3.17491D-06	8.98361D-07	-5.52315D-08	1.41477D-06	5.71469D-06
248	-4.90792D-05	-1.91978D-04	-1.45202D-06	1.82285D-05	-4.05262D-06	6.45353D-06
249	-2.43857D-05	-8.96957D-05	-9.77485D-07	1.45198D-05	-3.55583D-06	4.66920D-06
250	-5.39714D-05	-8.97252D-05	9.07827D-05	1.45514D-05	-3.55583D-06	4.68802D-06
251	-4.47011D-06	-1.37563D-05	-5.31339D-07	9.38942D-06	-2.42526D-06	2.83824D-06
252	6.41376D-03	-1.58448D-02	1.63025D-04	-4.75038D-04	-1.18961D-04	-3.14799D-04

O D A L A N A L Y S I S

MODE NUMBER 41
FREQUENCY= 29.0987 HZ
52 3.32644D-05 9.12683D-07 6.84490D-06 1.4 06 6.77084D-06 4.595D-06

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
2	-7.73537D-02	1.13062D-01	2.12050D-02	1.25923D-03	6.39136D-04	3.37290D-05
3	-6.81866D-02	1.13890D-01	5.93710D-03	-2.38574D-03	-1.67098D-03	-1.08704D-04
4	-6.69375D-02	1.13852D-01	-3.91877D-02	-2.69437D-03	-2.10057D-03	-3.12520D-05
5	-6.23380D-02	1.02840D-01	-8.18804D-02	-4.50714D-03	-2.07400D-03	1.81649D-04
6	-3.20288D-02	4.48319D-02	-5.38037D-02	-5.36620D-03	-2.75594D-03	4.25591D-04
7	3.60723D-02	-1.69485D-02	7.20908D-02	-3.22726D-03	-2.33781D-03	2.01411D-03
8	7.21981D-02	1.18620D-01	1.39082D-01	-1.06867D-03	1.36537D-03	1.53891D-03
9	-6.63375D-02	1.76716D-02	-4.99323D-05	-4.52041D-04	9.32796D-04	-9.49389D-04
10	-7.61754D-02	1.52277D-06	-1.01445D-02	-1.31076D-04	5.43747D-04	-8.67180D-04
11	-1.57780D-02	2.27983D-02	1.77014D-03	1.01352D-06	-5.18522D-04	-1.06983D-03
12	-3.68879D-03	-4.77820D-08	1.58915D-03	-4.75293D-04	4.76068D-05	-7.54208D-04
13	-5.95116D-03	-2.62579D-03	3.35635D-03	-5.34883D-04	4.35708D-05	-2.19980D-04
14	-6.56417D-03	-5.34496D-03	6.75336D-03	-1.43155D-04	6.37543D-05	2.90293D-05
15	-1.07456D-02	-1.15006D-03	6.72746D-03	1.73887D-04	2.78062D-06	5.58623D-05
16	-9.60489D-03	1.68312D-03	4.71930D-03	2.05032D-04	-1.37788D-04	1.03390D-04
17	-9.54202D-03	-1.43699D-02	-9.02951D-03	2.08495D-04	-9.07280D-05	1.40047D-04
18	-9.72108D-03	-1.70068D-02	-9.76603D-03	1.92707D-04	-6.43814D-06	3.75285D-05
19	-9.54164D-03	-1.93824D-02	-9.61275D-03	1.96495D-04	2.19470D-05	-2.52699D-05
20	-9.27313D-03	-1.92681D-02	-8.95467D-03	1.73433D-04	5.47504D-05	-1.40016D-04
21	-9.15827D-03	-7.47160D-03	-5.39279D-03	1.54169D-04	5.84778D-05	-2.61910D-04
22	-4.16509D-03	-7.68345D-04	-2.00588D-03	9.54936D-05	8.07916D-06	-1.95562D-0
23	-4.18882D-10	-2.13737D-10	-1.35163D-10	1.17491D-08	-3.20404D-09	-2.32698D-08
25	5.34306D-03	1.50907D-04	1.73610D-03	-1.80094D-05	-9.26920D-05	5.60989D-05
26	6.17319D-03	-2.01548D-04	1.25924D-03	-8.77585D-05	-1.15334D-04	7.90859D-05
7	5.26593D-03	-2.01111D-04	2.73408D-04	-9.42449D-05	-1.21159D-04	8.08172D-0
28	3.86204D-03	6.17976D-04	-3.32908D-04	-1.84077D-04	-1.11895D-04	-1.06573D-05
29	3.85286D-03	4.65142D-04	9.21464D-04	-1.96395D-04	-1.13381D-04	-1.73872D-05
30	3.33349D-03	-2.46620D-03	-1.96328D-02	-2.19420D-04	1.15498D-04	-1.12965D-05
1	3.49816D-03	1.93279D-04	6.11816D-03	-2.55420D-04	1.55988D-04	2.75851D-
32	6.02525D-04	-4.33543D-04	3.29243D-03	-1.20387D-04	-3.11739D-05	4.57669D-05
33	1.30141D-03	-2.03181D-03	3.51294D-03	-7.55218D-06	7.77768D-06	-1.04896D-04
34	-1.55271D-03	1.69316D-02	6.51035D-03	-8.02254D-05	3.98245D-05	-2.58426D-04
35	-2.06042D-03	1.64019D-02	6.73937D-03	-1.93670D-04	3.43992D-05	-2.07985D-0
36	-6.35125D-02	1.90636D-01	-3.66872D-02	-1.05707D-02	-1.94639D-03	3.15441D-03
37	-8.10507D-02	2.93527D-01	-1.15074D-01	-4.25216D-03	6.52021D-04	-1.52791D-03
38	5.83068D-02	3.09068D-01	-1.52317D-01	-1.88790D-03	6.91223D-03	3.82627D-03
39	6.71005D-02	-1.26716D-01	-1.02355D-01	-6.83240D-03	-4.75962D-03	7.79701D-0
40	5.67157D-02	-1.40169D-01	-4.51489D-02	-1.49372D-02	-2.85886D-03	-4.18426D-03
41	2.46619D-02	-1.40401D-01	6.33420D-02	-1.59757D-02	-2.63718D-03	-4.74567D-03
42	-2.97785D-02	-3.39017D-01	2.42480D-01	-2.38375D-02	1.87206D-04	-9.18723D-03
43	-3.51178D-02	-7.33655D-01	2.42837D-01	-2.37268D-02	4.06956D-04	-1.06177D-
44	-4.02984D-02	-8.09561D-01	2.47558D-01	-1.91628D-02	9.35210D-06	-1.59923D-02
45	-3.95102D-02	-2.93113D-01	1.17823D-01	-4.42834D-03	1.41748D-03	4.84264D-03
46	-3.97239D-02	-3.03359D-01	1.20014D-01	-3.82685D-03	1.62758D-04	1.56713D-03
7	1.83623D-03	7.43298D-02	-2.58276D-03	-1.78612D-03	-1.17682D-04	-2.44954D-0
48	2.07525D-03	8.10965D-02	-3.01422D-03	-2.07225D-03	-1.10073D-05	-1.94918D-03
49	3.97910D-03	3.87392D-02	-4.49874D-03	-1.00933D-03	-5.69300D-05	-1.31180D-03
50	5.41338D-03	1.84328D-02	-4.36502D-03	-6.68693D-04	-5.45414D-05	-9.79651D-04

52	4.46826D-05	1.90224D-06	-4.90613D-05	-1.37040D-05	-9.05966D-06	-2.30033D-05
53	-2.09549D-12	1.58787D-11	-3.41339D-11	-1.61213D-09	-7.85134D-10	-2.58733D-09
54	1.69942D-02	1.06711D-03	6.98176D-03	1.11888D-03	-5.28835D-04	-2.30712D-04
55	4.65306D-02	4.12016D-02	1.58303D-02	1.24750D-03	-1.24507D-03	-5.51876D-05
56	5.68627D-02	5.14466D-02	1.35158D-02	5.89028D-04	2.88209D-04	2.95603D-04
57	7.09463D-02	9.30434D-03	-3.12300D-02	-1.09309D-03	-1.28441D-03	-2.20446D-03
58	4.59364D-02	3.10371D-02	-2.69908D-02	-1.63169D-03	-4.05016D-04	-2.90617D-03
59	9.42591D-04	3.25625D-02	2.88587D-04	-1.77739D-03	-1.66831D-04	-2.54057D-03
60	-4.82374D-02	1.77753D-02	-3.75118D-04	1.55988D-04	6.24551D-04	-7.86269D-04
61	-3.74227D-02	2.41206D-02	1.06431D-02	5.88360D-04	-3.52861D-04	-1.21175D-03
62	-6.46189D-03	-4.64573D-03	2.36041D-02	-2.38278D-04	-2.84522D-04	-9.50733D-04
63	-5.67508D-03	-1.25503D-02	2.29327D-02	1.59924D-04	3.23691D-04	-8.31783D-05
64	-5.62919D-03	-4.15054D-03	-8.94589D-03	1.67472D-04	4.38884D-04	1.74886D-04
65	-4.54257D-03	-3.34945D-03	-1.04869D-02	2.94756D-04	2.33717D-04	-2.36415D-04
66	3.31839D-03	-3.28540D-03	-1.42149D-03	3.08384D-04	1.56819D-04	-2.60659D-04
67	5.57571D-03	-4.58329D-04	2.90675D-03	3.06983D-04	5.78208D-05	-2.45269D-04
68	1.96255D-03	3.38345D-03	7.40978D-04	-2.32199D-05	1.64640D-05	-7.40837D-05
69	1.80434D-03	2.87598D-03	6.97492D-04	-6.79053D-05	2.38703D-05	-7.16472D-05
70	8.10497D-04	-1.06283D-04	6.79365D-04	-6.09118D-05	2.38005D-05	-1.46594D-05
71	7.12644D-04	-5.19700D-04	1.15702D-04	-3.30316D-05	4.97757D-05	-1.69657D-05
72	5.63419D-04	-5.96573D-04	5.64009D-06	-1.65716D-06	5.73684D-05	-6.54659D-06
73	5.83179D-05	-6.13783D-04	-1.47480D-04	1.86842D-06	2.70552D-05	-3.51821D-06
74	1.24460D-04	-5.66129D-04	-3.53680D-04	-1.00162D-05	-1.41616D-07	3.61016D-06
76	8.03671D-04	-2.80715D-05	1.21657D-03	-5.69096D-05	1.02254D-05	4.58361D-06
77	7.96747D-04	-2.83542D-04	1.35116D-03	-5.48106D-05	1.85470D-06	1.31937D-05
78	1.08706D-04	-8.48373D-04	1.33152D-04	-4.38373D-05	-1.67941D-05	3.48603D-05
79	-1.24224D-03	-8.20501D-04	-9.08104D-04	4.20185D-05	-4.93872D-05	-2.87137D-05
80	-8.70149D-05	-8.37736D-05	-5.09465D-06	8.19603D-06	-7.47847D-06	-5.89178D-06
82	-1.43303D-04	-2.75045D-05	-5.08962D-04	3.52575D-05	-1.67938D-05	-9.91748D-06
83	-1.50671D-04	-1.76918D-05	-5.65514D-04	2.14858D-05	-2.13743D-05	-6.40825D-06
84	-2.72209D-05	-1.19018D-06	-2.18602D-04	1.13806D-05	-1.92102D-05	-3.32305D-06
85	-6.11985D-06	4.19214D-09	-1.56346D-04	1.28177D-06	-1.72126D-05	-1.12037D-06
86	2.73673D-07	4.31078D-09	-2.25837D-06	-2.68223D-06	-8.42132D-07	-5.23273D-08
87	2.57025D-07	8.80999D-07	4.18457D-07	-1.29773D-06	5.38844D-08	-3.07224D-07
88	5.07821D-07	2.37898D-06	1.46711D-07	5.36434D-08	-2.38799D-08	-3.69229D-07
90	-6.31791D-07	-8.74617D-07	-1.31154D-06	-1.29814D-06	5.06120D-07	-3.05657D-07
91	-1.74798D-06	-2.37681D-06	-3.27212D-07	5.34015D-08	-7.48857D-08	-3.67243D-07
93	-1.58041D-02	2.07096D-02	4.38987D-03	1.00655D-03	7.72767D-04	-1.49368D-04
94	-6.16347D-02	8.62821D-02	1.68973D-02	1.40589D-03	8.93528D-04	-7.93333D-05
95	-4.66173D-02	6.98352D-02	-8.07643D-02	-5.08009D-03	-2.67739D-03	2.12545D-04
96	-5.25558D-02	1.23728D-01	-4.26765D-02	-9.42341D-03	-2.25052D-03	2.56629D-03
97	-1.70737D-02	1.80179D-02	-2.61544D-02	-5.05614D-03	-2.80606D-03	5.26356D-04
98	-5.26247D-03	3.96703D-06	-4.32660D-03	-4.68203D-03	-2.79430D-03	8.18405D-04
99	1.18767D-02	1.05197D-01	7.83565D-02	-1.29792D-03	1.98788D-03	1.13568D-04
100	-2.45073D-02	7.38900D-02	4.15931D-02	-1.22498D-03	1.70951D-03	-5.60108D-04
101	-5.79540D-02	3.07053D-02	8.30793D-03	-7.38629D-04	1.17277D-03	-9.36251D-04
102	-7.29627D-02	6.24219D-03	-6.82699D-03	-2.80643D-04	7.06782D-04	-9.23904D-04
103	-5.75935D-02	1.77214D-02	-1.88353D-03	-9.96951D-05	7.90933D-04	-8.49735D-04
104	-1.14810D-02	2.22263D-02	1.67863D-03	-2.04269D-04	-3.43666D-04	-1.14551D-03
105	-5.25052D-03	1.67266D-02	1.61896D-03	-3.38863D-04	-1.97825D-04	-1.18861D-03
106	2.95764D-02	1.39201D-02	-7.84013D-03	-3.68751D-04	-1.95311D-04	-1.29692D-03
107	-3.14637D-03	8.43403D-03	1.60503D-03	-4.18046D-04	-5.85037D-05	-1.01142D-03
108	-5.99622D-03	-1.22824D-03	3.61503D-03	-5.12181D-04	3.21299D-05	-1.68642D-04
109	-5.90211D-03	-3.28667D-03	3.58075D-03	-1.64940D-04	-5.65687D-05	-1.61716D-04
110	-5.67514D-03	-3.56602D-03	3.56598D-03	-8.15245D-05	-9.26340D-05	-1.58747D-04
111	-5.10009D-03	-3.66407D-03	3.54252D-03	-3.01209D-05	-1.46634D-04	-1.54047D-04
112	-4.11894D-03	-3.82191D-03	3.52397D-03	-6.93242D-05	-1.78315D-04	-1.51019D-04
113	1.37128D-04	-4.57345D-03	-1.35723D-02	-8.71460D-04	-2.26857D-04	-1.42765D-04
114	-3.02323D-03	-3.38551D-03	3.52426D-03	1.52753D-04	-1.85171D-04	-1.52743D-04
115	-2.52888D-03	-2.71832D-03	3.52443D-03	2.77185D-04	-1.89164D-04	-1.54221D-04

116	-1.88049D-03	-1.47284D-03	3.52461D-03	3.77973D-04	-1.92503D-04	-1.56123D-04
117	-1.22315D-03	-7.97846D-08	3.52476D-03	4.11708D-04	-1.93822D-04	-1.56123D-04
118	-2.34884D-03	-1.47293D-03	2.51864D-03	3.87627D-04	-1.80246D-04	-1.96650D-04
119	2.54955D-04	3.14184D-03	3.52489D-03	4.12103D-04	-1.93854D-04	-1.56123D-04
120	-3.56765D-03	-1.47307D-03	3.96599D-04	3.99518D-04	-1.55148D-04	-2.47569D-04
121	-4.15769D-03	-4.48351D-04	-1.17828D-03	4.00124D-04	-1.53290D-04	-2.50426D-04
122	-6.05197D-03	5.42313D-07	3.84816D-03	-4.87608D-04	2.21587D-05	-1.21672D-04
123	-6.15584D-03	1.62794D-03	4.10732D-03	-4.40918D-04	9.27023D-06	-5.49175D-05
124	-6.40604D-03	7.44265D-04	4.26357D-03	-3.22966D-04	1.14114D-05	7.80717D-05
125	-6.45588D-03	-1.68470D-04	4.38127D-03	-2.98393D-04	1.91900D-05	9.90065D-05
126	-6.53576D-03	-2.52301D-03	4.88020D-03	-2.67921D-04	3.51753D-05	1.20278D-04
127	-1.10119D-02	-3.17337D-03	-2.58863D-03	-2.78812D-04	3.87072D-05	1.62268D-04
128	-6.55039D-03	-4.52325D-03	5.78337D-03	-2.15298D-04	4.85540D-05	7.70537D-05
129	-6.55552D-03	-4.90859D-03	6.09736D-03	-1.89836D-04	5.41540D-05	5.88880D-05
130	-5.83789D-03	-3.57564D-03	6.75396D-03	-1.81027D-04	6.36181D-05	-1.07020D-05
131	-7.35886D-03	-6.46791D-03	6.75259D-03	-7.33114D-05	6.86689D-05	3.29130D-05
132	-9.60173D-03	-4.30429D-07	2.44569D-03	2.05589D-04	-1.54005D-04	1.38245D-04
133	-9.24416D-03	-1.67127D-02	-8.02327D-03	1.68005D-04	6.32249D-05	-1.87764D-04
134	-4.75044D-03	6.09342D-07	6.75289D-03	-2.41719D-04	5.77824D-05	-7.21048D-05
135	-3.94390D-03	4.22738D-03	6.74996D-03	-2.74485D-04	4.90395D-05	-1.26284D-04
136	-2.98866D-03	1.02337D-02	6.74539D-03	-2.58687D-04	4.08349D-05	-1.71073D-04
137	1.92239D-03	1.10202D-02	-1.94529D-04	-2.61931D-04	4.12263D-05	-1.80897D-04
138	-2.25273D-03	1.51776D-02	6.74122D-03	-2.14338D-04	3.49733D-05	-1.95879D-04
139	-2.61660D-04	9.34077D-03	5.17285D-03	1.83010D-05	4.50056D-05	-2.69589D-04
140	1.07021D-03	2.65265D-07	3.77515D-03	2.01131D-05	2.55645D-05	-1.72270D-04
141	1.24168D-03	-1.37035D-03	3.58525D-03	3.84740D-06	1.53584D-05	-1.31482D-04
142	1.06622D-03	-1.53610D-03	3.38547D-03	2.42056D-05	5.43824D-05	-1.83252D-05
143	9.38582D-04	-1.46632D-03	3.24737D-03	1.28013D-05	6.65733D-05	1.00333D-05
144	6.92003D-04	-1.35519D-03	2.98416D-03	-3.00936D-05	7.99430D-05	3.01103D-05
145	3.45112D-04	-1.41961D-03	2.62413D-03	-7.99881D-05	8.30764D-05	2.07872D-05
146	4.26035D-03	-1.76495D-03	-5.35686D-03	-3.94102D-04	7.16963D-05	-2.25278D-04
147	-1.85053D-05	-1.31070D-03	2.26064D-03	-1.43188D-05	8.72329D-05	8.77344D-05
148	-1.84018D-04	-1.06203D-03	2.09525D-03	2.22549D-05	8.96364D-05	1.25404D-04
149	-4.02199D-04	-5.78930D-04	1.87720D-03	5.15783D-05	9.16319D-05	1.56136D-04
150	-6.24060D-04	-3.37399D-08	1.65544D-03	6.16525D-05	9.23935D-05	1.66211D-04
151	3.00454D-05	-5.78967D-04	1.76280D-03	3.70732D-05	8.52090D-05	1.71665D-04
152	-1.12227D-03	1.22964D-03	1.15731D-03	6.17617D-05	9.23901D-05	1.66320D-04
153	1.01470D-03	-5.79030D-04	1.62148D-03	1.87628D-05	7.20572D-05	1.91083D-04
154	1.64123D-03	-1.98779D-04	1.42175D-03	1.77155D-05	7.10831D-05	1.92153D-04
155	3.75492D-04	2.48940D-08	3.06403D-03	-1.42136D-04	-2.64406D-05	8.02724D-05
156	3.05243D-04	9.02392D-04	2.98474D-03	-2.32432D-04	4.53517D-05	2.33741D-04
157	1.19317D-03	6.48870D-04	3.88628D-03	-2.59078D-04	8.77612D-05	2.83763D-04
158	-7.01486D-03	1.58780D-03	-3.57210D-03	-2.73064D-04	8.69808D-05	3.10870D-04
159	2.96986D-03	3.09259D-04	5.60268D-03	-2.55942D-04	1.29240D-04	2.80848D-04
160	4.81850D-03	7.96340D-08	7.42528D-03	-2.56926D-04	1.99352D-04	2.62878D-04
161	1.50364D-02	3.30164D-05	1.95769D-02	-2.67104D-04	9.52318D-05	1.70827D-04
162	1.07691D-02	-2.48681D-08	9.60647D-03	-2.47837D-04	-2.95024D-04	1.17923D-04
163	8.92580D-03	-3.66966D-04	4.59678D-03	-2.41857D-04	-3.21552D-04	1.11910D-04
164	7.73979D-03	-6.81178D-04	1.00672D-03	-2.38332D-04	-3.25572D-04	1.06000D-04
165	3.58132D-03	-2.38741D-03	-1.70645D-02	-2.25849D-04	-1.88798D-04	5.18033D-05
166	8.42584D-02	3.08871D-01	-1.39982D-01	-1.71648D-03	6.84434D-03	3.60178D-03
167	2.08839D-02	3.08146D-01	-1.70336D-01	-2.00412D-03	6.90813D-03	3.80461D-03
168	6.99570D-02	2.81033D-01	-9.72628D-02	-1.95566D-03	6.87739D-03	4.11286D-03
169	8.63953D-02	2.18714D-01	-1.83657D-02	-2.68710D-03	4.02649D-03	6.38624D-03
170	7.89677D-02	-4.33104D-02	-4.84168D-02	-5.58310D-03	-3.97329D-03	8.58420D-03
171	1.14542D-01	-4.33241D-02	-2.93011D-02	-5.92542D-03	-3.97329D-03	1.24550D-02
172	1.51424D-01	-4.33347D-02	-1.30650D-02	-6.12451D-03	-3.97329D-03	1.46261D-02
173	2.27424D-01	-4.33400D-02	1.84222D-02	-6.15163D-03	-3.97329D-03	1.48992D-02
174	3.28722D-01	-4.33410D-02	6.00789D-02	-6.17953D-03	-3.97329D-03	1.50519D-02
175	7.32820D-02	-8.63290D-02	-7.42434D-02	-6.18525D-03	-4.47775D-03	8.29666D-03

176	4.31192D-02	-1.40270D-01	7.70214D-07	-1.53904D-02	-2.76385D-03	-4.44777D-03
177	-4.03054D-02	-5.83343D-07	1.94521D-01	-1.51749D-02	-2.45149D-03	-1.12803D-02
178	-4.00505D-02	2.03677D-01	4.26283D-07	-9.73215D-03	-4.78725D-04	4.70797D-03
179	1.23794D-02	-2.73840D-07	-4.61187D-02	-1.90606D-03	-1.27677D-03	-3.91021D-03
180	1.54824D-03	-1.48420D-02	-5.47822D-03	-2.91736D-03	6.26839D-04	3.53679D-04
181	5.65388D-05	-2.59920D-02	-1.85054D-04	-2.83772D-03	4.78234D-04	1.69180D-04
182	9.40138D-05	3.78708D-03	2.83233D-03	-1.81219D-03	-1.72778D-04	-2.44731D-03
183	4.80485D-04	1.65953D-02	1.67330D-03	-1.79684D-03	-1.71128D-04	-2.48824D-03
184	2.12058D-02	3.24514D-02	-1.27894D-02	-1.71131D-03	-2.82232D-04	-2.76370D-03
185	1.32778D-03	4.90200D-02	-9.51019D-04	-1.77433D-03	-1.45212D-04	-2.52632D-03
186	1.32557D-03	4.51330D-02	-2.24607D-03	-1.83231D-03	-4.58304D-06	-1.40843D-03
187	1.43638D-03	4.04740D-02	-2.32934D-03	-1.73132D-03	-1.71077D-05	-1.39781D-03
188	1.61737D-03	3.69546D-02	-2.47973D-03	-1.60326D-03	-2.62705D-05	-1.41732D-03
189	5.52752D-03	1.49527D-02	-4.23547D-03	-6.65033D-04	-5.28448D-05	-9.62271D-04
190	3.55100D-03	-3.10460D-08	-1.33629D-07	-2.12139D-04	2.09648D-04	-2.08373D-05
191	3.83454D-03	8.60974D-08	2.93364D-03	-1.97912D-04	-1.05931D-04	-1.65919D-05
192	3.84162D-03	1.69489D-04	2.20330D-03	-1.97348D-04	-1.10009D-04	-1.92487D-05
193	4.07966D-03	5.13127D-04	-1.49809D-03	-2.91662D-04	-1.46337D-04	-2.67915D-05
194	3.86379D-03	1.09258D-04	1.20835D-03	-1.33662D-05	-8.60053D-05	4.59032D-05
195	9.26836D-04	4.03220D-05	2.95204D-04	-4.55635D-06	-5.08518D-05	2.04607D-05
196	1.54128D-02	1.05832D-03	-6.86487D-04	1.07750D-03	-5.24673D-04	-2.25833D-04
197	1.96825D-02	1.44876D-03	1.84080D-02	1.13130D-03	-5.29447D-04	-2.43945D-04
198	2.10944D-02	9.50829D-03	8.22187D-03	1.14379D-03	-5.45238D-04	-2.16232D-04
199	5.58702D-02	5.01537D-02	1.70832D-02	4.53006D-04	6.11632D-04	3.49750D-04
200	5.10670D-02	4.44983D-02	3.33701D-02	1.63111D-04	1.12488D-03	5.16332D-04
201	5.34915D-02	4.45093D-02	3.35464D-02	-2.00510D-04	1.27067D-03	8.37213D-04
202	5.53305D-02	4.45159D-02	3.41348D-02	-3.23291D-04	1.36148D-03	8.71124D-04
203	5.66700D-02	4.16952D-02	4.13456D-02	-3.44515D-04	1.51810D-03	4.51414D-04
204	5.34279D-02	3.83432D-02	5.20869D-02	-4.21543D-04	1.28733D-03	4.06320D-04
205	5.11466D-02	3.38069D-02	5.95279D-02	-5.75603D-04	1.11078D-03	6.51606D-04
206	4.45399D-02	3.37970D-02	5.51758D-02	-1.28885D-04	1.19433D-03	6.91573D-04
207	3.53460D-02	1.10220D-03	8.58547D-02	-6.19901D-04	1.95413D-04	7.31686D-04
208	6.89695D-02	2.78726D-07	-2.46539D-02	-1.08869D-03	-1.35653D-03	-2.00635D-03
209	-3.02626D-02	2.44695D-02	1.38495D-02	4.07495D-04	-4.36081D-04	-1.26157D-03
210	-2.65800D-02	2.35399D-02	1.53736D-02	3.84422D-04	-4.36110D-04	-1.26857D-03
211	5.56160D-04	2.25332D-02	2.49517D-02	4.28760D-04	-4.37645D-04	-1.26817D-03
212	-2.29615D-02	2.21096D-02	1.68425D-02	3.26664D-04	-4.31956D-04	-1.27052D-03
213	-8.66403D-03	3.48000D-07	2.27058D-02	-2.37153D-04	-3.13801D-04	-1.03804D-03
214	5.44114D-03	-8.02476D-08	2.82750D-03	2.99879D-04	5.56084D-05	-2.42850D-04
215	1.04548D-03	5.52517D-04	6.83832D-04	-6.98365D-05	2.45677D-05	-2.82004D-05
216	8.08519D-04	-1.54276D-05	8.95280D-04	-5.96611D-05	1.94427D-05	-6.97863D-06
217	8.11501D-04	-2.74731D-04	4.05708D-04	-5.33169D-05	2.64836D-05	-1.61721D-05
218	5.27173D-04	-5.97921D-04	1.57892D-08	-8.18738D-07	5.56955D-05	-6.13251D-06
219	1.86077D-04	-6.12306D-04	-9.68992D-05	1.91394D-06	3.33906D-05	-3.93225D-06
220	1.58218D-04	-6.12378D-04	-1.00760D-04	1.90967D-06	3.32507D-05	-3.93497D-06
221	1.50376D-04	-6.33740D-04	-2.81975D-04	1.90952D-06	3.32547D-05	-3.94423D-06
222	1.50325D-04	-6.12423D-04	-1.04554D-04	1.90537D-06	3.31070D-05	-3.93069D-06
223	8.79964D-05	-6.13671D-04	-1.33557D-04	1.83571D-06	2.85243D-05	-3.70218D-06
224	8.05641D-05	-6.13707D-04	-1.37198D-04	1.83574D-06	2.83805D-05	-3.69202D-06
225	7.37746D-05	-6.33768D-04	-2.91957D-04	1.83559D-06	2.83847D-05	-3.70135D-06
226	7.31422D-05	-6.13717D-04	-1.40781D-04	1.83703D-06	2.82328D-05	-3.67410D-06
227	9.10077D-05	-3.20244D-04	-2.58816D-04	-7.49622D-06	-4.53484D-06	5.02847D-06
228	8.05527D-04	7.59397D-09	1.12290D-03	-5.79179D-05	1.35097D-05	1.04854D-06
229	8.32266D-04	-2.80547D-05	1.55420D-03	-4.77289D-05	8.79058D-06	3.59552D-06
230	8.45606D-04	-2.80434D-05	1.73390D-03	-4.11294D-05	7.89033D-06	2.45568D-06
231	1.22270D-08	-8.48628D-04	6.44887D-09	-4.31394D-05	-1.71716D-05	3.43751D-05
232	-1.49403D-03	-8.22504D-04	-1.26698D-03	4.03685D-05	-4.89428D-05	-2.76781D-05
233	-1.43766D-03	-8.22354D-04	-1.18531D-03	4.05700D-05	-4.90060D-05	-2.78231D-05
234	-1.71208D-03	-1.03636D-03	-1.20831D-03	4.05861D-05	-4.90320D-05	-2.78236D-05
235	-1.38066D-03	-8.22162D-04	-1.10302D-03	4.07432D-05	-4.90442D-05	-2.79475D-05

236	-2.05485D-11	-2.75213D-05	-2.09921D-10	3.71069D-05	-1.63321D-05	-1.04779D-05
237	-1.04898D-05	-2.75145D-05	-3.73085D-05	3.68214D-05	-1.65571D-05	-1.03838D-05
238	-7.24775D-05	-2.75030D-05	-2.57417D-04	3.63226D-05	-1.68475D-05	-1.02401D-05
239	-7.25024D-05	3.71361D-05	-3.64724D-04	3.63226D-05	-1.69770D-05	-1.02541D-05
240	-1.33334D-04	-2.75040D-05	-4.73500D-04	3.57189D-05	-1.68172D-05	-1.00557D-05
241	-1.73306D-07	4.28773D-09	-1.56049D-05	-3.45710D-06	-2.24897D-06	1.75381D-07
242	2.62132D-07	-7.76717D-07	9.11634D-08	-2.10938D-06	-5.63877D-07	-1.12685D-07
243	3.18448D-07	7.85049D-07	-3.41260D-06	-2.10921D-06	-3.16260D-07	-1.12469D-07
244	4.66403D-07	2.20202D-06	1.23750D-07	1.08024D-07	-2.96721D-08	-3.03702D-07
245	2.53765D-07	1.26339D-06	8.51893D-08	1.41727D-07	-3.15915D-08	-2.19158D-07
246	1.63955D-06	1.26382D-06	9.81301D-07	1.42085D-07	-3.15915D-08	-2.19722D-07
247	5.66055D-08	3.10810D-07	4.63070D-08	1.11822D-07	-2.34772D-08	-1.33219D-07
248	-1.60438D-06	-2.20004D-06	-2.75669D-07	1.07798D-07	-9.87582D-08	-3.01617D-07
249	-8.72178D-07	-1.26266D-06	-1.89109D-07	1.41504D-07	-1.08022D-07	-2.16947D-07
250	4.96054D-07	-1.26311D-06	7.04856D-07	1.41780D-07	-1.08022D-07	-2.17110D-07
251	-1.95587D-07	-3.10896D-07	-1.02795D-07	1.11712D-07	-8.05090D-08	-1.31875D-07
252	2.69267D-02	2.04107D-02	9.94417D-03	1.24414D-03	-8.64379D-04	-1.38439D-04

M O D A L A N A L Y S I S

MODE NUMBER 42
FREQUENCY= 29.9534 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-7.92146D-02	6.43694D-02	2.14037D-02	5.82618D-04	1.10410D-03	-1.21100D-03
3	-6.77375D-02	7.70659D-02	3.19174D-02	3.83676D-04	5.78373D-04	-2.23029D-03
4	-2.62716D-02	7.69890D-02	3.85081D-02	3.48832D-04	5.92329D-04	-2.32049D-03
5	8.50545D-03	6.40796D-02	3.87872D-02	1.90887D-04	6.47874D-04	-2.42967D-03
6	1.36213D-02	2.22044D-02	2.28682D-02	4.99870D-04	7.97286D-04	-1.67208D-03
7	-5.10474D-03	-1.70278D-02	-1.22693D-02	9.69912D-04	6.44245D-04	-7.84069D-04
8	-1.23540D-02	3.78527D-02	-2.84176D-02	9.17637D-04	-4.25991D-04	-3.61547D-04
9	2.99576D-02	1.12526D-02	1.33047D-02	2.01205D-04	-1.64922D-04	-8.98185D-04
10	3.10078D-02	6.09283D-07	1.40259D-02	1.60935D-04	1.72392D-05	-1.00969D-03
11	-7.09539D-04	-2.28472D-02	1.50726D-03	3.87447D-04	4.32020D-04	-1.31758D-03
12	-3.62378D-02	-2.08621D-06	1.04244D-03	-2.76755D-05	4.17880D-04	-8.62517D-04
13	-3.86245D-02	-2.47370D-03	-3.44534D-03	-1.01096D-03	-5.47279D-04	-1.97506D-04
14	-3.87610D-02	-6.97714D-03	1.36426D-02	-9.33637D-04	7.25929D-04	9.65652D-05
15	9.88713D-03	-7.45002D-02	1.39998D-02	-7.91965D-04	-1.11113D-03	-1.67392D-03
16	2.87420D-02	-4.10734D-02	2.14252D-03	-5.73537D-04	-1.19322D-04	-2.61766D-03
17	2.99084D-02	2.01340D-01	4.08801D-02	-6.55979D-04	6.39084D-04	-1.52996D-03
18	3.39234D-02	2.17135D-01	5.03123D-02	-4.66547D-04	5.59159D-04	-9.89123D-05
19	4.03195D-02	2.19461D-01	5.65515D-02	-5.98857D-04	4.33789D-04	6.99347D-04
20	4.23555D-02	2.02046D-01	5.98176D-02	-5.17774D-04	2.70792D-06	1.94632D-03
21	4.27251D-02	6.07356D-02	4.47986D-02	-8.86208D-04	-4.19654D-04	2.65754D-03
22	1.22158D-02	6.76817D-03	1.67607D-02	-7.41334D-04	-4.16006D-04	9.77900D-04
23	-5.78151D-10	3.26775D-09	1.08595D-09	-1.01439D-07	-2.58043D-08	7.00057D-08
25	8.81115D-03	-2.08111D-03	2.81909D-03	-6.88594D-05	-1.46779D-04	8.83871D-05
26	9.55802D-03	-3.71156D-03	6.84140D-04	-1.98888D-04	-1.46346D-04	1.50356D-04
27	7.84095D-03	-3.70862D-03	-1.54356D-03	-2.06909D-04	-1.52552D-04	1.55168D-04
28	4.61753D-03	-1.11833D-03	-3.92100D-03	-3.01011D-04	-1.51552D-04	5.34065D-05
29	4.60487D-03	-5.65994D-04	-2.22039D-03	-3.13448D-04	-1.54135D-04	4.15799D-05
30	3.92812D-03	7.95711D-03	-2.71822D-02	-6.44641D-04	1.53049D-04	8.03127D-05
31	9.99414D-03	-3.05111D-03	2.06977D-02	-1.02226D-03	5.51581D-05	6.92697D-04
32	2.42897D-02	6.55209D-03	3.49532D-02	-5.38596D-05	-4.77460D-04	1.10405D-03
33	4.13850D-02	1.49020D-02	3.45818D-02	3.39918D-04	-5.81222D-04	1.35127D-03
34	6.31643D-02	-9.86938D-02	1.24830D-02	7.64292D-04	3.45380D-04	1.67802D-03
35	5.35999D-02	-9.23402D-02	1.57028D-02	1.37957D-03	8.73913D-04	1.33363D-03
36	2.46167D-02	4.74134D-03	1.69495D-02	4.58377D-04	7.93953D-04	-1.36160D-03
37	3.54631D-02	-1.54114D-03	1.54732D-02	-2.83120D-05	2.40181D-04	-9.86329D-05
38	-1.33323D-03	-1.44596D-03	1.23239D-02	1.93027D-04	-5.82872D-04	7.74435D-05
39	-2.94253D-03	1.22671D-02	4.40075D-03	3.38615D-04	3.07996D-04	-4.02458D-04
40	-2.55265D-03	1.32679D-02	2.31849D-03	7.69947D-04	2.07979D-04	1.96391D-04
41	-1.01880D-03	1.32858D-02	-3.29747D-03	8.33828D-04	1.88552D-04	2.29876D-04
42	1.64511D-03	2.42248D-02	-1.30201D-02	1.31673D-03	-9.82770D-06	5.04363D-04
43	2.00273D-03	4.59621D-02	-1.30406D-02	1.29383D-03	-2.83891D-05	5.85721D-04
44	2.38369D-03	4.91439D-02	-1.34045D-02	9.19572D-04	-1.08097D-05	9.55155D-04
45	2.35294D-03	1.94882D-02	-7.08204D-03	-4.88609D-04	-7.83565D-05	-3.96762D-04
46	2.36243D-03	2.00923D-02	-7.19224D-03	-5.31574D-04	1.95483D-07	-2.05416D-04
47	-3.75031D-04	5.89474D-02	3.57852D-03	-1.14929D-03	-7.59679D-05	-1.60369D-03
48	-1.20803D-04	6.33622D-02	3.15740D-03	-1.36519D-03	-4.78862D-05	-1.24429D-03
49	5.15097D-03	2.59987D-02	-1.55892D-03	-7.00062D-04	-2.45521D-05	-8.61509D-04
50	4.74221D-03	1.24188D-02	-1.78306D-03	-4.29929D-04	4.67291D-05	-6.69995D-04
51	4.54949D-03	7.74914D-03	-1.99732D-03	-4.21795D-04	4.76257D-05	-6.50528D-04

52	4.39797D-05	1.78999D-06	-2.15136D-05	-8.66843D-06	5.19604D-07	-1.65361D-05
53	1.71911D-11	1.49417D-11	-6.58199D-12	-9.89734D-10	4.50302D-11	-1.89731D-09
54	1.24453D-02	-4.09855D-04	8.05877D-03	6.66884D-04	-4.00825D-04	-2.13949D-04
55	3.50924D-02	2.02332D-02	1.48404D-02	5.80212D-04	-9.72199D-04	-1.56632D-05
56	4.39575D-02	2.30818D-02	1.22325D-02	4.70107D-05	4.22218D-05	3.15339D-04
57	5.18060D-02	9.75440D-03	-1.30069D-02	-5.37759D-04	-7.85784D-04	-2.10377D-03
58	3.04889D-02	3.03452D-02	-1.14587D-02	-9.73471D-04	-2.45977D-04	-2.12337D-03
59	-8.85220D-04	3.14275D-02	5.27691D-03	-1.13279D-03	-8.87707D-05	-1.64398D-03
60	4.16046D-02	1.14314D-02	2.29721D-02	4.94569D-04	-7.05932D-05	-2.88067D-04
61	2.32916D-02	2.26540D-02	2.83685D-02	-2.07879D-04	6.61211D-04	1.26502D-03
62	-7.00500D-03	-6.57027D-03	1.64792D-02	-1.24615D-03	9.55756D-05	8.47863D-04
63	-6.74886D-03	-1.06645D-02	1.73832D-02	-1.45381D-03	-9.72055D-05	3.61827D-04
64	-6.53670D-03	3.08128D-03	2.37987D-02	-1.40923D-03	-6.43451D-05	-5.34356D-06
65	1.80464D-03	-2.06060D-03	4.68283D-03	-1.20688D-03	-1.49399D-04	-7.33428D-04
66	2.38336D-02	-2.06164D-03	-3.00060D-02	-1.06069D-03	-2.00644D-04	-6.64250D-04
67	2.94506D-02	-2.28412D-03	-3.65981D-02	5.52418D-04	-1.08264D-04	5.31664D-04
68	2.15092D-02	1.05478D-01	-4.00694D-02	-9.44038D-04	3.23695D-04	4.90939D-04
69	1.78879D-02	9.27266D-02	-4.08378D-02	-2.37807D-03	5.83131D-04	4.67585D-05
70	-4.06728D-03	-8.45539D-03	-4.03259D-02	-2.22086D-03	3.21917D-04	-4.26633D-04
71	-7.99693D-03	-2.30786D-02	-2.58365D-02	-2.10918D-03	-4.84640D-04	-6.69084D-04
72	-1.31658D-02	-2.60054D-02	-3.89706D-03	-6.36417D-04	-1.13025D-04	-7.04352D-05
73	4.82349D-03	-2.68022D-02	-2.42868D-02	4.57903D-04	-1.07929D-04	2.65678D-04
74	8.85687D-03	-2.25702D-02	-2.56171D-02	1.15380D-04	-3.49990D-04	3.53441D-04
76	-4.21036D-03	2.13616D-03	-2.51752D-02	-1.80414D-03	6.07237D-04	-2.55405D-04
77	-4.31829D-03	7.38057D-03	-6.83964D-03	-1.50720D-03	7.64467D-04	-1.79250D-04
78	-1.23158D-03	9.41099D-03	6.76740D-04	-2.50435D-04	1.75082D-03	-4.24614D-04
79	4.97236D-02	8.18696D-03	6.70950D-03	-1.51083D-04	2.15532D-03	8.59605D-04
80	3.60677D-03	1.26474D-03	2.62353D-05	-1.03961D-04	3.24903D-04	1.84102D-04
82	1.56132D-03	2.13360D-03	-5.59090D-03	3.83195D-04	2.29523D-04	1.03487D-04
83	1.46003D-03	2.39617D-03	-8.07085D-03	1.09633D-04	1.11595D-04	-9.37844D-05
84	8.74599D-04	8.60030D-04	-9.72515D-03	-2.94835D-05	8.86180D-05	-9.77349D-05
85	3.56158D-04	2.18823D-04	-9.36273D-03	-1.83214D-04	9.38487D-06	-3.25145D-05
86	7.62269D-06	1.91181D-04	-4.76500D-05	-1.01378D-04	4.51396D-07	-1.17380D-05
87	-2.39267D-06	1.27027D-04	-9.93747D-06	-4.44624D-05	-4.95940D-06	-1.93577D-05
88	-1.22140D-05	1.47535D-04	-1.98873D-06	6.42185D-06	4.68880D-07	-1.80788D-05
90	-1.92401D-06	1.56218D-04	-9.08390D-06	-5.94649D-05	4.66764D-06	-7.49885D-06
91	-1.10915D-05	3.46508D-05	-1.78292D-06	-7.90576D-06	-4.11768D-07	-1.11741D-05
93	-1.28096D-02	1.03352D-02	3.48983D-03	4.24449D-04	6.76301D-04	-4.55744D-04
94	-5.77598D-02	4.68112D-02	1.56180D-02	6.16728D-04	1.08780D-03	-1.01047D-03
95	1.77468D-02	3.70836D-02	3.06205D-02	4.52866D-04	7.88818D-04	-1.78950D-03
96	2.03492D-02	1.12289D-02	1.92583D-02	4.70212D-04	8.05756D-04	-1.48022D-03
97	9.42706D-03	8.91120D-03	1.50033D-02	5.80158D-04	7.94638D-04	-1.51957D-03
98	6.16151D-03	7.22688D-07	8.88172D-03	6.62581D-04	7.82615D-04	-1.36401D-03
99	5.99436D-03	4.26002D-02	-1.02558D-02	4.92568D-04	-6.24068D-04	-7.17355D-04
100	1.79927D-02	3.38126D-02	1.65904D-03	2.85675D-04	-5.40996D-04	-8.81014D-04
101	2.80653D-02	1.72440D-02	1.14888D-02	1.90088D-04	-2.86114D-04	-9.26658D-04
102	3.08848D-02	4.59381D-03	1.402[illegible]6D-02	1.61988D-04	-5.24699D-05	-9.80936D-04
103	3.70218D-02	1.13363D-02	1.69499D-02	3.86048D-04	-1.21509D-04	-5.82743D-04
104	-4.36067D-03	-1.94043D-02	1.40728D-03	4.03461D-04	4.84555D-04	-1.33512D-03
105	-1.48340D-02	-1.08201D-02	1.34212D-03	4.02991D-04	5.27138D-04	-1.34511D-03
106	2.39761D-02	-1.41811D-02	1.23365D-02	4.52844D-04	5.22944D-04	-1.44680D-03
107	-2.68087D-02	-3.00275D-03	1.20019D-03	2.74583D-04	5.35761D-04	-1.14826D-03
108	-3.86979D-02	-1.30738D-03	-8.50642D-03	-1.13826D-03	-6.23558D-04	-1.71460D-04
109	-3.35801D-02	-7.17030D-03	-8.49525D-03	-5.40648D-04	-8.20194D-04	-3.79280D-04
110	-3.09920D-02	-8.40781D-03	-8.49029D-03	-2.87502D-04	-8.90008D-04	-4.68345D-04
111	-2.65065D-02	-8.82236D-03	-8.48220D-03	1.08668D-04	-9.78578D-04	-6.09366D-04
112	-2.04852D-02	-7.40914D-03	-8.47567D-03	3.59180D-04	-1.01411D-03	-7.00221D-04
113	2.66331D-03	-5.21896D-03	5.60434D-03	6.84859D-04	-1.00252D-03	-8.44220D-04
114	-1.43136D-02	-4.93468D-03	-8.47731D-03	4.43949D-04	-1.03745D-03	-7.08169D-04
115	-1.15621D-02	-3.66808D-03	-8.47839D-03	4.93527D-04	-1.05135D-03	-7.14987D-04

116	-7.97913D-03	-1.88065D-03	-8.47965D-03	5.36408D-04	-1.06323D-03	-7.23753D-04
117	-4.36250D-03	-2.79875D-08	-8.48003D-03	5.48695D-04	-1.06834D-03	-7.23753D-04
118	-1.01488D-02	-1.88060D-03	-1.01692D-02	7.31527D-04	-1.00674D-03	-9.10612D-04
119	3.78698D-03	4.18750D-03	-8.48039D-03	5.49252D-04	-1.06885D-03	-7.23753D-04
120	-1.57894D-02	-1.88044D-03	-1.48832D-02	9.78168D-04	-8.91083D-04	-1.14535D-03
121	-1.80749D-02	6.53470D-04	-1.87790D-02	9.92154D-04	-8.82516D-04	-1.15851D-03
122	-3.87858D-02	1.60065D-06	-1.55024D-02	-1.30244D-03	-6.78414D-04	-1.69865D-04
123	-3.89389D-02	3.66440D-03	-2.94097D-02	-1.61437D-03	-6.49433D-04	-1.69200D-04
124	-3.92440D-02	7.60663D-03	-4.72587D-02	-2.40242D-03	1.68849D-04	1.03059D-04
125	-3.92927D-02	6.22495D-03	-4.44929D-02	-2.56659D-03	4.63973D-04	2.07205D-04
126	-3.93652D-02	5.33108D-04	-3.09316D-02	-2.77017D-03	8.95441D-04	3.65089D-04
127	-5.76949D-02	-6.80327D-03	-1.18451D-01	-3.25111D-03	9.15049D-04	5.98212D-04
128	-3.90749D-02	-4.95106D-03	-5.97482D-03	-1.99557D-03	1.08769D-03	2.13766D-04
129	-3.89658D-02	-5.90279D-03	1.59834D-03	-1.62077D-03	1.02393D-03	1.63097D-04
130	-2.96084D-02	7.21468D-04	1.40089D-02	-3.81088D-04	8.69503D-04	2.88596D-04
131	-4.29613D-02	-1.73312D-02	1.37007D-02	-9.29926D-04	1.89243D-04	-1.59690D-04
132	2.89517D-02	1.22297D-06	2.42249D-03	-5.86791D-04	1.12318D-04	-2.79522D-03
133	4.24762D-02	1.67616D-01	5.83019D-02	-6.21597D-04	-1.72594D-04	2.39798D-03
134	-1.28712D-02	-4.38528D-06	1.45706D-02	5.61814D-04	1.01556D-03	5.85370D-04
135	3.27980D-03	-1.60953D-02	1.50617D-02	1.32024D-03	1.07225D-03	8.47229D-04
136	2.62317D-02	-5.01718D-02	1.55897D-02	1.70821D-03	1.05947D-03	1.06370D-03
137	-9.65797D-04	-5.55149D-02	7.13929D-02	2.01002D-03	1.07639D-03	1.08095D-03
138	4.79158D-02	-8.36944D-02	1.56726D-02	1.48643D-03	9.49689D-04	1.24510D-03
139	6.45679D-02	-5.70565D-02	1.13430D-02	2.45949D-04	-2.18842D-04	1.90337D-03
140	4.95664D-02	-3.08699D-06	2.64288D-02	2.50662D-04	-5.53764D-04	1.56619D-03
141	4.47049D-02	9.37307D-03	3.12765D-02	3.17897D-04	-5.72536D-04	1.41672D-03
142	4.52000D-02	1.37184D-02	3.19204D-0	-5.64267D-04	2.78093D-04	9.51306D-04
143	4.41925D-02	1.39491D-02	3.09770D-02	-8.07734D-04	5.93913D-04	8.86409D-04
144	4.13185D-02	1.34643D-02	2.82048D-02	-1.02693D-03	1.02734D-03	9.50014D-04
145	3.63722D-02	1.31485D-02	2.33389D-02	-1.01880D-03	1.24354D-03	1.14034D-03
146	-3.00565D-02	1.31537D-02	2.52372D-02	5.62199D-04	1.32679D-03	2.97985D-03
147	3.07848D-02	1.11436D-02	1.77493D-02	-1.50015D-03	1.36013D-03	6.92024D-04
148	2.81613D-02	8.85581D-03	1.51253D-02	-1.77508D-03	1.42699D-03	4.45430D-04
149	2.46387D-02	4.76511D-03	1.16021D-02	-2.00489D-03	1.48199D-03	2.52048D-04
150	2.10158D-02	2.35704D-07	7.97868D-03	-2.07548D-03	1.50216D-03	1.81455D-04
151	2.57943D-02	4.76537D-03	1.74925D-02	-2.43971D-03	1.31575D-03	5.93834D-04
152	1.29221D-02	-1.02215D-02	-1.15557D-04	-2.07644D-03	1.50096D-03	1.80492D-04
153	3.03505D-02	4.76580D-03	3.23427D-02	-2.98583D-03	9.75347D-04	1.02365D-03
154	3.27263D-02	1.20161D-03	4.24639D-02	-3.01637D-03	9.50134D-04	1.04789D-03
155	2.12425D-02	2.16993D-06	3.19254D-02	-2.01985D-04	-4.34554D-04	1.04376D-03
156	1.23999D-02	-1.00089D-02	2.31539D-02	-8.11093D-04	-1.87922D-04	8.15260D-04
157	1.02406D-02	-8.68650D-03	2.09749D-02	-9.54361D-04	-9.27255D-05	7.92771D-04
158	-1.24881D-02	-5.84907D-03	-4.92261D-03	-9.72846D-04	-9.45435D-05	8.41824D-04
159	9.75915D-03	-4.40964D-03	2.04798D-02	-1.00686D-03	-3.93039D-06	7.23598D-04
160	1.09901D-02	-9.82588D-07	2.16741D-02	-1.01808D-03	1.54184D-04	6.65265D-04
161	2.34611D-02	5.25567D-03	3.66564D-02	-8.35470D-04	1.12351D-04	6.01489D-04
162	1.57553D-02	1.50633D-07	1.93281D-02	-7.65190D-04	-4.73754D-04	3.02252D-04
163	1.27955D-02	6.39248D-04	1.13109D-02	-7.67348D-04	-5.08828D-04	2.16251D-04
164	1.09307D-02	1.48945D-03	5.69685D-03	-7.65600D-04	-5.10358D-04	1.66777D-04
165	4.41438D-03	7.90005D-03	-2.23251D-02	-7.19038D-04	-2.96721D-04	4.19816D-05
166	-7.02561D-04	-1.44776D-03	1.10299D-02	1.81734D-04	-5.73947D-04	9.80836D-05
167	-2.17601D-03	-1.49282D-03	1.41864D-02	2.03148D-04	-5.82513D-04	7.90354D-05
168	-2.31997D-03	-2.25082D-03	7.67148D-03	1.92988D-04	-5.82875D-04	5.12765D-05
169	-3.76707D-03	-1.97164D-03	8.00872D-04	2.01924D-04	-3.72689D-04	-1.51939D-04
170	-3.69741D-03	8.04912D-03	9.28647D-04	2.90075D-04	2.46768D-04	-4.16296D-04
171	-5.44473D-03	8.05181D-03	-1.36088D-04	3.46585D-04	2.46768D-04	-6.16014D-04
172	-7.27619D-03	8.05391D-03	-1.11768D-03	3.78556D-04	2.46768D-04	-7.28065D-04
173	-1.10613D-02	8.05494D-03	-3.07326D-03	3.82658D-04	2.46768D-04	-7.42165D-04
174	-1.61087D-02	8.05515D-03	-5.66950D-03	3.85446D-04	2.46768D-04	-7.50098D-04
175	-3.33925D-03	1.01662D-02	2.57532D-03	3.12735D-04	2.86214D-04	-4.16960D-04

176	-1.90895D-03	1.32757D-02	-5.67754D-08	7.97382D-04	1.99653D-04	2.11938D-04
177	2.38921D-03	2.95947D-08	-1.08270D-02	5.38453D-04	1.34338D-04	7.12423D-04
178	2.38015D-03	-1.50108D-02	-2.52731D-08	1.82800D-05	2.14448D-05	-2.86859D-04
179	-9.36986D-04	3.24855D-08	3.36863D-03	-8.40085D-04	6.37773D-05	-2.52635D-04
180	-3.86622D-04	2.10808D-02	1.28727D-03	-1.24774D-03	3.70909D-05	-1.73527D-04
181	-5.47846D-04	1.83510D-02	1.79213D-03	-1.31332D-03	6.15171D-05	-5.87788D-05
182	-1.31123D-03	1.33960D-02	6.50671D-03	-1.16290D-03	-7.70016D-05	-1.51856D-03
183	-1.12591D-03	2.12985D-02	5.97406D-03	-1.15058D-03	-8.26532D-05	-1.57102D-03
184	1.28019D-02	3.13033D-02	-2.87416D-03	-1.05467D-03	-1.66708D-04	-1.91573D-03
185	-6.77955D-04	4.22331D-02	4.58766D-03	-1.13349D-03	-8.30821D-05	-1.64701D-03
186	2.37872D-03	3.51115D-02	8.93898D-04	-1.26114D-03	-4.61861D-05	-8.72796D-04
187	2.76450D-03	3.11786D-02	5.43186D-04	-1.19700D-03	-4.83291D-05	-8.67996D-04
188	3.13863D-03	2.80684D-02	2.15044D-04	-1.11080D-03	-4.83094D-05	-8.86524D-04
189	4.64653D-03	1.00903D-02	-1.88827D-03	-4.25961D-04	4.72253D-05	-6.60390D-04
190	4.20905D-03	5.99852D-08	-2.05481D-07	-5.39906D-04	2.81291D-04	6.07771D-05
191	4.58036D-03	-2.64937D-08	5.21549D-04	-3.35268D-04	-1.50503D-04	2.15676D-05
192	4.58980D-03	-1.69287D-04	-4.88859D-04	-3.27164D-04	-1.52927D-04	2.91898D-05
193	4.28460D-03	-5.54198D-04	-5.12193D-03	-2.91343D-04	-1.73703D-04	3.12213D-05
194	6.43831D-03	-1.50255D-03	1.98004D-03	-5.80093D-05	-1.39017D-04	7.10183D-05
195	1.58043D-03	-3.37937D-04	4.88272D-04	-2.84986D-05	-8.52322D-05	3.00870D-05
196	1.09795D-02	-4.12267D-04	3.46040D-03	6.49439D-04	-3.98353D-04	-2.08555D-04
197	1.48820D-02	-1.90746D-04	1.49254D-02	6.77532D-04	-4.01323D-04	-2.24556D-04
198	1.55472D-02	4.37389D-03	8.99674D-03	6.68420D-04	-4.13078D-04	-2.02150D-04
199	4.36855D-02	2.02170D-02	1.33575D-02	-3.17076D-05	2.76610D-04	3.58237D-04
200	4.10500D-02	1.27163D-02	2.23929D-02	-1.88463D-04	6.68323D-04	4.41750D-04
201	4.29946D-02	1.27217D-02	2.35039D-02	-4.36055D-04	7.71015D-04	6.60083D-04
202	4.44347D-02	1.27249D-02	2.45229D-02	-5.20698D-04	8.34980D-04	6.87660D-04
203	4.58628D-02	1.00298D-02	3.03041D-02	-5.35869D-04	9.46999D-04	4.15915D-04
204	4.38458D-02	6.52102D-03	3.69867D-02	-5.56257D-04	7.92673D-04	2.98105D-04
205	4.24449D-02	2.88029D-03	4.15260D-02	-6.67622D-04	6.80170D-04	5.01674D-04
206	3.70119D-02	2.88779D-03	3.59213D-02	-3.34339D-04	7.62221D-04	4.93777D-04
207	3.07840D-02	-2.03528D-02	5.66623D-02	-5.77812D-04	1.72862D-04	4.45576D-04
208	5.06066D-02	3.05259D-07	-8.97512D-03	-5.54837D-04	-8.29734D-04	-1.93330D-03
209	1.21811D-02	2.61058D-02	2.41132D-02	-5.84766D-04	5.35589D-04	1.43258D-03
210	7.72450D-03	2.59470D-02	2.23421D-02	-6.33902D-04	5.10423D-04	1.44489D-03
211	-2.42552D-02	2.73194D-02	8.68933D-03	-6.18060D-04	5.09206D-04	1.49294D-03
212	3.61149D-03	2.51147D-02	2.06867D-02	-6.90936D-04	4.83966D-04	1.40872D-03
213	-6.30321D-03	2.95071D-07	1.67549D-02	-1.24833D-03	1.25683D-04	9.00877D-04
214	2.97496D-02	1.02751D-07	-3.64278D-02	5.74736D-04	-1.06570D-04	5.59391D-04
215	-3.70086D-05	1.44654D-02	-4.04575D-02	-2.42323D-03	4.52779D-04	-3.14149D-04
216	-4.11283D-03	-4.53602D-03	-3.66256D-02	-2.09063D-03	4.15785D-04	-3.67718D-04
217	-4.07309D-03	-1.37981D-02	-4.20873D-02	-2.15024D-03	1.66881D-04	-5.09772D-04
218	-1.34881D-02	-2.60675D-02	-7.64508D-07	-5.14592D-04	-1.12177D-04	-3.65753D-05
219	-2.49382D-03	-2.67295D-02	-1.09277D-02	4.63927D-04	-1.00868D-04	2.43410D-04
220	-2.00305D-03	-2.67328D-02	-1.18676D-02	4.64823D-04	-1.00797D-04	2.44056D-04
221	-1.92003D-03	-2.53288D-02	-1.14486D-02	4.64816D-04	-1.00617D-04	2.43659D-04
222	-1.51033D-03	-2.67350D-02	-1.28065D-02	4.65534D-04	-1.00898D-04	2.44926D-04
223	2.68756D-03	-2.67953D-02	-2.05551D-02	4.65938D-04	-1.04118D-04	2.62197D-04
224	3.21585D-03	-2.67971D-02	-2.14935D-02	4.65266D-04	-1.04219D-04	2.62411D-04
225	3.30476D-03	-2.52932D-02	-2.10622D-02	4.65267D-04	-1.03892D-04	2.62018D-04
226	3.74405D-03	-2.67977D-02	-2.24256D-02	4.64502D-04	-1.04633D-04	2.62849D-04
227	4.87099D-03	-1.23733D-02	-1.41157D-02	4.41821D-05	-3.47081D-04	3.21815D-04
228	-4.17505D-03	-3.56567D-08	-2.98742D-02	-1.90912D-03	5.40709D-04	-2.93192D-04
229	-5.71296D-03	2.13718D-03	-1.46321D-02	-1.52651D-03	5.87476D-04	-2.11541D-04
230	-6.50504D-03	2.13776D-03	-8.88109D-03	-1.36763D-03	5.75077D-04	-1.81122D-04
231	2.19634D-07	9.40365D-03	-9.71256D-08	-2.33564D-04	1.75558D-03	-4.37642D-04
232	5.72461D-02	8.22731D-03	7.92842D-03	-1.29504D-04	2.15669D-03	8.04759D-04
233	5.55972D-02	8.22385D-03	7.66417D-03	-1.31761D-04	2.15748D-03	8.11718D-04
234	6.75676D-02	8.74221D-03	8.24065D-03	-1.31904D-04	2.15854D-03	8.11762D-04
235	5.39200D-02	8.22001D-03	7.39373D-03	-1.33837D-04	2.15726D-03	8.17875D-04

236	1.65339D-09	2.13540D-03	4.24153D-09	4.12121D-04	2.41468D-04	1.17172D-04
237	1.18068D-04	2.13522D-03	-4.11779D-04	4.06793D-04	2.38368D-04	1.14766D-04
238	7.99091D-04	2.13490D-03	-2.83384D-03	3.99038D-04	2.34369D-04	1.10866D-04
239	7.99374D-04	1.44134D-03	-1.36194D-03	3.99038D-04	2.33856D-04	1.10323D-04
240	1.45489D-03	2.13409D-03	-5.20338D-03	3.90252D-04	2.31639D-04	1.06915D-04
241	4.21690D-05	1.93581D-04	-5.42133D 04	-1.31438D-04	1.21912D-06	-6.92727D-06
242	7.98122D-06	1.15635D-04	-3.60461D-05	-7.72218D-05	-2.36913D-06	-1.45441D-05
243	7.94372D-06	2.43140D-04	-3.42102D-05	-8.35595D-05	2.83512D-06	-9.88962D-06
244	-1.11919D-05	1.35470D-04	-1.66938D-06	8.38325D-06	6.66797D-07	-1.48653D-05
245	-6.04695D-06	7.36971D-05	-1.13308D-06	9.14511D-06	7.49831D-07	-1.07194D-05
246	6.16944D-05	7.37232D-05	5.66736D-05	9.16645D-06	7.49831D-07	-1.07426D-05
247	-1.35437D-06	1.64942D-05	-6.15919D-07	6.80852D-06	5.58473D-07	-6.51594D-06
248	-1.01809D-05	2.95609D-05	-1.50477D-06	-5.45127D-06	-5.95762D-07	-9.18714D-06
249	-5.55566D-06	7.67515D-06	-1.03766D-06	-2.88683D-06	-6.78867D-07	-6.62360D-06
250	3.62962D-05	7.67785D-06	-1.92900D-05	-2.89407D-06	-6.78867D-07	-6.63726D-06
251	-1.26306D-06	-1.88836D-06	-5.64050D-07	-1.33850D-06	-5.09832 - 7	- 26D-06
252	1.99680D-02	1.01660D-02	1.03010D-02	6.55834D-04	-6.61324D-04	-1.28246D-04

3

6

6

1.38066D 03 8.22162D 04 1.10302D 03 4.07432D 05 4.90442D 05 2.79475D 05

M O D A L A N A L Y S I S

MODE NUMBER 43
FREQUENCY= 30.0127 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-2.93483D-02	2.97264D-02	7.87103D-03	2.77064D-04	3.55949D-04	-2.98964D-04
3	-2.57991D-02	3.18812D-02	7.02447D-03	-3.41237D-04	-5.00581D-05	-5.35939D-04
4	-1.59213D-02	3.18599D-02	4.67278D-04	-3.84788D-04	-9.68992D-05	-5.49234D-04
5	-7.14524D-03	2.71779D-02	-6.33543D-03	-5.68487D-04	-1.03778D-04	-5.55723D-04
6	-1.73045D-03	1.02223D-02	-5.99345D-03	-5.30295D-04	-2.07399D-04	-3.28987D-04
7	3.94777D-03	-5.80170D-03	4.38094D-03	-1.73655D-04	-2.12367D-04	6.84663D-05
8	1.00428D-02	2.22587D-02	1.38481D-02	5.21478D-05	8.30238D-05	1.17166D-04
9	-5.72388D-04	4.19690D-03	3.07217D-03	-3.11437D-05	1.16345D-04	-2.67567D-04
10	-2.04845D-03	3.22683D-07	1.49992D-03	3.31235D-07	1.08076D-04	-2.66771D-04
11	-2.47136D-03	-3.85468D-04	-8.61968D-04	4.94085D-05	-1.87924D-05	-2.60731D-04
12	-4.00652D-03	-2.43243D-07	-9.41759D-04	-4.40279D-05	3.99438D-05	-1.70247D-04
13	-4.47949D-03	-3.84303D-04	-1.08177D-03	-1.49869D-04	-3.82002D-05	-3.67313D-05
14	-4.54164D-03	-1.48494D-03	2.67414D-03	-1.09696D-04	8.50348D-05	-4.86221D-06
15	-6.67603D-04	-7.50453D-03	2.70547D-03	-5.36657D-05	-1.07029D-04	-1.62890D-04
16	1.36546D-03	-3.78255D-03	1.19269D-03	-2.79836D-05	-3.66033D-05	-2.42411D-04
17	1.48862D-03	1.74770D-02	2.42766D-03	-3.26918D-05	4.47452D-05	-1.27380D-04
18	1.83792D-03	1.86060D-02	3.19327D-03	-1.60645D-05	5.18355D-05	-3.11386D-06
19	2.47468D-03	1.84578D-02	3.81069D-03	-2.80554D-05	4.48727D-05	6.51320D-05
20	2.71379D-03	1.67616D-02	4.23378D-03	-2.33430D-05	9.73210D-06	1.69181D-04
21	2.76780D-03	4.75399D-03	3.42867D-03	-6.12837D-05	-2.95455D-05	2.19368D-04
22	5.49385D-04	5.30489D-04	1.29378D-03	-5.62396D-05	-3.81255D-05	6.50006D-05
23	-1.22394D-10	2.85688D-10	8.05848D-11	-7.89206D-09	-2.93798D-09	3.20553D-09
25	2.28682D-02	-2.87373D-02	6.81382D-03	-5.06424D-04	-3.09259D-04	3.22974D-05
26	2.13643D-02	-4.16985D-02	-8.39050D-03	-7.59684D-04	1.19264D-04	4.03573D-04
27	1.68148D-02	-4.16710D-02	-1.68518D-02	-7.37286D-04	1.54242D-04	4.34008D-04
28	2.52088D-03	-2.45285D-02	-2.89964D-02	-2.12397D-04	-4.46841D-06	8.54231D-04
29	2.52146D-03	-1.49228D-02	-2.90105D-02	-1.32632D-04	-1.10786D-05	8.30435D-04
30	2.31849D-03	1.56203D-02	-2.03941D-02	-3.49893D-04	1.84920D-04	1.94812D-04
31	5.95472D-03	-1.57524D-04	8.74230D-03	-3.40110D-04	1.76822D-04	3.20653D-04
32	1.86183D-03	8.44679D-04	4.68041D-03	-9.03590D-05	-3.54936D-05	2.21740D-04
33	3.61893D-03	1.30203D-03	4.63129D-03	5.22597D-05	-5.80857D-05	1.65753D-04
34	5.75502D-03	-7.25552D-03	2.57379D-03	6.31361D-05	2.92959D-05	1.11880D-04
35	4.94394D-03	-6.58900D-03	2.85346D-03	1.07263D-04	7.81562D-05	7.33774D-05
36	-3.58617D-03	2.19934D-02	-4.97867D-03	-1.05330D-03	-9.25552D-05	-6.08561D-05
37	-1.28320D-03	3.06602D-02	-1.32116D-02	-4.13738D-04	1.33718D-04	-4.72071D-04
38	2.09758D-02	3.21715D-02	-1.54677D-02	-1.85791D-04	5.54531D-04	6.60703D-04
39	1.99580D-02	-4.44324D-02	-1.70700D-02	-8.94033D-04	-5.04159D-04	1.28000D-03
40	1.68508D-02	-4.58638D-02	-6.48586D-03	-2.13538D-03	-1.29367D-04	-9.21049D-04
41	9.96753D-03	-4.59162D-02	8.98168D-03	-2.25715D-03	-8.99932D-05	-9.76259D-04
42	-1.38932D-03	-7.14771D-02	3.29684D-02	-2.85461D-03	2.24291D-04	-1.35289D-03
43	-5.40564D-03	-1.17584D-01	3.30190D-02	-2.65809D-03	2.48639D-04	-1.44596D-03
44	-7.46713D-03	-1.18215D-01	3.46530D-02	-1.28544D-03	5.08922D-05	-2.34756D-03
45	-7.36561D-03	-5.61348D-02	2.22304D-02	4.87397D-03	2.08361D-04	1.26998D-03
46	-7.37808D-03	-5.70464D-02	2.24615D-02	5.00855D-03	-4.67203D-05	8.79341D-04
47	-2.67848D-03	-5.01055D-01	-1.4299 D-02	9.30056D-03	6.24589D-04	1.36299D-02
48	-4.47752D-03	-5.39841D-01	-1.12418D-02	1.12572D-02	2.73674D-04	1.04148D-02
49	-3.62834D-02	-2.16444D-01	1.69272D-02	5.86669D-03	2.30090D-04	7.04646D-03
50	-3.60309D-02	-1.02361D-01	1.80291D-02	3.65401D-03	-1.85676D-04	5.43611D-03
51	-3.52628D-02	-6.38292D-02	1.88604D-02	3.58925D-03	-1.95889D-04	5.27169D-03

52	-3.29374D-04	-1.41806D-05	2.07440D-04	7.52621D-05	8.93024D-06	1.32061D-04
53	-1.02829D-10	-1.18371D-10	8.97071D-11	8.65831D-09	7.73918D-10	1.50834D-08
54	-1.00593D-01	-1.89478D-02	-7.60109D-02	-6.11709D-03	3.42979D-03	1.20467D-03
55	-2.96906D-01	-2.35921D-01	-1.34359D-01	-6.50488D-03	8.51085D-03	-2.93668D-04
56	-3.78286D-01	-2.80587D-01	-1.08321D-01	-2.47416D-03	-1.60986D-05	-2.82889D-03
57	-4.43844D-01	-8.08784D-02	1.03948D-01	3.57899D-03	7.37051D-03	1.71964D-02
58	-2.65903D-01	-2.54763D-01	1.03097D-01	7.56457D-03	2.29774D-03	1.80646D-02
59	1.69515D-03	-2.63551D-01	-2.86995D-02	9.08796D-03	7.77386D-04	1.40083D-02
60	3.40919D-03	4.24605D-03	4.71605D-03	1.08834D-04	9.30004D-05	-1.29819D-04
61	5.84210D-04	7.36334D-03	7.03844D-03	3.37656D-05	1.01306D-04	1.09088D-04
62	-2.61699D-03	-1.90344D-03	5.87578D-03	-2.83202D-04	-6.45924D-06	5.71475D-05
63	-2.48326D-03	-3.71651D-03	6.02551D-03	-2.80986D-04	6.87782D-06	6.57373D-05
64	-2.43557D-03	3.26016D-04	4.64383D-03	-2.81798D-04	2.40459D-05	2.21734D-05
65	-5.21627D-04	-6.59420D-04	4.23500D-04	-2.36357D-04	-9.76140D-06	-1.87200D-04
66	5.20549D-03	-6.51884D-04	-6.35118D-03	-2.04832D-04	-2.91373D-05	-1.76017D-04
67	6.77969D-03	-5.23146D-04	-7.41011D-03	1.47106D-04	-2.06794D-05	8.42091D-05
68	5.06333D-03	2.26920D-02	-8.18586D-03	-2.01453D-04	7.10115D-05	9.61536D-05
69	4.26164D-03	1.99411D-02	-8.35772D-03	-5.10701D-04	1.29448D-04	2.09476D-06
70	-6.39447D-04	-1.80209D-03	-8.25474D-03	-4.76589D-04	7.36492D-05	-9.23835D-05
71	-1.49551D-03	-4.97900D-03	-5.37123D-03	-4.47666D-04	-9.00533D-05	-1.46379D-04
72	-2.64342D-03	-5.62327D-03	-8.12933D-04	-1.33272D-04	-1.08369D-05	-1.81886D-05
73	9.69220D-04	-5.79602D-03	-5.10473D-03	9.56979D-05	-1.61375D-05	5.64282D-05
74	1.87173D-03	-4.86549D-03	-5.42440D-03	2.17835D-05	-7.29329D-05	7.54491D-05
76	-6.71534D-04	4.39885D-04	-4.95332D-03	-3.89291D-04	1.29268D-04	-5.22662D-05
77	-6.96205D-04	1.46857D-03	-1.09651D-03	-3.27299D-04	1.59901D-04	-3.39468D-05
78	-2.30904D-04	1.74228D-03	1.74663D-04	-6.32139D-05	3.61234D-04	-8.03130D-05
79	1.01667D-02	1.49330D-03	1.16173D-03	-2.05691D-05	4.41338D-04	1.73970D-04
80	7.38842D-04	2.42099D-04	4.09965D-06	-1.95512D-05	6.65998D-05	3.74197D-05
82	2.99309D-04	4.39006D-04	-1.29046D-03	8.85396D-05	4.40365D-05	1.97675D-05
83	2.78312D-04	4.97644D-04	-1.82335D-03	2.80189D-05	1.84281D-05	-2.10546D-05
84	1.84119D-04	1.80420D-04	-2.09005D-03	-3.49991D-06	1.41552D-05	-2.12521D-05
85	7.98225D-05	4.61113D-05	-1.99998D-03	-3.81094D-05	-1.98883D-06	-7.20088D-06
86	1.83144D-06	4.02898D-05	-1.05742D-05	-2.18991D-05	-9.89734D-08	-2.53643D-06
87	-2.91682D-07	2.66868D-05	-2.01017D-06	-9.64435D-06	-1.03860D-06	-4.15117D-06
88	-2.34451D-06	3.13833D-05	-3.83910D-07	1.34900D-06	8.46906D-08	-3.88803D-06
90	-3.97836D-07	3.30100D-05	-2.22931D-06	-1.28057D-05	1.10621D-06	-1.65227D-06
91	-2.62824D-06	7.01716D-06	-4.49960D-07	-1.67076D-06	-9.54025D-08	-2.43259D-06
93	-5.15093D-03	5.24374D-03	1.38237D-03	2.32059D-04	2.63986D-04	-1.35040D-04
94	-2.20355D-02	2.23600D-02	5.90959D-03	3.14988D-04	3.82272D-04	-2.64460D-04
95	-2.83262D-03	1.66244D-02	-7.99383D-03	-5.17798D-04	-1.95748D-04	-3.79782D-04
96	-3.04438D-03	1.63999D-02	-5.27759D-03	-9.37265D-04	-1.29785D-04	-1.17564D-04
97	-5.67550D-04	4.08667D-03	-3.87079D-03	-4.72074D-04	-2.20187D-04	-2.76865D-04
98	3.83371D-04	5.85843D-07	-2.13438D-03	-4.09964D-04	-2.26019D-04	-2.05589D-04
99	5.64122D-03	2.13824D-02	9.37579D-03	-7.37880D-05	1.44658D-04	-1.24892D-04
100	3.09473D-03	1.56050D-02	6.77746D-03	-1.10467D-04	1.28386D-04	-2.34057D-04
101	3.43182D-04	6.93408D-03	3.99802D 03	-6.98637D-05	1.19412D-04	-2.77189D-04
102	-1.48791D-03	1.57825D-03	2.09815D-03	-1.81007D-05	1.13273D-04	-2.73273D-04
103	1.64046D-03	4.22003D-03	3.44305D-03	5.28054D-05	1.05601D-04	-1.94533D-04
104	-2.28553D-03	-1.74499D-05	-8.92340D-04	2.55190D-05	1.59560D-06	-2.67750D-04
105	-2.43101D-03	3.80051D-04	-9.11984D-04	8.29489D-06	2.08995D-05	-2.71746D-04
106	5.46094D-03	-2.82427D-04	-8.33675D-04	4.85774D-06	2.11886D-05	-2.94067D-04
107	-3.17310D-03	4.22180D-04	-9.26228D-04	-9.43986D-06	3.72895D-05	-2.30345D-04
108	-4.49061D-03	-1.76186D-04	-1.45202D-03	-1.60087D-04	-4.56701D-05	-2.72568D-05
109	-4.04436D-03	-1.01420D-03	-1.44965D-03	-7.78688D-05	-7.86369D-05	-5.27951D-05
110	-3.78720D-03	-1.19473D-03	-1.44860D-03	-4.15763D-05	-9.03111D-05	-6.37402D-05
111	-3.31515D-03	-1.25531D-03	-1.44689D-03	1.70410D-05	-1.05270D-04	-8.10698D-05
112	-2.65802D-03	-1.03869D-03	-1.44553D-03	5.57553D-05	-1.11520D-04	-9.22348D-05
113	3.24124D-04	-7.13947D-04	1.11303D-03	1.22259D-04	-1.08455D-04	-1.09532D-04
114	-1.97142D-03	-6.74049D-04	-1.44580D-03	6.38477D-05	-1.16161D-04	-9.34412D-05
115	-1.66090D-03	-4.96810D-04	-1.44598D-03	6.87140D-05	-1.18865D-04	-9.44760D-05

116	-1.25298D-03	-2.53056D-04	-1.44619D-03	7.30911D-05	-1.21126D-04	-9.58065D-05
117	-8.38972D-04	-2.51129D-09	-1.44625D-03	7.42213D-05	-1.22018D-04	-9.58065D-05
118	-1.54542D-03	-2.53043D-04	-1.68296D-03	1.04221D-04	-1.12547D-04	-1.24168D-04
119	9.14912D-05	5.66441D-04	-1.44632D-03	7.42969D-05	-1.22029D-04	-9.58065D-05
120	-2.32608D-03	-2.53012D-04	-2.36794D-03	1.43595D-04	-9.49811D-05	-1.59804D-04
121	-2.72087D-03	1.19332D-04	-2.94043D-03	1.45831D-04	-9.36801D-05	-1.61803D-04
122	-4.50411D-03	1.84278D-07	-1.98125D-03	-1.73534D-04	-5.11576D-05	-2.02090D-05
123	-4.52813D-03	3.11448D-04	-3.05696D-03	-1.99082D-04	-4.87608D-05	-1.08291D-05
124	-4.57927D-03	1.14020D-04	-4.12662D-03	-2.63625D-04	2.96661D-05	2.24708D-05
125	-4.58818D-03	-1.47486D-04	-3.72718D-03	-2.77072D-04	5.81127D-05	3.10728D-05
126	-4.60189D-03	-9.11305D-04	-2.13913D-03	-2.93746D-04	9.99190D-05	4.28164D-05
127	-6.74033D-03	-1.68679D-03	-1.12896D-0.	-3.40110D-04	1.02219D-04	7.01654D-05
128	-4.57302D-03	-1.46286D-03	5.469 8D-04	-2.16119D-04	1.18593D-04	1.74625D-05
129	-4.56214D-03	-1.51542D-03	1.35819D-03	-1.78558D-04	1.12778D-04	8.29013D-06
130	-3.47747D-03	-4.78896D-04	2.70800D-03	-6.34740D-05	9.90910D-05	4.01721D-06
131	-5.12085D-03	-2.64188D-03	2.67993D-03	-1.00242D-04	3.31285D-05	-2.77346D-05
132	1.38633D-03	5.66084D-08	8.06242D-04	-2.87405D-05	-1.71348D-05	-2.53472D-04
133	2.73007D-03	1.37830D-02	4.25147D-03	-3.40344D-05	-5.39974D-06	2.05819D-04
134	-1.59926D-03	-3.45591D-07	2.75947D-03	1.82324D-05	1.10552D-04	1.77399D-05
135	1.28915D-04	-9.26274D-04	2.80403D-03	8.78647D-05	1.10863D-04	2.98482D-05
136	2.45204D-03	-3.36064D-03	2.85161D-03	1.29665D-04	1.02910D-04	3.98580D-05
137	1.72644D-03	-3.69775D-03	7.34245D-03	1.60371D-04	1.05102D-04	3.37044D-05
138	4.44538D-03	-5.92055D-03	2.85306D-03	1.14488D-04	8.63986D-05	6.23836D-05
139	5.83146D-03	-4.47069D-03	2.48259D-03	3.49543D-05	-2.01323D-05	1.56147D-04
140	4.43048D-03	-4.28796D-07	3.84331D-03	4.85810D-05	-5.29829D-05	1.60773D-04
141	3.95300D-03	7.70916D-04	4.30703D-03	5.39119D-05	-5.62580D-05	1.59958D-04
142	3.98769D-03	1.43413D-03	4.34928D-03	-4.04037D-05	3.34277D-05	1.15335D-04
143	3.87453D-03	1.53113D-03	4.23936D-03	-7.31449D-05	6.63490D-05	1.03887D-04
144	3.56289D-03	1.52089D-03	3.93284D-03	-1.15446D-04	1.10969D-04	9.53058D-05
145	3.03415D-03	1.37871D-03	3.40812D-03	-1.34093D-04	1.32630D-04	9.83847D-05
146	-1.59183D-03	1.27269D-03	1.02130D-03	-6.80327D-05	1.37008D-04	1.96033D-04
147	2.43723D-03	1.05551D-03	2.81122D-03	-1.67606D-04	1.45388D-04	6.83658D-05
148	2.15647D-03	8.17505D-04	2.53050D-03	-1.87047D-04	1.52700D-04	5.19216D-05
149	1.77914D-03	4.32064D-04	2.15330D-03	-2.03695D-04	1.58713D-04	3.91274D-05
150	1.39095D-03	1.59016D-08	1.76519D-03	-2.08482D-04	1.60910D-04	3.43401D-05
151	1.92016D-03	4.32075D-04	2.76838D-03	-2.59336D-04	1.41135D-04	6.56285D-05
152	5.23936D-04	-9.39787D-04	8.98192D-04	-2.08570D-04	1.60780D-04	3.42523D-05
153	2.37855D-03	4.32088D-04	4.38463D-03	-3.29300D-04	1.05142D-04	9.88720D-05
154	2.58702D-03	1.16586D-05	5.50690D-03	-3.33228D-04	1.02476D-04	1.00737D-04
155	1.63263D-03	4.66410D-07	4.45265D-03	-1.32706D-04	-2.36682D-05	2.33560D-04
156	1.98625D-03	-8.76127D-04	4.80910D-03	-3.03424D-04	6.75074D-05	2.97567D-04
157	3.22029D-03	-7.19076D-04	6.06864D-03	-3.44689D-04	1.11517D-04	3.30324D-04
158	-6.13713D-03	4.20941D-04	-3.75612D-03	-3.60026D-04	1.10941D-04	3.55335D-04
159	5.35602D-03	-2.61887D-04	8.14707D-03	-3.44538D-04	1.52037D-04	3.23089D-04
160	7.39677D-03	-1.85756D-07	1.01909D-02	-3.26258D-04	2.15116D-04	3.20322D-04
161	1.72336D-02	-3.99357D-03	2.19250D-02	-2.81553D-04	5.76953D-05	2.40821D-04
162	1.06125D-02	1.64745D-07	7.67239D-03	-3.73129D-04	-3.55353D-04	-4.26677D-05
163	8.40673D-03	3.58958D-03	1.77787D-03	-3.95249D-04	-3.76835D-04	-9.88295D-05
164	6.99548D-03	6.42381D-03	-2.41864D-03	-4.04831D-04	-3.75004D-04	-1.20753D-04
165	2.40847D-03	1.95589D-02	-2.15748D-02	-3.97990D-04	-1.63168D-04	-2.77802D-05
166	2.54989D-02	3.21530D-02	-1.42587D-02	-1.68069D-04	5.49968D-04	6.28598D-04
167	1.45736D-02	3.19846D-02	-1.73032D-02	-1.98349D-04	5.54158D-04	6.49419D-04
168	2.18968D-02	2.70764D-02	-1.10425D-02	-1.93602D-04	5.49859D-04	7.11700D-04
169	2.30739D-02	1.58357D-02	-4.90467D-03	-2.87774D-04	2.74366D-04	1.09690D-03
170	2.13458D-02	-2.99785D-02	-1.12141D-02	-7.04415D-04	-4.52328D-04	1.43003D-03
171	2.77338D-02	-2.99885D-02	-9.01937D-03	-6.30232D-04	-4.52328D-04	2.32477D-03
172	3.47688D-02	-2.99964D-02	-7.38912D-03	-5.89946D-04	-4.52328D-04	2.82610D-03
173	4.94927D-02	-3.00002D-02	-4.38427D-03	-5.85270D-04	-4.52328D-04	2.88900D-03
174	6.91566D-02	-3.00010D-02	-4.34786D-04	-5.85043D-04	-4.52328D-04	2.92319D-03
175	2.06686D-02	-3.73839D-02	-1.40679D-02	-7.94786D-04	-4.89162D-04	1.37592D-03

176	1.38388D-02	-4.58867D-02	6.46960D-08	-2.19020D-03	-1.12493D-04	-9.51650D-04
177	-7.48314D-03	-5.66008D-08	2.77333D-02	3.81585D-04	-3.64699D-04	-1.72192D-03
178	-7.45283D-03	3.79317D-02	7.25192D-08	2.65683D-03	-8.54265D-06	7.15013D-04
179	3.72924D-03	-1.67481D-07	-1.31481D-02	6.80097D-03	-1.54632D-04	3.22871D-03
180	2.31291D-03	-1.66435D-01	-7.63819D-03	1.04499D-02	-3.75911D-04	1.04480D-03
181	3.69405D-03	-1.40088D-01	-1.20850D-02	1.09540D-02	-5.05555D-04	1.71273D-04
182	5.49183D-03	-1.07162D-01	-3.95272D-02	9.34584D-03	6.90964D-04	1.29554D-02
183	3.82814D-03	-1.75765D-01	-3.48059D-02	9.23985D-03	7.31789D-04	1.33967D-02
184	-1.15069D-01	-2.62506D-01	3.60371D-02	8.32638D-03	1.52695D-03	1.63277D-02
185	-1.17599D-04	-3.56934D-01	-2.27354D-02	9.12192D-03	7.10990D-04	1.40203D-02
186	-1.63093D-02	-3.02727D-01	-6.22787D-04	1.05576D-02	2.60014D-04	7.14995D-03
187	-1.86265D-02	-2.68557D-01	1.45987D-03	1.00294D-02	2.96771D-04	7.10159D-03
188	-2.10192D-02	-2.41276D-01	3.54856D-03	9.30869D-03	3.14208D-04	7.25552D-03
189	-3.56530D-02	-8.31436D-02	1.84381D-02	3.62240D-03	-1.90672D-04	5.35493D-03
190	2.42144D-03	3.08840D-07	-2.60557D-07	-2.81187D-04	9.16760D-05	1.03754D-06
191	2.51939D-03	-1.00147D-06	-2.86250D-02	-1.46945D-04	-7.91236D-05	6.66690D-04
192	2.52035D-03	-5.19176D-03	-2.89232D-02	-1.41629D-04	-4.81745D-05	7.53160D-04
193	-4.99786D-03	-1.52554D-02	-2.58770D-02	6.68553D-04	2.61870D-04	7.77666D-04
194	1.74554D-02	-2.08306D-02	4.98836D-03	-4.63634D-04	-3.28754D-04	9.47703D-06
195	4.67256D-03	-5.02591D-03	1.27604D-03	-2.69010D-04	-2.36560D-04	-1.61353D-05
196	-9.23503D-02	-1.88915D-02	-3.42235D-02	-5.86953D-03	3.39532D-03	1.18078D-03
197	-1.15059D-01	-2.10689D-02	-1.39004D-01	-6.21724D-03	3.43384D-03	1.28682D-03
198	-1.27201D-01	-6.51581D-02	-8.40244D-02	-6.23046D-03	3.54577D-03	1.10046D-03
199	-3.76782D-01	-2.60573D-01	-1.15207D-01	-1.75449D-03	-2.27318D-03	-3.22182D-03
200	-3.52875D-01	-2.02438D-01	-1.96853D-01	-2.56571D-04	-6.21435D-03	-4.19875D-03
201	-3.71504D-01	-2.02500D-01	-2.00309D-01	1.92165D-03	-7.13221D-03	-6.33717D-03
202	-3.85342D-01	-2.02537D-01	-2.05313D-01	2.64535D-03	-7.70393D-03	-6.59914D-03
203	-3.99362D-01	-1.79731D-01	-2.49720D-01	2.66880D-03	-8.73944D-03	-3.95998D-03
204	-3.80580D-01	-1.50577D-01	-3.12018D-01	2.95059D-03	-7.52600D-03	-3.28885D-03
205	-3.67082D-01	-1.16977D-01	-3.55894D-01	3.92635D-03	-6.61146D-03	-5.09339D-03
206	-3.14555D-01	-1.16980D-01	-3.24793D-01	1.19782D-03	-7.30208D-03	-5.05932D-03
207	-2.52926D-01	1.07143D-01	-5.29200D-01	3.57088D-03	-1.93463D-03	-5.04464D-03
208	-4.32579D-01	-2.57337D-06	6.61183D-02	3.71072D-03	7.76364D-03	1.57102D-02
209	-9.60313D-04	8.17577D-03	6.50163D-03	-6.40124D-05	6.57062D-05	1.33571D-04
210	-1.50048D-03	8.06024D-03	6.29402D-03	-7.67471D-05	6.07702D-05	1.34860D-04
211	-4.58901D-03	8.21149D-03	4.79903D-03	-6.77892D-05	6.03308D-05	1.44198D-04
212	-1.98207D-03	7.74535D-03	6.10170D-03	-9.56490D-05	5.60997D-05	1.27437D-04
213	-2.67285D-03	1.03273D-07	5.85021D-03	-2.82656D-04	-2.92371D-06	5.64891D-05
214	6.83904D-03	1.25876D-08	-7.37673D-03	1.51248D-04	-2.05554D-05	9.04433D-05
215	2.71103D-04	3.12103D-03	-8.28127D-03	-5.20505D-04	1.01893D-04	-6.99343D-05
216	-6.49610D-04	-9.58634D-04	-7.42499D-03	-4.49308D-04	9.19317D-05	-7.86344D-05
217	-6.40587D-04	-2.95966D-03	-8.69338D-03	-4.60286D-04	4.17393D-05	-1.10498D-04
218	-2.73107D-03	-5.63672D-03	-1.56903D-07	-1.07614D-04	-1.10085D-05	-1.09220D-05
219	-5.75881D-04	-5.78025D-03	-2.31113D-03	9.71677D-05	-1.32962D-05	5.08700D-05
220	-4.73272D-04	-5.78097D-03	-2.50798D-03	9.73479D-05	-1.33106D-05	5.10299D-05
221	-4.57531D-04	-5.48751D-03	-2.46265D-03	9.73466D-05	-1.32712D-05	5.09436D-05
222	-3.70173D-04	-5.78145D-03	-2.70459D-03	9.74897D-05	-1.33625D-05	5.12383D-05
223	5.15615D-04	-5.79451D-03	-4.32515D-03	9.74008D-05	-1.50186D-05	5.55432D-05
224	6.27594D-04	-5.79489D-03	-4.52127D-03	9.72564D-05	-1.50705D-05	5.56048D-05
225	6.44979D-04	-5.47657D-03	-4.46765D-03	9.72565D-05	-1.50004D-05	5.55197D-05
226	7.39610D-04	-5.79504D-03	-4.71608D-03	9.70933D-05	-1.51895D-05	5.57143D-05
227	1.03480D-03	-2.66212D-03	-3.00562D-03	7.55931D-06	-7.34043D-05	6.87149D-05
228	-6.63571D-04	-8.46181D-09	-5.95720D-03	-4.11285D-04	1.16295D-04	-6.11626D-05
229	-9.78895D-04	4.40077D-04	-2.67689D-03	-3.29340D-04	1.24803D-04	-4.34168D-05
230	-1.14161D-03	4.40185D-04	-1.43608D-03	-2.94696D-04	1.22002D-04	-3.73824D-05
231	4.96942D-08	1.74067D-03	-1.83092D-08	-5.95345D-05	3.62179D-04	-8.31976D-05
232	1.16891D-02	1.50120D-03	1.32247D-03	-1.65097D-05	4.41677D-04	1.62662D-04
233	1.13557D-02	1.50052D-03	1.28860D-03	-1.69264D-05	4.41835D-04	1.64094D-04
234	1.38066D-02	1.55244D-03	1.40401D-03	-1.69518D-05	4.42053D-04	1.64103D-04
235	1.10166D-02	1.49977D-03	1.25362D-03	-1.73131D-05	4.41785D-04	1.65362D-04

236	3.89929D-10	4.39391D-04	8.00563D-10	9.49966D-05	4.66260D-05	2.24597D-05
237	2.26803D-05	4.39350D-04	-9.49960D-05	9.38286D-05	4.59256D-05	2.20018D-05
238	1.53292D-04	4.39281D-04	-6.53932D-04	9.21005D-05	4.50220D-05	2.12407D-05
239	1.53350D-04	3.06469D-04	-3.71562D-04	9.21005D-05	4.48813D-05	2.11293D-05
240	2.78925D-04	4.39109D-04	-1.20096D-03	9.01241D-05	4.44668D-05	2.04563D-05
241	9.29150D-06	4.07953D-05	-1.17438D-04	-2.83816D-05	-2.61383D-07	-1.49799D-06
242	1.90294D-06	2.40296D-05	-7.59396D-06	-1.66979D-05	-6.28784D-07	-3.13030D-06
243	1.90799D-06	5.15809D-05	-8.01481D-06	-1.80333D-05	5.24102D-07	-2.14970D-06
244	-2.14896D-06	2.88227D-05	-3.22143D-07	1.77399D-06	1.25306D-07	-3.19714D-06
245	-1.16455D-06	1.57022D-05	-2.18414D-07	1.94334D-06	1.43361D-07	-2.30576D-06
246	1.34083D-05	1.57077D-05	1.20652D-05	1.94784D-06	1.43361D-07	-2.31093D-06
247	-2.62780D-07	3.52391D-06	-1.18725D-07	1.44897D-06	1.07214D-07	-1.40159D-06
248	-2.41362D-06	5.96222D-06	-3.79713D-07	-1.14190D-06	-1.39929D-07	-2.00009D-06
249	-1.32101D-06	1.45007D-06	-2.61734D-07	-5.92802D-07	-1.60602D-07	-1.44208D-06
250	7.79128D-06	1.45072D-06	-4.01128D-06	-5.94453D-07	-1.60602D-07	-1.44509D-06
251	-3.01848D-07	-4.45115D-07	-1.42273D-07	-2.68305D-07	-1.20960D-07	-8.76588D-07
252	-1.65513D-01	-1.24318D-01	-9.51805D-02	-6.64522D-03	5.72665D-03	4.96396D-04

M O D A L A N A L Y S I S

MODE NUMBER 44
FREQUENCY= 30.5874 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
2	-1.89608D-01	1.49487D-01	5.10147D-02	1.26692D-03	2.63736D-03	-2.95499D-03
3	-1.61770D-01	1.76599D-01	7.15602D-02	5.35992D-04	1.38581D-03	-5.36046D-03
4	-6.20706D-02	1.76416D-01	8.03067D-02	4.63203D-04	1.43206D-03	-5.57638D-03
5	2.11994D-02	1.44883D-01	7.68116D-02	3.03549D-04	1.52108D-03	-5.77108D-03
6	3.40574D-02	4.82436D-02	4.03177D-02	1.27227D-03	1.78127D-03	-3.79343D-03
7	-6.79115D-03	-3.46143D-02	-3.64240D-02	2.28070D-03	1.35267D-03	-1.68273D-03
8	-1.52382D-02	9.50458D-02	-6.15770D-02	1.86851D-03	-9.82869D-04	-7.67558D-04
9	7.12456D-02	2.08796D-02	2.39891D-02	2.90243D-04	-5.98661D-05	-1.74024D-03
10	6.89541D-02	1.75766D-06	2.12088D-02	2.68481D-04	4.04960D-04	-1.54647D-03
11	-5.37761D-03	3.45004D-03	-1.81368D-02	3.64614D-05	-4.86094D-05	3.84691D-04
12	1.45385D-02	4.31818D-07	-1.82273D-02	7.73426D-05	-3.03788D-04	3.58565D-04
13	1.75300D-02	1.40839D-03	-1.70417D-02	4.13214D-04	2.70050D-04	1.03829D-04
14	1.79704D-02	3.51703D-03	-4.43119D-03	3.43996D-04	-2.63002D-04	-6.44351D-05
15	4.16891D-03	2.37086D-02	-4.52378D-03	1.95632D-04	3.55791D-04	4.99270D-04
16	-2.33084D-03	1.23801D-02	3.36366D-06	1.13298D-04	8.39887D-05	7.89207D-04
17	-2.77755D-03	-5.87488D-02	-8.68776D-03	1.35497D-04	-1.99906D-04	4.32882D-04
18	-4.24876D-03	-6.27486D-02	-1.19726D-02	8.00550D-05	-2.17240D-04	1.09143D-05
19	-6.88119D-03	-6.25491D-02	-1.45311D-02	1.21404D-04	-1.86381D-04	-2.21498D-04
20	-7.86788D-03	-5.69377D-02	-1.62949D-02	1.06026D-04	-4.25710D-05	-5.75465D-04
21	-8.08254D-03	-1.61969D-02	-1.31652D-02	2.37338D-04	1.18426D-04	-7.38208D-04
22	-1.15464D-03	-1.97926D-03	-4.87518D-03	2.12905D-04	1.47953D-04	-1.98653D-04
23	5.15275D-10	-9.98145D-10	-3.21475D-10	2.96475D-08	1.19858D-08	-7.27322D-09
25	-5.46006D-03	3.64459D-03	-1.71649D-03	7.27136D-05	8.44132D-05	-3.90610D-05
26	-5.42743D-03	5.16310D-03	4.3491[illegible]D-05	1.17286D-04	4.58384D-05	-1.05003D-04
27	-4.23429D-03	5.15981D-03	1.35050D-03	1.18270D-04	4.53851D-05	-1.09544D-04
28	-1.55317D-03	2.54726D-03	2.89618D-03	1.16642D-04	5.11421D-05	-9.53927D-05
29	-1.54786D-03	1.49710D-03	2.328[illegible]4D-03	1.15705D-04	5.19743D-05	-8.81017D-05
30	-1.28937D-03	-3.27862D-03	1.00076D-02	2.29343D-04	-5.78005D-05	-3.76844D-05
31	-3.12568D-03	9.37784D-04	-7.13654D-0[illegible]	3.41935D-04	-1.96797D-05	-2.42269D-04
32	-8.71220D-03	-2.01304D-03	-1.269[illegible]6D-02	2.73787D-05	1.86084D-04	-3.49485D-04
33	-1.55084D-02	-4.50197D-03	-1.24971D-02	-1.05452D-04	2.34851D-04	-4.14306D-04
34	-2.40941D-02	2.95257D-02	-3.77015D 03	-2.33537D-04	-1.48094D-04	-5.00002D-04
35	-2.00705D-02	2.75149D-02	-5.13298D-03	-4.19123D-04	-3.65498D-04	-3.94100D-04
36	5.93447D-02	8.07690D-04	2.66949D-[illegible]2	1.62513D-03	1.84982D-03	-3.36203D-03
37	8.79085D-02	-2.10050D-02	2.86561D-02	3.29762D-04	6.75156D-04	-4.22991D-04
38	-2.74292D-04	-2.20446D-02	2.46013D-02	2.54612D-04	-1.18550D-03	3.42295D-04
39	-3.37703D-03	3.13266D-03	9.66535D-03	7.09341D-04	6.65727D-04	-8.37076D-04
40	-3.40072D-03	5.55243D-03	5.09596D-03	1.69080D-03	4.23893D-04	2.57955D-04
41	-1.30664D-03	5.58126D-03	-7.26701D-03	1.83678D-03	3.87356D-04	3.24289D-04
42	2.77761D-03	2.99607D-02	-2.88355D-02	2.97683D-03	-1.51358D-05	8.89889D-04
43	3.44367D-03	7.93892D-02	-2.88867D-02	2.97392D-03	-5.89683D-05	1.06405D-03
44	4.44729D-03	9.12528D-02	-3.00156D-02	2.38579D-03	-7.82282D-05	1.75618D-03
45	4.35498D-03	3.36299D-02	-1.28490D-02	3.67431D-04	-1.74996D-04	-6.29273D-04
46	4.38454D-03	3.49187D-02	-1.31350D-02	2.91302D-04	-3.16659D-05	-2.33240D-04
47	1.67233D-04	1.51378D-02	2.60517D-04	-2.07335D-04	-1.42296D-05	-3.54629D-04
48	2.06547D-04	1.62223D-02	1.92582D-04	-2.72227D-04	-5.49664D-06	-2.53193D-04
49	8.74895D-04	5.26869D-03	-4.04792D-04	-1.52723D-04	-4.86175D-06	-1.60682D-04
50	8.36698D-04	2.40929D-03	-4.36205D-[illegible]4	-8.97684D-05	5.73634D-06	-1.24892D-04
51	8.12877D-04	1.50159D-03	-4.62459D-04	-8.78021D-05	5.86331D-06	-1.21353D-04

52	7.91215D-06	3.02450D-07	-4.77110D-06	-1.89086D-06	5.57920D-08	-3.00072D-06
53	3.01138D-12	2.52466D-12	-1.55919D-12	-2.16140D-10	4.83509D-12	-3.44079D-10
54	2.77859D-03	1.71225D-03	3.02686D-03	1.62150D-04	-9.77827D-05	-4.06339D-06
55	8.64808D-03	8.15392D-03	4.75100D-03	1.92626D-04	-2.63429D-04	4.20515D-05
56	1.14575D-02	9.42994D-03	3.68362D-03	9.40109D-05	-4.19006D-05	1.13393D-04
57	1.28799D-02	2.73438D-03	-1.05088D-03	-1.51847D-06	-2.18554D-04	-5.43159D-04
58	7.45670D-03	8.46200D-03	-1.96766D-03	-1.35010D-04	-6.77418D-05	-5.13978D-04
59	6.74463D-05	8.68154D-03	5.90232D-04	-1.95143D-04	-1.75818D-05	-3.63622D-04
60	1.01168D-01	2.13089D-02	4.16421D-02	9.73367D-04	2.54674D-04	-1.06251D-03
61	7.63370D-02	4.27870D-02	5.45433D-02	1.53421D-04	2.16954D-03	1.22293D-03
62	-8.76419D-02	-1.36560D-02	-1.08963D-02	-2.52011D-03	1.43140D-03	1.44293D-03
63	-8.93860D-02	-2.56260D-02	-2.76029D-03	-3.48136D-03	-2.00103D-03	1.07715D-03
64	-8.90262D-02	3.97559D-02	1.81121D-01	-5.29053D-03	-2.47541D-03	2.83666D-04
65	-5.27497D-02	1.99447D-02	1.16424D-01	-6.73038D-03	-1.38559D-03	-3.50843D-03
66	5.49605D-02	1.99561D-02	-8.57603D-02	-6.40394D-03	-1.50168D-03	-3.34709D-03
67	9.61666D-02	-6.09636D-03	-1.36683D-01	1.15407D-03	-1.08907D-03	1.90502D-03
68	1.28717D-01	3.83815D-01	-1.15664D-01	-3.29101D-03	1.25974D-03	1.90186D-03
69	1.12940D-01	3.37879D-01	-1.19100D-01	-8.68966D-03	2.63435D-03	2.04457D-04
70	1.09073D-02	-3.26457D-02	-1.17741D-01	-8.12186D-03	1.62267D-03	-1.69204D-03
71	-5.27174D-03	-9.23480D-02	-8.28794D-02	-7.39285D-03	-7.26199D-04	-2.79934D-03
72	-2.78904D-02	-1.04845D-01	-1.29178D-02	-2.14494D-03	5.80498D-04	-4.83221D-04
73	1.47528D-02	-1.08239D-01	-7.86594D-02	1.50403D-03	1.26068D-04	7.92244D-04
74	2.99657D-02	-9.23629D-02	-8.67925D-02	1.75852D-04	-1.09863D-03	1.31924D-03
76	1.01042D-02	6.65138D-03	-5.64301D-02	-6.80987D-03	2.18822D-03	-7.56409D-04
77	9.43529D-03	1.74127D-02	5.58991D-03	-5.89672D-03	2.51482D-03	-2.27494D-04
78	-1.19109D-03	6.79416D-03	5.21925D-03	-1.79940D-03	5.33790D-03	-5.01658D-04
79	1.52061D-01	3.62257D-03	-3.19885D-03	6.19571D-04	6.61486D-03	2.42529D-03
80	1.12581D-02	1.70082D-03	-5.95940D-05	-1.04737D-04	1.01404D-03	5.48614D-04
82	9.61588D-04	6.69664D-03	-2.78814D-02	1.91823D-03	4.69293D-04	5.21235D-05
83	1.07867D-06	7.48058D-03	-3.72836D-02	7.73863D-04	-3.21047D-07	-4.49255D-04
84	1.84674D-04	2.66298D-03	-3.67997D-02	1.16464D-04	-3.53139D-05	-3.78631D-04
85	-9.89361D-04	6.89555D-04	-3.45548D-02	-5.93594D-04	-2.75538D-04	-8.28454D-05
86	6.48980D-07	6.02578D-04	-1.95720D-04	-3.90364D-04	-1.35069D-05	-2.31636D-05
87	-3.11296D-05	4.98178D-04	-2.31181D-05	-1.69899D-04	-1.43456D-05	-6.62401D-05
88	-5.14992D-05	5.80113D-04	-4.23862D-06	2.59726D-05	2.69985D-06	-6.56445D-05
90	-4.54147D-05	3.94781D-04	-5.11104D-05	-2.17179D-04	2.33568D-05	-2.88546D-05
91	-8.79765D-05	-5.67047D-06	-1.19991D-05	-1.91983D-05	-4.27008D-06	-4.38497D-05
93	-3.07696D-02	2.44170D-02	8.31172D-03	9.84874D-04	1.62109D-03	-1.11190D-03
94	-1.38385D-01	1.09342D-01	3.72442D-02	1.38036D-03	2.59940D-03	-2.46553D-03
95	4.32983D-02	8.15400D-02	5.77210D-02	1.12116D-03	1.76797D-03	-4.07650D-03
96	4.94151D-02	1.94829D-02	3.20712D-02	1.54540D-03	1.85615D-03	-3.56158D-03
97	2.47179D-02	1.91736D-02	2.27809D-02	1.45141D-03	1.76039D-03	-3.40989D-03
98	1.75072D-02	1.52838D-06	9.24733D-03	1.63067D-03	1.71982D-03	-3.03750D-03
99	2.50971D-02	9.85192D-02	-2.14863D-02	8.22999D-04	-1.34295D-03	-1.57978D-03
100	5.05090D-02	7.39471D-02	3.87127D-03	3.62837D-04	-1.09410D-03	-1.89432D-03
101	6.91562D-02	3.39906D-02	2.20416D-02	2.22259D-04	-3.89814D-04	-1.86668D-03
102	7.05681D-02	7.82950D-03	2.30089D-02	2.40646D-04	2.31242D-04	-1.65811D-03
103	8.69405D-02	2.10799D-02	3.02424D-02	6.97504D-04	8.48937D-05	-1.40594D-03
104	-4.31223D-03	3.49772D-03	-1.82812D-0	-6.32223D-05	-1.99820D-04	4.89464D-04
105	7.91414D-04	1.58611D-03	-1.83730D-02	-1.30481D-04	-2.84061D-04	5.49131D-04
106	-1.57810D-02	2.99384D-03	-2.40737D-02	-2.31917D-04	-2.75529D-04	6.16684D-04
107	8.01592D-03	-2.74336D-04	-1.83064D-02	-4.61117D-05	-3.38067D-04	4.71399D-04
108	1.75864D-02	7.40546D-04	-1.44409D-02	4.54185D-04	3.20430D-04	9.32212D-05
109	1.49967D-02	2.05857D-03	-1.43763D-02	8.34607D-05	4.20049D-04	1.61133D-04
110	1.36712D-02	2.08497D-03	-1.43483D-02	4.28461D-05	4.62735D-04	1.90238D-04
111	1.13123D-02	2.18015D-03	-1.43035D-02	1.23943D-04	5.28355D-04	2.36321D-04
112	8.01746D-03	3.21834D-03	-1.42680D-02	3.06283D-04	5.68012D-04	2.66010D-04
113	-1.05583D-03	4.93071D-03	2.45364D-02	1.89613D-03	6.67962D-04	3.14338D-04
114	4.62888D-03	3.66668D-03	-1.42700D-02	-5.45797D-05	5.63237D-04	2.67876D-04
115	3.15603D-03	3.09051D-03	-1.42713D-02	-2.55248D-04	5.60929D-04	2.69476D-04

116	1.26875D-03	1.72781D-03	-1.42728D-02	-4.15739D-04	5.59400D-04	2.71533D-04
117	-6.17219D-04	1.31537D-07	-1.42734D-02	-4.71194D-04	5.59487D-04	2.71533D-04
118	2.04486D-03	1.72805D-03	-1.33757D-02	-2.81314D-04	5.46175D-04	3.15399D-04
119	-4.88785D-03	-3.59606D-03	-1.42741D-02	-4.71693D-04	5.60165D-04	2.71533D-04
120	3.91525D-03	1.72852D-03	-1.24027D-02	-1.10683D-04	5.19095D-04	3.70474D-04
121	4.05774D-03	1.46466D-03	-1.19983D-02	-1.00845D-04	5.17090D-04	3.73556D-04
122	1.76548D-02	-8.07207D-07	-1.07638D-02	5.10123D-04	3.59362D-04	9.38179D-05
123	1.77780D-02	-2.02773D-03	-3.29508D-03	6.16406D-04	3.74109D-04	9.44977D-05
124	1.80505D-02	-4.37935D-03	1.06412D-02	8.84909D-04	8.55624D-05	-4.91859D-05
125	1.81001D-02	-3.70081D-03	1.11103D-02	9.40848D-04	-3.28788D-05	-1.04533D-04
126	1.81775D-02	-7.92967D-04	8.89487D-03	1.01021D-03	-2.14315D-04	-1.88385D-04
127	2.68808D-02	1.87139D-03	4.07241D-02	1.18247D-03	-2.23841D-04	-3.01648D-04
128	1.80787D-02	2.20149D-03	1.91424D-03	7.29220D-04	-3.21366D-04	-1.20286D-04
129	1.80413D-02	2.77812D-03	-4.21248D-04	5.93258D-04	-3.21734D-04	-9.67020D-05
130	1.44668D-02	5.40666D-04	-4.55481D-03	1.67184D-04	-3.38378D-04	-1.13350D-04
131	1.96935D-02	7.18424D-03	-4.44670D-03	3.20474D-04	-9.21080D-05	1.71538D-05
132	-2.40458D-03	-2.47362D-07	6.52587D-04	1.16867D-04	1.33367D-05	8.35263D-04
133	-7.93159D-03	-4.68033D-02	-1.64128D-02	1.43029D-04	1.90741D-05	-6.99575D-04
134	7.68833D-03	1.40917D-06	-4.74437D-03	-1.37545D-04	-4.15544D-04	-1.88946D-04
135	9.74264D-04	4.53831D-03	-4.91008D-03	-3.85770D-04	-4.46724D-04	-2.55648D-04
136	-8.65015D-03	1.47225D-02	-5.08826D-03	-5.16905D-04	-4.42344D-04	-3.10789D-04
137	-1.06900D-03	1.63255D-02	-2.23643D-02	-6.15230D-04	-4.48217D-04	-3.10374D-04
138	-1.76971D-02	2.48876D-02	-5.12102D-03	-4.51101D-04	-3.96714D-04	-3.66776D-04
139	-2.48438D-02	1.71704D-02	-3.12879D-03	-7.70469D-05	8.49537D-05	-5.72968D-04
140	-1.88210D-02	9.63728D-07	-9.19203D-03	-7.89597D-05	2.23898D-04	-4.76281D-04
141	-1.68540D-02	-2.82494D-03	-1.11557D-0[illegible]	-9.91710D-05	2.31647D-04	-4.32626D-04
142	-1.71148D-02	-4.12936D-03	-1.14646D-02	2.01353D-04	-9.13495D-05	-3.15457D-04
143	-1.67643D-02	-4.18878D-03	-1.11348D-02	2.86433D-04	-2.10680D-04	-3.08943D-04
144	-1.57274D-02	-4.04387D-03	-1.01309D-02	3.67150D-04	-3.73549D-04	-3.52647D-04
145	-1.39245D-02	-4.00422D-03	-8.35404D-03	3.70670D-04	-4.53824D-04	-4.29290D-04
146	9.68881D-03	-3.94471D-03	-7.69018D-03	-1.31513D-04	-4.81742D-04	-1.04767D-03
147	-1.18822D-02	-3.44379D-03	-6.31071D-03	5.26372D-04	-4.97638D-04	-2.86693D-04
148	-1.09214D-02	-2.74611D-03	-5.34959D-03	6.15560D-04	-5.22784D-04	-2.08745D-04
149	-9.62974D-03	-1.48107D-03	-4.05763D-03	6.90458D-04	-5.43485D-04	-1.48297D-04
150	-8.30011D-03	-7.58133D-08	-2.72773D-03	7.13166D-04	-5.51100D-04	-1.25589D-04
151	-1.02354D-02	-1.48117D-03	-6.09861D-03	8.48807D-04	-4.77519D-04	-2.98041D-04
152	-5.33106D-03	3.17108D-03	2.41558D-04	7.13477D-04	-5.50601D-04	-1.25278D-04
153	-1.24353D-02	-1.48133D-03	-1.12933D-02	1.04763D-03	-3.42446D-04	-4.86429D-04
154	-1.37780D-02	-4.63799D-04	-1.48470D-02	1.05875D-03	-3.32441D-04	-4.97054D-04
155	-7.53033D-03	-7.00469D-07	-1.15185D-02	7.60065D-05	1.68874D-04	-3.33424D-04
156	-4.09722D-03	3.01606D-03	-8.12233D-03	2.74354D-04	7.31820D-05	-2.76196D-04
157	-3.25234D-03	2.63964D-03	-7.27353D-03	3.20453D-04	3.69679D-05	-2.74819D-04
158	4.70112D-03	1.66803D-03	1.39129D-03	3.25899D-04	3.77972D-05	-2.94209D-04
159	-3.04207D-03	1.35407D-03	-7.05910D-03	3.37153D-04	3.08336D-06	-2.52380D-04
160	-3.49620D-03	3.19010D-07	-7.50076D-03	3.40229D-04	-5.81028D-05	-2.33091D-04
161	-8.34807D-03	-1.34166D-03	-1.33509D 02	2.82808D-04	-4.82715D-05	-2.05227D-04
162	-5.68469D-03	-5.63166D-08	-7.27540D-03	2.67410D-04	1.73687D-04	-9.38479D-05
163	-4.59449D-03	-4.18438D-04	-4.32348D-03	2.69473D-04	1.88008D-04	-6.37526D-05
164	-3.90408D-03	-8.52801D-04	-2.24029D-03	2.69546D-04	1.89329D-04	-4.70763D-05
165	-1.47053D-03	-3.58737D-03	8.22173D-03	2.54917D-04	1.10825D-04	-1.38545D-05
166	2.32840D-03	-2.20320D-02	2.29443D-02	2.30903D-04	-1.16533D-03	3.88814D-04
167	-3.83866D-03	-2.22187D-02	2.70040D-02	2.74816D-04	-1.18479D-03	3.45755D-04
168	-2.28589D-03	-2.48777D-02	1.51281D-02	2.57462D-04	-1.18663D-03	2.81845D-04
169	-5.25252D-03	-2.57748D-02	1.11679D-03	3.01779D-04	-7.53799D-04	-2.06848D-04
170	-4.98950D-03	-5.66272D-03	2.16409D-03	5.71868D-04	5.36125D-04	-8.66576D-04
171	-8.54638D-03	-5.66469D-03	6.83916D-05	6.81480D-04	5.36125D-04	-1.23888D-03
172	-1.22041D-02	-5.66623D-03	-1.86043D-03	7.43560D-04	5.36125D-04	-1.44800D-03
173	-1.97256D-02	-5.66698D-03	-5.70126D-03	7.51544D-04	5.36125D-04	-1.47439D-03
174	-2.97506D-02	-5.66713D-03	-1.08006D-02	7.57085D-04	5.36125D-04	-1.48967D-03
175	-4.22399D-03	-1.17492D-03	5.72570D-03	6.37377D-04	6.19075D-04	-8.67034D-04

176	-2.54011D-03	5.56484D-03	-1.30592D-07	1.75378D-03	4.08234D-04	2.87989D-04
177	4.44918D-03	5.83243D-08	-2.66867D-02	1.83953D-03	2.85807D-04	1.32442D-03
178	4.41949D-03	-2.75581D-02	-5.62750D-08	1.09396D-03	1.08085D-04	-5.31643D-04
179	-1.25616D-03	3.86227D-08	4.79401D-03	-3.80160D-05	1.40096D-04	3.09878D-04
180	-2.41449D-04	8.76361D-03	8.40354D-04	-1.14360D-04	-5.01465D-05	-7.45100D-05
181	-1.40205D-04	8.79775D-03	4.58742D-04	-1.47784D-04	-3.11118D-05	-1.56095D-05
182	-1.77619D-05	4.54887D-03	8.13264D-04	-2.02701D-04	-1.36189D-05	-3.25284D-04
183	1.84585D-05	6.34273D-03	7.19994D-04	-1.99734D-04	-1.53315D-05	-3.41140D-04
184	3.21397D-03	8.64498D-03	-7.25312D-04	-1.63835D-04	-4.24314D-05	-4.48287D-04
185	1.08708D-04	1.12221D-02	4.54054D-04	-1.98318D-04	-1.61908D-05	-3.65230D-04
186	4.25568D-04	9.22370D-03	-7.36128D-06	-2.75531D-04	-5.57274D-06	-1.55655D-04
187	4.76664D-04	8.09590D-03	-5.37047D-05	-2.63149D-04	-6.60845D-06	-1.54047D-04
188	5.30719D-04	7.15577D-03	-1.01118D-04	-2.44614D-04	-7.11306D-06	-1.58661D-04
189	8.24881D-04	1.95648D-03	-4.49090D-04	-8.88034D-05	5.80586D-06	-1.23143D-04
190	-1.39427D-03	-4.16314D-08	8.28051D-08	1.93407D-04	-9.78068D-05	-1.37824D-05
191	-1.53784D-03	8.54935D-08	1.39650D-03	1.23192D-04	5.42976D-05	-6.66616D-05
192	-1.54168D-03	5.11029D-04	1.74800D-03	1.20411D-04	5.34601D-05	-7.66360D-05
193	-7.82911D-04	1.51561D-03	3.14303D-03	6.13479D-05	4.00947D-05	-7.67918D-05
194	-4.05882D-03	2.68735D-03	-1.22614D-03	6.66078D-05	8.32371D-05	-2.93013D-05
195	-1.03231D-03	6.63121D-04	-3.09134D-04	3.86384D-05	5.42935D-05	-9.89894D-06
196	2.75346D-03	1.70939D-03	1.93250D-03	1.52869D-04	-9.62824D-05	-4.09651D-06
197	2.88512D-03	1.77335D-03	4.71039D-03	1.65707D-04	-9.78982D-05	-6.19123D-06
198	3.53848D-03	3.01500D-03	3.25410D-03	1.67005D-04	-1.01718D-04	-7.24358D-07
199	1.15235D-02	8.63754D-03	3.52351D-03	7.54358D-05	3.44813D-05	1.26182D-04
200	1.09095D-02	6.49876D-03	5.62726D-03	3.63249D-05	1.77931D-04	1.58159D-04
201	1.15879D-02	6.50077D-03	5.63004D-03	-2.55257D-05	2.05327D-04	2.28376D-04
202	1.20844D-02	6.50198D-03	5.71178D-03	-4.53270D-05	2.22392D-04	2.37453D-04
203	1.26696D-02	5.71953D-03	6.86861D-03	-4.11106D-05	2.55085D-04	1.53933D-04
204	1.21145D-02	4.68385D-03	8.71151D-03	-4.72519D-05	2.27449D-04	1.33945D-04
205	1.16979D-02	3.51316D-03	1.00650D-02	-7.61106D-05	2.06220D-04	1.93442D-04
206	9.74580D-03	3.51325D-03	9.50181D-03	-1.31052D-06	2.29336D-04	1.86223D-04
207	7.65806D-03	-4.03967D-03	1.63923D-02	-5.89994D-05	8.19629D-05	1.85944D-04
208	1.25469D-02	8.94249D-08	7.34588D-05	-8.38436D-06	-2.29272D-04	-4.95059D-04
209	3.76520D-02	5.05870D-02	3.92772D-02	-5.53234D-04	2.25851D-03	1.37537D-03
210	1.87160D-02	5.03928D-02	3.16763D-02	-6.52569D-04	2.25549D-03	1.37926D-03
211	-1.08145D-02	5.17794D-02	1.66825D-02	-6.20837D-04	2.25404D-03	1.40432D-03
212	-1.36417D-04	4.88579D-02	2.40816D-02	-7.77935D-04	2.24589D-03	1.35933D-03
213	-7.63688D-02	6.10061D-07	-6.39454D-03	-2.38352D-03	1.62187D-03	1.37200D-03
214	9.90650D-02	4.53601D-07	-1.35053D-01	1.27709D-03	-1.08031D-03	2.02226D-03
215	3.04858D-02	5.12819D-02	-1.18094D-01	-8.87160D-03	2.16535D-03	-1.24141D-03
216	1.06586D-02	-1.69897D-02	-1.00658D-01	-7.71186D-03	1.80412D-03	-1.40982D-03
217	1.09163D-02	-5.41437D-02	-1.29648D-01	-7.78695D-03	1.14586D-03	-2.04770D-03
218	-3.03633D-02	-1.05109D-01	-2.29907D-06	-1.73325D-03	5.57277D-04	-3.55267D-04
219	-6.68316D-03	-1.07927D-01	-3.48244D-02	1.52279D-03	2.47669D-04	6.94048D-04
220	-5.28076D-03	-1.07941D-01	-3.79101D-02	1.52571D-03	2.45727D-04	6.96501D-04
221	-5.15429D-03	-1.03917D-01	-3.96681D-02	1.52568D-03	2.46376D-04	6.94804D-04
222	-3.87125D-03	-1.07951D-01	-4.09918D-02	1.52804D-03	2.43164D-04	6.99961D-04
223	8.40966D-03	-1.08209D-01	-6.64193D-02	1.52960D-03	1.61456D-04	7.73831D-04
224	9.97135D-03	-1.08216D-01	-6.94994D-02	1.52742D-03	1.58893D-04	7.75006D-04
225	1.01373D-02	-1.03765D-01	-7.08072D-02	1.52742D-03	1.60040D-04	7.73324D-04
226	1.15340D-02	-1.08219D-01	-7.25583D-02	1.52497D-03	1.55234D-04	7.77194D-04
227	1.69135D-02	-5.10206D-02	-4.90789D-02	-1.76284D-05	-1.17000D-03	1.24553D-03
228	1.03085D-02	-4.88146D-07	-7.36581D-02	-7.14041D-03	2.05325D-03	-9.91807D-04
229	5.71855D-03	6.65753D-03	-1.65118D-02	-5.75906D-03	2.09782D-03	-6.30164D-04
230	3.35954D-03	6.66118D-03	5.19109D-03	-5.13037D-03	2.04111D-03	-5.58088D-04
231	1.29602D-06	6.76269D-03	-1.36381D-07	-1.73412D-03	5.35294D-03	-5.68741D-04
232	1.73300D-01	3.69500D-03	-8.71227D-03	6.40395D-04	6.61909D-03	2.24575D-03
233	1.68686D-01	3.68814D-03	-7.42215D-03	6.39014D-04	6.62160D-03	2.26823D-03
234	2.05370D-01	-3.49418D-04	-5.92835D-03	6.39025D-04	6.62495D-03	2.26839D-03
235	1.63981D-01	3.68128D-03	-6.13361D-03	6.37406D-04	6.62093D-03	2.28820D-03

236	3.78207D-09	6.70117D-03	6.63486D-09	2.04503D-03	5.15057D-04	8.11164D-05
237	8.30294D-05	6.70101D-03	-2.04971D-03	2.02343D-03	5.00878D-04	7.54410D-05
238	5.17656D-04	6.70072D-03	-1.41196D-02	1.98970D-03	4.82583D-04	6.63188D-05
239	5.17848D-04	6.30523D-03	-1.11186D-02	1.98970D-03	4.78219D-04	6.38443D-05
240	9.01861D-04	6.69817D-03	-2.59445D-02	1.94994D-03	4.75096D-04	5.90119D-05
241	1.96418D-05	6.10134D-04	-2.10904D-03	-5.07385D-04	-3.60252D-05	4.39522D-06
242	1.90604D-06	3.97276D-04	-1.14180D-04	-2.98071D-04	-1.79724D-05	-3.63949D-05
243	2.78459D-06	7.33605D-04	-1.70520D-04	-3.18034D-04	3.83652D-06	-2.17342D-05
244	-4.69538D-05	5.32429D-04	-3.54470D-06	3.33556D-05	3.20167D-06	-5.39795D-05
245	-2.44740D-05	2.88719D-04	-2.37935D-06	3.60458D-05	3.24420D-06	-3.89293D-05
246	2.21565D-04	2.88826D-04	2.25507D-04	3.61343D-05	3.24420D-06	-3.90163D-05
247	-5.09127D-06	6.42111D-05	-1.29330D-06	2.67444D-05	2.32846D-06	-2.36638D-05
248	-8.05052D-05	-1.20635D-05	-1.01144D-05	-1.02627D-05	-5.25441D-06	-3.60457D-05
249	-4.29140D-05	-3.21172D-05	-6.94927D-06	-1.89590D-06	-5.49680D-06	-2.59770D-05
250	1.21170D-04	-3.21290D-05	-1.89607D-05	-1.90336D-06	-5.49680D-06	-2.60246D-05
251	-9.28471D-06	-1.81521D-05	-3.77747D-06	1.05344D-06	-4.02044D-06	-1.57905D-05
252	4.66124D-03	4.74213D-03	3.57393D-03	1.87379D-04	-1.70642D-04	1.82328D-05

M O D A L A N A L Y S I S

MODE NUMBER 45
FREQUENCY= 32.1273 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	2.68431D-01	-1.93070D-01	-7.12940D-02	-1.31694D-03	-3.66856D-03	4.19642D-03
3	2.29313D-01	-2.16794D-01	-7.96749D-02	9.71975D-04	-1.76234D-03	7.34714D-03
4	9.25857D-02	-2.16554D-01	-6.02169D-02	1.04320D-03	-1.82919D-03	7.63556D-03
5	-2.08838D-02	-1.70668D-01	-3.67941D-02	4.21962D-04	-1.72088D-03	7.65819D-03
6	-4.51030D-02	-4.98534D-02	-2.53034D-05	-1.77601D-03	-1.52409D-03	4.38634D-03
7	-1.43332D-02	2.78670D-02	5.86200D-02	-2.79998D-03	-8.23066D-04	1.60041D-03
8	-3.97663D-02	-1.39322D-01	3.56244D-02	-1.44457D-03	1.05362D-03	6.58970D-04
9	-1.14744D-01	-1.86808D-02	-3.94738D-02	7.75577D-05	-2.78570D-04	8.84252D-04
10	-1.06807D-01	-2.11914D-06	-3.03205D-02	2.24661D-04	-9.48791D-04	9.89804D-04
11	6.15088D-03	3.03435D-02	3.64132D-02	-2.96407D-04	3.01335D-05	1.01897D-04
12	-7.38588D-03	1.96334D-06	3.69021D-02	-5.19339D-04	1.60787D-04	-1.14558D-04
13	-8.03194D-03	-4.68268D-03	3.46098D-02	-3.68005D-04	-2.58563D-04	-2.50304D-04
14	-8.26321D-03	9.67161D-04	-2.92844D-03	-4.56226D-05	1.49689D-05	1.45588D-04
15	-1.12891D-03	-4.61978D-03	-2.91088D-03	-8.67203D-05	-1.18921D-04	-7.38901D-05
16	6.40746D-04	-3.23585D-03	-3.75973D-03	-7.24288D-05	1.67598D-05	-1.99087D-04
17	7.79994D-04	1.85810D-02	3.86095D-03	-9.08869D-05	1.07820D-04	-1.50875D-04
18	1.45308D-03	2.03537D-02	5.45162D-03	-7.44271D-05	9.62836D-05	-1.40559D-05
19	2.56014D-03	2.09814D-02	6.53642D-03	-8.78258D-05	7.82606D-05	6.37548D-05
20	2.95161D-03	1.95264D-02	7.23805D-03	-7.98760D-05	1.49421D-05	1.86082D-04
21	3.01528D-03	5.97521D-03	5.73569D-03	-1.15839D-04	-5.22661D-05	2.50750D-04
22	5.72313D-04	8.32354D-04	2.10082D-03	-9.37398D-05	-5.46316D-05	7.53232D-05
23	-1.42568D-10	3.46023D-10	1.50396D-10	-1.26398D-08	-4.12769D-09	3.63552D-09
25	5.40570D-03	-4.87962D-03	1.71928D-03	-8.30009D-05	-8.11528D-05	3.92089D-05
26	4.79090D-03	-5.99172D-03	6.74027D-04	-6.09159D-05	-3.03622D-05	1.31270D-04
27	3.30161D-03	-5.98830D-03	4.61075D-06	-6.05707D-05	-2.91896D-05	1.36167D-04
28	8.43238D-05	-2.90728D-03	-6.98218D-04	-5.89799D-05	-2.16137D-05	1.09850D-04
29	7.91425D-05	-1.69966D-03	-4.63554D-04	-5.81994D-05	-2.08723D-05	1.01035D-04
30	-4.82482D-05	1.38158D-03	-2.97214D-03	-6.85630D-05	1.39736D-05	1.95313D-05
31	8.92083D-05	-2.27743D-04	2.06302D-03	-6.66424D-05	7.34550D-06	4.60683D-05
32	2.22031D-03	4.62651D-04	4.13746D-03	-1.24402D-06	-8.46255D-05	7.49847D-05
33	6.04438D-03	1.10575D-03	3.80895D-03	2.16896D-05	-1.56224D-04	9.52159D-05
34	1.32873D-02	-7.83820D-03	-3.54083D-03	4.55216D-05	6.61716D-05	1.14198D-04
35	1.11697D-02	-7.41865D-03	-2.84494D-03	9.60464D-05	2.00916D-04	8.31880D-05
36	-6.89495D-02	2.94867D-02	1.28758D-02	-3.73576D-03	-1.80877D-03	4.76324D-03
37	-1.10147D-01	7.88052D-02	-8.22349D-03	-1.57886D-03	-7.05896D-04	1.03176D-03
38	3.01851D-05	8.43279D-02	-2.35404D-02	-8.04810D-05	1.15280D-03	-5.61456D-04
39	4.94967D-04	4.36848D-02	-2.11841D-02	-1.34467D-03	-9.61226D-04	1.32699D-03
40	2.76021D-03	3.96654D-02	-9.25797D-03	-3.06090D-03	-4.22673D-04	-2.96514D-05
41	2.23985D-03	3.96405D-02	1.30819D-02	-3.28900D-03	-3.80426D-04	-1.08151D-04
42	-1.14072D-03	-8.14221D-04	4.98711D-02	-4.83510D-03	1.39619D-04	-8.30000D-04
43	-4.06575D-03	-8.09040D-02	4.99810D-02	-4.82736D-03	2.16947D-04	-1.06427D-03
44	-7.23249D-03	-1.07504D-01	5.36828D-02	-4.01914D-03	3.53206D-04	-2.01707D-03
45	-6.94311D-03	-3.96660D-02	1.96048D-02	-1.17995D-03	3.25844D-04	7.33112D-04
46	-7.00473D-03	-4.13728D-02	2.01780D-02	-1.07595D-03	8.93606D-05	2.01894D-04
47	-2.06248D-04	-5.86478D-03	2.74661D-04	-6.54579D-05	-1.45440D-06	4.17692D-05
48	-1.96598D-04	-6.17896D-03	2.61417D-04	-2.33689D-05	-3.12145D-06	-1.64902D-05
49	2.89159D-04	1.23465D-03	-1.58569D-04	3.58153D-06	-3.01347D-06	-5.75489D-05
50	3.36145D-04	8.68332D-04	-1.59015D-04	-2.31606D-05	-6.82213D-07	-4.73746D-05
51	3.39082D-04	5.60583D-04	-1.55390D-04	-2.37587D-05	-4.35040D-07	-4.60701D-05

52	3.02878D-06	6.10526D-07	-2.46528D-06	-5.88819D-07	-4.81044D-07	-1.39303D-06
53	3.82170D-13	5.09629D-12	-2.02990D-12	-7.03948D-11	-4.16885D-11	-1.57701D-10
54	-1.28401D-03	-1.82965D-03	-1.96901D-03	-9.61867D-06	1.97480D-05	-3.92993D-05
55	-3.05706D-03	-2.34736D-03	-2.47705D-03	1.16978D-05	9.56439D-05	-7.35760D-05
56	-4.35342D-03	-1.51604D-03	-1.84255D-03	3.64722D-05	6.11007D-05	-1.10916D-04
57	-3.90786D-03	-1.52703D-03	-3.15893D-03	-1.67615D-04	4.60650D-05	2.49367D-04
58	-1.83626D-03	-4.37920D-03	-1.40584D-03	-1.19681D-04	1.73506D-05	1.36578D-04
59	-2.15169D-04	-4.36918D-03	3.02219D-04	-8.27366D-05	-2.01914D-06	4.62222D-05
60	-9.95072D-02	-1.91432D-02	-6.73906D-02	-1.61088D-03	-4.69034D-05	-1.59399D-03
61	-1.26970D-02	-7.16674D-02	-9.59210D-02	8.40953D-04	-1.30192D-04	-5.63944D-03
62	-1.10909D-01	2.13062D-02	-1.37166D-01	3.59696D-03	1.62973D-03	-2.01547D-03
63	-1.11172D-01	2.99659D-02	-1.20987D-01	2.52818D-03	-3.59866D-03	-3.57469D-04
64	-1.11537D-01	4.76119D-02	2.14879D-01	-1.73389D-03	-4.57739D-03	2.20178D-04
65	-8.93934D-02	3.64296D-02	2.00949D-01	-6.21577D-03	-1.60261D-03	-2.30971D-03
66	-1.73771D-02	3.64629D-02	4.05899D-03	-6.44836D-03	-1.51618D-03	-2.26293D-03
67	1.54194D-02	-2.07892D-03	-5.80620D-02	-3.10492D-04	-1.17709D-03	1.78516D-03
68	1.01508D-01	2.49820D-01	-1.09904D-02	-2.09450D-03	5.39844D-04	1.39554D-03
69	9.27586D-02	2.19806D-01	-1.30232D-02	-5.73152D-03	1.59071D-03	1.95134D-04
70	2.55744D-02	-2.26500D-02	-1.33635D-02	-5.17637D-03	1.38680D-03	-1.31484D-03
71	1.06798D-02	-7.46675D-02	-2.23024D-02	-3.78262D-03	1.71313D-03	-2.67223D-03
72	-1.29903D-02	-8.71469D-02	-3.70599D-03	-7.19824D-04	2.48435D-03	-7.63716D-04
73	-3.65015D-03	-9.03852D-02	-3.49932D-02	5.27673D-04	1.18110D-03	6.29720D-04
74	1.48544D-02	-7.41923D-02	-4.48380D-02	-3.85026D-04	-3.74171D-04	9.17116D-04
76	2.51258D-02	7.31286D-04	2.58157D-02	-4.74106D-03	1.09967D-03	-1.49510D-05
77	2.47093D-02	-1.19826D-02	5.20071D-02	-4.48203D-03	9.90384D-04	6.96223D-04
78	8.86493D-04	-3.81167D-02	7.81613D-03	-2.58944D-03	1.95744D-03	2.32909D-04
79	8.75865D-02	-3.97075D-02	-4.83224D-02	2.41333D-03	3.67209D-03	1.30850D-03
80	6.78961D-03	-3.14171D-03	-3.39349D-04	3.51461D-04	5.96597D-04	3.41727D-04
82	-4.17919D-03	7.32440D-04	-3.23102D-02	2.23524D-03	-7.54670D-04	-2.94866D-04
83	-4.06985D-03	1.79980D-03	-3.74807D-02	1.25144D-03	-1.04282D-03	-4.24411D-04
84	1.95136D-03	1.03430D-03	-2.05748D-02	5.83681D-04	-9.34401D-04	-2.94329D-04
85	2.29405D-03	2.84086D-04	-1.69958D-02	-9.87443D-05	-8.97801D-04	-1.44871D-04
86	5.60648D-05	2.48419D-04	-1.75122D-04	-2.40297D-04	-4.39407D-05	-3.25598D-05
87	4.21244D-05	1.26468D-04	8.39057D-06	-1.14859D-04	-3.94390D-06	-4.04565D-05
88	3.58684D-05	2.36165D-04	5.82573D-06	6.21867D-06	-2.49603D-06	-3.95747D-05
90	-4.28116D-06	2.41858D-04	-8.20054D-05	-1.34328D-04	3.31832D-05	-2.50004D-05
91	-8.20284D-05	8.30658D-07	-1.89761D-05	-1.24131D-05	-2.64988D-06	-3.04904D-05
93	4.43025D-02	-3.33655D-02	-1.16637D-02	-1.29017D-03	-2.31454D-03	1.59185D-03
94	1.96929D-01	-1.44019D-01	-5.22542D-02	-1.60622D-03	-3.64626D-03	3.51000D-03
95	-5.30826D-02	-8.77303D-02	-1.52979D-02	-1.43465D-03	-1.54582D-03	4.77842D-03
96	-5.92567D-02	-4.74984D-03	7.60740D-03	-3.27278D-03	-1.75791D-03	4.78009D-03
97	-3.73030D-02	-1.91560D-02	1.48117D-02	-1.98567D-03	-1.44362D-03	3.80929D-03
98	-3.15300D-02	-1.38043D-06	2.57908D-02	-2.17606D-03	-1.35430D-03	3.30880D-03
99	-7.63933D-02	-1.21281D-01	-1.19781D-03	-6.66626D-06	1.23551D-03	1.59730D-03
100	-1.00399D-01	-7.99459D-02	-2.55001D-02	4.60436D-04	9.82367D-04	1.75256D-03
101	-1.15085D-01	-3.02550D-02	-3.98798D-02	3.19210D-04	1.19903D-04	1.25109D-03
102	-1.10940D-01	-7.60440D-03	-3.49191D-02	2.17288D-04	-7.03364D-04	9.98588D-04
103	-1.14652D-01	-1.88963D-02	-4.76678D-02	-9.72904D-04	-1.71951D-04	-4.39991D-04
104	4.93463D-03	2.74978D-02	3.67453D-02	-3.32799D-04	1.53190D-04	3.52359D-05
105	9.43525D-04	2.02659D-02	3.69564D-02	-3.38059D-04	1.93104D-04	-2.72716D-06
106	9.27192D-04	2.04548D-02	3.16080D-02	-1.91071D-04	1.80741D-04	1.03526D-06
107	-3.65019D-03	1.03972D-02	3.69363D-02	-4.90767D-04	2.06425D-04	-4.83427D-05
108	-8.06397D-03	-2.57769D-03	3.22139D-02	-3.53143D-04	-2.92876D-04	-2.53854D-04
109	-6.04328D-03	-2.53530D-03	3.20955D-02	8.23535D-05	-3.02619D-04	-1.71595D-04
110	-5.12694D-03	-2.03353D-03	3.20440D-02	6.12919D-05	-3.19930D-04	-1.36341D-04
111	-3.53709D-03	-1.89962D-03	3.19615D-02	-2.27273D-04	-3.62611D-04	-8.05223D-05
112	-1.26458D-03	-4.06282D-03	3.18958D-02	-6.41417D-04	-4.03431D-04	-4.45600D-05
113	-3.13170D-04	-8.32457D-03	-4.20934D-02	-3.65028D-03	-5.83950D-04	1.35234D-05
114	1.05776D-03	-5.46387D-03	3.19010D-02	-6.88293D-06	-3.77918D-04	-4.20390D-05
115	2.01915D-03	-4.72037D-03	3.19044D-02	3.44400D-04	-3.63749D-04	-3.98766D-05

116	3.21128D-03	-2.67912D-03	3.19082D-02	6.23198D-04	-3.52504D-04	-3.70964D-05
117	4.37698D-03	-2.33326D-07	3.19099D-02	7.21520D-04	-3.49109D-04	-3.70964D-05
118	3.19948D-03	-2.67974D-03	3.08477D-02	2.24791D-04	-3.70504D-04	2.21560D-05
119	7.04616D-03	5.50700D-03	3.19114D-02	7.22363D-04	-3.50188D-04	-3.70964D-05
120	3.55524D-03	-2.68094D-03	3.12381D-02	-2.81021D-04	-4.07362D-04	9.66836D-05
121	4.99841D-03	-3.45914D-03	3.24374D-02	-3.10119D-04	-4.10092D-04	1.00878D-04
122	-8.10208D-03	2.17882D-07	2.89603D-02	-3.41058D-04	-3.18262D-04	-2.52599D-04
123	-8.17115D-03	4.83313D-03	2.25804D-02	-3.18095D-04	-3.42159D-04	-2.25966D-04
124	-8.32590D-03	1.14728D-02	6.48780D-03	-2.60083D-04	-2.70259D-04	8.87099D-06
125	-8.35452D-03	1.10844D-02	3.88045D-03	-2.47997D-04	-2.26064D-04	8.57735D-05
126	-8.39938D-03	8.28591D-03	-3.06485D-04	-2.33011D-04	-1.49363D-04	1.94880D-04
127	-1.52700D-02	7.76377D-03	-7.42431D-03	-2.64501D-04	-1.43393D-04	2.65848D-04
128	-8.33404D-03	4.03866D-03	-2.54189D-03	-1.53975D-04	-7.33588D-05	1.88431D-04
129	-8.30945D-03	2.87515D-03	-2.85194D-03	-1.15733D-04	-4.05154D-05	1.76844D-04
130	-7.39423D-03	1.02202D-03	-2.91731D-03	1.35211D-05	1.04535D-04	1.28250D-04
131	-8.12095D-03	3.93671D-04	-2.92747D-03	-5.60295D-05	-2.94221D-05	1.13822D-04
132	6.63718D-04	2.00164D-07	-3.23767D-03	-7.53963D-05	4.54795D-05	-2.29912D-04
133	2.97088D-03	1.62204D-02	7.23807D-03	-9.00101D-05	-1.14176D-05	2.30305D-04
134	-4.40848D-03	-2.81732D-08	-2.89905D-03	8.15931D-05	2.01519D-04	1.01456D-04
135	-7.57759D-04	-1.68699D-03	-2.88190D-03	1.16979D-04	2.46838D-04	7.78132D-03
136	4.78707D-03	-4.42736D-03	-2.86262D 03	1.22346D-04	2.49172D-04	5.82683D-05
137	4.12753D-03	-4.73940D-03	9.68078D-04	1.28148D-04	2.50579D-04	4.04254D-05
138	9.85581D-03	-6.81270D-03	-2.84945D-03	1.04677D-04	2.20282D-04	7.50148D-05
139	1.29550D-02	-4.55303D-03	-3.14661D-03	5.11803D-06	-8.03455D-05	1.37729D-05
140	8.32774D-03	-2.70677D-07	1.51901D-03	1.11883D-05	-1.58863D-04	1.12515D-04
141	6.95654D-03	7.02531D-04	2.89458D-03	1.85529D-05	-1.58677D-04	1.00415D-04
142	7.34403D-03	8.97974D-04	3.30085D-03	-8.32770D-05	-1.34005D-05	9.01346D-05
143	7.30259D-03	8.64470D-04	3.26756D-03	-1.09698D-04	4.00117D-05	1.02941D-04
144	7.02179D-03	8.14685D-04	2.99979D-03	-1.30323D-04	1.12631D-04	1.44440D-04
145	6.44757D-03	9.31569D-04	2.43592D-03	-1.24602D-04	1.48162D-04	1.90187D-04
146	-3.67984D-03	9.30058D-04	2.81151D-03	7.64922D-05	1.59846D-04	4.49503D-04
147	5.76715D-03	9.21843D-04	1.75472D-03	-1.80748D-04	1.67644D-04	1.40462D-04
148	5.43958D-03	7.57274D-04	1.42677D-03	-2.12958D-04	1.78823D-04	1.13761D-04
149	4.99336D-03	4.16572D-04	9.80116D-04	-2.40077D-04	1.88012D-04	9.37225D-05
150	4.53001D-03	2.72693D-08	5.16551D-04	-2.48227D-04	1.91378D-04	8.55727D-05
151	5.37555D-03	4.16631D-04	1.69217D-03	-2.96789D-04	1.55658D-04	1.88009D-05
152	3.49973D-03	-8.77906D-04	-5.13919D-04	-2.48322D-04	1.91053D-04	8.54774D-05
153	6.76307D-03	4.16742D-04	3.51362D-03	-3.67822D-04	8.94079D-05	3.06818D-04
154	7.83740D-03	3.10129D-04	4.81928D-03	-3.71769D-04	8.45009D-05	3.13532D-04
155	1.70949D-03	1.99939D-07	3.63608D-03	-1.20174D-05	-7.26586D-05	6.98524D-05
156	3.92383D-04	-6.22251D-04	2.35716D-03	-5.23295D-05	-2.46761D-05	5.39849D-05
157	1.25928D-04	-5.69824D-04	2.10001D-03	-5.92521D-05	-1.17452D-05	5.48300D-05
158	-1.55987D-03	-3.85512D-04	6.17472D-04	-5.62760D-05	-1.23469D-05	6.19701D-05
159	6.12018D-05	-3.27744D-04	2.03562D-03	-6.48503D-05	-4.58040D-07	4.85266D-03
160	2.16064D-04	-1.03542D-07	2.19061D-03	-6.66720D-05	2.07888D-05	4.47093D-05
161	2.00383D-03	8.29553D-05	4.38137D-03	-5.61916D-05	2.24207D-05	4.36905D-05
162	1.37401D-03	2.14994D-08	2.85229D-03	-6.40321D-05	-5.24545D-05	1.26725D-05
163	1.03887D-03	2.78720D-04	1.94181D-03	-6.70779D-05	-5.82529D-05	4.39581D-06
164	8.24997D-04	5.20357D-04	1.29383D-03	-6.86016D-05	-5.94517D-05	4.50106D-07
165	2.95883D-05	1.75798D-03	-2.12439D-03	-7.07646D-05	-3.86654D-05	2.03004D-06
166	-4.18620D-03	8.42565D-02	-2.31503D-02	-4.88731D-05	1.13265D-03	-6.24518D-04
167	5.83643D-03	8.46505D-02	-2.42162D-02	-1.00888D-04	1.15211D-03	-5.68779D-05
168	1.99178D-03	8.84977D-02	-1.43082D-02	-9.83679D-05	1.15165D-03	-4.71727D-04
169	4.81172D-03	8.97396D-02	-1.02314D-03	-2.82111D-04	6.42199D-04	3.05131D-04
170	2.84158D-03	5.72242D-02	-1.02015D-02	-1.01739D-03	-8.24826D-04	1.39039D-03
171	8.43468D-03	5.72461D-02	-6.75514D-03	-1.05994D-03	-8.24826D-04	1.92640D-03
172	1.40852D-02	5.72633D-02	-3.86680D-03	-1.08551D-03	-8.24826D-04	2.22807D-03
173	2.56493D-02	5.72718D-02	1.70956D-03	-1.08923D-03	-8.24826D-04	2.26632D-03
174	4.10577D-02	5.72735D-02	9.08641D-03	-1.09438D-03	-8.24826D-04	2.28955D-03
115	2.01915D-03	4.72037D-03	-3.19044D-02	-3.44400D-04	-3.63749D-04	3.98766D-05

176	2.58405D-03	3.96552D-02	2.03229D-07	-3.16185D-03	-4.04567D-04	-6.43840D-05
177	-7.20212D-03	-6.56083D-08	5.61192D-02	-3.25073D-03	-4.82503D-04	-1.60268D-03
178	-7.10295D-03	3.54101D-02	1.13757D-07	-2.20195D-03	-3.23784D-04	6.40299D-04
179	1.61378D-03	-4.64037D-08	-6.83327D-03	-5.29602D-04	-2.28361D-04	-6.25659D-04
180	2.93470D-04	-5.75088D-03	-1.07463D-03	-3.74967D-04	9.60572D-05	7.81266D-06
181	8.39675D-05	-6.66247D-03	-2.74856D-04	-3.33873D-04	7.09387D-05	-3.60028D-05
182	-2.26183D-04	-3.49573D-03	3.65770D-04	-8.43161D-05	-4.93276D-06	2.69179D-05
183	-2.19631D-04	-3.85716D-03	3.31894D-04	-8.33093D-05	-3.83226D-06	3.46761D-05
184	-7.90081D-04	-4.35004D-03	-4.27368D-04	-1.03653D-04	7.80344D-06	9.49328D-05
185	-2.11304D-04	-4.97537D-03	2.90163D-04	-7.67222D-05	-1.58520D-06	4.67633D-05
186	4.47287D-05	-3.52675D-03	5.18461D-05	2.25356D-05	-4.24316D-06	-6.53185D-05
187	7.87732D-05	-2.84340D-03	2.21551D-05	2.39047D-05	-4.15304D-06	-6.76204D-05
188	1.10011D-04	-2.19313D-03	-4.72132D-06	2.24291D-05	-4.01989D-06	-6.73382D-05
189	3.37737D-04	7.15525D-04	-1.57107D-04	-2.34872D-05	-5.73364D-07	-4.67609D-05
190	-8.04105D-06	3.23340D-08	-2.39759D-08	-6.52857D-05	3.15435D-05	-3.81727D-06
191	7.09792D-05	-7.98816D-08	-1.04418D-04	-5.88822D-05	-1.96734D-05	7.79088D-05
192	7.40175D-05	-5.82966D-04	-2.35426D-04	-5.86286D-05	-2.01802D-05	8.83827D-05
193	-7.85465D-04	-1.71182D-03	-9.53074D-04	-4.58576D-05	-1.76501D-05	8.30866D-05
194	4.04677D-03	-3.69925D-03	1.23979D-03	-8.10555D-05	-8.13508D-05	2.75596D-05
195	1.04396D-03	-9.68285D-04	3.20280D-04	-5.21583D-05	-5.44650D-05	6.93507D-06
196	-1.56114D-03	-1.82813D-03	-1.90858D-03	-8.58326D-06	1.93410D-05	-3.91210D-05
197	-9.08603D-04	-1.84043D-03	-2.09313D-03	-1.14083D-05	1.97937D-05	-3.85753D-05
198	-1.43374D-03	-1.99571D-03	-2.01237D-03	-8.13071D-06	2.12827D-05	-4.09002D-05
199	-4.50178D-03	-4.32253D-04	-1.37650D-03	3.38832D-05	3.22227D-05	-1.16299D-04
200	-4.49124D-03	1.77001D-03	-1.44220D-03	2.53719D-05	-3.02080D-05	-1.16162D-04
201	-4.91711D-03	1.77002D-03	-1.54671D-03	3.54123D-05	-3.64404D-05	-1.35480D-04
202	-5.20427D-03	1.77001D-03	-1.62423D-03	3.81939D-05	-4.03225D-05	-1.39333D-04
203	-5.69694D-03	2.31367D-03	-1.95620D-03	3.31509D-05	-4.93888D-05	-1.21213D-04
204	-5.58276D-03	3.16431D-03	-2.33460D-03	2.36449D-05	-5.07528D-05	-9.33804D-05
205	-5.47960D-03	3.84269D-03	-2.66103D-03	3.13462D-05	-5.26660D-05	-1.21395D-04
206	-4.21437D-03	3.83870D-03	-2.36856D-03	1.22443D-05	-6.48082D-05	-1.02069D-04
207	-3.44338D-03	6.84080D-03	-4.89550D-03	-1.74770D-05	-5.00886D-05	-6.61618D-05
208	-3.83953D-03	-4.59820D-08	-3.40042D-03	-1.59373D-04	4.67999D-05	2.30730D-04
209	-1.46374D-02	-8.86294D-02	-9.80425D-02	2.18507D-03	7.59200D-04	-6.09624D-03
210	-2.11854D-02	-9.05035D-02	-1.00847D-01	2.34768D-03	8.94451D-04	-6.13110D-03
211	1.16760D-01	-9.62377D-02	-5.35981D-02	2.23306D-03	9.02083D-04	-6.39452D-03
212	-2.95122D-02	-8.96876D-02	-1.04225D-01	2.56851D-03	1.02108D-03	-5.90630D-03
213	-9.75712D-02	-1.28002D-06	-1.31797D 01	3.90644D-03	1.81528D-03	-2.44699D-03
214	1.85012D-02	3.58947D-07	-5.63624D-02	-1.88435D-04	-1.17344D-03	1.86719D-03
215	4.03992D-02	3.14902D-02	-1.32864D-02	-5.74369D-03	1.57277D-03	-9.56050D-04
216	2.54402D-02	-1.04791D-02	-1.04728D-04	-5.04034D-03	1.28610D-03	-9.69183D-04
217	2.55867D-02	-4.02052D-02	-2.72432D-02	-4.75636D-03	1.33997D-03	-1.67125D-03
218	-1.72259D-02	-8.73958D-02	-1.62136D-07	-5.46731D-04	2.41348D-03	-6.53846D-04
219	-1.96660D-02	-9.00768D-02	-1.93024D-02	5.74258D-04	1.46858D-03	4.54367D-04
220	-1.87423D-02	-9.00903D-02	-2.04649D-02	5.73937D-04	1.46266D-03	4.59023D-04
221	-1.89286D-02	-8.75463D-02	-2.85781D-02	5.73902D-04	1.46318D-03	4.57434D-04
222	-1.78035D-02	-9.00995D-02	-2.16191D-02	5.73438D-04	1.45623D-03	4.64604D-04
223	-8.70388D-03	-9.03528D-02	-3.07520D-02	5.41055D-04	1.25122D-03	5.98582D-04
224	-7.48746D-03	-9.03603D-02	-3.18370D-02	5.39547D-04	1.24479D-03	6.01393D-04
225	-7.59076D-03	-8.70496D-02	-3.87656D-02	5.39521D-04	1.24549D-03	5.99822D-04
226	-6.26265D-03	-9.03634D-02	-3.29090D-02	5.38071D-04	1.23769D-03	6.05023D-04
227	9.27768D-03	-4.05426D-02	-2.80794D-02	-3.51058D-04	-5.89677D-04	8.83705D-04
228	2.52440D-02	-1.31379D-06	1.67987D-02	-4.85073D-03	1.16207D-03	-3.69974D-04
229	2.51418D-02	7.31871D-04	5.39242D-02	-4.02695D-03	1.00114D-03	-1.08923D-05
230	2.51112D-02	7.32214D-04	6.91470D-02	-3.54612D-03	9.39309D-04	-2.86432D-05
231	8.73132D-07	-3.81666D-02	2.74027D-07	-2.54481D-03	1.97737D-03	1.73777D-04
232	9.90954D-02	-3.97580D-02	-6.90859D-02	2.32796D-03	3.65503D-03	1.19643D-03
233	9.66264D-02	-3.97557D-02	-6.43699D-02	2.33911D-03	3.65836D-03	1.21048D-03
234	1.16892D-01	-5.28013D-02	-6.40704D-02	2.34011D-03	3.66041D-03	1.21062D-03
235	9.41008D-02	-3.97507D-02	-5.96169D-02	2.34841D-03	3.65974D-03	1.22294D-03

236	1.23462D-09	7.34333D-04	-2.13279D-08	2.34918D-03	-7.24240D-04	-3.02227D-04
237	-3.01727D-04	7.34288D-04	-2.36948D-03	2.33445D-03	-7.39697D-04	-3.01026D-04
238	-2.10331D-03	7.34210D-04	-1.63421D-02	2.30497D-03	-7.59640D-04	-2.99438D-04
239	-2.10417D-03	2.63099D-03	-2.12107D-02	2.30497D-03	-7.68824D-04	-3.00582D-04
240	-3.88607D-03	7.33102D-04	-3.00583D-02	2.26596D-03	-7.56840D-04	-2.96449D-04
241	1.60633D-04	2.51521D-04	-1.35689D-03	-3.08579D-04	-1.17319D-04	-2.35395D-05
242	5.55601D-05	6.54429D-05	-3.94903D-05	-1.86779D-04	-3.23260D-05	-3.58372D-05
243	5.84835D-05	4.00858D-04	-2.22396D-04	-1.94985D-04	-1.36086D-05	-2.98002D-05
244	3.27129D-05	2.18303D-04	4.92203D-06	1.12084D-05	-2.52704D-06	-3.25641D-05
245	1.68944D-05	1.24124D-04	3.40440D-06	1.41760D-05	-2.32273D-06	-2.35189D-05
246	1.65710D-04	1.24175D-04	9.30773D-05	1.42164D-05	-2.32273D-06	-2.35906D-05
247	3.35928D-06	3.00671D-05	1.85050 -0[illegible]	1.10681D-05	-1.63442D-06	-1.42964D-05
248	-7.55538D-05	-3.60015D-06	-1.59946D-05	-6.78553D-06	-4.17090D-06	-2.50617D-05
249	-4.20908D-05	-1.82312D-05	-1.09875D-05	-1.48489D-06	-4.97104D-06	-1.80577D-05
250	7.19529D-05	-1.82388D-05	-2.04209D-05	-1.49360D-06	-4.97104D-06	-1.80888D-05
251	-9.89021D-06	-1.10659D-05	-5.97257D-06	4.64996D-07	-3.80656D-06	-1.09766D-05
252	-1.70319D-03	-2.15667D-03	-2.08348D-03	9.28679D-07	5.06476D-05	-5.22410D-05

M O D A L A N A L Y S I S

MODE NUMBER 46
FREQUENCY= 32.4251 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
2	4.32551D-03	-2.46508D-03	-1.10179D-03	-6.47782D-06	-5.86973D-05	6.10617D-05
3	3.96828D-03	-2.29561D-03	-5.07955D-04	7.77512D-05	-3.13579D-05	9.38282D-05
4	2.21808D-03	-2.29451D-03	9.48943D-04	7.66523D-05	-3.29018D-05	9.80994D-05
5	7.53278D-04	-1.59647D-03	1.93026D-03	2.39608D-05	-1.76649D-05	9.91570D-05
6	1.34247D-04	-2.78904D-04	1.85421D-03	-4.29990D-05	1.64239D-05	4.97322D-05
7	-4.75683D-04	4.28486D-04	7.69954D-04	-3.71243D-05	3.02688D-05	3.22383D-05
8	-2.42050D-03	2.04916D-04	-1.92517D-03	-1.53593D-05	4.35044D-06	2.74442D-06
9	-1.73292D-03	-1.71964D-04	-1.22493D-03	2.01553D-05	-2.08744D-05	-8.88364D-06
10	-1.41860D-03	2.39978D-09	-9.12620D-04	2.18616D-05	-2.84193D-05	-7.63045D-06
11	9.14548D-04	1.07036D-03	5.16972D-04	-8.62208D-06	2.47567D-05	-2.71204D-05
12	-2.03179D-03	3.43809D-08	5.17342D-04	-1.19806D-05	4.95492D-05	-1.61558D-05
13	-3.01099D-03	5.75707D-05	1.33520D-03	8.53899D-06	2.70553D-05	6.68311D-08
14	-2.96739D-03	-9.68799D-05	3.91839D-05	7.05239D-06	2.75408D-06	-5.41946D-05
15	-1.30665D-03	-1.24870D-03	4.28371D-05	-2.58877D-05	-3.12153D-05	-5.04800D-05
16	-7.29524D-04	-7.69740D-04	-3.81286D-04	-2.57821D-05	-9.65448D-06	-5.10362D-05
17	-6.88199D-04	3.62637D-03	2.03395D-04	-2.00312D-05	1.89652D-05	-2.51337D-05
18	-5.29838D-04	3.90068D-03	5.45657D-04	-1.50382D-05	2.47026D-05	2.70218D-06
19	-2.19515D-04	3.95670D-03	8.47612D-04	-1.68297D-05	2.29715D-05	1.74940D-05
20	-8.76884D-05	3.60165D-03	1.10382D-03	-1.52039D-05	9.91455D-06	3.96086D-05
21	-5.91639D-05	9.46855D-04	1.09613D-03	-2.18148D-05	-7.48207D-06	4.42871D-05
22	-2.51994D-04	1.59657D-04	3.97885D-04	-1.78026D-05	-1.34302D-05	1.39808D-06
23	-8.17358D-11	7.31603D-11	2.56358D-11	-2.39692D-09	-1.40379D-09	-1.31253D-09
25	-3.97794D-01	3.89932D-01	-1.27017D-01	6.32079D-03	5.89789D-03	-2.75443D-03
26	-3.40393D-01	4.61139D-01	-6.94027D-02	2.97060D-03	1.76581D-03	-1.01516D-02
27	-2.25276D-01	4.60889D-01	-3.72360D-02	2.90848D-03	1.64175D-03	-1.05186D-02
28	2.19577D-02	2.24335D-01	-5.08711D-03	2.81627D-03	5.96314D-04	-8.45470D-03
29	2.23291D-02	1.31375D-01	-1.11031D-02	2.75466D-03	4.92007D-04	-7.78403D-03
30	2.88816D-02	-7.17132D-02	-9.77632D-03	1.66030D-03	6.50052D-05	-1.15853D-03
31	1.93611D-02	-1.88707D-03	1.60243D-0[illegible]	-7.57079D-04	5.39078D-04	5.21006D-04
32	2.25008D-03	1.72029D-03	-1.185[illegible]5D-03	-1.77478D-04	3.85597D-05	4.36292D-04
33	2.33385D-03	1.48025D-03	-1.20900D-03	5.54324D-05	1.58074D-06	2.23961D-04
34	1.69686D-03	-4.43912D-04	-2.17790D-04	1.39249D-06	1.63937D-05	-8.26423D-05
35	1.50300D-03	2.43589D-04	-9.82759D-05	2.49392D-06	2.19771D-05	-1.35262D-04
36	3.39488D-04	2.00209D-03	1.74845D-03	-1.45706D-04	1.45678D-05	9.96686D-05
37	-3.11779D-04	3.81128D-03	4.61534D-04	-6.69713D-05	1.98060D-05	3.98716D-05
38	-7.53862D-04	4.10829D-03	-2.18374D-04	-1.53129D-05	2.09088D-05	2.09201D-05
39	-9.84239D-04	1.85014D-03	-1.48742D-03	-1.20261D-04	-5.65189D-05	6.38965D-05
40	-6.40974D-04	1.59745D-03	-6.03663D-04	-1.99658D-04	-4.68654D-05	2.80655D-05
41	-4.59933D-04	1.59773D-03	8.45092D-04	-2.11614D-04	-5.00244D-05	1.94537D-05
42	-3.37418D-04	-8.31220D-04	3.10123D-03	-2.89870D-04	-2.39326D-05	-5.99147D-05
43	5.50828D-05	-5.66744D-03	3.10850D-03	-2.99314D-04	-2.06251D-05	-9.56509D-05
44	8.81183D-05	-7.29433D-03	3.19205D-03	-3.07343D-04	1.90312D-05	-1.58433D-04
45	1.15848D-04	-2.06748D-03	-5.28537D-04	-5.57632D-04	1.83552D-05	-1.18797D-04
46	1.06447D-04	-1.91009D-03	-4.67287D-04	-5.55729D-04	2.74766D-05	-1.65353D-04
47	-1.06919D-02	-1.66732D-02	2.68067D-02	-1.26648D-03	5.07482D-05	1.32147D-05
48	-1.03202D-02	-1.97911D-02	2.63580D-02	-8.79621D-04	-2.00265D-04	-5.16226D-04
49	1.47198D-02	2.28670D-02	3.68833D-03	-2.88110D-04	-1.16429D-06	-9.74076D-04
50	1.00143D-02	1.44142D-02	2.38550D-03	-3.08559D-04	3.28960D-04	-8.68394D-04
51	8.65986D-03	9.26493D-03	8.62974D-04	-3.02418D-04	3.26340D-04	-8.57401D-04

52	1.04525D-04	7.93295D-06	1.07611D-05	-5.89311D-06	1.85911D-05	-2.68739D-05
53	8.00462D-11	6.62193D-11	3.55504D-11	-5.92816D-10	1.61115D-09	-3.18765D-09
54	2.43027D-02	1.41719D-01	-2.41593D-02	-4.10126D-03	7.84944D-04	3.61812D-03
55	-5.44237D-03	2.63403D-02	-3.21411D-02	-4.65299D-03	1.12166D-03	2.78375D-03
56	-2.55482D-02	-3.82948D-02	-1.97931D-02	-3.99133D-03	1.34637D-03	1.65581D-03
57	-1.86613D-02	-6.62046D-05	-3.56219D-02	-2.48956D-03	1.36087D-03	-6.96991D-04
58	-1.76047D-02	-7.24068D-03	-4.48220D-03	-2.00066D-03	5.20596D-04	5.38733D-04
59	-1.00469D-02	-6.26623D-03	2.49001D-02	-1.46759D-03	1.24004D-04	1.21995D-04
60	-1.48911D-03	-1.75602D-04	-6.36995D-04	2.87003D-05	-1.78635D-05	-1.44551D-05
61	-7.86072D-04	-2.14249D-05	-6.63105D-0	1.81775D-05	-1.10980D-05	-4.22503D-05
62	-7.92310D-04	7.43496D-06	-5.81208D-05	1.08336D-05	6.57964D-06	-2.51084D-05
63	-8.17587D-04	-8.45383D-05	-4.50970D-05	1.38788D-05	-8.03297D-06	-2.06213D-06
64	-8.20468D-04	1.90787D-04	7.61641D-04	-3.99541D-06	-1.15134D-05	4.13604D-06
65	-6.69110D-04	1.36002D-04	6.93079D-04	-2.03554D-05	-3.60477D-06	-1.80594D-05
66	-9.32467D-05	1.37075D-04	4.08657D-05	-2.12358D-05	-4.92577D-06	-1.87205D-05
67	1.75201D-04	-1.05033D-05	-1.31433D-04	4.31357D-06	-5.20928D-06	-1.31350D-06
68	5.25669D-04	9.95580D-04	5.76896D-05	-7.28054D-06	3.68092D-06	3.55905D-06
69	4.72075D-04	8.79284D-04	4.48938D-05	-2.21938D-05	9.27700D-06	-9.09143D-07
70	9.39061D-05	-7.38023D-05	4.23222D-05	-2.06613D-05	7.17916D-06	-5.19043D-06
71	1.93715D-05	-3.08901D-04	-4.74364D-05	-1.41810D-05	9.79199D-06	-1.41129D-05
72	-1.25903D-04	-3.79568D-04	-6.33391D-06	-1.55998D-06	1.29732D-05	-6.51409D-06
73	-1.13987D-04	-3.92964D-04	-1.69435D-04	1.16291D-06	6.68293D-06	6.49507D-06
74	5.77758D-05	-2.57337D-04	-2.01012D-04	-1.99426D-06	-1.36681D-06	4.26464D-06
76	9.27351D-05	-1.19626D-05	2.18673D-04	-2.01068D-05	4.25902D-06	1.76797D-06
77	9.16540D-05	-1.24449D-04	3.05957D-04	-2.00281D-05	3.13957D-06	5.13020D-06
78	-1.62572D-06	-2.50978D-04	4.22024D-05	-1.38458D-05	6.15525D-06	-6.48998D-07
79	4.75030D-04	-2.57313D-04	-3.03067D-04	1.44928D-05	1.92364D-05	7.76624D-06
80	3.69065D-05	-2.21985D-05	-2.09272D-06	2.37263D-06	3.18309D-06	2.03051D-06
82	3.56107D-06	-1.38015D-05	-1.64182D-04	1.13779D-05	-5.27781D-06	2.55360D-07
83	1.51363D-05	-1.52791D-06	-1.84579D-04	6.57404D-06	-6.31455D-06	-1.41665D-06
84	5.13718D-05	5.03457D-06	-8.29602D-05	3.37338D-06	-5.60373D-06	-1.20376D-06
85	5.22910D-05	1.65056D-06	-6.38022D-05	6.07993D-08	-5.01247D-06	-1.50543D-06
86	1.12273D-06	1.44868D-06	-1.05452D-06	-1.06154D-06	-2.45379D-07	-5.13844D-07
87	9.97036D-07	-9.99611D-07	-1.92041D-08	-6.03625D-07	-5.35563D-08	-2.61109D-07
88	7.51626D-07	-6.73458D-08	3.89816D-08	-6.47788D-08	-5.68180D-08	-2.09451D-07
90	7.37840D-07	3.15688D-06	-5.24527D-07	-7.16524D-07	2.16872D-07	-1.72031D-07
91	9.26976D-08	1.46164D-06	-9.98838D-08	-1.74074D-07	2.81118D-08	-1.56708D-07
93	7.20648D-04	-4.90020D-04	-1.74451D-04	-1.76432D-05	-3.73295D-05	2.39621D-05
94	3.18025D-03	-1.93925D-03	-8.06130D-04	-1.54220D-05	-5.84167D-05	5.16668D-05
95	2.12816D-04	-5.91366D-04	1.98838D-03	-3.16008D-05	1.39070D-05	5.23098D-05
96	2.62241D-04	9.15084D-04	1.78849D-03	-1.21753D-04	1.50046D-05	8.89594D-05
97	3.65120D-05	-1.03271D-04	1.68305D-03	-4.34120D-05	1.96519D-05	4.29576D-05
98	-5.27497D-05	4.02028D-08	1.52628D-03	-4.24266D-05	2.22365D-05	4.00635D-05
99	-2.22012D-03	-1.62040D-04	-1.72054D-03	-4.34672D-06	-6.94596D-06	-4.40346D-06
100	-2.12514D-03	-2.84126D-04	-1.62430D-03	4.40761D-06	-7.66847D-06	-6.98515D-06
101	-1.87818D-03	-2.42428D-04	-1.37178D-03	1.58956D-05	-1.67757D-05	-8.59248D-06
102	-1.55290D-03	-7.12844D-05	-1.04608D-03	2.12980D-05	-2.54785D-05	-8.01788D-06
103	-1.63718D-03	-1.73662D-04	-9.78786D-04	2.53370D-05	-1.94887D-05	-1.11270D-05
104	6.69185D-04	9.75795D-04	5.17031D-04	-1.35260D-05	3.57265D-05	-2.95680D-05
105	-1.46192D-04	6.61982D-04	5.17006D-04	-1.61474D-05	4.24716D-05	-3.09619D-05
106	7.84477D-04	5.89613D-04	-1.65944D-05	-1.63644D-05	4.24899D-05	-3.46166D-05
107	-1.12422D-03	2.89591D-04	5.17242D-04	-1.64696D-05	4.75129D-05	-2.49225D-05
108	-3.01380D-03	4.47722D-05	1.53463D-03	1.30983D-05	2.33888D-05	2.48335D-06
109	-3.00212D-03	1.83464D-04	1.53044D-03	1.57348D-05	-2.32020D-05	-2.74834D-05
110	-2.90259D-03	2.31372D-04	1.52861D-03	8.94938D-06	-4.04897D-05	-4.03263D-05
111	-2.64617D-03	2.45381D-04	1.52560D-03	-1.14765D-05	-6.41225D-05	-6.06609D-05
112	-2.21935D-03	1.27874D-04	1.52330D-03	-3.32705D-05	-7.57905D-05	-7.37619D-05
113	2.76169D-04	1.04566D-04	-1.54363D-03	-1.42972D-04	-8.36700D-05	-9.41085D-05
114	-1.74565D-03	-3.71117D-06	1.52357D-03	-1.57279D-05	-8.08158D-05	-7.51485D-05
115	-1.52744D-03	-2.39161D-05	1.52374D-03	-6.14759D-06	-8.37306D-05	-7.63379D-05

116	-1.23757D-03	-2.05802D-05	1.52394D-03	1.27952D-06	-8.61530D-05	-7.78670D-05
117	-9.41149D-04	-6.60988D-09	1.52402D-03	4.04411D-06	-8.70850D-05	-7.78670D-05
118	-1.48904D-03	-2.06045D-05	1.55456D-03	-2.22565D-05	-7.62808D-05	-1.10468D-04
119	-2.77422D-04	3.08610D-05	1.52409D-03	4.04878D-06	-8.70407D-05	-7.78670D-05
120	-2.21303D-03	-2.06539D-05	1.76856D-03	-5.20757D-05	-5.60665D-05	-1.51450D-04
121	-2.67599D-03	-1.57476D-04	1.97904D-03	-5.37807D-05	-5.45693D-05	-1.53751D-04
122	-3.01703D-03	-5.09119D-10	1.74647D-03	1.86668D-05	1.93164D-05	5.26334D-06
123	-3.02192D-03	-1.49896D-04	2.04682D-03	2.92471D-05	1.05190D-05	9.02746D-06
124	-3.02681D-03	-6.80691D-04	1.92488D-03	5.59761D-05	-1.65020D-05	1.00238D-05
125	-3.02649D-03	-7.78954D-04	1.72755D-03	6.15447D-05	-2.23633D-05	8.80197D-06
126	-3.02538D-03	-9.47970D-04	1.18050D-03	6.84498D-05	-2.89825D-05	6.63612D-06
127	-3.61966D-03	-7.65800D-04	3.46220D-03	8.45767D-05	-2.75394D-05	2.37933D-05
128	-2.99748D-03	-7.67495D-04	4.20902D-04	4.25540D-05	-2.67409D-05	-2.09652D-05
129	-2.98701D-03	-5.95875D-04	2.31241D-04	3.00240D-05	-1.90360D-05	-3.31762D-05
130	-2.65658D-03	-1.03329D-04	2.05092D-05	-2.29185D-07	3.38786D-05	-8.08946D-05
131	-2.93982D-03	-7.73272D-05	3.97354D-05	-1.22760D-06	-6.60054D-06	-5.36570D-05
132	-7.23535D-04	4.81784D-08	-4.77333D-04	-2.48576D-05	-3.86265D-06	-5.25208D-05
133	-7.96877D-05	2.91227D-03	1.20585D-03	-1.70668D-05	3.89851D-06	4.67472D-05
134	-1.65631D-03	-4.24491D-08	-8.35972D-06	-5.54862D-06	6.07488D-05	-1.22158D-04
135	-5.71615D-04	1.05334D-04	-3.38299D-05	-5.82831D-06	6.36255D-05	-1.58567D-04
136	7.72659D-04	2.27827D-04	-6.13798D-05	-3.62992D-06	4.74608D-05	-1.88666D-04
137	6.80302D-03	5.90196D-04	-9.63770D-05	-4.22664D-06	4.93550D-05	-2.21109D-04
138	1.40136D-03	2.54556D-04	-8.82578D-05	6.13961D-07	2.65152D-05	-1.52778D-04
139	2.09944D-03	-1.69263D-03	-7.53512D-04	2.74485D-05	1.24737D-05	2.91537D-05
140	2.30234D-03	-4.30421D-07	-1.11186D-03	5.92567D-05	5.18160D-06	1.53765D-04
141	2.32538D-03	7.51211D-04	-1.17398D-03	6.10807D-05	3.45748D-06	1.90638D-04
142	2.28998D-03	1.43001D-03	-1.18948D-03	-1.02488D-05	8.39423D-06	8.25111D-05
143	2.26547D-03	1.50476D-03	-1.20537D-03	-2.25397D-05	1.16374D-05	5.44533D-05
144	2.21056D-03	1.51430D-03	-1.24652D-03	-1.94214D-05	1.80453D-05	3.26016D-05
145	2.11894D-03	1.57491D-03	-1.32724D-03	2.85449D-06	2.32567D-05	3.87899D-05
146	-3.15012D-03	1.78229D-03	3.46670D-03	2.57070D-04	3.36139D-05	2.64475D-04
147	2.01789D-03	1.39742D-03	-1.42877D-03	-6.25303D-05	2.42454D-05	-2.62031D-05
148	1.97219D-03	1.12219D-03	-1.47476D-03	-9.91316D-05	2.48238D-05	-6.24681D-05
149	1.91210D-03	6.08148D-04	-1.53517D-03	-1.28723D-04	2.53097D-05	-9.16277D-05
150	1.85101D-03	3.33101D-08	-1.59645D-03	-1.38706D-04	2.55056D-05	-1.01611D-04
151	1.68999D-03	6.08208D-04	-1.20238D-03	-1.25221D-04	2.33392D-05	-7.89086D-05
152	1.71353D-03	-1.29710D-03	-1.73409D-03	-1.38849D-04	2.55124D-05	-1.01753D-04
153	1.31685D-03	6.08316D-04	-5.43508D-04	-1.20607D-04	1.93044D-05	-6.27160D-05
154	1.03840D-03	2.77919D-04	-1.04174D-04	-1.20310D-04	1.90055D-05	-6.17695D-05
155	2.48564D-03	1.46160D-07	-9.50601D-04	-2.43208D-04	6.16027D-05	4.82548D-04
156	6.32545D-03	-4.45810D-03	2.88932D-03	-5.92072D-04	2.69840D-04	6.18947D-04
157	1.08583D-02	-4.39639D-03	7.51825D-03	-7.24205D-04	3.78997D-04	6.39699D-04
158	-6.48965D-03	-2.09511D-03	-1.43403D-02	-7.91516D-04	3.81207D-04	6.69845D-04
159	1.76169D-02	-2.43167D-03	1.42035D-02	-7.39492D-04	4.77327D-04	5.79500D-04
160	2.34806D-02	5.04235D-07	2.03431D-02	-7.97190D-04	6.36823D-04	3.96178D-04
161	5.30591D-02	2.98251D-02	5.75896D-02	-5.57919D-04	3.05461D-04	1.04920D-04
162	4.38386D-02	-8.47318D-07	3.91135D-02	5.73250D-04	-5.67110D-04	9.14067D-04
163	3.99897D-02	-2.06448D-02	2.95438D-02	8.13192D-04	-5.76898D-04	1.06684D-03
164	3.77828D-02	-3.64365D-02	2.35442D-02	9.49628D-04	-5.49193D-04	1.08357D-03
165	3.05066D-02	-1.03455D-01	-3.54241D-03	1.40341D-03	-2.82270D-04	1.26704D-04
166	-6.15273D-04	4.10438D-03	-1.19420D-04	-1.35093D-05	2.08968D-05	1.92645D-05
167	-9.74099D-04	4.10673D-03	-3.68436D-04	-1.56344D-05	2.08918D-05	2.15766D-05
168	-7.17112D-04	3.96833D-03	-5.11543D-05	-1.75720D-05	2.04087D-05	2.21959D-05
169	-6.68262D-04	3.67788D-03	1.42032D-04	-3.84768D-05	2.31508D-06	3.62061D-05
170	-8.57976D-04	2.32249D-03	-8.56925D-04	-9.90670D-05	-4.87853D-05	6.22553D-05
171	-6.54536D-04	2.32336D-03	-5.15031D-04	-1.06621D-04	-4.87853D-05	6.08351D-05
172	-4.92125D-04	2.32404D-03	-2.21627D-04	-1.11012D-04	-4.87853D-05	6.01644D-05
173	-1.84039D-04	2.32438D-03	3.49495D-04	-1.11610D-04	-4.87853D-05	6.01172D-05
174	2.22710D-04	2.32444D-03	1.10577D-03	-1.12220D-04	-4.87853D-05	6.03180D-05
175	-9.18739D-04	2.07641D-03	-1.16109D-03	-1.09619D-04	-5.30917D-05	6.32929D-05

176	-5.51673D-04	1.59759D-03	1.17322D-08	-2.05041D-04	-4.82193D-05	2.47944D-05
177	9.64581D-05	-1.82837D-08	3.58082D-03	-3.75083D-04	-2.20184D-05	-5.15481D-05
178	1.06868D-04	-3.84634D-03	3.77415D-09	-4.67538D-04	-4.10232D-05	6.08081D-05
179	-4.74612D-04	-1.11860D-08	1.48423D-03	-8.08349D-04	-2.58029D-05	-1.75080D-04
180	-5.16836D-04	-9.01105D-03	1.68433D-03	-1.01955D-03	1.55160D-04	-4.76994D-04
181	-1.03973D-03	-7.04780D-03	3.39927D-03	-1.02247D-03	1.91863D-04	-5.46413D-04
182	-9.36674D-03	1.66611D-03	2.32213D-02	-1.44398D-03	1.25468D-04	6.60834D-05
183	-9.67759D-03	-1.80167D-03	2.39909D-02	-1.45427D-03	1.22061D-04	9.01278D-05
184	-1.26353D-02	-6.23088D-03	1.22203D-02	-1.78398D-03	3.16019D-04	4.03320D-04
185	-1.03581D-02	-1.07324D-02	2.58383D-02	-1.39118D-03	9.79461D-05	8.52264D-05
186	6.14997D-03	-1.57505D-02	1.14060D-02	-3.71207D-04	-2.55012D-04	-9.34764D-04
187	8.04756D-03	-1.16967D-02	9.66023D-03	-3.30937D-04	-2.26750D-04	-9.66240D-04
188	9.65018D-03	-7.47967D-03	8.24467D-03	-3.06871D-04	-1.98941D-04	-9.83638D-04
189	9.33723D-03	1.18575D-02	1.63292D-03	-3.05898D-04	3.28392D-04	-8.63362D-04
190	2.73103D-02	-2.27380D-06	-2.83533D-07	2.00638D-03	-2.49307D-05	5.84238D-04
191	2.28889D-02	6.11887D-06	-1.82990D-02	2.68256D-03	3.11153D-04	-6.04517D-03
192	2.26829D-02	4.51600D-02	-1.60054D-02	2.70934D-03	3.80699D-04	-6.83694D-03
193	8.77975D-02	1.32341D-01	1.40652D-02	2.54807D-03	5.15244D-04	-6.14098D-03
194	-2.98604D-01	2.97433D-01	-9.19165D-02	6.29046D-03	5.95528D-03	-1.87516D-03
195	-7.74366D-02	7.88620D-02	-2.39474D-02	4.16053D-03	4.02812D-03	-3.88495D-04
196	4.98010D-02	1.41597D-01	4.12216D-03	-3.98687D-03	7.82009D-04	3.62592D-03
197	-1.23259D-02	1.40800D-01	-6.59999D-02	-4.15220D-03	7.85920D-04	3.62970D-03
198	1.81007D-02	1.17804D-01	-2.59752D-02	-4.14958D-03	7.88776D-04	3.56980D-03
199	-2.88574D-02	-6.19903D-02	-8.82429D-03	-3.86822D-03	7.08807D-04	1.36183D-03
200	-2.78683D-02	-9.87045D-02	-1.17178D 02	-3.54807D-03	-8.15574D-04	5.32207D-04
201	-2.74829D-02	-9.87275D-02	-1.94215D-04	-3.45231D-03	-8.99618D-04	-1.13971D-04
202	-2.79752D-02	-9.87411D-02	6.90182D-05	-3.45593D-03	-9.51968D-04	-2.35994D-04
203	-2.73022D-02	-1.03114D-01	1.69120D-02	-3.66296D-03	-1.13495D-03	2.42492D-04
204	-2.44653D-02	-1.13063D-01	7.40064D-03	-3.56972D-03	-1.45037D-03	-1.25120D-04
205	-2.14109D-02	-1.17565D-01	-2.73464D-03	-3.55165D-03	-1.62078D-03	-2.39090D-04
206	-2.04420D-02	-1.17483D-01	-3.55421D-02	-3.16691D-03	-1.64354D-03	-4.81851D-04
207	-1.08804D-03	-1.00639D-01	-9.77387D-02	-2.59778D-03	-1.17398D-03	-1.82556D-03
208	-1.65961D-02	-1.12737D-07	-4.26440D-02	-2.46440D-03	1.37858D-03	-8.49544D-04
209	-6.33918D-04	-2.57541D-05	8.00805D-07	1.97871D-05	-4.62977D-06	-4.68227D-05
210	-5.97471D-04	-1.91711D-05	1.61847D-05	2.02124D-05	-3.67008D-06	-4.71762D-05
211	4.36991D-04	-6.18225D-05	4.76597D-04	2.12502D-05	-3.69255D-06	-4.81326D-05
212	-5.73079D-04	-1.05768D-05	2.62719D-05	1.97558D-05	-2.69329D-06	-4.63898D-05
213	-7.38578D-04	3.19019D-09	-3.69940D-05	1.21043D-05	6.78848D-06	-2.85805D-05
214	1.89228D-04	3.67339D-10	-1.23714D-04	4.70568D-06	-5.22089D-06	-8.78602D-07
215	1.73409D-04	1.41405D-04	4.29424D-05	-2.27462D-05	8.55814D-06	-4.17314D-06
216	9.35558D-05	-2.82039D-05	1.07896D-04	-2.04880D-05	6.14631D-06	-3.26417D-06
217	9.35268D-05	-1.45257D-04	-3.13588D-05	-1.87583D-05	7.15681D-06	-6.93481D-06
218	-1.64430D-04	-3.80603D-04	-5.34307D-11	-8.98513D-07	1.26359D-05	-5.95259D-06
219	-2.73488D-04	-3.91683D-04	-1.28431D-04	1.88054D-06	8.13846D-06	4.04575D-06
220	-2.65253D-04	-3.91738D-04	-1.32224D-04	1.86214D-06	8.11025D-06	4.12080D-06
221	-2.65917D-04	-3.69255D-04	-1.76926D-04	1.86210D-06	8.11461D-06	4.11414D-06
222	-2.56755D-04	-3.91776D-04	-1.35922D-04	1.84337D-06	8.07788D-06	4.19837D-06
223	-1.66765D-04	-3.92821D-04	-1.60350D-04	1.28884D-06	7.04569D-06	6.12963D-06
224	-1.54250D-04	-3.92851D-04	-1.62885D-04	1.27301D-06	7.01332D-06	6.17287D-06
225	-1.54133D-04	-3.59329D-04	-2.01491D-04	1.27300D-06	7.01798D-06	6.16666D-06
226	-1.41584D-04	-3.92865D-04	-1.65325D-04	1.25834D-06	6.97649D-06	6.21596D-06
227	3.74012D-05	-1.20713D-04	-1.30507D-04	-1.41236D-06	-2.58337D-06	3.09634D-06
228	9.30438D-05	-7.13520D-09	1.82959D 04	-2.02465D-05	4.88319D-06	-6.29737D-08
229	1.02631D-04	-1.20694D-05	3.386[illegible]1D-04	-1.71566D-05	3.75101D-06	1.27457D-06
230	1.07122D-04	-1.21359D-05	4.03632D-04	-1.50650D-05	3.43226D-06	9.24989D-07
231	2.62167D-09	-2.51261D-04	2.18752D-09	-1.36597D-05	6.30683D-06	-9.12155D-07
232	5.43436D-04	-2.57726D-04	-4.27525D-04	1.39180D-05	1.90645D-05	7.18291D-06
233	5.28645D-04	-2.57703D-04	-3.99316D-04	1.39913D-05	1.90899D-05	7.25751D-06
234	6.34659D-04	-3.35758D-04	-3.98228D-04	1.39978D-05	1.91011D-05	7.25834D-06
235	5.13550D-04	-2.57663D-04	-3.70869D-04	1.40531D-05	1.91046D-05	7.32319D-06

236	1.36259D-10	-1.37551D-05	-1.66828D-10	1.18871D-05	-5.14407D-06	1.10259D-07
237	2.08551D-07	-1.37683D-05	-1.20250D-05	1.18366D-05	-5.22376D-06	1.83428D-07
238	1.64352D-06	-1.37904D-05	-8.29848D-05	1.17097D-05	-5.32657D-06	2.54494D-07
239	1.65140D-06	-1.55453D-05	-1.17017D-04	1.17097D-05	-5.37918D-06	2.71296D-07
240	3.26535D-06	-1.37974D-05	-1.52718D-04	1.15251D-05	-5.29910D-06	2.61243D-07
241	3.49178D-06	1.46641D-06	-6.19785D-06	-1.32403D-06	-6.55051D-07	-6.24681D-07
242	1.11276D-06	-6.81089D-07	-3.27156D-07	-8.44552D-07	-1.79093D-07	-4.64893D-07
243	1.12904D-06	3.40332D-06	-1.34886D-06	-8.92125D-07	-7.74622D-08	-4.30243D-07
244	6.82596D-07	-4.03044D-08	3.28090D-08	-3.74851D-08	-5.56308D-08	-1.72743D-07
245	3.42736D-07	5.89265D-08	2.24431D-08	-1.14038D-08	-4.92381D-08	-1.25382D-07
246	1.13922D-06	5.88525D-08	-5.06331D-08	-1.15404D-08	-4.92381D-08	-1.26111D-07
247	6.42041D-08	4.80782D-08	1.21996D-08	-6.45996D-10	-3.38463D-08	-7.62152D-08
248	7.73548D-08	1.30413D-06	-8.43693D-08	-1.43154D-07	1.82447D-08	-1.29118D-07
249	1.25901D-08	5.65767D-07	-5.83148D-08	-1.03665D-07	8.48321D-09	-9.35216D-08
250	6.05697D-07	5.66299D-07	-7.17050D-07	-1.04291D-07	8.48321D-09	-9.39563D-08
251	-1.00834D-08	6.42535D-08	-3.16986D-08	-6.31554D-08	3.41508D-09	-5.68485D-08
252	1.04748D-02	8.72946D-02	-2.79359D-02	-4.42265D-03	8.55503D-04	3.25605D-03

M O D A L A N A L Y S I S

MODE NUMBER 47
FREQUENCY= 33.1480 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-1.65336D-02	1.13491D-02	4.41947D-03	7.53850D-05	2.20417D-04	-2.58887D-04
3	-1.37346D-02	1.28583D-02	4.97010D-03	-5.12650D-05	8.23936D-05	-4.66478D-04
4	-5.05842D-03	1.28417D-02	3.93609D-03	-5.74706D-05	8.36185D-05	-4.82786D-04
5	2.06787D-03	9.98603D-03	2.57358D-03	-4.31952D-05	8.46760D-05	-4.64170D-04
6	3.59962D-03	2.75268D-03	4.09202D-04	7.93846D-05	8.97387D-05	-2.37403D-04
7	1.69067D-03	-8.43155D-04	-3.21305D-03	1.27191D-04	5.74167D-05	-4.12087D-05
8	2.11473D-03	1.04990D-02	-3.24411D-03	-2.03408D-05	-5.39731D-05	2.84366D-05
9	7.12379D-03	7.00397D-04	1.83850D-03	-1.01319D-04	-1.82497D-05	9.12905D-05
10	6.96961D-03	1.79169D-07	1.58858D-03	-1.01195D-04	3.87874D-05	6.51857D-05
11	1.53851D-04	-2.23689D-03	-2.45104D-03	1.57422D-05	1.98643D-06	9.83104D-06
12	5.19743D-04	-1.34580D-07	-2.49448D 03	3.94644D-05	-2.91064D-06	9.56324D-06
13	4.67075D-04	3.57570D-04	-2.32150D-03	2.18774D-05	1.45784D-05	1.89598D-05
14	4.65892D-04	-3.73679D-04	5.79891D-04	-9.73882D-06	6.03877D-06	-1.37574D-05
15	-2.49194D-04	-1.70048D-04	5.79729D-04	1.04770D-05	7.41724D-06	-3.45421D-06
16	-3.09784D-04	8.63415D-05	5.53057D-04	1.23780D-05	-6.24235D-06	4.53327D-06
17	-3.13685D-04	-1.02270D-03	-4.17156D-04	1.40754D-05	-9.81982D-06	1.04158D-05
18	-3.60137D-04	-1.21033D-03	-5.39586D-04	1.31587D-05	-6.05229D-06	2.68187D-06
19	-4.20130D-04	-1.37235D-03	-5.99671D-04	1.36899D-05	-4.08949D-06	-2.10330D-06
20	-4.35732D-04	-1.35535D-03	-6.25514D-04	1.23577D-05	2.48261D-07	-1.05300D-05
21	-4.33991D-04	-4.99923D-04	-4.71982D-04	1.21367D-05	3.92197D-06	-1.77123D-05
22	-1.71710D-04	-6.82624D-05	-1.77332D-04	8.25535D-06	2.22915D-06	-9.68059D-06
23	-1.08569D-11	-2.06592D-11	-1.28205D-11	1.04743D-09	2.63081D-11	-9.77742D-10
25	-5.06175D-05	5.33995D-05	-1.58458D-05	9.73432D-07	7.69189D-07	-4.87562D-07
26	-4.30236D-05	7.02123D-05	3.26615D-06	1.10037D-06	3.12612D-07	-1.39389D-06
27	-2.72192D-05	7.01591D-05	1.54820D-05	1.09439D-06	3.14143D-07	-1.45167D-06
28	8.59417D-06	3.46745D-05	2.67887D-05	7.92103D-07	5.72009D-07	-1.31523D-06
29	8.63278D-06	2.01201D-05	2.04000D-05	7.56934D-07	5.88178D-07	-1.21148D-06
30	8.50521D-06	-2.14694D-05	1.13152D-04	1.79580D-07	-3.88880D-07	-2.29841D-07
31	4.33955D-05	8.82472D-06	-8.85453D-05	-4.04025D-07	-1.89669D-06	9.55962D-07
32	3.21779D-05	-1.47500D-05	-9.34291D-05	-1.08008D-06	4.12391D-06	-1.19166D-06
33	-2.28675D-04	-4.54690D-05	-5.47585D-05	-1.37632D-08	1.24579D-05	-2.60944D-06
34	-9.12218D-04	4.00414D-04	6.35802D-04	6.19744D-07	-3.05610D-06	-2.19125D-06
35	-7.81617D-04	3.95764D-04	5.94580D-04	-2.42366D-06	-1.32641D-05	1.72260D-07
36	5.08887D-03	-1.36844D-03	-3.93790D-04	1.89502D-04	1.15076D-04	-2.62064D-04
37	7.56633D-03	-4.01189D-03	6.06000D-04	8.13540D-05	5.76170D-05	-5.78718D-05
38	3.27656D-04	-4.31897D-03	1.22322D-03	5.65469D-06	-6.29369D-05	4.81303D-05
39	2.99089D-04	-3.15095D-03	1.12503D-03	7.50260D-05	5.36658D-05	-6.35592D-05
40	8.93518D-05	-2.91508D-03	4.97950D-04	1.64794D-04	2.37457D-05	-1.51836D-05
41	-4.37432D-06	-2.91410D-03	-7.06099D-04	1.77318D-04	2.14465D-05	-1.12166D-05
42	1.89967D-05	-7.43855D-04	-2.68663D-03	2.58674D-04	-7.65748D-06	2.81925D-05
43	1.83471D-04	3.54016D-03	-2.69327D-03	2.58386D-04	-1.26481D-05	4.11910D-05
44	3.84737D-04	5.10787D-03	-2.93917D-03	2.15824D-04	-2.56391D-05	9.30599D-05
45	3.66077D-04	1.92633D-03	-1.01093D-0	6.87680D-05	-1.85194D-05	-3.70569D-05
46	3.69741D-04	2.01556D-03	-1.04447D-03	6.33975D-05	-5.79242D-06	-9.68429D-06
47	2.54685D-05	2.30302D-04	-5.83461D-05	8.74688D-06	1.68435D-07	1.65085D-06
48	2.38872D-05	2.41346D-04	-5.61268D-05	6.17039D-06	5.56377D-07	5.15812D-06
49	-5.89486D-05	-2.22661D-04	1.72943D-05	2.53782D-06	3.11235D-07	8.24443D-06
50	-5.47900D-05	-1.32722D-04	1.96919D-05	4.03014D-06	-5.02335D-07	6.95291D-06
51	-5.27232D-05	-8.52266D-05	2.19706D-05	4.03051D-06	-5.15581D-07	6.80360D-06

52	-5.44902D-07	-7.81399D-08	2.94934D-07	1.00860D-07	3.63062D-09	2.00152D-07
53	-2.27905D-13	-6.52264D-13	1.46925D-13	1.16566D-11	3.14639D-13	2.30046D-11
54	4.28349D-05	2.06078D-05	1.17122D-04	1.77669D-06	-5.65511D-07	8.58730D-07
55	1.10543D-04	7.53460D-05	1.35491D-04	4.68202D-07	-4.11633D-06	3.28671D-06
56	1.79812D-04	4.86221D-05	9.60120D-05	-3.82493D-07	-4.60682D-06	5.77947D-06
57	1.23734D-04	7.09882D-05	2.66357D-04	1.42967D-05	-1.72464D-06	-9.59666D-06
58	5.07898D-05	2.01000D-04	1.23623D-04	1.22521D-05	-9.38454D-07	-3.31175D-06
59	2.61516D-05	1.96299D-04	-6.07914D-05	9.95876D-06	1.38936D-07	1.22801D-06
60	1.32907D-03	7.47374D-04	2.00671D-03	2.94361D-05	-1.72955D-04	3.74161D-04
61	-6.81823D-03	5.63977D-03	4.39898D-03	-1.88154D-04	-4.98828D-04	8.44780D-04
62	4.60125D-02	-2.01697D-03	2.58720D-02	-4.80685D-04	-5.70438D-04	5.42082D-04
63	4.69214D-02	5.72471D-04	2.29770D-02	-3.78182D-04	8.05841D-04	3.75817D-04
64	4.66548D-02	2.84342D-02	-5.16408D-02	6.24537D-05	9.77427D-04	4.88303D-04
65	2.75770D-02	4.23777D-02	-5.61264D-02	5.42683D-04	4.08715D-04	1.53422D-03
66	-1.72949D-02	4.21734D-02	-4.02036D-02	3.93034D-04	3.32942D-04	1.24428D-03
67	-9.11066D-03	1.15499D-02	-4.68743D-02	-2.83375D-03	-8.80264D-04	-2.62682D-03
68	9.60645D-02	-3.98167D-01	1.74386D-01	4.09504D-03	1.63850D-04	-2.68732D-03
69	9.00193D-02	-3.49889D-01	1.63233D-02	8.75842D-03	1.08175D-03	-1.26728D-03
70	5.66685D-02	8.71146D-04	1.68580D-02	6.48887D-03	-2.78679D-04	-1.83923D-05
71	5.92308D-02	5.82714D-03	1.40048D-02	4.08069D-03	-2.34421D-03	4.77955D-04
72	6.38276D-02	8.19573D-03	1.95884D-03	5.19570D-04	-3.35538D-03	2.57178D-05
73	6.23569D-03	8.53883D-03	2.64919D-02	-3.88647D-04	-1.64585D-03	-9.63359D-04
74	-1.33678D-02	-1.08977D-03	4.09454D-02	2.05844D-04	2.47165D-04	-5.30227D-05
76	5.53928D-02	-1.19868D-02	-2.04944D-03	4.43562D-03	-6.34029D-04	1.59792D-03
77	5.42331D-02	-7.51966D-02	-1.81175D-02	2.86326D-03	-3.87018D-04	2.75614D-03
78	3.20302D-04	-1.41310D-01	4.32461D-03	-1.32416D-03	1.75195D-04	-6.68372D-05
79	2.69169D-01	-1.36547D-01	-1.39742D-01	5.30918D-03	1.04613D-02	4.44642D-03
80	2.14637D-02	-1.56502D-02	-8.81107D-04	1.45877D-03	1.80969D-03	1.24725D-03
82	-1.52240D-02	-1.19259D-02	2.73918D-02	-1.88827D-03	8.83217D-04	-1.02111D-03
83	-1.99430D-02	-1.42607D-02	3.04546D-02	-7.99440D-04	9.75627D-04	5.51321D-04
84	-2.55161D-02	-5.52260D-03	1.48502D 02	-2.90540D-04	8.58443D-04	7.56066D-04
85	-2.24764D-02	-1.38985D-03	1.10524D-02	7.68013D-05	7.39566D-04	6.82573D-04
86	-2.26348D-04	-1.21544D-03	1.58050D-04	1.77519D-04	3.62498D-05	1.77714D-04
87	-2.04844D-04	-1.05743D-04	6.98991D-06	9.01523D-05	9.94825D-06	9.08907D-05
88	-1.53411D-04	-1.39820D-04	-6.52438D-06	2.65186D-07	1.16541D-05	5.89479D-05
90	-1.66464D-04	-1.69668D-03	8.20196D-05	1.85316D-04	-3.41173D-05	1.56712D-05
91	-5.55569D-05	-1.02077D-03	1.42522D-05	9.14704D-05	-7.43544D-06	1.49773D-05
93	-2.78056D-03	1.95891D-03	7.41477D-04	7.46675D-05	1.44307D-04	-9.73942D-05
94	-1.22076D-02	8.45848D-03	3.26209D-03	9.21283D-05	2.22212D-04	-2.15933D-04
95	4.06066D-03	4.94381D-03	1.29303D-03	6.30650D-05	8.97102D-05	-2.66330D-04
96	4.47217D-03	4.27282D-04	-5.95795D-05	1.63216D-04	1.09919D-04	-2.61506D-04
97	3.13896D-03	1.02460D-03	-4.65708D 04	8.90831D-05	8.63555D-05	-1.96600D-04
98	2.79171D-03	1.08898D-07	-1.12437D- 3	9.86868D-05	8.24607D-05	-1.60914D-04
99	4.19062D-03	7.77784D-03	-1.13070D-03	-1.25585D-04	-7.47349D-05	-2.14001D-05
100	5.67699D-03	4.38281D-03	3.92295D-04	-1.51388D-04	-6.78192D-05	-1.26167D-05
101	6.91446D-03	1.15410D-03	1.62698D-03	-1.25508D-04	-3.40676D-05	5.32172D-05
102	7.11776D-03	3.07960D-04	1.77344D-03	-1.05445D-04	1.80826D-05	7.11353D-05
103	5.23935D-03	7.22125D-04	1.55305D-03	-1.74190D-05	-8.94494D-05	2.38162D-04
104	1.94705D-04	-2.05974D-03	-2.47748D-03	2.24899D-05	-3.85789D-06	6.80575D-06
105	3.13310D-04	-1.54504D-03	-2.49433D-03	2.50834D-05	-4.99539D-06	5.08287D-06
106	2.24793D-04	-1.55247D-03	-2.10425D-03	1.46838D-05	-4.12065D-06	3.33728D-06
107	4.33236D-04	-7.96099D-04	-2.49481D-03	3.72966D-05	-5.07114D-06	6.91041D-06
108	4.68265D-04	2.01847D-04	-2.19051D-03	1.88934D-05	1.60483D-05	1.98927D-05
109	3.56754D-04	1.81269D-04	-2.18313D-03	-7.07820D-06	1.69762D-05	1.33504D-05
110	3.05087D-04	1.44915D-04	-2.17991D-03	-5.21671D-06	1.82165D-05	1.05466D-05
111	2.13569D-04	1.32016D-04	-2.17475D-03	1.36996D-05	2.11606D-05	6.10714D-06
112	7.99935D-05	2.65906D-04	-2.17063D-03	4.01689D-05	2.39124D-05	3.24694D-06
113	2.98432D-05	5.36592D-04	2.51249D-03	2.31385D-04	3.53261D-05	-1.45715D-06
114	-5.78196D-05	3.51451D-04	-2.17102D-03	-1.08491D-07	2.24429D-05	3.09510D-06
115	-1.14967D-04	3.02815D-04	-2.17126D-03	-2.23654D-05	2.16276D-05	2.96486D-06

116	-1.85915D-04	1.71605D-04	-2.17154D-03	-3.99717D-05	2.09818D-05	2.79740D-06
117	-2.55344D-04	1.48672D-08	-2.17166D-03	-4.62406D-05	2.07892D-05	2.79740D-06
118	-1.83726D-04	1.71652D-04	-2.10972D-03	-1.01183D-05	2.20661D-05	-7.71328D-07
119	-4.14313D-04	-3.52955D-04	-2.17177D-03	-4.62981D-05	2.08566D-05	2.79740D-06
120	-2.02127D-04	1.71742D-04	-2.17518D-03	2.78053D-05	2.42863D-05	-5.26016D-06
121	-2.86194D-04	2.47347D-04	-2.29162D-03	2.99882D-05	2.44508D-05	-5.51285D-06
122	4.69632D-04	-5.02102D-08	-2.01635D-03	1.55588D-05	1.71292D-05	2.12469D-05
123	4.72022D-04	-4.42134D-04	-1.67961D-03	9.22307D-06	1.88224D-05	2.17581D-05
124	4.76842D-04	-1.21096D-03	-6.87535D-04	-6.78294D-06	2.09885D-05	3.16515D-06
125	4.77625D-04	-1.21682D-03	-4.74873D-04	-1.01175D-05	2.06119D-05	-4.05753D-06
126	4.78799D-04	-1.03808D-03	-4.62073D-05	-1.42525D-05	1.93061D-05	-1.46901D-05
127	9.62448D-04	-1.08721D-03	-5.09431D-04	-1.72215D-05	1.89045D-05	-1.94647D-05
128	4.72566D-04	-6.71430D-04	3.58582D-04	-1.23488D-05	1.59194D-05	-1.66932D-05
129	4.70235D-04	-5.61297D-04	4.55562D-04	-1.14276D-05	1.29596D-05	-1.62489D-05
130	4.62474D-04	-2.34572D-04	5.82920D-04	-1.19426D-05	-2.84703D-06	-1.05885D-05
131	3.85147D-04	-4.53802D-04	5.80199D-04	-5.43631D-06	7.84687D-06	-1.22662D-05
132	-3.10708D-04	-3.25021D-08	4.35474D-04	1.26509D-05	-8.53668D-06	8.09884D-06
133	-4.35451D-04	-1.16326D-03	-6.07057D-04	1.22954D-05	1.89331D-06	-1.39024D-05
134	2.94406D-04	-2.74712D-08	5.87380D-04	-1.15285D-05	-1.25107D-05	-5.69094D-06
135	4.35084D-05	1.61710D-04	5.91091D-04	-8.30865D-06	-1.70339D-05	-1.36960D-06
136	-3.50178D-04	3.06676D-04	5.94947D-04	-4.08707D-06	-1.72010D-05	2.20277D-06
137	-5.04378D-04	3.05009D-04	5.28759D-04	-1.56730D-06	-1.71955D-05	4.63004D-06
138	-6.94413D-04	3.79837D-04	5.94708D-04	-2.94867D-06	-1.47710D-05	8.38231D-07
139	-8.27654D-04	2.35267D-04	5.47934D-04	2.49231D-06	8.04701D-06	-4.44767D-06
140	-4.16111D-04	1.50637D-08	1.33586D-04	1.15497D-06	1.33307D-05	-3.54589D-06
141	-3.02478D-04	-3.04248D-05	1.94014D-05	4.04419D-07	1.29534D-05	-2.90314D-06
142	-3.45675D-04	-2.50690D-05	-2.49601D-05	4.46187D-06	5.34694D-06	-2.69222D-06
143	-3.53326D-04	-1.95575D-05	-3.31187D-05	5.13843D-06	2.54507D-06	-3.66384D-06
144	-3.54130D-04	-1.59535D-05	-3.47368D-05	4.90389D-06	-1.28940D-06	-6.50859D-06
145	-3.43501D-04	-2.87220D-05	-2.47560D-05	3.58452D-06	-3.19912D-06	-9.50966D-06
146	2.13536D-04	-3.43334D-05	-1.80069D-04	-9.99391D-06	-3.92095D-06	-2.54653D-05
147	-3.27183D-04	-3.74801D-05	-8.37856D-06	6.74188D-06	-4.23159D-06	-6.66203D-06
148	-3.18467D-04	-3.22352D-05	3.72740D-07	8.53472D-06	-4.82079D-06	-5.13487D-06
149	-3.05942D-04	-1.82477D-05	1.29377D-05	1.00198D-05	-5.30215D-06	-3.99129D-06
150	-2.92529D-04	-1.56564D-09	2.63689D-05	1.04865D-05	-5.47290D-06	-3.52465D-06
151	-3.24736D-04	-1.82523D-05	-1.55634D-05	1.15428D-05	-3.74179D-06	-9.75089D-06
152	-2.63136D-04	3.75774D-05	5.57773D-05	1.04908D-05	-5.44975D-06	-3.52035D-06
153	-4.00191D-04	-1.82613D-05	-8.36489D-05	1.34307D-05	-5.46752D-07	-1.70178D-05
154	-4.67850D-04	-2.51991D-05	-1.36197D-04	1.35331D-05	-3.10102D-07	-1.74296D-05
155	5.45992D-05	-9.49637D-09	-7.18941D-05	-9.28216D-07	3.04483D-06	-8.09680D-07
156	8.39147D-05	1.58794D-05	-4.62305D-05	-6.37752D-07	-4.80479D-07	4.77951D-07
157	7.10087D-05	1.63263D-05	-6.08409D-05	-8.44858D-07	-1.12496D-06	5.82209D-07
158	6.20894D-05	1.90416D-05	-9.49052D-05	-1.31762D-06	-1.07902D-06	2.82543D-07
159	4.94542D-05	1.25041D-05	-8.22088D-05	-5.27677D-07	-1.58417D-06	8.64032D-07
160	2.81189D-05	5.01278D-09	-1.04541D-04	-3.32138D-07	-2.42408D-06	9.59413D-07
161	-1.00357D-04	-9.13363D-06	-2.65250D-04	-5.48696D-07	-1.55072D-06	2.52302D-07
162	-6.89090D-05	-4.01625D-10	-1.92495D-04	-3.18425D-07	2.73677D-06	2.27530D-07
163	-5.08781D-05	-2.89848D-06	-1.44866D-04	-2.27877D-07	3.00474D-06	3.04957D-07
164	-3.96994D-05	-5.87430D-06	-1.11991D-04	-1.73221D-07	3.03177D-06	3.33332D-07
165	2.20318D-06	-2.40090D-05	5.96982D-05	3.86627D-08	2.00126D-06	1.58587D-07
166	6.80866D-04	-4.31499D-03	1.19343D-03	3.84301D-06	-6.16296D-05	5.15646D-05
167	-1.62494D-04	-4.34306D-03	1.27307D-03	6.79264D-06	-6.28974D-05	4.84180D-05
168	2.20074D-04	-4.68634D-03	7.18184D-04	6.69562D-06	-6.30093D-05	4.33079D-05
169	6.29841D-05	-4.98333D-03	-1.33656D-05	1.71083D-05	-3.52279D-05	5.49797D-07
170	1.70021D-04	-3.76153D-03	5.11311D-04	5.73559D-05	4.61238D-05	-6.41282D-05
171	-7.69732D-05	-3.76305D-03	3.13540D-04	6.16397D-05	4.61238D-05	-8.29213D-05
172	-3.16472D-04	-3.76424D-03	1.43985D-04	6.41375D-05	4.61238D-05	-9.35417D-05
173	-8.01008D-04	-3.76483D-03	-1.85967D-04	6.44797D-05	4.61238D-05	-9.49008D-05
174	-1.44590D-03	-3.76495D-03	-6.22935D-04	6.48424D-05	4.61238D-05	-9.58042D-05
175	2.32212D-04	-3.44057D-03	8.07291D-04	6.59762D-05	5.10123D-05	-6.48575D-05

176	4.54268D-05	-2.91470D-03	-1.23491D-08	1.70346D-04	2.27603D-05	-1.35212D-05
177	3.82377D-04	2.90566D-09	-3.33011D-03	1.76024D-04	2.55496D-05	7.85716D-05
178	3.75914D-04	-1.86158D-03	-6.70761D-09	1.21702D-04	2.13612D-05	-3.09908D-05
179	-7.52651D-05	2.33077D-09	3.40040D-04	3.43883D-05	1.21769D-05	3.43648D-05
180	-1.39141D-05	2.39153D-04	5.24385D-05	2.60667D-05	-5.33992D-06	1.22114D-06
181	-2.10076D-06	2.92146D-04	6.88507D-06	2.40074D-05	-4.12596D-06	3.15656D-06
182	2.68143D-05	1.76974D-04	-6.46540D-05	1.01172D-05	2.64432D-07	2.00634D-06
183	2.64529D-05	1.84441D-04	-6.27051D-05	1.00320D-05	2.23955D-07	1.69951D-06
184	2.83971D-05	1.95441D-04	2.11743D-05	1.13098D-05	-4.04500D-07	-1.21838D-06
185	2.59180D-05	2.11538D-04	-5.99425D-05	9.51789D-06	1.30743D-07	1.29525D-06
186	-1.98795D-05	1.31254D-04	-1.70669D-05	2.64895D-06	7.84303D-07	8.21257D-06
187	-2.61258D-05	9.12911D-05	-1.14612D-05	2.36656D-06	7.61791D-07	8.45429D-06
188	-3.18096D-05	5.08289D-05	-6.49252D-06	2.20950D-06	7.23055D-07	8.58565D-06
189	-5.37658D-05	-1.09114D-04	2.08087D-05	4.03409D-06	-5.09124D-07	6.88298D-06
190	8.71110D-06	-4.51053D-10	1.08205D-09	3.62159D-07	-1.19812D-06	-1.10984D-08
191	8.67129D-06	9.05224D-10	9.75278D-06	7.18897D-07	6.15657D-07	-9.20314D-07
192	8.65776D-06	6.86689D-06	1.37721D-05	7.33025D-07	6.07182D-07	-1.04910D-06
193	1.98139D-05	2.01826D-05	2.70053D-05	6.32862D-07	4.96661D-07	-1.13047D-06
194	-3.78220D-05	4.00604D-05	-1.13794D-05	9.22786D-07	7.64230D-07	-3.54228D-07
195	-9.73573D-06	1.02724D-05	-2.89590D-06	5.69539D-07	5.07535D-07	-1.04064D-07
196	4.88159D-05	2.06056D-05	1.05031D-04	1.72279D-06	-5.53953D-07	8.33947D-07
197	3.48924D-05	2.14190D-05	1.36656D-04	1.89486D-06	-5.67906D-07	8.28213D-07
198	4.70148D-05	3.62507D-05	1.18235D-04	1.66229D-06	-6.27519D-07	9.66277D-07
199	1.91442D-04	-4.39885D-06	5.85374D-05	-4.40988D-08	-3.05941D-06	6.20907D-06
200	1.96819D-04	-1.13518D-04	4.17452D-05	8.40982D-07	6.59082D-07	6.38716D-06
201	2.19949D-04	-1.13526D-04	3.88982D-05	9.07502D-07	7.86173D-07	7.34425D-06
202	2.35513D-04	-1.13530D-04	3.69580D-05	9.91565D-07	8.65336D-07	7.59145D-06
203	2.64598D-04	-1.40311D-04	3.643[illegible]6D-05	1.48302D-06	1.20178D-06	7.01123D-06
204	2.61175D-04	-1.82910D-04	4.78140D-05	2.17326D-06	1.95059D-06	5.59419D-06
205	2.56494D-04	-2.15436D-04	6.25635D-05	1.99115D-06	2.52030D-06	6.92117D-06
206	1.85597D-04	-2.15218D-04	7.87647D-05	1.99638D-06	3.05211D-06	5.73510D-06
207	1.41789D-04	-3.53674D-04	2.20953D-04	4.50772D-06	3.46140D-06	3.96609D-06
208	1.21228D-04	2.06105D-09	2.75546D-04	1.37938D-05	-1.64162D-06	-8.82633D-06
209	2.77062D-03	7.59789D-03	8.40095D-03	-3.39809D-04	-6.49297D-04	9.55167D-04
210	8.24033D-03	7.94243D-03	1.06246D-02	-3.58075D-04	-6.67151D-04	9.65056D-04
211	-1.34214D-02	8.81835D-03	3.60269D-03	-3.49960D-04	-6.67879D-04	9.97104D-04
212	1.39353D-02	8.02681D-03	1.29254D-02	-3.79016D-04	-6.81871D-04	9.42573D-04
213	4.15055D-02	1.03567D-07	2.40554D-02	-5.09733D-04	-6.38217D-04	5.87905D-04
214	-6.85614D-03	-1.10642D-09	-4.55294D-02	-2.85869D-03	-8.99327D-04	-2.71441D-03
215	5.87076D-02	-7.15372D-02	1.67360D-02	7.84866D-03	3.54267D-04	-3.15145D-04
216	5.62837D-02	3.35600D-03	1.23463D-02	5.84723D-03	-4.69610D-04	1.93700D-04
217	5.67847D-02	1.29717D-03	2.17630D-02	5.85243D-03	-4.35973D-04	5.14562D-05
218	6.40587D-02	8.22107D-03	-7.14819D-07	3.75200D-04	-3.26195D-03	-2.08053D-05
219	3.21187D-02	8.49512D-03	1.51743D-02	-4.19159D-04	-2.01626D-03	-8.11861D-04
220	3.04830D-02	8.49651D-03	1.60222D-02	-4.18727D-04	-2.00845D-03	-8.17302D-04
221	3.06874D-02	3.97683D-03	2.70594D-02	-4.18748D-04	-2.00899D-03	-8.17198D-04
222	2.88280D-02	8.49769D-03	1.68618D-02	-4.18156D-04	-2.00012D-03	-8.22610D-04
223	1.40598D-02	8.53091D-03	2.34310D-02	-3.94793D-04	-1.73452D-03	-9.46559D-04
224	1.21469D-02	8.53192D-03	2.42203D-02	-3.93918D-04	-1.72619D-03	-9.49004D-04
225	1.22568D-02	3.30104D-03	3.37231D-02	-3.93947D-04	-1.72684D-03	-9.48930D-04
226	1.02261D-02	8.53274D-03	2.49986D-02	-3.93102D-04	-1.71723D-03	-9.51138D-04
227	-8.81547D-03	-2.53493D-03	2.69956D-02	1.07447D-04	5.31466D-04	4.40059D-05
228	5.57263D-02	-3.80233D-06	3.60811D-03	4.95291D-03	-6.14957D-04	1.00854D-03
229	6.50138D-02	-1.19915D-02	-2.83018D-02	3.77612D-03	-5.53060D-04	1.34355D-03
230	7.00876D-02	-1.19940D-02	-4.25836D-02	3.34663D-03	-5.02256D-04	1.13354D-03
231	2.42567D-06	-1.41379D-01	1.56197D-07	-1.42614D-03	2.94157D-04	-2.25379D-04
232	3.08452D-01	-1.36949D-01	-1.84800D-01	4.96115D-03	1.03068D-02	4.10834D-03
233	2.99982D-01	-1.36919D-01	-1.74717D-01	5.00195D-03	1.03267D-02	4.15196D-03
234	3.57416D-01	-1.65256D-01	-1.73455D-01	5.00527D-03	1.03334D-02	4.15243D-03
235	2.91333D-01	-1.36881D-01	-1.64510D-01	5.03754D-03	1.03402D-02	4.19025D-03

236	-2.04768D-08	-1.19383D-02	2.78004D-08	-1.98919D-03	8.64696D-04	-1.12700D-03
237	-1.13908D-03	-1.19367D-02	2.01323D-03	-1.97837D-03	8.77397D-04	-1.11112D-03
238	-7.76095D-03	-1.19339D-02	1.38660D-02	-1.95325D-03	8.93784D-04	-1.08305D-03
239	-7.76431D-03	-5.13207D-03	1.95782D-02	-1.95325D-03	9.02806D-04	-1.08068D-03
240	-1.41789D-02	-1.19289D-02	2.54854D-02	-1.91729D-03	8.87831D-04	-1.04979D-03
241	-1.08971D-03	-1.23062D-03	9.91760D-04	2.13273D-04	9.66911D-05	2.36038D-04
242	-2.24302D-04	-4.77580D-04	5.37379D-05	1.31364D-04	2.61670D-05	1.64380D-04
243	-2.26664D-04	-1.80397D-03	2.04921D-04	1.71585D-04	1.17675D-05	1.34898D-04
244	-1.39275D-04	-1.30643D-04	-5.50604D-06	-4.48724D-06	1.13898D-05	4.85367D-05
245	-6.97826D-05	-7.94448D-05	-3.79587D-06	-7.93885D-06	1.00572D-05	3.51043D-05
246	-2.92153D-04	-7.94793D-05	-5.40353D-05	-7.96376D-06	1.00572D-05	3.52388D-05
247	-1.30123D-05	-2.13590D-05	-2.06335D-06	-6.71494D-06	6.90170D-06	2.13387D-05
248	-4.92832D-05	-9.20810D-04	1.20740D-05	8.36047D-05	-5.87783D-06	1.23334D-05
249	-2.03630D-05	-4.39275D-04	8.41591D-06	6.87397D-05	-4.01320D-06	8.92221D-06
250	-7.68917D-05	-4.39465D-04	4.43318D-04	6.89439D-05	-4.01320D-06	8.95756D-06
251	-1.78660D-06	-7.17870D-05	4.57470D-06	4.52127D-05	-2.36488D-06	5.42350D-06
252	5.59053D-05	5.20729D-05	1.20180D-04	1.04731D-06	-1.89459D-06	1.75646D-06

M O D A L A N A L Y S I S

MODE NUMBER 48
FREQUENCY= 33.5346 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	-2.21099D-01	8.09348D-02	5.41818D-02	-4.34172D-04	2.79570D-03	-1.95299D-03
3	-2.21586D-01	3.78790D-02	-2.13075D-02	-7.82463D-03	8.55547D-04	-2.38434D-03
4	-1.77030D-01	3.79810D-02	-1.66642D-01	-7.72691D-03	7.52949D-04	-2.50625D-03
5	-1.37713D-01	8.79016D-03	-2.56346D-01	-3.37014D-03	-7.84434D-04	-2.41367D-03
6	-8.51626D-02	-1.57841D-02	-1.94056D-01	1.21603D-03	-4.46875D-03	-2.36624D-04
7	3.73590D-02	-1.19180D-03	2.87087D-02	5.76735D-04	-4.81600D-03	-6.78469D-04
8	2.07882D-01	-6.59009D-02	2.83604D-01	2.25097D-04	1.68811D-03	-1.03771D-04
9	-4.39122D-02	-3.27660D-03	2.64186D-02	-4.96497D-04	1.97811D-03	3.90590D-04
10	-6.48000D-02	-1.21496D-06	5.60745D-03	-2.41630D-04	1.28940D-03	3.96999D-04
11	-2.79188D-02	3.63922D-03	2.55958D-03	1.96110D-05	-6.85232D-04	-8.50420D-04
12	3.39428D-03	2.57134D-07	2.50560D-03	-1.49816D-04	-2.74183D-04	-6.51474D-04
13	7.75688D-03	7.53766D-04	-1.69330D-03	-5.15771D-04	-1.77953D-04	-4.93378D-05
14	6.89074D-03	-1.67436D-02	2.26576D-02	-5.86877D-04	2.37917D-04	-1.69062D-04
15	-1.34492D-02	-1.44149D-02	2.26830D-02	4.18369D-04	1.59128D-04	-1.59972D-04
16	-1.35994D-02	-2.69417D-04	2.02051D-02	5.43041D-04	-2.62137D-04	-4.22053D-05
17	-1.35905D-02	-2.16881D-02	-1.33430D-02	5.66627D-04	-2.98413D-04	2.67757D-04
18	-1.47911D-02	-2.80466D-02	-1.67465D-02	5.41096D-04	-1.45999D-04	9.68866D-05
19	-1.60424D-02	-3.49711D-02	-1.80825D-02	5.42951D-04	-8.27730D-05	-1.65445D-05
20	-1.62463D-02	-3.62549D-02	-1.83285D-02	4.87250D-04	2.51367D-05	-2.38082D-04
21	-1.60786D-02	-1.50063D-02	-1.38245D-02	4.12637D-04	9.93014D-05	-4.79129D-04
22	-7.20429D-03	-2.01064D-03	-5.30468D-03	2.54306D-04	2.20708D-05	-3.45007D-04
23	-6.98287D-10	-4.78831D-10	-3.71816D-10	3.09428D-08	-4.87134D-09	-4.03329D-08
25	-5.20881D-03	6.12676D-03	-1.66348D-03	9.67171D-05	7.56604D-05	-4.10695D-05
26	-4.01089D-03	7.10562D-03	-8.91019D-04	3.12253D-05	1.26083D-05	-1.55098D-04
27	-2.25401D-03	7.10124D-03	-5.58362D-04	2.96265D-05	1.08251D-05	-1.60565D-04
28	1.53084D-03	3.45421D-03	-2.67728D-04	1.75083D-05	1.48406D-06	-1.30961D-04
29	1.53496D-03	2.01089D-03	-2.75787D-04	1.55431D-05	1.50762D-07	-1.20331D-04
30	1.46240D-03	-1.43471D-03	-1.31147D-03	-5.82737D-05	1.19454D-05	-1.53697D-05
31	2.39308D-03	2.62659D-04	-4.11394D-04	-1.41393D-04	-6.49490D-05	1.57800D-04
32	6.50465D-03	-4.01753D-04	3.88802D-03	-8.49010D-05	1.34929D-05	2.46694D-05
33	2.00871D-03	-1.63636D-03	5.12882D-03	2.39363D-05	2.79380D-04	-5.43139D-05
34	-1.66571D-02	1.52676D-02	2.39177D-02	6.81568D-05	-2.10308D-06	-1.19652D-05
35	-1.48238D-02	1.51378D-02	2.34114D-02	-6.72864D-05	-2.22186D-04	9.86242D-05
36	-1.49606D-01	-1.18360D-01	-1.59644D-01	7.76092D-03	-4.76027D-03	-3.58079D-03
37	-1.48330D-01	-2.17295D-01	-6.54748D-02	4.80063D-03	-3.87474D-03	-2.73306D-03
38	-1.30035D-02	-2.35373D-01	-5.55611D-03	-9.64078D-04	2.50688D-04	-8.33240D-04
39	-1.97530D-03	-1.24059D-01	4.55331D-02	2.41084D-03	1.00952D-03	-1.95611D-03
40	-6.37009D-03	-1.20134D-01	1.59981D-02	5.25807D-03	-4.59966D-05	-1.74805D-04
41	-7.37854D-03	-1.20138D-01	-2.22372D-02	5.55045D-03	-4.96001D-05	-1.18834D-04
42	-3.70350D-03	-6.01433D-02	-7.95554D 02	6.84219D-03	-4.26871D-04	4.93434D-04
43	3.93337D-03	5.23446D-02	-7.97714D-02	6.77614D-03	-5.36847D-04	7.50687D-04
44	1.14718D-02	9.80414D-02	-8.88647D-02	5.81341D-03	-9.80895D-04	1.81507D-03
45	1.06507D-02	3.54110D-02	-2.79843D-02	2.39738D-03	-5.73526D-04	-5.04417D-04
46	1.07660D-02	3.69611D-02	-2.90491D-02	2.28244D-03	-1.98681D-04	4.98827D-05
47	1.07381D-03	6.00375D-03	-2.73926D-03	4.06395D-04	3.92345D-06	1.27530D-04
48	1.01142D-03	6.29598D-03	-2.65481D-03	3.09257D-04	2.44789D-05	2.60043D-04
49	-2.92865D-03	-1.11356D-02	8.44341D-04	1.45917D-04	1.45914D-05	3.93333D-04
50	-2.66744D-03	-6.48244D-03	9.73365D-04	2.02645D-04	-2.73281D-05	3.34459D-04
51	-2.55474D-03	-4.16292D-03	1.09790D-03	2.01947D-04	-2.77863D-05	3.27785D-04

52	-2.70558D-05	-3.80089D-06	1.41318D-05	5.12115D-06	-3.11159D-07	9.62083D-06
53	-1.23165D-11	-3.17275D-11	6.13044D-12	5.89201D-10	-2.69658D-11	1.10850D-09
54	1.65133D-03	2.09910D-03	4.01392D-03	5.92758D-06	1.23223D-05	8.37879D-05
55	2.68539D-03	2.08459D-03	4.25762D-03	-6.84832D-05	-9.82716D-05	1.68595D-04
56	4.73369D-03	-6.64268D-05	2.97595D-03	-7.94685D-05	-1.67110D-04	2.47715D-04
57	2.18183D-03	2.12654D-03	1.09151D-02	5.68447D-04	-2.20296D-05	-2.44504D-04
58	6.30507D-04	5.83294D-03	5.36131D-03	5.29170D-04	-2.97436D-05	-2.36942D-05
59	1.07762D-03	5.58179D-03	-2.76264D-03	4.54486D-04	1.76755D-06	1.06070D-04
60	-3.56913D-02	-3.70302D-03	-1.29574D-02	-2.21318D-03	1.60382D-03	-7.38358D-04
61	-1.08870D-02	-5.32892D-02	-6.37142D-02	-5.29160D-04	-9.57282D-05	-2.18256D-03
62	2.10990D-03	1.79170D-02	-6.01022D-02	2.59327D-03	-2.41844D-04	-4.78863D-04
63	6.85567D-03	3.15228D-02	-5.06236D-02	1.99847D-03	-1.08997D-03	-5.49474D-04
64	6.86980D-03	4.03221D-04	4.13422D-02	6.65932D-04	-1.19318D-03	-2.71138D-04
65	3.54356D-03	5.72779D-04	5.03636D-02	-8.62171D-04	-1.58325D-04	4.87496D-04
66	-1.25916D-02	5.66458D-04	2.03550D-02	-1.02877D-03	-7.56167D-05	5.72126D-04
67	-2.33122D-02	-1.09703D-03	7.30350D-03	-2.19984D-04	-7.53754D-05	1.09248D-03
68	9.65273D-04	5.78533D-02	1.95859D-02	-6.16381D-04	-1.68859D-04	4.05123D-04
69	2.10209D-03	5.03508D-02	1.98039D-02	-1.35801D-03	-1.04565D-04	1.26856D-04
70	2.30799D-03	-4.30464D-03	1.93103D-02	-1.05193D-03	2.27452D-04	-3.07295D-04
71	-2.37727D-03	-1.91325D-02	8.44002D-03	-3.53394D-04	1.12497D-03	-8.74571D-04
72	-1.08984D-02	-2.34191D-02	1.44412D-03	1.73878D-04	1.27602D-03	-3.34882D-04
73	-7.87387D-03	-2.44024D-02	-3.72742D-03	-7.63601D-05	6.40592D-04	3.32133D-04
74	1.70969D-03	-1.71821D-02	-6.59801D-03	-2.49397D-04	2.46402D-05	2.05208D-04
76	2.46929D-03	-1.08421D-03	2.39186D-02	-1.04185D-03	5.69527D-05	1.47329D-04
77	2.59409D-03	-9.24719D-03	2.37001D-02	-1.04981D-03	-4.07919D-05	3.43654D-04
78	-2.08323D-04	-1.50270D-02	2.55762D-03	-8.38611D-04	-1.02515D-04	-4.33289D-05
79	5.69022D-03	-1.58048D-02	-1.90829D-02	9.21506D-04	2.03757D-04	1.10340D-04
80	4.56921D-04	-1.25696D-03	-1.42124D-04	1.40598D-04	3.69942D-05	3.08656D-05
82	-7.46051D-04	-1.14380D-03	-1.13362D-02	7.87375D-04	-7.14389D-04	-5.25094D-05
83	3.59114D-04	-4.50453D-04	-1.10708D-02	5.20667D-04	-7.33807D-04	-1.21487D-04
84	4.54559D-03	1.78357D-04	6.91932D-04	3.30723D-04	-6.48667D-04	-1.02356D-04
85	4.87112D-03	4.94718D-05	2.43151D-03	1.67490D-04	-5.14138D-04	-1.40352D-04
86	7.03827D-05	4.33227D-05	-4.63540D-05	-7.51733D-06	-2.51601D-05	-3.56004D-05
87	7.15421D-05	-1.39168D-04	1.25287D-05	-1.24917D-05	1.77096D-06	-8.94421D-06
88	6.70979D-05	-9.44266D-05	6.01699D-06	-8.28491D-06	-4.49590D-06	-4.41924D-06
90	4.49681D-05	2.03433D-04	-3.91933D-05	-1.58653D-05	1.49673D-05	-6.22988D-06
91	-3.77741D-07	1.35796D-04	-8.15765D-06	-1.15354D-05	1.54739D-06	-2.78381D-06
93	-3.84664D-02	2.12235D-02	8.65873D-03	7.29454D-04	1.95511D-03	-8.66366D-04
94	-1.65014D-01	7.16989D-02	4.01487D-02	2.40048D-04	2.90084D-03	-1.72234D-03
95	-1.07928D-01	-1.83243D-02	-2.35431D-01	4.79771D-04	-4.20013D-03	-2.10633D-04
96	-1.24106D-01	-6.56179D-02	-1.73340D-01	6.18908D-03	-4.73270D-03	-2.81054D-03
97	-6.05414D-02	-6.91875D-03	-1.49350D-01	1.21712D-03	-4.69995D-03	-7.79252D-05
98	-4.03922D-02	-3.65985D-06	-1.12743D-01	1.10443D-03	-4.83844D-03	-1.63211D-04
99	1.05476D-01	-4.49774D-02	1.79005D-01	4.21734D-04	3.60942D-03	5.61281D-04
100	3.89904D-02	-2.33304D-02	1.10965D-01	2.84007D-04	3.24337D-03	7.15945D-04
101	-2.64321D-02	-4.93017D-03	4.43546D-02	-2.25203D-04	2.41078D-03	5.44505D-04
102	-5.77354D-02	-1.64209D-03	1.26492D-02	-3.10194D-04	1.55837D-03	4.25050D-04
103	-4.32843D-02	-3.47337D-03	1.30687D-02	-1.52327D-03	1.80585D-03	-2.37675D-04
104	-2.19531D-02	3.72523D-03	2.55961D-03	-1.18147D-05	-5.81743D-04	-9.47397D-04
105	-1.02939D-02	3.29238D-03	2.55929D-03	-3.30651D-05	-4.77544D-04	-1.00262D-03
106	1.92501D-02	8.31262D-04	3.19384D-03	-1.72393D-05	-4.78875D-04	-1.10020D-03
107	-1.88291D-03	2.08866D-03	2.53425D-03	-8.11326D-05	-3.65304D-04	-8.59391D-04
108	7.72413D-03	8.68924D-04	-3.14566D-03	-5.72721D-04	-1.67421D-04	3.78759D-05
109	8.33032D-03	-2.16164D-03	-3.14467D-03	-2.97913D-04	-1.74043D-05	1.15697D-04
110	8.28627D-03	-2.87892D-03	-3.14416D-03	-1.83702D-04	3.80717D-05	1.49049D-04
111	7.89983D-03	-3.32324D-03	-3.14325D-03	-7.64350D-06	1.13737D-04	2.01857D-04
112	7.08284D-03	-3.03338D-03	-3.14245D-03	1.01258D-04	1.50933D-04	2.35879D-04
113	-4.37435D-04	-3.28816D-03	8.79778D-04	1.56826D-04	1.57167D-04	2.85004D-04
114	6.09132D-03	-2.17356D-03	-3.14330D-03	1.67831D-04	1.73609D-04	2.41618D-04
115	5.60825D-03	-1.65341D-03	-3.14386D-03	2.06265D-04	1.86637D-04	2.46541D-04

116	4.94574D-03	-8.62483D-04	-3.14452D-03	2.38884D-04	1.97351D-04	2.52871D-04
117	4.25487D-03	-2.25404D-08	-3.14470D-03	2.48636D-04	2.01281D-04	2.52871D-04
118	5.80437D-03	-8.62428D-04	-3.92890D-03	3.48005D-04	1.56458D-04	3.87817D-04
119	2.72313D-03	1.89795D-03	-3.14487D-03	2.48953D-04	2.00829D-04	2.52871D-04
120	8.42797D-03	-8.62292D-04	-6.23772D-03	4.86393D-04	7.27251D-05	5.57493D-04
121	1.04794D-02	3.99565D-04	-8.17788D-03	4.94279D-04	6.65235D-05	5.67023D-04
122	7.68254D-03	-1.26682D-06	-4.81207D-03	-6.46260D-04	-1.48086D-04	1.53584D-04
123	7.60005D-03	-5.35925D-03	-7.28851D-03	-7.85983D-04	-8.55078D-05	3.19246D-04
124	7.37168D-03	-2.25972D-02	-5.39578D-03	-1.13897D-03	2.12384D-04	2.05996D-04
125	7.32061D-03	-2.43846D-02	-2.92355D-03	-1.21251D-03	2.97360D-04	9.03702D-05
126	7.23621D-03	-2.47973D-02	4.42080D-03	-1.30370D-03	4.15632D-04	-1.03503D-04
127	1.05722D-02	-2.84355D-02	-3.58290D-02	-1.49718D-03	4.11134D-04	-1.56987D-04
128	7.06856D-03	-2.07819D-02	1.51610D-02	-1.00136D-03	4.47133D-04	-1.90976D-04
129	7.00617D-03	-1.93321D-02	1.81971D-02	-8.55073D-04	3.98758D-04	-1.98114D-04
130	7.77454D-03	-9.88566D-03	2.28034D-02	-5.81818D-04	1.94076D-05	-9.67917D-05
131	3.97235D-03	-2.18552D-02	2.26746D-02	-3.72900D-04	2.68438D-04	-1.67746D-04
132	-1.36111D-02	-1.31609D-06	1.55706D-02	5.46833D-04	-3.25572D-04	6.98820D-05
133	-1.62070D-02	-3.18139D-02	-1.75995D-02	4.66224D-04	6.30199D-05	-3.32658D-04
134	5.16347D-03	-2.45022D-07	2.30197D-02	-4.90462D-04	-2.15788D-04	1.48985D-05
135	3.78182D-04	6.68397D-03	2.32016D-02	-3.33669D-04	-3.21702D-04	1.13449D-04
136	-7.21184D-03	1.22688D-02	2.33920D-02	-1.43538D-04	-3.17446D-04	1.94918D-04
137	-1.49405D-02	1.20287D-02	2.20787D-02	-3.52920D-05	-3.15283D-04	2.66789D-04
138	-1.33466D-02	1.46791D-02	2.34071D-02	-9.08913D-05	-2.56217D-04	1.30207D-04
139	-1.29484D-02	9.18882D-03	2.01787D-02	1.45748D-04	2.32618D-04	-1.22411D-04
140	-2.36409D-03	5.31508D-07	9.53469D-03	8.15145D-05	3.20118D-04	-9.54559D-05
141	3.21836D-04	-1.13817D-03	6.82955D-03	4.54286D-05	2.99993D-04	-6.85939D-05
142	-9.94363D-04	-9.13097D-04	5.48801D-03	6.04392D-05	2.40465D-04	-4.83810D-06
143	-1.47228D-03	-7.63000D-04	4.99906D-03	4.53843D-05	2.17451D-04	9.93629D-07
144	-2.13335D-03	-6.43152D-04	4.32030D-03	-4.92962D-06	1.83601D-04	-1.62425D-05
145	-2.86076D-03	-8.60812D-04	3.57881D-03	-6.10475D-05	1.63954D-04	-5.10490D-05
146	3.90256D-03	-1.19719D-03	-4.37536D-03	-4.01557D-04	1.50179D-04	-3.51077D-04
147	-3.52981D-03	-9.70978D-04	2.91074D-03	6.98818D-06	1.54029D-04	1.49195D-05
148	-3.80762D-03	-8.16597D-04	2.63366D-03	4.49821D-05	1.48515D-04	5.11401D-05
149	-4.15261D-03	-4.55984D-04	2.28950D-03	7.55857D-05	1.44143D-04	7.94640D-05
150	-4.48989D-03	-3.48368D-08	1.95258D-03	8.59884D-05	1.42814D-04	8.98667D-05
151	-4.03943D-03	-4.56087D-04	2.11631D-03	5.81311D-05	1.54612D-04	1.33768D-05
152	-5.26244D-03	9.49252D-04	1.18037D-03	8.61020D-05	1.43306D-04	8.99804D-05
153	-4.23247D-03	-4.56285D-04	1.87432D-03	3.56643D-05	1.76048D-04	-7.03379D-05
154	-4.84593D-03	-5.27788D-04	1.41693D-03	3.43269D-05	1.77636D-04	-7.51251D-05
155	6.45680D-03	-2.28408D-07	3.81720D-03	-9.38785D-05	-1.40895D-05	4.53598D-05
156	4.89007D-03	5.61565D-04	2.15500D-03	-1.36411D-04	-7.80472D-05	1.31386D-04
157	3.68637D-03	5.24994D-04	8.88698D-04	-1.55019D-04	-7.70294D-05	1.53183D-04
158	-6.30392D-04	1.06119D-03	-3.66330D-03	-1.73904D-04	-7.61164D-05	1.56718D-04
159	2.59093D-03	3.83647D-04	-1.99063D-04	-1.45297D-04	-7.01428D-05	1.58193D-04
160	2.03135D-03	1.53496D-07	-8.04322D-04	-1.38828D-04	-5.52472D-05	1.51378D-04
161	8.74617D-04	-1.64440D-04	-2.34884D-03	-1.37940D-04	-5.85053D-06	8.65500D-05
162	1.19752D-03	-2.28956D-08	-1.90816D-03	-1.10660D-04	8.69723D-06	5.64091D-05
163	1.26385D-03	-2.58103D-04	-1.77833D-03	-1.02821D-04	6.46169D-06	5.51135D-05
164	1.29129D-03	-4.87893D-04	-1.73003D-03	-9.78678D-05	4.42868D-06	5.27466D-05
165	1.38312D-03	-1.70344D-03	-1.68952D-03	-7.58865D-05	1.72703D-06	2.14232D-05
166	-1.87749D-02	-2.35136D-01	1.34550D-03	-9.88558D-04	2.05952D-04	-8.17018D-04
167	-4.81242D-03	-2.35314D-01	-1.52806D-02	-9.76065D-04	2.50155D-04	-8.21291D-04
168	-1.25466D-02	-2.27197D-01	-3.42388D-03	-8.94520D-04	2.88814D-04	-8.82173D-04
169	-1.12823D-02	-2.11052D-01	2.39817D-03	-2.61480D-04	5.96037D-04	-1.45471D-03
170	-4.54821D-03	-1.43705D-01	3.36349D-02	1.67279D-03	1.00511D-03	-2.18612D-03
171	-1.35441D-02	-1.43765D-01	2.89547D-02	1.20920D-03	1.00511D-03	-3.13842D-03
172	-2.28194D-02	-1.43813D-01	2.61072D-02	9.53591D-04	1.00511D-03	-3.67446D-03
173	-4.19091D-02	-1.43836D-01	2.13404D-02	9.22744D-04	1.00511D-03	-3.74245D-03
174	-6.73684D-02	-1.43840D-01	1.51562D-02	9.13446D-04	1.00511D-03	-3.78391D-03
175	-3.26243D-03	-1.32956D-01	3.95856D-02	2.03832D-03	1.01070D-03	-2.08771D-03

176	-6.79619D-03	-1.20137D-01	-2.29790D-07	5.39478D-03	-4.75409D-05	-1.50238D-04
177	1.13317D-02	7.01409D-08	-1.08771D-01	4.88887D-03	7.46377D-04	1.44470D-03
178	1.10412D-02	-2.90497D-02	-2.16885D-07	3.62701D-03	7.64396D-04	-6.09793D-04
179	-1.85981D-03	4.59327D-08	9.59408D-03	1.45464D-03	3.52220D-04	9.20240D-04
180	-3.58925D-04	4.01904D-03	1.43319D-03	1.01915D-03	-1.59851D-04	1.63079D-04
181	-1.38402D-05	5.24572D-03	4.57817D-05	9.58269D-04	-1.26891D-04	1.88728D-04
182	1.08678D-03	5.23529D-03	-2.84477D-03	4.64189D-04	5.10852D-06	1.21194D-04
183	1.08114D-03	5.37179D-03	-2.80271D-03	4.59490D-04	4.19380D-06	1.15398D-04
184	6.01518D-04	5.55993D-03	8.98302D-04	4.99994D-04	-1.41026D-05	3.68739D-05
185	1.07821D-03	5.83748D-03	-2.76025D-03	4.36593D-04	1.68179D-06	1.11855D-04
186	-1.02533D-03	3.13214D-03	-8.33533D-04	1.69120D-04	3.78376D-05	3.78659D-04
187	-1.32819D-03	1.68534D-03	-5.61183D-04	1.55628D-04	3.70292D-05	3.89883D-04
188	-1.60550D-03	1.74974D-04	-3.18433D-04	1.45714D-04	3.53117D-05	3.97986D-04
189	-2.61146D-03	-5.32938D-03	1.03455D-03	2.02482D-04	-2.75815D-05	3.31349D-04
190	1.51569D-03	-4.08063D-08	-1.00788D-08	-3.49302D-05	1.04928D-05	4.60830D-06
191	1.53889D-03	9.05700D-08	-2.59729D-04	1.06799D-05	-2.03099D-06	-9.23790D-05
192	1.53758D-03	6.88621D-04	-2.70289D-04	1.24862D-05	-1.21519D-06	-1.04867D-04
193	2.58948D-03	2.02026D-03	-7.67537D-05	2.56059D-05	1.11627D-06	-1.00708D-04
194	-3.92973D-03	4.69485D-03	-1.21060D-03	9.73231D-05	7.72179D-05	-2.74991D-05
195	-1.03000D-03	1.25687D-03	-3.18905D-04	6.55295D-05	5.31962D-05	-4.99481D-06
196	2.23810D-03	2.09830D-03	3.97240D-03	7.14955D-06	1.22003D-05	8.28430D-05
197	8.19251D-04	2.11492D-03	4.12676D-03	9.73952D-06	1.22551D-05	8.30837D-05
198	1.54335D-03	2.31630D-03	3.97580D-03	-1.00440D-06	1.07709D-05	8.70889D-05
199	5.16489D-03	-2.47909D-03	1.57928D-03	-5.95069D-05	-1.24666D-04	2.59513D-04
200	5.50886D-03	-7.16839D-03	4.71880D-04	-8.89617D-06	-1.38589D-05	2.48162D-04
201	6.35697D-03	-7.16957D-03	4.64139D-04	1.10543D-05	-1.58712D-05	2.62318D-04
202	6.90576D-03	-7.17025D-03	4.30652D-04	1.96403D-05	-1.71247D-05	2.68900D-04
203	8.02259D-03	-8.19155D-03	2.61330D-04	3.67099D-05	-1.23687D-05	2.71984D-04
204	8.01705D-03	-9.91602D-03	2.76834D-04	6.89344D-05	2.35654D-05	2.11391D-04
205	7.92880D-03	-1.10965D-02	5.41810D-04	6.86338D-05	5.13590D-05	2.51358D-04
206	5.33542D-03	-1.10860D-02	1.04518D-03	5.41302D-05	6.74721D-05	1.98355D-04
207	4.09333D-03	-1.48929D-02	5.06753D-03	1.82938D-04	1.18440D-04	9.78441D-05
208	2.15240D-03	5.18716D-08	1.10401D-02	5.50315D-04	-1.56367D-05	-2.28730D-04
209	-7.54214D-03	-7.04416D-02	-6.34707D-02	4.88539D-04	-1.54273D-04	-2.04377D-03
210	-6.14930D-03	-7.28507D-02	-6.30412D-02	6.18193D-04	-1.47102D-04	-2.01874D-03
211	3.94371D-02	-7.48471D-02	-5.23833D-02	4.95416D-04	-1.41464D-04	-2.11911D-03
212	-4.97446D-03	-7.29330D-02	-6.25927D-02	8.32735D-04	-1.42111D-04	-1.90420D-03
213	4.99379D-04	-1.21511D-06	-6.07144D-02	2.68620D-03	-2.04505D-04	-5.55668D-04
214	-2.31376D-02	7.20574D-08	7.38386D-03	-1.97183D-04	-8.04159D-05	1.09738D-03
215	3.63464D-03	7.18511D-03	1.94336D-02	-1.24026D-03	1.01246D-04	-2.04135D-04
216	2.35898D-03	-1.55268D-03	2.13680D-02	-1.04878D-03	1.75768D-04	-1.86764D-04
217	2.29137D-03	-8.75517D-03	1.58444D-02	-8.77790D-04	3.31176D-04	-4.26662D-04
218	-1.28426D-02	-2.34938D-02	5.14556D-07	1.71417D-04	1.24127D-03	-2.98347D-04
219	-1.61695D-02	-2.43039D-02	-5.61217D-03	-3.81059D-05	7.77870D-04	2.21085D-04
220	-1.57200D-02	-2.43080D-02	-5.53337D-03	-3.95200D-05	7.74964D-04	2.24399D-04
221	-1.58239D-02	-2.31169D-02	-9.73959D-03	-3.95278D-05	7.75169D-04	2.23933D-04
222	-1.52591D-02	-2.43109D-02	-5.44905D-03	-4.08793D-05	7.71861D-04	2.27935D-04
223	-1.05673D-02	-2.43907D-02	-4.38419D-03	-7.26601D-05	6.72933D-04	3.15023D-04
224	-9.92539D-03	-2.43931D-02	-4.23378D-03	-7.32890D-05	6.69831D-04	3.16936D-04
225	-9.98274D-03	-2.27060D-02	-7.85866D-03	-7.32983D-05	6.69994D-04	3.16483D-04
226	-9.27665D-03	-2.43943D-02	-4.08000D-03	-7.38039D-05	6.66572D-04	3.18962D-04
227	1.43694D-03	-8.73755D-03	-5.23363D-03	-1.77210D-04	-8.00157D-05	1.73774D-04
228	2.42917D-03	-5.66153D-07	2.33043D-02	-1.04439D-03	1.00292D-04	2.49920D-05
229	3.33881D-03	-1.08804D-03	3.02254D-02	-8.98281D-04	1.57246D-05	1.22021D-04
230	3.79591D-03	-1.09041D-03	3.36480D-02	-7.82921D-04	-1.01440D-05	1.03898D-04
231	-1.83072D-07	-1.50495D-02	1.28180D-07	-8.28549D-04	-9.89814D-05	-4.64927D-05
232	6.66700D-03	-1.58247D-02	-2.70125D-02	8.84442D-04	1.98463D-04	1.03762D-04
233	6.45380D-03	-1.58238D-02	-2.52186D-02	8.89231D-04	1.99054D-04	1.04659D-04
234	7.56729D-03	-2.06963D-02	-2.54042D-02	8.89660D-04	1.99179D-04	1.04685D-04
235	6.23683D-03	-1.58219D-02	-2.34088D-02	8.93246D-04	1.99526D-04	1.05425D-04

236	2.36964D-09	-1.14242D-03	-1.68008D-08	8.17975D-04	-7.06172D-04	-5.68933D-05
237	-5.53586D-05	-1.14280D-03	-8.30482D-04	8.16031D-04	-7.12639D-04	-5.51788D-05
238	-3.79233D-04	-1.14342D-03	-5.73034D-03	8.08422D-04	-7.20983D-04	-5.32230D-05
239	-3.79380D-04	-6.11830D-04	-1.03165D-02	8.08422D-04	-7.25853D-04	-5.28109D-05
240	-6.94605D-04	-1.14366D-03	-1.05447D-02	7.96521D-04	-7.17268D-04	-5.26356D-05
241	2.50360D-04	4.38586D-05	-8.00157D-05	-5.07825D-06	-6.71816D-05	-4.99739D-05
242	6.92432D-05	-8.59615D-05	1.41417D-05	-7.61439D-06	-1.52301D-05	-2.97772D-05
243	7.09200D-05	1.67312D-04	-9.05721D-05	-9.03543D-06	-1.10692D-05	-2.87259D-05
244	6.10663D-05	-8.52420D-05	5.06531D-06	-7.63726D-06	-4.66459D-06	-3.65382D-06
245	3.12173D-05	-4.09060D-05	3.46708D-06	-6.33727D-06	-4.33155D-06	-2.66627D-06
246	4.82261D-05	-4.09245D-05	-3.66165D-05	-6.35488D-06	-4.33155D-06	-2.68969D-06
247	6.13341D-06	-6.80406D-06	1.88463D-06	-4.18949D-06	-3.03297D-06	-1.62073D-06
248	-8.89834D-07	1.22727D-04	-6.88411D-06	-1.07777D-05	8.28184D-07	-2.28974D-06
249	-2.51300D-06	5.93998D-05	-4.74537D-06	-9.07423D-06	1.56494D-07	-1.65231D-06
250	7.93473D-06	5.94271D-05	-6.21859D-05	-9.10448D-06	1.56494D-07	-1.65654D-06
251	-1.43551D-06	1.01191D-05	-2.57948D-06	-6.04188D-06	-7.97736D-08	-1.00438D-06
252	1.52606D-03	2.37756D-03	3.94657D-03	-3.72711D-05	-2.67870D-05	1.13205D-04

M O D A L A N A L Y S I S

MODE NUMBER 49
FREQUENCY= 34.2652 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
2	7.40047D-02	-3.53841D-02	-1.80322D-02	9.58207D-05	-9.23080D-04	7.42046D-04
3	7.24307D-02	-2.03243D-02	9.51238D-03	2.85626D-03	-2.05512D-04	8.93627D-04
4	5.57595D-02	-2.03490D-02	6.25932D-02	2.83095D-03	-1.68051D-04	9.37646D-04
5	4.07469D-02	-9.26632D-03	9.57589D-02	1.35613D-03	3.59370D-04	9.16282D-04
6	2.10630D-02	3.08655D-03	7.34904D-02	-2.36949D-04	1.62319D-03	1.21784D-04
7	-2.29432D-02	-2.53878D-04	-6.83935D-03	-2.50308D-04	1.69653D-03	1.82412D-04
8	-7.13220D-02	7.96484D-03	-8.34133D-02	-3.40457D-04	-8.51252D-04	2.93450D-04
9	3.83355D-02	-1.44651D-03	2.70337D-02	-3.94294D-04	-6.71851D-04	3.82967D-04
10	4.44445D-02	1.47353D-07	3.33892D-02	-2.38028D-04	-2.47247D-04	4.67826D-04
11	-1.13886D-02	2.38890D-02	1.39347D-02	-2.20840D-04	-5.82188D-05	4.86340D-04
12	2.32191D-02	6.08170D-06	1.38215D-02	-2.63836D-04	-7.70728D-04	-6.89351D-05
13	4.13393D-02	3.13840D-03	-3.68784D-03	-7.74620D-04	-6.93236D-04	7.61901D-05
14	4.03606D-02	-5.22203D-02	6.98324D-02	-1.81489D-03	6.66377D-04	-8.16076D-04
15	-3.02923D-02	-4.28524D-02	6.99527D-02	1.34220D-03	6.82994D-04	-5.38547D-04
16	-3.48302D-02	1.03875D-03	6.57806D-02	1.71619D-03	-6.95061D-04	-2.57103D-05
17	-3.50736D-02	-8.13772D-02	-3.67204D-02	1.80706D-03	-1.01706D-03	9.50097D-04
18	-3.97831D-02	-1.02318D-01	-4.92892D-02	1.71444D-03	-6.17701D-04	3.04980D-04
19	-4.58318D-02	-1.23924D-01	-5.53901D-02	1.73233D-03	-4.24781D-04	-1.11903D-04
20	-4.75021D-02	-1.26443D-01	-5.84735D-02	1.55653D-03	-2.99291D-05	-8.96419D-04
21	-4.71785D-02	-4.98331D-02	-4.73657D-02	1.36630D-03	3.04228D-04	-1.65311D-03
22	-1.98590D-02	-6.98165D-03	-1.82849D-02	8.69155D-04	1.28172D-04	-1.02263D-03
23	-1.59951D-09	-1.86594D-09	-1.26906D-09	1.07100D-07	-7.30921D-09	-1.11416D-07
25	-4.04506D-03	7.55830D-03	-1.27199D-03	1.16555D-04	5.80901D-05	-3.52129D-05
26	-2.63512D-03	8.96179D-03	-3.05378D-05	4.21480D-05	-3.16422D-06	-1.53090D-04
27	-9.04048D-04	8.95518D-03	4.21897D-04	3.86895D-05	-4.87777D-06	-1.59659D-04
28	3.20659D-03	4.68692D-03	5.51391D-04	-1.36535D-05	1.19768D-05	-1.72060D-04
29	3.20704D-03	2.76883D-03	4.24578D-04	-1.99007D-05	1.18543D-05	-1.60861D-04
30	2.86681D-03	-2.13885D-03	1.51363D-03	-1.95098D-04	1.14686D-05	-1.72032D-05
31	7.30683D-03	6.55897D-04	-2.84641D-03	-3.76216D-04	-2.29029D-04	4.05438D-04
32	1.68600D-02	-9.16239D-04	7.37426D-03	-2.19515D-04	1.66633D-04	8.60902D-05
33	-2.09408D-03	-4.03639D-03	1.14901D-02	7.89936D-05	1.04773D-03	-1.07871D-04
34	-6.52959D-02	4.01889D-02	7.51619D-02	2.44584D-04	-1.54817D-04	4.34179D-05
35	-5.60362D-02	4.03089D-02	7.23201D-02	-1.13944D-04	-9.96914D-04	3.48478D-04
36	4.35268D-02	3.19275D-02	6.15111D-02	-2.15169D-03	1.63136D-03	1.10355D-03
37	4.37293D-02	6.01275D-02	3.44136D-02	-1.34039D-03	1.25570D-03	8.93192D-04
38	3.66321D-04	6.54643D-02	4.23275D-03	3.23549D-05	-1.56332D-04	1.68456D-04
39	-3.86845D-03	4.57557D-02	-1.61328D-02	-1.01059D-03	-3.57319D-04	4.66494D-04
40	-1.56748D-03	4.49305D-02	-5.47002D-03	-1.80304D-03	-2.66135D-05	2.52993D-04
41	1.89698D-04	4.49383D-02	7.58591D-03	-1.88739D-03	-2.55841D-05	2.35985D-04
42	9.79467D-04	2.57827D-02	2.63646D-02	-2.12567D-03	1.16407D-04	1.15860D-05
43	-1.18794D-03	-8.99715D-03	2.64430D-02	-2.09380D-03	1.62086D-04	-8.43811D-05
44	-3.80973D-03	-2.43196D-02	2.97814D-02	-1.79713D-03	3.82930D-04	-4.34740D-04
45	-3.49787D-03	-8.53251D-03	8.93741D-03	-8.71639D-04	1.99659D-04	7.91138D-05
46	-3.53919D-03	-8.88934D-03	9.31584D-03	-8.40686D-04	7.49490D-05	-6.96262D-05
47	-1.07460D-03	-2.41115D-03	2.80960D-03	-3.02050D-04	4.80553D-06	-1.05412D-04
48	-1.03386D-03	-2.58336D-03	2.76229D-03	-2.36889D-04	-2.22306D-05	-1.96643D-04
49	2.68734D-03	9.20948D-03	-5.59620D-04	-1.25991D-04	-1.05827D-05	-3.13027D-04
50	2.30358D-03	5.33661D-03	-7.03614D-04	-1.67485D-04	3.22423D-05	-2.72229D-04
51	2.17048D-03	3.43629D-03	-8.51511D-04	-1.66340D-04	3.23297D-05	-2.67687D-04

52	2.41911D-05	3.29144D-06	-1.06601D-05	-4.32880D-06	1.18718D-06	-7.98002D-06
53	1.29744D-11	2.74749D-11	-3.15554D-12	-4.93987D-10	1.02884D-10	-9.24963D-10
54	4.57845D-04	3.06634D-03	-3.14345D-03	-9.88934D-05	1.44016D-05	9.41987D-05
55	-7.49186D-04	7.65047D-04	-3.42772D-03	-8.32776D-05	7.66798D-05	2.52853D-05
56	-2.54414D-03	-1.35515D-04	-2.22703D-03	-7.77891D-05	1.57221D-04	-4.54859D-05
57	-6.96194D-04	-8.43352D-04	-7.74677D-03	-4.13508D-04	5.26157D-05	4.16222D-05
58	-3.97360D-04	-2.53928D-03	-3.40072D-03	-3.92591D-04	4.00236D-05	-1.41444D-05
59	-1.01391D-03	-2.33339D-03	2.62568D-03	-3.33712D-04	9.91411D-06	-8.59562D-05
60	3.13478D-02	-1.50740D-03	1.42983D-02	-6.46275D-04	-4.65438D-04	3.13494D-04
61	2.59620D-02	-9.21053D-03	2.07142D-03	-5.25826D-04	2.60058D-04	8.33453D-04
62	1.28029D-03	2.48048D-03	-8.11879D-03	4.20857D-05	2.61905D-04	7.10827D-04
63	-1.59506D-05	7.89359D-03	-8.86969D-03	-2.19910D-04	-1.20038D-04	1.38044D-04
64	-4.54788D-05	6.97181D-03	5.18598D-03	-2.46521D-04	-2.03927D-04	-9.39723D-05
65	1.19218D-03	5.37350D-03	3.28846D-03	-3.17879D-04	-1.11007D-04	-3.85341D-05
66	2.12687D-03	5.31505D-03	-6.38384D-03	-3.24233D-04	-8.21685D-05	-3.36278D-05
67	3.70686D-03	7.38221D-04	-1.08308D-02	-2.61163D-04	-5.20835D-05	-2.16316D-05
68	4.88964D-03	-9.13488D-03	-9.59130D-03	1.15731D-04	5.57721D-05	2.49603D-05
69	4.18010D-03	-7.72066D-03	-9.71822D-03	2.11683D-04	1.10731D-04	5.08340D-05
70	8.83209D-04	3.89595D-04	-9.52128D-03	1.30593D-04	-2.19751D-05	5.79644D-05
71	1.98531D-03	3.63380D-03	-5.14793D-03	-8.55284D-05	-3.88273D-04	2.11293D-04
72	4.18633D-03	4.70392D-03	-8.77866D-04	-1.23581D-04	-4.05030D-04	9.63040D-05
73	3.16844D-03	4.91703D-03	-3.16430D-04	6.52663D-05	-2.05753D-04	-1.08720D-04
74	1.10872D-04	2.75162D-03	2.85822D-04	8.51009D-05	-3.10829D-05	-3.15848D-05
76	7.86680D-04	6.31305D-04	-9.16993D-03	1.65712D-04	4.46204D-05	-7.91784D-05
77	7.06738D-04	3.89957D-03	-7.36807D-03	1.95314D-04	8.06810D-05	-1.25565D-04
78	2.60854D-04	4.91380D-03	-6.98082D-04	2.26243D-04	1.45838D-04	7.11225D-05
79	-7.59964D-04	5.16598D-03	6.14854D-03	-2.87858D-04	-6.56334D-06	-3.70270D-05
80	-6.10862D-05	4.23988D-04	4.67917D-05	-4.66895D-05	-3.14320D-06	-9.59464D-06
82	4.36205D-05	6.63095D-04	3.09321D-03	-2.15615D-04	3.16444D-04	2.99890D-06
83	-5.40196D-04	3.97874D-04	2.43944D-03	-1.62853D-04	3.04285D-04	2.65429D-05
84	-2.27516D-03	3.32407D-07	-2.43667D-03	-1.24073D-04	2.69193D-04	2.83420D-05
85	-2.42753D-03	5.59214D-07	-3.06271D-03	-1.02675D-04	1.97714D-04	6.26644D-05
86	-3.20570D-05	4.71021D-07	7.57019D-06	-2.01802D-05	9.67474D-06	1.60204D-05
87	-3.43344D-05	8.74538D-05	-6.43108D-06	-4.86622D-06	-1.51582D-06	8.04030D-07
88	-3.30225D-05	7.45677D-05	-2.79472D-06	5.08152D-06	2.18705D-06	-1.57916D-06
90	-2.41155D-05	-8.67433D-05	1.34495D-05	-4.91364D-06	-4.91978D-06	8.19620D-07
91	-7.08267D-06	-7.41018D-05	2.65013D-06	5.04485D-06	-1.05283D-06	-1.59129D-06
93	1.30079D-02	-8.80875D-03	-2.90007D-03	-3.15103D-04	-6.58167D-04	3.33340D-04
94	5.54193D-02	-3.05964D-02	-1.34055D-02	-1.55142D-04	-9.64851D-04	6.56699D-04
95	2.93551D-02	2.47644D-03	8.85940D-02	1.88202D-05	1.53248D-03	1.23791D-04
96	3.47785D-02	1.69489D-02	6.62030D-02	-1.69317D-03	1.64641D-03	8.77604D-04
97	1.21292D-02	1.50677D-03	5.72117D-02	-2.80077D-04	1.70377D-03	6.02416D-05
98	4.83873D-03	9.49370D-07	4.39172D-02	-2.82610D-04	1.74846D-03	6.97572D-05
99	-2.63358D-02	4.56563D-03	-3.81066D-02	-4.15774D-04	-1.59356D-03	2.73356D-04
100	4.04994D-03	1.54565D-03	-7.48947D-03	-4.31938D-04	-1.43170D-03	2.91664D-04
101	3.19060D-02	-1.08688D-03	2.05375D-02	-4.11497D-04	-9.24072D-04	3.51925D-04
102	4.27366D-02	-9.27025D-04	3.15843D-02	-2.98211D-04	-4.20250D-04	4.35410D-04
103	3.49578D-02	-1.47477D-03	2.18909D-02	-5.42134D-04	-5.76854D-04	3.34303D-04
104	-1.03151D-02	2.16874D-02	1.39437D-02	-2.94312D-04	-3.08883D-04	4.64329D-04
105	-2.36413D-03	1.50564D-02	1.39476D-02	-3.31932D-04	-4.81959D-04	4.51794D-04
106	-1.71777D-02	1.64585D-02	7.22894D-03	-2.93624D-04	-4.85181D-04	5.50061D-04
107	9.95097D-03	6.75520D-03	1.38902D-02	-3.68244D-04	-6.37007D-04	2.39389D-04
108	4.13820D-02	3.05702D-03	-9.18179D-03	-1.01285D-03	-6.33692D-04	2.82690D-04
109	4.31755D-02	-2.61997D-03	-9.16848D-03	-5.82884D-04	6.79098D-05	6.40090D-04
110	4.25208D-02	-4.08956D-03	-9.16251D-03	-3.79428D-04	3.27912D-04	7.93261D-04
111	3.99992D-02	-5.11935D-03	-9.15275D-03	-3.42920D-05	6.82369D-04	1.03578D-03
112	3.52749D-02	-4.63629D-03	-9.14485D-03	2.08213D-04	8.56012D-04	1.19203D-03
113	-2.36008D-03	-6.15573D-03	5.31518D-03	6.06176D-04	8.93037D-04	1.41194D-03
114	2.97503D-02	-3.14849D-03	-9.14704D-03	2.72263D-04	9.58766D-04	1.22167D-03
115	2.71095D-02	-2.35754D-03	-9.14848D-03	3.10715D-04	1.01807D-03	1.24710D-03

116	2.35252D-02	-1.21530D-03	-9.15016D-03	3.45263D-04	1.06703D-03	1.27978D-03
117	1.98085D-02	-1.98454D-08	-9.15070D-03	3.54057D-04	1.08538D-03	1.27978D-03
118	2.78909D-02	-1.21512D-03	-1.04157D-02	5.94366D-04	8.55738D-04	1.97680D-03
119	1.15459D-02	2.70281D-03	-9.15119D-03	3.54527D-04	1.08337D-03	1.27978D-03
120	4.13012D-02	-1.21471D-03	-1.46108D-02	9.10390D-04	4.23098D-04	2.85339D-03
121	5.16724D-02	1.15371D-03	-1.82528D-02	9.28437D-04	3.91055D-04	2.90263D-03
122	4.14311D-02	-9.10083D-06	-1.53142D-02	-1.81397D-03	-5.44951D-04	6.79157D-04
123	4.15051D-02	-2.26720D-02	-2.41067D-02	-1.88610D-03	-3.04934D-04	1.31837D-03
124	4.15780D-02	-9.01387D-02	-1.82055D-02	-3.33149D-03	6.77572D-04	6.72656D-04
125	4.15726D-02	-9.55395D-02	-1.02963D-02	-3.63262D-03	9.42210D-04	1.46879D-04
126	4.15548D-02	-9.18671D-02	1.29210D-02	-4.00602D-03	1.30207D-03	-7.20777D-04
127	6.80078D-02	-1.03346D-01	-1.11954D-01	-4.64397D-03	1.27183D-03	-1.08038D-03
128	4.09781D-02	-7.08527D-02	4.67800D-02	-3.08186D-03	1.38889D-03	-9.71352D-04
129	4.07624D-02	-6.40383D-02	5.62651D-02	-2.63469D-03	1.21883D-03	-9.68849D-04
130	4.14231D-02	-3.07386D-02	7.03158D-02	-1.80376D-03	-1.24212D-04	-5.31706D-04
131	3.17489D-02	-6.79796D-02	6.98924D-02	-1.14382D-03	8.21971D-04	-7.75908D-04
132	-3.49044D-02	-4.32511D-06	5.29565D-02	1.73080D-03	-9.23166D-04	3.62205D-04
133	-4.74351D-02	-1.09876D-01	-5.76215D-02	1.50292D-03	1.19357D-04	-1.22124D-03
134	2.86548D-02	-1.50334D-06	7.10343D-02	-1.48054D-03	-9.73357D-04	-9.22244D-05
135	8.50579D-03	1.96194D-02	7.16392D-02	-9.39231D-04	-1.35631D-03	2.95553D-04
136	-2.30038D-02	3.44648D-02	7.22733D-02	-3.14766D-04	-1.34620D-03	6.16123D-04
137	-4.85026D-02	3.33804D-02	7.20878D-02	5.58872D-05	-1.33879D-03	8.62163D-04
138	-4.94734D-02	3.94844D-02	7.23105D-02	-1.76105D-04	-1.12470D-03	4.36261D-04
139	-5.53301D-02	2.42078D-02	6.50405D-02	4.38281D-04	7.64053D-04	-2.70707D-04
140	-1.82191D-02	1.50938D-06	2.77168D-02	2.42664D-04	1.16297D-03	-2.11739D-04
141	-8.37592D-03	-2.84165D-03	1.78140D-02	1.40074D-04	1.10899D-03	-1.42958D-04
142	-1.28500D-02	-1.77227D-03	1.32534D-02	2.65770D-04	7.43475D-04	-4.13010D-05
143	-1.42436D-02	-1.20606D-03	1.18219D-02	2.42360D-04	6.06861D-04	-7.50111D-05
144	-1.58935D-02	-8.36925D-04	1.01112D-02	1.10266D-04	4.15144D-04	-2.23418D-04
145	-1.73852D-02	-1.82782D-03	8.57101D-03	-5.98265D-05	3.13909D-04	-4.04020D-04
146	1.39964D-02	-2.74644D-03	-1.39674D-02	-1.18882D-03	2.62769D-04	-1.52528D-03
147	-1.85751D-02	-2.58443D-03	7.38586D-03	1.69336D-04	2.60536D-04	-1.89861D-04
148	-1.90148D-02	-2.24611D-03	6.94934D-03	2.97885D-04	2.30417D-04	-7.41818D-05
149	-1.95130D-02	-1.27956D-03	6.45477D-03	4.02239D-04	2.06129D-04	1.36274D-05
150	-1.99667D-02	-1.16417D-07	6.00258D-03	4.36941D-04	1.98040D-04	4.83288D-05
151	-2.00246D-02	-1.28000D-03	5.43684D-03	3.75908D-04	2.81874D-04	-3.65556D-04
152	-2.10447D-02	2.61951D-03	4.92609D-03	4.37263D-04	2.00020D-04	4.86510D-05
153	-2.35090D-02	-1.28087D-03	3.52578D-03	3.40092D-04	4.36971D-04	-8.45279D-04
154	-2.77322D-02	-2.23830D-03	1.38635D-03	3.37724D-04	4.48459D-04	-8.72607D-04
155	1.74863D-02	-7.26737D-07	7.91526D-03	-2.41729D-04	6.69235D-05	1.38258D-04
156	1.47659D-02	9.58470D-04	4.84078D-03	-3.59425D-04	-2.03063D-04	3.42880D-04
157	1.14395D-02	1.02033D-03	1.30541D-03	-4.16777D-04	-2.25305D-04	3.86828D-04
158	8.44082D-04	2.41017D-03	-1.11560D-02	-4.76500D-04	-2.21532D-04	3.83124D-04
159	8.01312D-03	9.42081D-04	-2.09524D-03	-3.88046D-04	-2.27983D-04	4.04077D-04
160	5.83912D-03	4.38958D-07	-4.41614D-03	-3.67706D-04	-2.29110D-04	3.92016D-04
161	-2.37019D-03	-4.77685D-04	-1.49364D-02	-3.64203D-04	-8.76138D-05	2.34000D-04
162	-8.02772D-04	-3.55178D-08	-1.18680D-02	-3.09896D-04	1.21187D-04	1.39012D-04
163	3.53127D-05	-3.32147D-04	-9.77321D-03	-2.94633D-04	1.29087D-04	1.29479D-04
164	5.30049D-04	-6.41765D-04	-8.40520D-03	-2.84673D-04	1.27050D-04	1.20972D-04
165	2.40853D-03	-2.36427D-03	-1.52036D-03	-2.36714D-04	8.44730D-05	5.18038D-05
166	1.53568D-03	6.53938D-02	3.95994D-03	4.18078D-05	-1.41020D-04	1.67076D-04
167	-1.31940D-03	6.54922D-02	4.55407D-03	3.61219D-05	-1.56186D-04	1.67458D-04
168	9.63308D-05	6.41137D-02	2.94805D-03	9.50054D-06	-1.68982D-04	1.76108D-04
169	-4.88933D-04	6.14935D-02	1.03928D-04	-1.95243D-04	-2.61610D-04	2.99997D-04
170	-2.98392D-03	4.92592D-02	-1.18898D-02	-7.91787D-04	-3.62676D-04	5.03550D-04
171	-1.13940D-03	4.92807D-02	-9.44625D-03	-6.95877D-04	-3.62676D-04	5.99778D-04
172	5.58262D-04	4.92975D-02	-7.65810D-03	-6.43915D-04	-3.62676D-04	6.54556D-04
173	3.93955D-03	4.93058D-02	-4.38200D-03	-6.37921D-04	-3.62676D-04	6.61683D-04
174	8.43184D-03	4.93074D-02	-7.62574D-05	-6.37874D-04	-3.62676D-04	6.67119D-04
175	-3.42832D-03	4.72577D-02	-1.40223D-02	-9.00715D-04	-3.60566D-04	4.87299D-04

176	-7.93719D-04	4.49344D-02	8.86372D-08	-1.84311D-03	-2.61723D-05	2.47003D-04
177	-3.75367D-03	-2.25255D-08	3.88209D-02	-1.54665D-03	-2.41374D-04	-3.52740D-04
178	-3.64283D-03	5.95902D-03	7.73868D-08	-1.20478D-03	-2.88650D-04	1.57731D-04
179	5.12831D-04	-1.19006D-08	-2.96544D-03	-6.10931D-04	-1.17707D-04	-3.11802D-04
180	8.09817D-05	-8.59545D-04	-3.60045D-04	-4.88864D-04	6.20421D-05	-1.06288D-04
181	-6.22881D-05	-1.23186D-03	2.03463D-04	-4.72716D-04	5.37498D-05	-1.11012D-04
182	-9.64297D-04	-2.13629D-03	2.51067D-03	-3.36467D-04	8.65636D-06	-8.99339D-05
183	-9.86339D-04	-2.22058D-03	2.56137D-03	-3.35111D-04	8.81102D-06	-8.85020D-05
184	-5.71801D-04	-2.32474D-03	-8.03886D-05	-3.70182D-04	2.47577D-05	-4.53108D-05
185	-1.04183D-03	-2.43690D-03	2.71126D-03	-3.21741D-04	8.70392D-06	-9.24560D-05
186	9.69778D-04	-9.78184D-04	9.62405D-04	-1.45760D-04	-3.68400D-05	-2.85976D-04
187	1.26108D-03	-3.74118D-05	6.99082D-04	-1.36003D-04	-3.54608D-05	-2.95764D-04
188	1.52406D-03	9.71705D-04	4.68165D-04	-1.27858D-04	-3.33161D-05	-3.04056D-04
189	2.23723D-03	4.39215D-03	-7.76535D-04	-1.67076D-04	3.23388D-05	-2.70150D-04
190	3.03740D-03	-6.04751D-08	2.46927D-08	-1.39694D-04	-2.09424D-05	3.22937D-06
191	3.20316D-03	1.50452D-07	2.16254D-04	-3.14430D-05	1.19199D-05	-1.25706D-04
192	3.20491D-03	9.54447D-04	2.93917D-04	-2.71559D-05	1.18999D-05	-1.42441D-04
193	4.56136D-03	2.79586D-03	2.89218D-04	-1.14127D-05	1.20564D-05	-1.22412D-04
194	-3.05942D-03	5.76501D-03	-9.26686D-04	1.16981D-04	5.96023D-05	-2.16433D-05
195	-8.06270D-04	1.53527D-03	-2.42697D-04	7.87333D-05	4.14200D-05	-1.02538D-06
196	1.12414D-03	3.06269D-03	-2.46699D-03	-9.57705D-05	1.43761D-05	9.50559D-05
197	-4.96426D-04	3.04380D-03	-4.18921D-03	-1.02711D-04	1.44613D-05	9.46930D-05
198	3.48090D-04	2.52158D-03	-3.17098D-03	-9.68659D-05	1.51506D-05	9.11050D-05
199	-2.94790D-03	1.17840D-04	-9.01413D-04	-8.78101D-05	1.12520D-04	-6.12721D-05
200	-3.19373D-03	8.80558D-04	-8.12140D-05	-1.10668D-04	-4.95067D-06	-8.36373D-05
201	-3.52489D-03	8.80483D-04	3.11325D-04	-1.25263D-04	-4.68015D-06	-1.10274D-04
202	-3.76431D-03	8.80429D-04	5.78174D-04	-1.32685D-04	-4.51165D-06	-1.17831D-04
203	-4.23163D-03	1.15182D-03	1.11168D-03	-1.51050D-04	-1.19554D-05	-1.08644D-04
204	-4.17096D-03	1.52664D-03	9.08160D-04	-1.66391D-04	-4.93833D-05	-9.26166D-05
205	-4.03743D-03	1.81959D-03	4.77763D-04	-1.69007D-04	-7.54711D-05	-1.13794D-04
206	-2.90700D-03	1.81719D-03	-9.93957D-04	-1.37327D-04	-8.47296D-05	-9.42674D-05
207	-1.56739D-03	3.51908D-03	-5.2958[illegible]D-03	-1.96891D-04	-1.11579D-04	-9.80861D-05
208	-6.18818D-04	-2.16742D-08	-8.02429D-03	-4.02372D-04	4.81814D-05	3.21569D-05
209	2.06293D-02	-1.12971D-02	-2.42859D-04	-3.85479D-04	3.30806D-04	8.97093D-04
210	1.78294D-02	-1.14257D-02	-1.39236D-03	-3.67783D-04	3.32388D-04	9.04949D-04
211	-1.59647D-03	-1.06754D-02	-1.00996D-02	-3.92573D-04	3.33201D-04	9.08000D-04
212	1.50630D-02	-1.12120D-02	-2.51285D-03	-3.30526D-04	3.31333D-04	9.06495D-04
213	3.27764D-03	-2.07200D-07	-7.30883D-03	3.99970D-05	2.79120D-04	7.65428D-04
214	3.83552D-03	7.70432D-08	-1.07536D-02	-2.54720D-04	-5.12331D-05	-2.09931D-05
215	1.09356D-03	-1.16740D-03	-9.57117D-03	1.72478D-04	3.67074D-05	5.62701D-05
216	8.53269D-04	-6.70031D-05	-9.65546D-03	1.41568D-04	-1.59548D-06	1.97691D-05
217	8.91879D-04	1.27600D-03	-8.78803D-03	8.09819D-05	-6.95778D-05	8.61076D-05
218	4.75860D-03	4.71996D-03	-2.33668D-07	-1.11745D-04	-3.94109D-04	8.72677D-05
219	5.87383D-03	4.89472D-03	1.4517[illegible]D-03	5.08593D-05	-2.48492D-04	-7.10128D-05
220	5.72955D-03	4.89562D-03	1.34806D-03	5.14759D-05	-2.47579D-04	-7.21795D-05
221	5.76265D-03	4.51828D-03	2.68147D-03	5.14768D-05	-2.47638D-04	-7.20816D-05
222	5.58119D-03	4.89626D-03	1.24234D-03	5.20574D-05	-2.46608D-04	-7.33807D-05
223	4.05328D-03	4.91415D-03	2.27106D-04	6.43964D-05	-2.15673D-04	-1.03200D-04
224	3.84288D-03	4.91469D-03	9.58537D-05	6.45881D-05	-2.14702D-04	-1.03864D-04
225	3.86067D-03	4.36779D-03	1.24606D-03	6.45903D-05	-2.14731D-04	-1.03771D-04
226	3.63002D-03	4.91497D-03	-3.60947D-05	6.47311D-05	-2.13705D-04	-1.04521D-04
227	-8.40824D-05	1.20140D-03	6.37357D-04	5.52877D-05	9.49888D-07	-1.92595D-05
228	8.11192D-04	1.73928D-07	-9.47295D 03	1.56864D-04	2.79213D-05	-4.39595D-05
229	3.29525D-04	6.33406D-04	-1.02135D-02	1.47285D-04	5.91614D-05	-6.52012D-05
230	8.65602D-05	6.34701D-04	-1.07832D-02	1.26251D-04	6.82851D-05	-5.70738D-05
231	1.30345D-07	4.92134D-03	-4.73785D-08	2.24777D-04	1.44085D-04	6.97493D-05
232	-1.08912D-03	5.17299D-03	8.62422D-03	-2.75145D-04	-3.47728D-06	-3.70102D-05
233	-1.01402D-03	5.17268D-03	8.06570D-03	-2.76770D-04	-3.77053D-06	-3.70714D-05
234	-1.04477D-03	6.69079D-03	8.13817D-03	-2.76915D-04	-3.78421D-06	-3.70787D-05
235	-9.38514D-04	5.17199D-03	7.50180D-03	-2.78138D-04	-4.05071D-06	-3.71047D-05

236	-1.12374D-09	6.62541D-04	6.63886D-09	-2.21890D-04	3.13772D-04	4.71506D-06
237	3.95900D-06	6.62733D-04	2.26513D-04	-2.22050D-04	3.16053D-04	3.90638D-06
238	2.39754D-05	6.63054D-04	1.56320D-03	-2.20537D-04	3.18995D-04	2.99598D-06
239	2.39838D-05	6.47085D-04	3.58883D-03	-2.20537D-04	3.20764D-04	2.67377D-06
240	4.10295D-05	6.63081D-04	2.87703D-03	-2.17691D-04	3.17558D-04	2.93540D-06
241	-1.19062D-04	4.78603D-07	-9.34135D-05	-2.84057D-05	2.58344D-05	2.47315D-05
242	-3.14794D-05	5.21942D-05	-1.25714D-05	-1.47450D-05	5.24871D-06	1.25469D-05
243	-3.21247D-05	-5.13180D-05	2.76905D-05	-1.47653D-05	4.86354D-06	1.25575D-05
244	-3.00515D-05	6.78320D-05	-2.35079D-06	5.23579D-06	2.28366D-06	-1.29070D-06
245	-1.53631D-05	3.45070D-05	-1.60528D-06	4.83647D-06	2.12923D-06	-9.18537D-07
246	-9.61997D-06	3.45230D-05	2.89935D-05	4.85078D-06	2.12923D-06	-9.13700D-07
247	-3.02309D-06	6.68940D-06	-8.72597D-07	3.36835D-06	1.49182D-06	-5.58347D-07
248	-6.23533D-06	-6.74115D-05	2.23827D-06	5.20072D-06	-8.08192D-07	-1.30804D-06
249	-2.40217D-06	-3.42987D-05	1.54660D-06	4.80710D-06	-5.24068D-07	-9.42579D-07
250	3.55123D-06	-3.43148D-05	3.19745D-05	4.82297D-06	-5.24068D-07	-9.44259D-07
251	-1.16355D-07	-6.64936D-06	8.40700D-07	3.34797D-06	-2.95456D-07	-5.72962D-07
252	1.62383D-04	1.90599D-03	-3.19964D-03	-8.79567D-05	3.27232D-05	6.83405D-05

M O D A L A N A L Y S I S

MODE NUMBER 50
FREQUENCY= 35.0066 HZ

EIGENVECTORS NORMALIZED TO A UNIT MASS MATRIX

DISPLACEMENTS/ROTATIONS OF UNRESTRAINED NODES

NODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION
2	1.10050D-02	-1.66390D-02	-3.48751D-03	-2.03357D-04	-1.72977D-04	4.15619D-04
3	4.14035D-03	-2.48508D-02	-1.31048D-02	-7.58391D-04	-1.25984D-04	8.44981D-04
4	-1.15690D-02	-2.47955D-02	-2.70085D-02	-7.35565D-04	-1.54106D-04	8.71349D-04
5	-2.40300D-02	-2.12970D-02	-3.37626D-02	-2.94593D-04	-3.41747D-04	8.34212D-04
6	-2.08195D-02	-7.46612D-03	-2.00515D-02	-9.23036D-05	-7.96740D-04	5.18495D-04
7	-9.59894D-04	6.45652D-04	1.63208D-02	-2.45143D-04	-6.99904D-04	-9.62771D-06
8	1.39382D-02	-3.27295D-02	4.06526D-02	1.64779D-04	4.01300D-04	-9.50148D-05
9	-3.17751D-02	-1.36227D-04	-6.43445D-03	2.08603D-04	2.22418D-04	-3.28583D-04
10	-3.34581D-02	-4.50050D-07	-7.89034D-03	2.35379D-04	1.62621D-05	-2.61803D-04
11	-5.41954D-03	4.04946D-03	4.12597D-03	-6.14194D-06	-1.29967D-04	-1.93195D-04
12	-1.33129D-03	5.83458D-08	4.22151D-03	-9.59503D-05	-2.04937D-05	-1.20845D-04
13	-1.13861D-03	-7.85532D-04	3.94111D-03	-9.01680D-05	-2.13023D-05	-5.15599D-05
14	-1.21537D-03	6.24739D-04	-8.34337D-04	1.68940D-05	-1.01845D-05	4.25648D-05
15	1.71793D-04	4.27741D-04	-8.35055D-04	-1.53416D-05	-1.66543D-05	1.55739D-05
16	3.74161D-04	-9.19484D-05	-8.90872D-04	-1.82581D-05	6.10430D-06	-3.35545D-06
17	3.84639D-04	1.70054D-03	4.90211D-04	-2.25813D-05	1.63172D-05	-1.83440D-05
18	4.72275D-04	2.02279D-03	7.10591D-04	-2.12679D-05	1.21610D-05	-5.19469D-06
19	6.02852D-04	2.29335D-03	8.40547D-04	-2.23243D-05	9.38089D-06	3.08700D-06
20	6.46716D-04	2.26423D-03	9.24159D-04	-2.01629D-05	2.11433D-06	1.76523D-05
21	6.46745D-04	8.21592D-04	7.83367D-04	-2.02083D-05	-5.07106D-06	2.94802D-05
22	2.37638D-04	1.17331D-04	3.03043D-04	-1.40511D-05	-3.78142D-06	1.44119D-05
23	9.76827D-12	3.80536D-11	2.14542D-11	-1.79405D-09	-1.09265D-10	1.34749D-09
25	-1.07675D-04	7.70903D-05	-3.55971D-05	1.07116D-06	1.44186D-06	-9.19682D-07
26	-7.04813D-05	6.55860D-05	-5.72358D-05	-1.40295D-06	-1.02308D-07	-3.29279D-06
27	-3.31768D-05	6.55837D-05	-7.32545D-05	-1.40054D-06	-1.57817D-07	-3.33873D-06
28	2.91700D-05	1.83127D-05	-7.83672D-05	-3.28335D-07	-1.46256D-06	-9.13263D-07
29	2.93227D-05	9.08103D-06	-6.17775D-05	-2.28114D-07	-1.55476D-06	-7.16813D-07
30	2.91375D-05	-3.86259D-05	-3.45300D-04	3.81803D-07	1.20532D-06	-2.13004D-07
31	-1.09172D-04	1.34977D-05	1.13087D-04	1.68954D-06	2.71681D-06	5.68699D-07
32	8.46560D-05	-2.79523D-05	2.94177D-04	-9.51888D-07	-1.12342D-05	-3.53781D-06
33	6.64827D-04	-6.08727D-05	2.28376D-04	-1.05528D-06	-2.52302D-05	-4.95097D-06
34	1.85581D-03	2.56772D-04	-9.78292D-04	-4.26875D-06	1.01504D-05	-4.34493D-06
35	1.53122D-03	1.94429D-04	-8.70221D-04	-7.14368D-06	3.05146D-05	-2.57989D-06
36	-3.33297D-02	-7.18386D-03	-1.33407D-02	2.69963D-04	-9.51608D-04	2.91337D-04
37	-4.12590D-02	-1.00829D-02	-5.78045D-03	2.62679D-04	-7.34074D-04	-1.43651D-04
38	-2.96047D-03	-1.10437D-02	-3.43807D-03	-1.65525D-04	1.79633D-04	-2.57442D-04
39	-2.01905D-03	-2.00348D-04	6.78909D-04	-3.95104D-05	-6.69408D-05	-3.37061D-05
40	-1.62498D-03	-4.23563D-04	-1.21132D-05	-8.34881D-06	-7.81608D-05	7.22884D-05
41	-1.12182D-03	-4.25379D-04	5.32936D-05	-1.52486D-05	-7.14601D-05	6.69723D-05
42	-3.92081D-04	-1.07967D-03	5.01591D-04	-9.61038D-05	-1.97959D-05	1.09246D-05
43	-1.32690D-04	-2.72092D-03	5.02201D-04	-9.95118D-05	-1.37085D-05	-2.26444D-06
44	-5.56601D-05	-3.29629D-03	4.41392D-04	-6.93298D-05	-6.01386D-06	-4.96667D-05
45	-7.22888D-05	-1.61070D-03	2.95998D-04	2.16318D-05	2.46546D-06	5.06662D-05
46	-7.28070D-05	-1.70801D-03	2.99268D-04	2.55324D-05	-1.00954D-07	2.89600D-05
47	7.39131D-05	7.00150D-05	-2.06635D-04	2.31543D-05	-7.34570D-07	9.55794D-06
48	7.18718D-05	7.45579D-05	-2.04873D-04	1.86589D-05	1.56052D-06	1.61882D-05
49	-2.34214D-04	-8.65366D-04	6.80625D-05	1.19478D-05	1.00143D-06	2.75693D-05
50	-2.03908D-04	-4.96842D-04	7.97306D-05	1.63194D-05	-2.53098D-06	2.44112D-05
51	-1.93437D-04	-3.20935D-04	9.13205D-05	1.61930D-05	-2.53122D-06	2.40607D-05

52	-2.20416D-06	-3.29816D-07	1.12247D-06	4.41777D-07	-1.03400D-07	7.22397D-07
53	-1.19697D-12	-2.75310D-12	3.76516D-13	5.05229D-11	-8.96091D-12	8.37778D-11
54	2.36903D-05	3.91595D-06	1.80947D-04	8.59764D-07	1.58949D-06	1.63383D-06
55	8.40570D-06	-4.81566D-06	1.72315D-04	-2.59066D-06	-1.91785D-06	5.35728D-06
56	8.89994D-05	-7.52278D-05	1.11431D-04	-1.88841D-06	-8.93885D-06	8.59501D-06
57	-4.99867D-05	4.14629D-05	5.42253D-0	2.78622D-05	-8.85082D-07	2.52017D-07
58	-2.68635D-05	1.11625D-04	2.57228D-04	2.83256D-05	-2.47624D-06	4.86029D-06
59	6.67496D-05	9.51613D-05	-1.84213D-04	2.51284D-05	-1.16228D-06	7.73683D-06
60	-1.24798D-02	-2.11299D-04	-1.15413D-02	-3.58526D-04	1.67655D-04	-1.11562D-03
61	1.60874D-02	-1.68399D-02	-2.08937D-02	2.55360D-04	3.54753D-04	-1.74919D-03
62	-5.21280D-02	4.74264D-03	-4.88713D-02	2.20415D-04	8.94108D-04	7.59119D-04
63	-5.17812D-02	1.46748D-02	-3.91581D-02	-9.39686D-04	-2.00303D-03	1.46564D-03
64	-5.19130D-02	1.32815D-01	1.4344/D-01	-4.50229D-03	-2.42845D-03	1.04124D-03
65	-2.46358D-02	1.22128D-01	6.97648D-02	-7.94695D-03	-3.38516D-04	-3.05420D-03
66	7.29603D-02	1.21685D-01	-1.76917D-01	-8.16972D-03	-4.34136D-04	-3.32880D-03
67	1.34527D-01	1.55196D-02	-2.79745D-01	-4.52298D-03	-1.18583D-03	-2.38919D-03
68	1.85317D-01	-2.25284D-01	-2.38057D-01	2.94897D-03	1.63051D-03	-1.75511D-04
69	1.63003D-01	-1.91535D-01	-2.42268D-01	5.18684D-03	3.59083D-03	5.27975D-04
70	4.87215D-02	3.22396D-03	-2.37496D-01	2.95426D-03	-1.18087D-04	1.09815D-03
71	7.52921D-02	7.69054D-02	-1.33447D-01	-2.50076D-03	-9.55232D-03	5.17152D-03
72	1.30819D-01	1.03540D-01	-2.32663D-02	-3.30421D-03	-9.96730D-03	2.48799D-03
73	8.75815D-02	1.08502D-01	-5.48093D-03	1.74204D-03	-5.09811D-03	-3.18297D-03
74	3.51635D-03	5.00214D-02	7.16828D- 3	2.04444D-03	-7.71900D-04	-6.75687D-04
76	4.56808D-02	1.59692D-02	-2.20318D-01	3.67966D-03	1.28924D-03	-1.95505D-03
77	4.31068D-02	9.24215D-02	-1.72360D-01	4.28016D-03	2.13242D-03	-2.79527D-03
78	8.82902D-03	9.80697D-02	-1.53106D-02	4.96451D-03	3.90411D-03	2.44437D-03
79	2.42614D-02	1.05656D-01	1.29469D-01	-6.20016D-03	1.57250D-03	-3.95308D-04
80	2.08242D-03	7.88578D-03	1.03971D-03	-9.16176D-04	2.29965D-04	-5.97508D-05
82	-4.55748D-03	1.69320D-02	7.74284D-02	-5.40604D-03	9.97348D-03	-3.10142D-04
83	-2.44279D-02	9.32096D-03	5.07497D-02	-4.31176D-03	9.44933D-03	6.94808D-04
84	-7.84148D-02	-6.76029D-04	-1.00979D-01	-3.58994D-03	8.38976D-03	9.17977D-04
85	-8.25457D-02	-1.20229D-04	-1.19830D-01	-3.55639D-03	5.96990D-03	2.09707D-03
86	-9.99487D-04	-1.05688D-04	7.38371D-05	-9.12927D-04	2.92138D-04	5.22263D-04
87	-1.09776D-03	2.87050D-03	-2.21414D-04	-2.85416D-04	-5.97227D-05	1.84774D-06
88	-1.07515D-03	2.61812D-03	-9.11142D-05	1.67705D-04	7.05497D-05	-8.40107D-05
90	-7.89128D-04	-3.02669D-03	3.78963D-04	-2.77513D-04	-1.34622D-04	-5.09905D-06
91	-2.91684D-04	-2.71847D-03	7.33339D-05	1.75587D-04	-3.63055D-05	-8.87466D-05
93	1.65430D-03	-2.10245D-03	-6.18582D-04	-8.43609D-05	-9.12636D-05	1.39690D-04
94	7.83619D-03	-1.11859D-02	-2.53192D-03	-1.69647D-04	-1.58915D-04	3.34810D-04
95	-2.49152D-02	-1.26082D-02	-2.76087D-02	-1.28383D-04	-7.65150D-04	5.90667D-04
96	-2.82331D-02	-6.55495D-03	-1.60901D-02	1.80773D-04	-9.21737D-04	3.51545D-04
97	-1.65202D-02	-2.82924D-03	-1.21640D-02	-1.10717D-04	-8.08061D-04	4.32326D-04
98	-1.31162D-02	-6.43266D-07	-5.92544D-03	-1.41307D-04	-8.06790D-04	3.34930D-04
99	-5.30937D-03	-2.12234D-02	2.08434D-02	4.47953D-04	6.84616D-04	8.13011D-05
100	-1.82626D-02	-9.71221D-03	7.46726D-03	4.75923D-04	6.04517D-04	4.25682D-05
101	-2.95154D-02	-5.80190D-04	-4.06184D-03	3.15506D-04	3.46724D-04	-1.94903D-04
102	-3.31294D-02	-1.84456D-04	-7.64721D-03	2.35979D-04	9.74589D-05	-2.76759D-04
103	-2.50948D-02	-1.70807D-04	-7.21714D-03	-1.37948D-04	1.97214D-04	-7.75106D-04
104	-4.44052D-03	3.88354D-03	4.18204D-03	-2.94592D-05	-9.10208D-05	-1.92736D-04
105	-2.75597D-03	3.12270D-03	4.21785D-03	-4.13806D-05	-6.49940D-05	-1.92476D-04
106	2.79251D-03	2.68757D-03	3.85270D-03	-2.01808D-05	-6.67772D-05	-2.06712D-04
107	-1.76167D-03	1.73019D-03	4.22035D-03	-7.51113D-05	-3.98356D-05	-1.63257D-04
108	-1.14672D-03	-4.34373D-04	3.75020D-03	-8.11153D-05	-2.34919D-05	-4.93774D-05
109	-9.65232D-04	-6.58819D-04	3.738[illegible]5D-03	-1.26362D-05	-2.99756D-05	-3.68874D-05
110	-8.70881D-04	-6.55301D-04	3.73302D-03	-5.05366D-06	-3.39035D-05	-3.15346D-05
111	-6.94606D-04	-6.58948D-04	3.72460D-03	-1.98730D-05	-4.13677D-05	-2.30592D-05
112	-4.30814D-04	-8.32255D-04	3.71788D-03	-5.34533D-05	-4.72187D-05	-1.75988D-05
113	-3.68268D-05	-1.24774D-03	-3.72803D-03	-3.71785D-04	-6.61250D-05	-8.12690D-06
114	-1.53561D-04	-8.62204D-04	3.71860D-03	2.19221D-05	-4.56637D-05	-1.75918D-05
115	-3.55575D-05	-7.14174D-04	3.71905D-03	6.36319D-05	-4.48226D-05	-1.75857D-05

116	1.13602D-04	-3.95019D-04	3.71957D-03	9.66941D-05	-4.41767D-05	-1.75780D-05
117	2.61393D-04	-2.77741D-08	3.71980D-03	1.08452D-04	-4.40232D-05	-1.75780D-05
118	6.76972D-05	-3.95117D-04	3.54166D-03	4.41136D-05	-4.42292D-05	-1.74174D-05
119	5.97794D-04	8.27925D-04	3.72001D-03	1.08602D-04	-4.41314D-05	-1.75780D-05
120	-2.52937D-05	-3.95306D-04	3.51582D-03	-2.28040D-05	-4.43366D-05	-1.72163D-05
121	2.05713D-05	-4.61480D-04	3.61795D-03	-2.66720D-05	-4.43446D-05	-1.72040D-05
122	-1.15659D-03	3.26084D-07	3.49565D-03	-7.06710D-05	-2.51551D-05	-5.24554D-05
123	-1.17478D-03	1.14663D-03	3.00136D-03	-5.08267D-05	-2.83513D-05	-5.71743D-05
124	-1.21735D-03	3.21520D-03	1.43156D-03	-6.93710D-07	-3.50681D-05	-6.62637D-06
125	-1.22558D-03	3.20906D-03	1.07181D-03	9.75066D-06	-3.53080D-05	1.44755D-05
126	-1.23868D-03	2.63210D-03	3.25817D-04	2.27019D-05	-3.41573D-05	4.60407D-05
127	-2.83347D-03	2.72934D-03	1.14192D-03	3.02739D-05	-3.28397D-05	6.17056D-05
128	-1.22750D-03	1.51906D-03	-4.19388D-04	2.02523D-05	-2.91524D-05	5.07889D-05
129	-1.22329D-03	1.18911D-03	-6.01831D-04	1.90670D-05	-2.36839D-05	4.94195D-05
130	-1.18830D-03	3.69695D-04	-8.41601D-04	1.93971D-05	7.66283D-06	3.38812D-05
131	-1.07635D-03	7.69793D-04	-8.34972D-04	1.02371D-05	-1.39808D-05	3.86583D-05
132	3.76248D-04	5.83085D-08	-7.57465D-04	-1.89532D-05	1.03483D-05	-1.07816D-05
133	6.47072D-04	1.94026D-03	9.31350D-04	-2.01757D-05	-8.20899D-07	2.34634D-05
134	-8.17392D-04	1.35759D-07	-8.52471D-04	1.26399D-05	2.72334D-05	2.04611D-05
135	-2.81716D-04	-1.01800D-04	-8.61698D-04	9.71270D-07	3.66812D-05	8.61974D-06
136	5.64428D-04	-2.08552D-05	-8.71426D-04	-8.64472D-06	3.76038D-05	-1.16927D-06
137	7.76613D-04	1.20561D-05	-1.23250D-03	-1.54325D-05	3.74587D-05	-5.51604D-06
138	1.33169D-03	1.49832D-04	-8.70588D-04	-7.62999D-06	3.33928D-05	-2.11723D-06
139	1.79750D-03	1.80025D-04	-9.11777D-04	-1.65370D-06	-1.31761D-05	-5.97576D-06
140	1.03718D-03	4.56035D-09	-1.45498D-04	-8.40840D-07	-2.59676D-05	-5.67182D-06
141	8.13268D-04	-3.83660D-05	7.93633D-05	-1.00206D-06	-2.58074D-05	-5.23433D-06
142	8.91805D-04	-8.31114D-05	1.59551D-04	-8.61647D-06	-7.80267D-06	1.58515D-06
143	8.99848D-04	-9.80702D-05	1.68321D-04	-1.01162D-05	-1.24821D-06	6.27014D-06
144	8.86305D-04	-1.01575D-04	1.55959D-04	-1.03389D-05	7.57802D-06	1.58420D-05
145	8.42665D-04	-6.25635D-05	1.13267D-04	-8.56539D-06	1.18091D-05	2.39260D-05
146	-3.34610D-04	-6.12123D-05	2.24257D-04	9.84070D-06	1.30563D-05	5.17706D-05
147	7.86431D-04	-1.60947D-05	5.68610D-05	-1.23866D-05	1.41301D-05	2.09670D-05
148	7.58278D-04	-5.93988D-06	2.86041D-05	-1.45776D-05	1.54631D-05	1.95156D-05
149	7.19083D-04	-6.70579D-07	-1.07092D-05	-1.64231D-05	1.65577D-05	1.86208D-05
150	6.77793D-04	1.86241D-09	-5.20430D-05	-1.69716D-05	1.69569D-05	1.80723D-05
151	7.93563D-04	-6.57831D-07	3.60734D-05	-1.89593D-05	1.22123D-05	3.63587D-05
152	5.86640D-04	5.94653D-06	-1.43237D-04	-1.69706D-05	1.69024D-05	1.80733D-05
153	1.06003D-03	-6.31681D-07	1.47932D-04	-2.20455D-05	3.31455D-06	5.87644D-05
154	1.29037D-03	6.74710D-05	2.30166D-0	-2.22068D-05	2.65551D-06	6.00350D-05
155	1.93808D-05	4.07334D-09	2.30786D-04	-8.53653D-07	-9.18440D-06	-3.21656D-06
156	-1.24021D-04	7.25889D-05	9.52020D-05	7.75933D-07	-1.65421D-06	-6.20589D-07
157	-1.34210D-04	5.70572D-05	8.79000D-05	1.81288D-06	1.25918D-07	7.17827D-07
158	-1.81810D-04	5.62745D-05	1.60369D-04	2.67112D-06	1.42031D-08	1.73788D-06
159	-1.17869D-04	2.05052D-05	1.04123D-04	1.73956D-06	1.63080D-06	6.30884D-07
160	-8.13470D-05	-6.78482D-10	1.41823D-04	1.60365D-06	4.63745D-06	4.58051D-07
161	2.51494D-04	-5.36319D-05	5.57187D-04	7.18312D-07	5.08049D-06	-6.15178D-07
162	2.24287D-04	-1.02857D-09	4.64120D-04	3.08784D-07	-6.20482D-06	-5.01403D-07
163	1.82235D-04	2.33498D-06	3.51472D-04	3.92849D-07	-7.26666D-06	-1.56673D-07
164	1.54996D-04	9.91751D-07	2.70276D-04	4.37908D-07	-7.59448D-06	3.93248D-08
165	4.54742D-05	-2.81836D-05	-1.91796D-04	4.96201D-07	-5.62481D-06	3.65131D-07
166	-4.80524D-03	-1.10309D-02	-2.29472D-03	-1.61837D-04	1.69725D-04	-2.65727D-04
167	-3.82213D-04	-1.09522D-02	-5.09793D-03	-1.70397D-04	1.79449D-04	-2.56697D-04
168	-2.64700D-03	-8.79971D-03	-1.97176D-03	-1.61961D-04	1.84894D-04	-2.48751D-04
169	-2.11991D-03	-5.71388D-03	4.50531D-04	-1.31854D-04	1.40976D-04	-1.83330D-04
170	-1.87529D-03	-8.59567D-04	1.42288D-03	-6.09897D-05	-4.73975D-05	-6.09745D-05
171	-2.24685D-03	-8.59984D-04	1.76725D-03	-1.38111D-04	-4.73975D-05	-1.52835D-04
172	-2.73834D-03	-8.60311D-04	2.20624D-03	-1.81323D-04	-4.73975D-05	-2.04279D-04
173	-3.80990D-03	-8.60471D-04	3.15622D-03	-1.86744D-04	-4.73975D-05	-2.10726D-04
174	-5.24882D-03	-8.60503D-04	4.43082D-03	-1.89696D-04	-4.73975D-05	-2.14188D-04
175	-1.94109D-03	-4.81984D-04	1.07969D-03	-5.00709D-05	-5.99829D-05	-4.65024D-05

176	-1.39376D-03	-4.24348D-04	1.70491D-08	-1.08131D-05	-7.52891D-05	7.04628D-05
177	-6.05859D-05	1.69314D-10	1.39530D-04	-4.47114D-05	-4.86283D-06	-6.36056D-05
178	-6.68225D-05	2.33106D-03	4.38480D-10	-1.11108D-05	2.28395D-06	2.10645D-05
179	3.35266D-05	-1.90516D-09	-7.47317D-05	3.47691D-05	-2.61908D-06	-8.24381D-06
180	8.39473D-06	-2.05617D-04	-2.48702D-05	2.60657D-05	-1.19095D-08	1.19197D-05
181	8.64883D-06	-2.31741D-04	-2.82771D-05	2.65818D-05	-5.50049D-07	9.57114D-06
182	6.11188D-05	9.08431D-05	-1.68128D-04	2.53525D-05	-1.17047D-06	7.18229D-06
183	6.36903D-05	9.39792D-05	-1.75482D-04	2.52544D-05	-1.14443D-06	7.42249D-06
184	1.65210D-05	9.50437D-05	1.61657D-05	2.71952D-05	-1.80872D-06	6.13795D-06
185	6.98895D-05	9.14689D-05	-1.94087D-04	2.43716D-05	-1.06212D-06	8.41241D-06
186	-8.35904D-05	-4.49312D-05	-6.53808D-05	1.30397D-05	3.06223D-06	2.37566D-05
187	-1.08181D-04	-1.14620D-04	-4.32040D-05	1.23542D-05	3.00497D-06	2.47078D-05
188	-1.30700D-04	-1.91011D-04	-2.34215D-05	1.16943D-05	2.86132D-06	2.56151D-05
189	-1.98685D-04	-4.09428D-04	8.54492D-05	1.62726D-05	-2.53549D-06	2.42549D-05
190	2.98867D-05	-5.20428D-10	-3.36405D-09	1.88926D-07	3.61134D-06	-2.87359D-07
191	2.95036D-05	-2.52384D-10	-3.29155D-0[illegible]	-1.87931D-07	-1.70801D-06	-4.28084D-07
192	2.94396D-05	2.79321D-06	-4.39692D-05	-2.02856D-07	-1.65551D-06	-5.22142D-07
193	3.67643D-05	8.67666D-06	-6.04297D-05	5.33898D-07	-1.30534D-06	-7.73300D-07
194	-8.27364D-05	6.20976D-05	-2.65225D-05	1.20302D-06	1.54132D-06	-6.43995D-07
195	-2.24843D-05	1.79966D-05	-7.41160D-06	9.21234D-07	1.13796D-06	-1.60669D-07
196	3.49790D-05	3.99217D-06	1.74863D-04	9.33150D-07	1.55799D-06	1.58479D-06
197	6.88590D-06	4.48803D-06	1.92148D-04	1.05229D-06	1.58712D-06	1.62666D-06
198	1.07628D-05	1.28866D-05	1.76716D-04	5.03582D-07	1.56925D-06	1.76573D-06
199	1.12466D-04	-1.57145D-04	3.43904D-05	-7.49851D-07	-7.14741D-06	9.13567D-06
200	1.35013D-04	-3.13239D-04	-4.02041D-05	1.99631D-06	-1.84443D-06	8.68354D-06
201	1.63795D-04	-3.13306D-04	-5.04064D-05	3.87972D-06	-2.24066D-06	8.81415D-06
202	1.82161D-04	-3.13345D-04	-5.93777D-05	4.62322D-06	-2.48746D-06	9.08175D-06
203	2.23468D-04	-3.45020D-04	-9.02085D-05	5.59072D-06	-2.50124D-06	1.00870D-05
204	2.26767D-04	-4.00478D-04	-1.01347D-04	7.14142D-06	8.71924D-08	7.86709D-06
205	2.23811D-04	-4.33229D-04	-9.25486D-05	7.56102D-06	1.97891D-06	8.97700D-06
206	1.31998D-04	-4.32808D-04	-3.14473D-05	5.24607D-06	2.41198D-06	6.65159D-06
207	7.45677D-05	-4.97584D-04	1.52648D-04	1.17545D-05	6.10918D-06	2.85425D-06
208	-5.11644D-05	2.81786D-10	5.47176D-04	2.71559D-05	-3.99696D-07	1.88789D-07
209	8.67269D-03	-2.22174D-02	-2.43575D-02	5.44810D-04	6.93719D-04	-1.68768D-03
210	2.80374D-03	-2.32310D-02	-2.67830D-02	5.77730D-04	7.48686D-04	-1.67994D-03
211	4.16074D-02	-2.48182D-02	-1.58181D-02	5.37444D-04	7.51619D-04	-1.79052D-03
212	-3.81008D-03	-2.34534D-02	-2.94539D-02	6.27358D-04	8.00107D-04	-1.56289D-03
213	-4.48172D-02	-2.61943D-07	-4.59443D-02	4.66490D-04	1.01119D-03	4.60345D-04
214	1.37609D-01	7.40895D-07	-2.77947D-01	-4.40515D-03	-1.19697D-03	-2.35901D-03
215	5.97856D-02	-3.30489D-02	-2.38710D-01	4.05594D-03	1.56398D-03	9.62670D-04
216	4.77844D-02	-4.73537D-03	-2.37302D-01	3.18095D-03	2.86907D-04	2.27383D-04
217	4.90148D-02	2.15082D-02	-2.23198D-01	1.71682D-03	-1.34332D-03	1.79292D-03
218	1.45755D-01	1.03912D-01	-5.95110D-06	-2.99059D-03	-9.70097D-03	2.25657D-03
219	1.67315D-01	1.07970D-01	4.14589D-02	1.33653D-03	-6.14995D-03	-2.11987D-03
220	1.63012D-01	1.07991D-01	3.87319D-02	1.35352D-03	-6.12768D-03	-2.15342D-03
221	1.63740D-01	9.66675D-02	7.17215D-02	1.35353D-03	-6.12934D-03	-2.15119D-03
222	1.58591D-01	1.08007D-01	3.59501D-02	1.36960D-03	-6.10382D-03	-2.18754D-03
223	1.13523D-01	1.08430D-01	9.01953D-03	1.71482D-03	-5.34299D-03	-3.03213D-03
224	1.07345D-01	1.08443D-01	5.52299D-03	1.72038D-03	-5.31913D-03	-3.05083D-03
225	1.07663D-01	9.23155D-02	3.39917D-[illegible]	1.72042D-03	-5.31994D-03	-3.04875D-03
226	1.01096D-01	1.08450D-01	2.00641D-03	1.72463D-03	-5.29449D-03	-3.06889D-03
227	-1.58801D-03	1.80721D-02	1.58794D-02	1.27994D-03	2.11183D-05	-2.69969D-04
228	4.64583D-02	3.99750D-06	-2.29292D-01	3.49691D-03	9.15813D-04	-1.19145D-03
229	3.45740D-02	1.60312D-02	-2.43838D-01	3.33362D-03	1.75297D-03	-1.59291D-03
230	2.86746D-02	1.60694D-02	-2.568[illegible]3D-01	2.87583D-03	2.04394D-03	-1.40779D-03
231	4.35035D-06	9.82536D-02	-1.04615D-06	4.92836D-03	3.87740D-03	2.36263D-03
232	2.07369D-02	1.05760D-01	1.82904D-01	-5.93423D-03	1.62929D-03	-4.59084D-04
233	2.16406D-02	1.05757D-01	1.70854D-01	-5.96877D-03	1.62482D-03	-4.52668D-04
234	3.03783D-02	1.38410D-01	1.72846D-01	-5.97190D-03	1.62564D-03	-4.52773D-04
235	2.25224D-02	1.05747D-01	1.58688D-01	-5.99767D-03	1.61958D-03	-4.46418D-04

236	-4.07416D-08	1.69138D-02	1.99769D-07	-5.53562D-03	9.87274D-03	-2.86939D-04
237	-3.14259D-04	1.69199D-02	5.67325D-03	-5.55012D-03	9.94548D-03	-3.07811D-04
238	-2.25593D-03	1.69301D-02	3.91383D-02	-5.51950D-03	1.00393D-02	-3.28356D-04
239	-2.25702D-03	1.90871D-02	1.02863D-01	-5.51950D-03	1.00922D-02	-3.38162D-04
240	-4.22874D-03	1.69313D-02	7.20184D-02	-5.45253D-03	1.00022D-02	-3.20340D-04
241	-3.89874D-03	-1.06957D-04	-4.47809D-03	-1.25752D-03	7.80071D-04	8.30831D-04
242	-9.80391D-04	1.53154D-03	-4.90121D-04	-6.82990D-04	1.49638D-04	4.03926D-04
243	-9.99866D-04	-1.73017D-03	7.25702D-04	-6.79634D-04	1.55720D-04	4.01335D-04
244	-9.78552D-04	2.38548D-03	-7.66243D-05	1.77999D-04	7.40115D-05	-6.88450D-05
245	-5.00836D-04	1.22785D-03	-5.22905D-05	1.68593D-04	6.92515D-05	-4.92781D-05
246	-1.91270D-04	1.22844D-03	1.01455D-03	1.69114D-04	6.92515D-05	-4.91799D-05
247	-9.88523D-05	2.44554D-04	-2.84240D-0	1.18715D-04	4.85808D-05	-2.99545D-05
248	-2.59192D-04	-2.47643D-03	6.19843D-05	1.85624D-04	-2.94592D-05	-7.29733D-05
249	-1.09257D-04	-1.27270D-03	4.29242D-05	1.75266D-04	-2.07730D-05	-5.26226D-05
250	2.23301D-04	-1.27331D-03	1.15244D-03	1.75858D-04	-2.07730D-05	-5.27375D-05
251	-1.10025D-05	-2.52526D-04	2.33326 -05	1.23219D-04	-1.24415D-05	-3.19875D-05
252	-2.05434D-06	1.32731D-05	1.71488D-04	-1.26754D-06	6.31658D-07	2.87707D-06

E I G E N S O L U T I O N T I M E L O G

EIGENSOLUTION = 341.43
PRINTING = 6.64

R E S P O N S E S P E C T R U M A N A L Y S I S

REQUIRED BLANK COMMON FOR THIS STEP= 20461

R E S P O N S E C O M B I N A T I O N M E T H O D S

```
   U = RESPONSE (FORCE, MOMENT, TRANSLATION, ETC.
UIXX = RESPONSE IN I(TH) MODE, X EARTHQUAKE DIRECTION, X SPECTRUM INPUT
UIXY =     "      "   "    "    "      "         "      Y    "      "
  .                                  .                        .
  .                                  .                        .
  .                                  .                        .
UIZZ =     "      "   "    "  , Z   "         "      Z    "      "


KIND=1: (ORIGINAL SAPIV PROCEDURE)
       UI = UIXX + UIYY + UIZZ
        U = SQRT(U1**2 + U2**2 + ... + UN**2),  N = NO. OF MODES

KIND=2: (NRC REG. GUIDE 1.92)
       UXX =SQRT(U1XX**2 + U2XX**2 +... + (UJXX + UKXX)**2 + ... + UNXX**2)
              (ASSUMES MODES J & K ARE WITHIN CLUSTER FACTOR DISTANCE)
       UYY, UZZ FOUND SIMILARLY
         U = SQRT(UXX**2 + UYY**2 + UZZ**2)

KIND=3: (MODIFIED          PROCEDURE)
       UXX, UYY, UZZ FOUND AS IN KIND=2
         U = UXX + UYY + UZZ

NOTE: ALL SUMS IN THE ABOVE EQUATIONS ARE SUMS OF ABSOLUTE VALUES
      IF KIND IS PREFIXED WITH A MINUS SIGN, MODAL AFFECTS ARE PRINTED.
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CASE  1
*******

DIRECTION FACTORS

        X =    1.0000    Y =    1.0000    Z =    1.0000

INDICATOR FOR DISPLACEMENT OR ACCELERATION SPECTRUM =      2

EQ.0  DISPLACEMENT
EQ.1 ACCELERATION IN IN./SEC.**2
EQ.2 ACCELERATION IN G'S

  3 SPECTRA ARE ENTERED FOR CASE   1. KIND= 2

CLUSTER FACTOR, CF = 0.10000
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MODAL PARTICIPATION FACTORS

MODE	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	0.3175D+01	0.1944D-01	0.1704D+01
2	0.3849D+00	0.4670D+00	-0.7405D-01
3	-0.4986D+00	0.8291D-01	0.9612D+00
4	0.2206D+01	-0.5892D-01	0.8438D+01
5	0.2814D+01	0.7482D-02	0.2533D+01
6	-0.3729D+01	-0.1937D+00	0.1508D+01
7	0.2975D+01	0.3537D-01	-0.1182D+01
8	-0.6396D+01	-0.8164D-01	0.4195D+01
9	-0.1497D+01	-0.8017D-02	0.2161D+00
10	0.3829D+01	0.2447D+00	-0.1551D+01
11	0.2311D+01	-0.3696D+00	0.4348D+01
12	-0.4505D+01	0.1673D+00	0.1184D+01
13	-0.3392D+01	0.2999D+00	-0.2448D+01
14	0.3426D+00	-0.4216D+00	-0.2766D+00
15	0.1341D+01	0.5139D+00	-0.1144D+01
16	-0.7201D-01	0.9504D+00	-0.7507D+00
17	-0.1367D+00	-0.3261D-01	0.1698D+00
18	-0.8480D+00	-0.1663D+00	0.1118D+01
19	-0.1520D+00	-0.1422D+01	0.5207D-01
20	0.1441D+01	-0.1238D+00	-0.4051D+00
21	-0.2946D+00	-0.8501D+00	0.5440D+00
22	0.1268D+01	0.1671D+00	0.2639D+01
23	0.4834D+00	0.4030D+00	-0.2222D+01
24	0.5613D+00	-0.1903D+01	-0.6203D+00
25	0.4200D+00	0.1340D+01	0.9669D+00
26	-0.1002D+00	-0.2439D+00	-0.1966D+01
27	-0.4705D+00	0.1369D+01	-0.3658D-01
28	0.1498D+00	-0.1010D+01	0.5014D+00

29	-0.2003D+00	-0.4831D+00	-0.1087D+01
30	0.1437D+01	-0.1037D+01	0.4703D+00
31	-0.2134D+00	-0.2543D+01	-0.9466D-01
32	0.2257D+01	0.1135D+01	-0.1166D+01
33	0.2214D+01	0.2224D+00	-0.1087D+01
34	0.6747D+00	0.1433D+01	0.1817D+01
35	0.1543D+00	0.4604D+00	-0.1415D+01
36	-0.6549D+00	0.7981D-01	0.2158D+00
37	0.4972D+00	-0.2014D+01	-0.6451D+00
38	0.3780D+00	-0.1948D+01	-0.7634D+00
39	0.5340D+00	-0.9763D+00	-0.7184D+00
40	-0.2023D+00	0.2934D+01	0.6575D+00
41	-0.8740D-01	0.2039D+01	0.3636D+00
42	0.1846D+00	0.2798D+00	0.1683D+00
43	-0.7819D+00	-0.1369D+01	-0.8060D+00
44	0.1089D+01	0.1478D+01	-0.9263D+00
45	0.4887D+00	-0.1302D+01	-0.2380D+00
46	-0.4534D+00	0.1366D+01	-0.3909D+00
47	0.1793D+01	-0.1605D+01	-0.6705D+00
48	-0.1835D+00	-0.1936D+01	0.1591D+00
49	-0.1184D+00	-0.1861D+01	-0.7892D-02
50	0.1351D+01	0.1005D+01	-0.4688D+00

SPECTRUM TABLE (BELLEFONTE**1/2 SEE X BLDG ONLY** IDENT # 7)

NUMBER OF POINTS = 25
SCALE FACTOR = 0.10000D+01

INPUT POINT	PERIOD	SPECTRUM VALUE
1	0.2000D-01	0.2400D+00
2	0.3000D-01	0.2400D+00
3	0.4000D-01	0.2700D+00
4	0.4760D-01	0.3190D+00
5	0.5000D-01	0.3420D+00
6	0.5150D-01	0.3570D+00
7	0.5210D-01	0.3940D+00

8	0.5430D-01	0.5650D+00
9	0.5490D-01	0.6120D+00
10	0.6410D-01	0.1860D+01
11	0.6670D-01	0.1860D+01
12	0.6850D-01	0.2000D+01
13	0.8470D-01	0.2000D+01
14	0.1042D+00	0.8900D+00
15	0.1190D+00	0.8900D+00
16	0.1250D+00	0.8200D+00
17	0.1429D+00	0.8200D+00
18	0.1515D+00	0.7500D+00
19	0.4545D+00	0.7500D+00
20	0.5000D+00	0.7100D+00
21	0.5556D+00	0.7100D+00
22	0.6250D+00	0.6200D+00
23	0.7143D+00	0.6000D+00
24	0.8333D+00	0.4440D+00
25	0.1000D+01	0.2700D+00

SPECTRUM TABLE (BELLEFONTE**1/2 SEE Y BLDG ONLY** IDENT # 8)

NUMBER OF POINTS = 5
SCALE FACTOR = 0.10000D+01

INPUT POINT	PERIOD	SPECTRUM VALUE
1	0.2000D-01	0.9000D-01
2	0.2940D-01	0.9000D-01
3	0.1087D+00	0.3850D+00
4	0.2778D+00	0.4350D+00
5	0.1000D+01	0.1300D+00

SPECTRUM TABLE (BELLEFONTE**1/2 SEE Z BLDG ONLY** IDENT # 9)

NUMBER OF POINTS = 20
SCALE FACTOR = 0.10000D+01

INPUT POINT	PERIOD	SPECTRUM VALUE
1	0.2000D-01	0.2400D+00
2	0.3030D-01	0.2400D+00
3	0.3850D-01	0.2700D+00
4	0.5050D-01	0.3470D+00
5	0.5100D-01	0.3520D+00
6	0.5150D-01	0.3960D+00
7	0.6850D-01	0.1942D+01
8	0.6940D-01	0.2181D+01
9	0.7250D-01	0.3100D+01
10	0.8930D-01	0.3100D+01
11	0.1000D+00	0.1538D+01
12	0.1020D+00	0.1309D+01
13	0.1042D+00	0.1260D+01
14	0.1136D+00	0.1260D+01
15	0.1250D+00	0.9000D+00
16	0.1429D+00	0.9000D+00
17	0.1515D+00	0.7800D+00
18	0.6250D+00	0.7800D+00
19	0.8333D+00	0.4620D+00

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  20    0.1000D+01    0.2700D+00

CLUSTERING. +1 MEANS MODE I CLOSE TO I+1. -1, NOT.
-1.  1.  1. -1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.
 1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  1.  0.

REQUIRED BLANK COMMON FOR THIS STEP=  82000
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NODE DISPLACEMENTS/ROTATIONS

NODE NUMBER	MODE NUMBER	X- TRANSLATION	Y- TRANSLATION	Z- TRANSLATION	X- ROTATION	Y- ROTATION	Z- ROTATION
1	TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
2	TOTAL..	1.35374D-01	9.65637D-02	3.63496D-02	1.65807D-03	1.96502D-03	1.87718D-03
3	TOTAL..	1.79345D-01	1.55967D-01	8.05438D-02	8.78114D-03	2.87783D-03	5.40033D-03
4	TOTAL..	2.45225D-01	1.55871D-01	2.41329D-01	8.99679D-03	3.01095D-03	5.62223D-03
5	TOTAL..	3.32639D-01	1.44891D-01	3.84354D-01	8.49783D-03	2.77145D-03	6.57326D-03
6	TOTAL..	3.87608D-01	6.63027D-02	4.58612D-01	7.45362D-03	1.11694D-03	7.13564D-03
7	TOTAL..	3.88131D-01	1.07064D-01	4.46712D-01	6.96259D-03	1.39106D-03	6.71606D-03
8	TOTAL..	1.70692D-01	2.81826D-01	1.78567D-01	6.10143D-03	3.90919D-03	4.53589D-03
9	TOTAL..	1.55129D-01	5.40610D-02	2.15359D-01	5.73570D-03	1.47063D-03	5.06088D-03
10	TOTAL..	1.58615D-01	1.27964D-06	2.25143D-01	4.76511D-03	1.29809D-03	4.56558D-03
11	TOTAL..	1.65748D-01	9.42215D-02	2.31136D-01	1.10932D-03	1.19590D-03	2.04710D-03
12	TOTAL..	1.44096D-01	2.70534D-06	2.30777D-01	1.21016D-03	1.54261D-03	1.12719D-03
13	TOTAL..	1.50243D-01	8.90826D-03	2.11464D-01	9.37740D-04	1.76749D-03	4.98082D-04
14	TOTAL..	1.50113D-01	1.64360D-02	1.67325D-01	5.33267D-04	7.52740D-04	5.40954D-04
15	TOTAL..	6.19418D-02	2.51493D-02	1.66708D-01	2.19728D-04	1.57250D-03	5.88429D-04
16	TOTAL..	4.44758D-02	8.61996D-03	1.38011D-01	2.72245D-04	1.63932D-03	5.79765D-04
17	TOTAL..	4.35920D-02	2.97088D-02	7.12246D-02	2.71084D-04	7.96577D-04	2.20342D-04
18	TOTAL..	3.92423D-02	3.22041D-02	6.04438D-02	2.61901D-04	8.39068D-04	8.23693D-05
19	TOTAL..	3.05807D-02	3.30670D-02	5.06847D-02	2.58719D-04	8.18766D-04	7.43948D-05

20 TOTAL..	2.63659D-02	3.15284D-02	3.93253D-02	2.28329D-04	6.86552D-04	2.17190D-04
21 TOTAL..	2.57603D-02	1.27048D-02	9.14335D-03	1.75649D-04	4.09768D-04	4.66272D-04
22 TOTAL..	1.33628D-02	7.14018D-04	1.98202D-03	8.87647D-05	1.16878D-04	5.49336D-04
23 TOTAL..	1.75796D-09	1.70541D-10	2.28956D-10	1.17332D-08	1.75697D-08	7.51377D-08
24 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
25 TOTAL..	1.37477D-01	2.20210D-02	4.35622D-02	7.55308D-04	2.20822D-03	1.26900D-03
26 TOTAL..	2.14897D-01	3.15414D-02	8.46538D-02	1.88943D-03	2.05620D-03	1.82367D-03
27 TOTAL..	2.34922D-01	3.15366D-02	1.04057D-01	1.91134D-03	1.92086D-03	1.82480D-03
28 TOTAL..	2.63942D-01	9.99365D-03	1.56035D-01	1.36953D-03	1.68942D-04	4.31839D-04
29 TOTAL..	2.64000D-01	5.62516D-03	1.55780D-01	1.34405D-03	1.60602D-04	3.51676D-04
30 TOTAL..	2.61855D-01	7.36045D-03	7.47383D-02	1.81824D-03	5.45574D-04	8.45456D-05
31 TOTAL..	2.55045D-01	2.67682D-03	2.18507D-01	2.48064D-03	2.09241D-03	2.12543D-03
32 TOTAL..	1.87703D-01	6.95485D-03	1.92871D-01	6.23511D-04	2.90121D-03	1.68217D-03
33 TOTAL..	1.39671D-01	1.18339D-02	1.88263D-01	4.71744D-04	2.38530D-03	1.41777D-03
34 TOTAL..	1.85526D-01	6.30267D-02	1.61050D-01	7.76025D-04	1.46492D-03	1.67007D-03
35 TOTAL..	1.87290D-01	6.05906D-02	1.67028D-01	9.38965D-04	7.09054D-04	1.63736D-03
36 TOTAL..	3.78867D-01	1.03058D-01	4.63010D-01	7.05322D-03	1.19485D-03	5.78750D-03
37 TOTAL..	3.83262D-01	1.53653D-01	4.89096D-01	1.19747D-03	2.02084D-03	1.83783D-03
38 TOTAL..	9.03858D-02	1.55055D-01	2.25091D-02	6.40478D-03	1.83387D-03	1.72868D-03
39 TOTAL..	7.16059D-02	2.97820D-02	6.94608D-02	6.22747D-03	8.68878D-04	2.74291D-03

40 TOTAL..	3.41806D-02	5.63017D-02	1.82636D-02	6.07852D-03	8.98131D-04	4.19445D-03
41 TOTAL..	7.03804D-03	5.63179D-02	2.40380D-02	5.96504D-03	8.80748D-04	4.09461D-03
42 TOTAL..	2.49676D-02	3.24694D-02	7.20816D-02	4.23127D-03	1.06711D-03	3.26129D-03
43 TOTAL..	2.50593D-02	7.12033D-02	7.21021D-02	3.97020D-03	9.98921D-04	2.87067D-03
44 TOTAL..	2.66482D-02	8.14457D-02	6.66069D-02	3.67511D-03	6.61262D-04	2.17388D-03
45 TOTAL..	2.70703D-02	2.09541D-01	8.76732D-02	2.26157D-03	1.34992D-03	6.39649D-04
46 TOTAL..	2.75727D-02	2.08284D-01	9.10702D-02	2.27801D-03	1.26026D-03	7.10815D-04
47 TOTAL..	7.81846D-03	3.71061D-02	2.01554D-02	1.29163D-03	3.86606D-04	1.68846D-03
48 TOTAL..	6.43230D-03	4.10568D-02	1.78295D-02	1.44743D-03	2.77954D-04	1.28589D-03
49 TOTAL..	7.64716D-03	1.44626D-02	5.31333D-03	4.65903D-04	7.54676D-05	6.40448D-04
50 TOTAL..	3.51648D-03	5.92022D-03	4.33358D-03	2.46877D-04	2.73845D-04	3.98393D-04
51 TOTAL..	2.62952D-03	3.44284D-03	3.06685D-03	2.52141D-04	2.66297D-04	3.74885D-04
52 TOTAL..	3.74146D-05	5.51039D-06	4.59388D-05	3.87395D-06	2.40787D-05	8.21213D-06
53 TOTAL..	5.79126D-11	4.59973D-11	6.13767D-11	5.36618D-10	2.08672D-09	9.22516D-10
54 TOTAL..	6.05761D-02	5.87088D-03	3.06961D-02	2.22584D-03	2.10430D-03	3.00613D-03
55 TOTAL..	1.38675D-02	5.70923D-02	4.28940D-02	1.85941D-03	1.84561D-03	2.19420D-03
56 TOTAL..	2.90724D-02	7.17962D-02	2.98447D-02	1.07890D-03	2.34120D-03	1.21565D-03
57 TOTAL..	5.40354D-02	2.32061D-03	6.83965D-02	1.84505D-03	1.05681D-03	8.82617D-04
58 TOTAL..	3.86785D-02	8.62944D-03	4.85966D-02	1.42700D-03	5.58941D-04	1.88612D-03
59 TOTAL..	1.01895D-02	9.39595D-03	2.83394D-02	1.30672D-03	3.78709D-04	1.88061D-03

60 TOTAL..	2.66110D-01	5.42146D-02	2.84693D-01	6.56532D-03	1.45090D-03	6.90571D-03
61 TOTAL..	3.98363D-01	2.87312D-02	3.43072D-01	4.04468D-03	4.31922D-03	1.02410D-02
62 TOTAL..	4.17264D-01	6.78160D-03	3.68844D-01	3.62070D-03	6.68757D-03	7.81153D-03
63 TOTAL..	4.44563D-01	4.24602D-02	3.68758D-01	5.60940D-03	6.65075D-03	3.37454D-03
64 TOTAL..	4.44733D-01	1.60275D-01	6.73730D-01	5.91991D-03	5.68336D-03	7.30019D-04
65 TOTAL..	4.57019D-01	1.04877D-01	6.31526D-01	7.08008D-03	3.20122D-03	9.14993D-03
66 TOTAL..	5.78369D-01	1.04834D-01	4.56944D-01	6.73056D-03	2.47365D-03	9.52416D-03
67 TOTAL..	6.42647D-01	1.13283D-02	3.91947D-01	2.30823D-03	3.14101D-03	4.97079D-03
68 TOTAL..	9.13869D-02	1.85439D-01	8.40034D-02	2.25488D-03	3.47700D-03	1.49084D-03
69 TOTAL..	7.22476D-02	1.65303D-01	8.12784D-02	3.65616D-03	2.08427D-03	1.18416D-03
70 TOTAL..	7.55265D-03	1.53970D-02	8.04361D-02	3.98209D-03	1.34218D-03	7.21733D-04
71 TOTAL..	9.83970D-03	3.40964D-02	8.19905D-02	4.45400D-03	1.75758D-03	1.07661D-03
72 TOTAL..	2.02907D-02	3.92847D-02	2.92122D-02	4.78777D-03	1.71270D-03	1.37211D-03
73 TOTAL..	1.58083D-01	3.94790D-02	4.46149D-01	3.08235D-03	3.77919D-03	9.44803D-04
74 TOTAL..	1.34249D-01	3.07444D-02	3.84350D-01	5.35664D-04	5.91128D-03	3.35203D-04
75 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
76 TOTAL..	7.33232D-03	3.22632D-03	3.90299D-02	3.25393D-03	1.46402D-03	3.80207D-04
77 TOTAL..	7.14948D-03	9.82444D-03	2.03884D-02	2.73758D-03	1.55261D-03	2.09669D-04
78 TOTAL..	1.02759D-03	1.04537D-02	2.95046D-03	1.01921D-03	2.26707D-03	3.10257D-04
79 TOTAL..	1.30415D-02	8.91768D-03	9.64268D-03	5.36619D-04	8.01306D-04	1.89752D-04

80 TOTAL..	7.01990D-04	1.31946D-03	2.90517D-05	1.05488D-04	8.60091D-05	3.68006D-05
81 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
82 TOTAL..	1.39128D-03	3.21347D-03	1.01007D-02	6.94994D-04	3.30288D-04	9.09622D-05
83 TOTAL..	1.68313D-03	2.85598D-03	1.35198D-02	2.95624D-04	1.29725D-04	1.21379D-04
84 TOTAL..	2.16250D-03	8.33049D-04	1.26851D-02	8.43682D-05	1.39502D-04	1.27278D-04
85 TOTAL..	1.80114D-03	1.90774D-04	1.17377D-02	2.04448D-04	1.71635D-04	6.74947D-05
86 TOTAL..	5.10556D-05	1.66196D-04	7.70687D-05	1.32574D-04	8.39560D-06	1.89330D-05
87 TOTAL..	3.84626D-05	1.17738D-04	1.16777D-05	6.75059D-05	6.87258D-06	1.75897D-05
88 TOTAL..	2.03759D-05	1.24224D-04	1.27170D-06	5.97798D-06	1.94297D-06	1.89280D-05
89 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
90 TOTAL..	3.20428D-05	1.57918D-04	2.55104D-05	6.72597D-05	1.14262D-05	1.77094D-05
91 TOTAL..	2.35454D-05	1.05690D-04	4.78435D-06	8.29414D-06	1.54968D-06	1.90232D-05
92 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
93 TOTAL..	2.04841D-02	9.81911D-03	5.51666D-03	5.39456D-04	1.11496D-03	5.47170D-04
94 TOTAL..	9.68494D-02	6.13849D-02	2.60115D-02	1.29594D-03	1.91203D-03	1.45560D-03
95 TOTAL..	3.83511D-01	1.02913D-01	4.52592D-01	7.61162D-03	1.31993D-03	7.18636D-03
96 TOTAL..	3.82389D-01	4.98145D-02	4.61081D-01	7.28950D-03	1.17682D-03	6.33338D-03
97 TOTAL..	3.90244D-01	2.92236D-02	4.62342D-01	7.33230D-03	8.23275D-04	7.10170D-03
98 TOTAL..	3.91962D-01	5.50077D-07	4.63156D-01	7.24892D-03	5.53183D-04	7.05137D-03
99 TOTAL..	1.31489D-01	2.24752D-01	1.59059D-01	6.29606D-03	3.25524D-03	4.09028D-03

100 TOTAL..	1.39544D-01	1.72242D-01	1.79305D-01	6.23221D-03	2.49384D-03	4.20800D-03
101 TOTAL..	1.51765D-01	8.78246D-02	2.06979D-01	5.91107D-03	1.69641D-03	4.79877D-03
102 TOTAL..	1.57396D-01	2.02093D-02	2.21836D-01	5.16259D-03	1.37089D-03	4.76975D-03
103 TOTAL..	2.00744D-01	5.41330D-02	2.38060D-01	6.28416D-03	1.37584D-03	6.06412D-03
104 TOTAL..	1.64547D-01	8.39003D-02	2.31209D-01	1.33414D-03	1.38091D-03	1.98740D-03
105 TOTAL..	1.57596D-01	5.45275D-02	2.31253D-01	1.45536D-03	1.40499D-03	1.95361D-03
106 TOTAL..	2.11188D-01	5.49094D-02	2.54865D-01	1.54812D-03	1.40082D-03	2.10373D-03
107 TOTAL..	1.48634D-01	2.40528D-02	2.31032D-01	1.39295D-03	1.48868D-03	1.61522D-03
108 TOTAL..	1.50269D-01	4.61896D-03	2.02558D-01	9.28348D-04	1.74255D-03	4.53469D-04
109 TOTAL..	1.48242D-01	7.71636D-03	2.02680D-01	3.39443D-04	4.35650D-03	1.63305D-02
110 TOTAL..	1.43585D-01	8.17285D-03	2.02731D-01	2.28571D-04	5.42123D-03	2.32398D-02
111 TOTAL..	1.32169D-01	7.88458D-03	2.02812D-01	3.13436D-04	6.28177D-03	3.42141D-02
112 TOTAL..	1.31431D-01	7.22834D-03	2.02875D-01	7.73331D-04	6.09264D-03	4.12872D-02
113 TOTAL..	1.37805D+00	8.63961D-02	2.75883D-01	3.78334D-03	6.81984D-03	5.35268D-02
114 TOTAL..	1.27316D-01	6.35450D-03	2.02879D-01	3.75161D-04	5.34971D-03	4.13139D-02
115 TOTAL..	1.24110D-01	5.12151D-03	2.02883D-01	5.21121D-04	5.03135D-03	4.13367D-02
116 TOTAL..	1.19628D-01	2.84666D-03	2.02886D-01	7.12909D-04	4.88351D-03	4.13662D-02
117 TOTAL..	1.15269D-01	2.23669D-07	2.02888D-01	7.80767D-04	4.83755D-03	4.13662D-02
118 TOTAL..	6.36360D-02	2.84667D-03	2.04778D-01	1.01425D-03	4.73776D-03	4.19957D-02
119 TOTAL..	1.37594D-01	5.95439D-03	2.02889D-01	7.80953D-04	4.83925D-03	4.13662D-02

120 TOTAL..	2.50321D-01	2.84667D-03	2.11010D-01	1.44312D-03	4.43959D-03	4.27926D-02
121 TOTAL..	4.08645D-01	1.41466D-03	2.16431D-01	1.46836D-03	4.41752D-03	4.28375D-02
122 TOTAL..	1.50303D-01	2.37380D-06	1.91783D-01	9.23897D-04	1.66294D-03	3.93723D-04
123 TOTAL..	1.50359D-01	7.63110D-03	1.76837D-01	9.16400D-04	1.48445D-03	3.84594D-04
124 TOTAL..	1.50446D-01	2.30757D-02	1.65416D-01	9.58793D-04	1.03456D-03	2.30123D-04
125 TOTAL..	1.50455D-01	2.43826D-02	1.67969D-01	9.84132D-04	9.44881D-04	1.85322D-04
126 TOTAL..	1.50464D-01	2.46987D-02	1.70210D-01	1.01785D-03	8.59783D-04	2.66047D-04
127 TOTAL..	1.59077D-01	2.70955D-02	1.97138D-01	1.13731D-03	8.61506D-04	3.54368D-04
128 TOTAL..	1.50295D-01	2.19414D-02	1.70427D-01	8.09587D-04	7.67926D-04	3.44843D-04
129 TOTAL..	1.50232D-01	2.04757D-02	1.69896D-01	7.09732D-04	7.49413D-04	4.07761D-04
130 TOTAL..	1.54335D-01	1.06762D-02	1.67327D-01	5.87681D-04	7.58074D-04	7.44423D-04
131 TOTAL..	1.43476D-01	2.12925D-02	1.67247D-01	3.83531D-04	7.92735D-04	5.40772D-04
132 TOTAL..	4.43408D-02	5.76456D-07	1.22631D-01	2.71947D-04	1.51570D-03	5.30082D-04
133 TOTAL..	2.61976D-02	2.76116D-02	2.93517D-02	2.10965D-04	6.16421D-04	2.93485D-04
134 TOTAL..	1.60712D-01	1.45199D-06	1.67323D-01	7.51274D-04	7.39419D-04	1.07711D-03
135 TOTAL..	1.68352D-01	1.28049D-02	1.67312D-01	9.26287D-04	7.07808D-04	1.37135D-03
136 TOTAL..	1.79167D-01	3.37501D-02	1.67295D-01	1.04427D-03	5.90230D-04	1.62520D-03
137 TOTAL..	2.22326D-01	3.84096D-02	1.93807D-01	1.16077D-03	5.97798D-04	1.75278D-03
138 TOTAL..	1.86117D-01	5.48374D-02	1.67101D-01	9.71341D-04	6.43825D-04	1.63333D-03
139 TOTAL..	1.66850D-01	3.37406D-02	1.39242D-01	6.13517D-04	2.13658D-03	1.61267D-03

140 TOTAL..	1.39315D-01	2.03004D-06	1.59780D-01	5.44196D-04	2.35321D-03	1.43591D-03
141 TOTAL..	1.36909D-01	7.03158D-03	1.76491D-01	5.14406D-04	2.40302D-03	1.40644D-03
142 TOTAL..	1.37254D-01	1.35336D-02	1.83002D-01	1.02581D-02	3.63542D-03	1.04007D-02
143 TOTAL..	1.38859D-01	1.47181D-02	1.83784D-01	1.46483D-02	4.69969D-03	1.46278D-02
144 TOTAL..	1.41920D-01	1.44020D-02	1.82648D-01	2.15829D-02	5.62164D-03	2.13885D-02
145 TOTAL..	1.53626D-01	1.10898D-02	1.78768D-01	2.60530D-02	5.53525D-03	2.58027D-02
146 TOTAL..	9.71351D-01	3.57274D-02	8.31014D-01	3.39074D-02	5.84114D-03	3.36767D-02
147 TOTAL..	1.63531D-01	6.80187D-03	1.73479D-01	2.60577D-02	5.06687D-03	2.57535D-02
148 TOTAL..	1.67053D-01	4.93075D-03	1.70660D-01	2.60920D-02	4.84921D-03	2.57563D-02
149 TOTAL..	1.70938D-01	2.51182D-03	1.66795D-01	2.61400D-02	4.72314D-03	2.57789D-02
150 TOTAL..	1.74515D-01	2.12583D-07	1.62900D-01	2.61501D-02	4.68498D-03	2.57823D-02
151 TOTAL..	1.19472D-01	2.51185D-03	1.60738D-01	2.65909D-02	4.57282D-03	2.61890D-02
152 TOTAL..	1.83356D-01	5.57799D-03	1.54988D-01	2.61502D-02	4.68643D-03	2.57823D-02
153 TOTAL..	1.55714D-01	2.51189D-03	2.57316D-01	2.71612D-02	4.26852D-03	2.67089D-02
154 TOTAL..	2.39272D-01	1.63849D-03	3.52344D-01	2.71933D-02	4.24618D-03	2.67383D-02
155 TOTAL..	1.96103D-01	2.20959D-06	1.86897D-01	9.00414D-04	2.98424D-03	1.75818D-03
156 TOTAL..	2.27622D-01	1.08765D-02	1.79989D-01	2.11523D-03	2.85375D-03	2.09237D-03
157 TOTAL..	2.41180D-01	9.16213D-03	1.95679D-01	2.46560D-03	2.63642D-03	2.23395D-03
158 TOTAL..	2.61642D-01	3.43916D-03	2.41349D-01	2.62727D-03	2.63668D-03	2.34376D-03
159 TOTAL..	2.52850D-01	3.85531D-03	2.12564D-01	2.48079D-03	2.34469D-03	2.16963D-03

160 TOTAL..	2.58405D-01	7.74009D-07	2.28548D-01	2.46430D-03	1.60715D-03	2.04952D-03
161 TOTAL..	2.56294D-01	6.61789D-03	2.14108D-01	2.27187D-03	1.56907D-03	1.54317D-03
162 TOTAL..	2.43161D-01	8.33397D-08	1.12237D-01	2.10482D-03	2.18285D-03	9.26062D-04
163 TOTAL..	2.45396D-01	1.69022D-03	1.00873D-01	2.07862D-03	1.92505D-03	8.04178D-04
164 TOTAL..	2.47272D-01	2.80829D-03	9.40932D-02	2.05940D-03	1.70923D-03	7.22173D-04
165 TOTAL..	2.58671D-01	7.13480D-03	8.57138D-02	1.93951D-03	6.10422D-04	3.18111D-04
166 TOTAL..	9.66520D-02	1.55038D-01	6.32728D-02	6.38163D-03	1.83341D-03	1.81341D-03
167 TOTAL..	8.22595D-02	1.54924D-01	5.47525D-02	6.41426D-03	1.83387D-03	1.73120D-03
168 TOTAL..	8.73691D-02	1.51238D-01	1.04375D-02	6.40674D-03	1.82726D-03	1.62644D-03
169 TOTAL..	8.30188D-02	1.37705D-01	1.76460D-02	6.40530D-03	1.59010D-03	8.04407D-04
170 TOTAL..	7.38869D-02	5.24214D-02	5.98922D-02	6.29813D-03	9.47272D-04	2.32496D-03
171 TOTAL..	6.70295D-02	5.24256D-02	3.93591D-02	6.34110D-03	9.47272D-04	2.13529D-03
172 TOTAL..	6.19978D-02	5.24290D-02	2.28927D-02	6.36782D-03	9.47272D-04	2.04655D-03
173 TOTAL..	5.28344D-02	5.24307D-02	1.89186D-02	6.37168D-03	9.47272D-04	2.03627D-03
174 TOTAL..	4.20598D-02	5.24310D-02	5.81223D-02	6.37690D-03	9.47272D-04	2.03329D-03
175 TOTAL..	7.27112D-02	3.48271D-02	6.48627D-02	6.26426D-03	9.05913D-04	2.54659D-03
176 TOTAL..	2.16000D-02	5.63088D-02	8.19623D-08	6.03411D-03	8.89869D-04	4.16202D-03
177 TOTAL..	2.67846D-02	1.09501D-07	3.95831D-02	2.89638D-03	6.69977D-04	1.25734D-03
178 TOTAL..	2.69443D-02	1.30984D-01	5.75502D-08	2.44300D-03	8.24084D-04	1.95781D-03
179 TOTAL..	4.49143D-02	7.34300D-08	1.47504D-01	1.97543D-03	5.44220D-04	2.30596D-03

180 TOTAL..	1.80036D-03	2.31121D-01	5.92442D-03	1.43348D-03	9.90776D-04	7.39252D-04
181 TOTAL..	2.21883D-03	2.24583D-01	7.25607D-03	1.33344D-03	8.40451D-04	1.25320D-03
182 TOTAL..	1.16366D-02	2.06902D-02	3.35204D-02	1.27872D-03	3.34837D-04	1.99583D-03
183 TOTAL..	1.10129D-02	1.11322D-02	3.12708D-02	1.29034D-03	3.54110D-04	1.94867D-03
184 TOTAL..	2.33787D-02	9.41931D-03	3.72792D-02	1.37677D-03	4.56553D-04	1.88566D-03
185 TOTAL..	9.27273D-03	2.05314D-02	2.51849D-02	1.30146D-03	3.89594D-04	1.80319D-03
186 TOTAL..	5.70016D-03	1.74923D-02	6.76146D-03	1.08443D-03	1.22684D-04	8.85315D-04
187 TOTAL..	6.54238D-03	1.46725D-02	5.94746D-03	9.97842D-04	1.00074D-04	8.66393D-04
188 TOTAL..	7.19106D-03	1.26332D-02	5.36472D-03	9.05903D-04	7.89446D-05	8.57452D-04
189 TOTAL..	3.00559D-03	4.67699D-03	3.70422D-03	2.49191D-04	2.70925D-04	3.86410D-04
190 TOTAL..	2.63233D-01	7.65471D-08	3.87256D-07	1.66456D-03	1.05818D-03	1.10137D-04
191 TOTAL..	2.64058D-01	1.61302D-07	1.51700D-01	1.37436D-03	3.98908D-04	2.70077D-04
192 TOTAL..	2.64040D-01	1.92106D-03	1.53759D-01	1.36309D-03	3.05013D-04	3.02980D-04
193 TOTAL..	2.63753D-01	5.64603D-03	1.60085D-01	9.16795D-04	2.89836D-04	3.72157D-04
194 TOTAL..	1.00603D-01	1.70974D-02	3.06044D-02	6.44354D-04	2.15190D-03	1.02915D-03
195 TOTAL..	2.45700D-02	4.37591D-03	7.44454D-03	3.51757D-04	1.33212D-03	4.49118D-04
196 TOTAL..	6.84645D-02	5.86753D-03	3.84921D-02	2.22871D-03	2.08407D-03	3.01698D-03
197 TOTAL..	5.79312D-02	5.49524D-03	4.27374D-02	2.23336D-03	2.10400D-03	3.01325D-03
198 TOTAL..	4.42097D-02	1.16006D-02	3.34115D-02	2.20481D-03	2.11318D-03	2.96781D-03
199 TOTAL..	3.37376D-02	6.94849D-02	1.03157D-02	1.07289D-03	2.36218D-03	1.05853D-03

200 TOTAL..	4.44107D-02	6.29000D-02	3.17635D-02	1.10968D-03	2.21221D-03	8.96163D-04
201 TOTAL..	4.46865D-02	6.29029D-02	2.98399D-02	1.11388D-03	2.21726D-03	9.77200D-04
202 TOTAL..	4.58091D-02	6.29047D-02	2.89395D-02	1.12605D-03	2.22041D-03	9.93765D-04
203 TOTAL..	5.00562D-02	6.04602D-02	3.71999D-02	1.14405D-03	2.18897D-03	9.38753D-04
204 TOTAL..	5.36964D-02	5.59471D-02	5.10414D-02	1.12217D-03	1.98875D-03	9.78642D-04
205 TOTAL..	5.65157D-02	5.15927D-02	6.30338D-02	1.11631D-03	1.86040D-03	9.97471D-04
206 TOTAL..	5.41014D-02	5.15822D-02	6.82932D-02	1.16171D-03	1.86020D-03	9.62362D-04
207 TOTAL..	6.76776D-02	2.51268D-02	1.16705D-01	1.29124D-03	7.52102D-04	8.19944D-04
208 TOTAL..	5.53254D-02	1.41175D-07	7.24468D-02	1.82736D-03	1.08875D-03	8.27551D-04
209 TOTAL..	3.79465D-01	1.85643D-02	3.47474D-01	4.11834D-03	5.08851D-03	1.06976D-02
210 TOTAL..	3.70775D-01	1.88090D-02	3.49726D-01	4.13471D-03	5.19317D-03	1.07420D-02
211 TOTAL..	5.82555D-01	1.91727D-02	3.67659D-01	4.20103D-03	5.19494D-03	1.08838D-02
212 TOTAL..	3.66118D-01	2.05018D-02	3.52270D-01	4.08635D-03	5.30239D-03	1.06318D-02
213 TOTAL..	3.93377D-01	4.67051D-07	3.65985D-01	3.66220D-03	6.65571D-03	8.24106D-03
214 TOTAL..	6.35221D-01	2.22338D-07	3.87369D-01	2.21722D-03	3.22811D-03	4.88525D-03
215 TOTAL..	1.91011D-02	4.69606D-02	8.06404D-02	3.98400D-03	1.51904D-03	7.98127D-04
216 TOTAL..	7.48435D-03	8.24962D-03	6.85780D-02	3.75441D-03	1.28751D-03	6.37392D-04
217 TOTAL..	7.57627D-03	2.29693D-02	9.06675D-02	4.18822D-03	1.35850D-03	7.54651D-04
218 TOTAL..	2.72568D-02	3.93024D-02	6.64805D-07	4.79001D-03	1.81108D-03	1.38531D-03
219 TOTAL..	1.31494D-01	3.94750D-02	3.53232D-01	3.63638D-03	3.29380D-03	1.11260D-03

220 TOTAL..	1.33590D-01	3.94757D-02	3.60479D-01	3.62201D-03	3.30359D-03	1.10825D-03
221 TOTAL..	1.34535D-01	4.22907D-02	3.43841D-01	3.62206D-03	3.30252D-03	1.10827D-03
222 TOTAL..	1.35670D-01	3.94760D-02	3.67681D-01	3.60765D-03	3.31442D-03	1.10389D-03
223 TOTAL..	1.51058D-01	3.94820D-02	4.21360D-01	3.18799D-03	3.65992D-03	9.76476D-04
224 TOTAL..	1.52858D-01	3.94821D-02	4.27685D-01	3.17610D-03	3.67077D-03	9.72865D-04
225 TOTAL..	1.53844D-01	4.15638D-02	4.08893D-01	3.17616D-03	3.66949D-03	9.72884D-04
226 TOTAL..	1.54644D-01	3.94818D-02	4.33967D-01	3.16469D-03	3.68286D-03	9.69412D-04
227 TOTAL..	6.92822D-02	1.56039D-02	1.98374D-01	3.71135D-04	5.30534D-03	3.07006D-04
228 TOTAL..	7.38831D-03	5.73023D-07	5.02786D-02	3.43726D-03	1.40630D-03	4.73424D-04
229 TOTAL..	7.36302D-03	3.22613D-03	2.42622D-02	2.74915D-03	1.40416D-03	3.12329D-04
230 TOTAL..	7.37736D-03	3.22598D-03	2.34626D-02	2.44904D-03	1.36661D-03	2.72385D-04
231 TOTAL..	3.07312D-07	1.04385D-02	3.07049D-07	9.88035D-04	2.25011D-03	3.03475D-04
232 TOTAL..	1.44313D-02	8.95592D-03	1.42142D-02	5.29165D-04	8.32061D-04	1.79567D-04
233 TOTAL..	1.41202D-02	8.95245D-03	1.31520D-02	5.30123D-04	8.29348D-04	1.80688D-04
234 TOTAL..	1.86450D-02	1.13525D-02	1.31128D-02	5.30187D-04	8.29454D-04	1.80695D-04
235 TOTAL..	1.38052D-02	8.94882D-03	1.20876D-02	5.30935D-04	8.26534D-04	1.81728D-04
236 TOTAL..	2.74173D-09	3.21481D-03	2.12188D-08	7.53534D-04	3.71002D-04	1.07010D-04
237 TOTAL..	1.06038D-04	3.21464D-03	7.44502D-04	7.39439D-04	3.62087D-04	1.03654D-04
238 TOTAL..	7.15748D-04	3.21436D-03	5.12495D-03	7.22001D-04	3.50593D-04	9.92107D-05
239 TOTAL..	7.15833D-04	2.88674D-03	3.78959D-03	7.22001D-04	3.50578D-04	9.91117D-05

240 TOTAL..	1.29808D-03	3.21380D-03	9.40334D-03	7.06251D-04	3.39146D-04	9.46306D-05
241 TOTAL..	1.22092D-04	1.68314D-04	7.24339D-04	1.71961D-04	2.24240D-05	1.75542D-05
242 TOTAL..	5.09513D-05	1.46720D-04	4.66747D-05	1.04974D-04	7.95575D-06	1.85055D-05
243 TOTAL..	5.14393D-05	1.90142D-04	7.47499D-05	1.04870D-04	1.91615D-06	1.88014D-05
244 TOTAL..	1.83398D-05	1.14325D-04	1.07031D-06	6.88318D-06	1.72965D-06	1.55430D-05
245 TOTAL..	8.73309D-06	6.32652D-05	7.32105D-07	7.59403D-06	1.38140D-06	1.11757D-05
246 TOTAL..	7.42260D-05	6.32727D-05	4.76375D-05	7.60035D-06	1.38140D-06	1.11817D-05
247 TOTAL..	1.45663D-06	1.46531D-05	3.97955D-07	5.75990D-06	8.97291D-07	6.79331D-06
248 TOTAL..	2.15200D-05	9.68332D-05	4.03194D-06	7.79804D-06	1.47694D-06	1.56203D-05
249 TOTAL..	1.16134D-05	5.27818D-05	2.76838D-06	6.63091D-06	1.48549D-06	1.12298D-05
250 TOTAL..	6.73701D-05	5.27880D-05	4.23287D-05	6.63656D-06	1.48549D-06	1.12351D-05
251 TOTAL..	2.58361D-06	1.35817D-05	1.50483D-06	4.85032D-06	1.07613D-06	6.82623D-06
252 TOTAL..	2.54619D-02	2.81616D-02	3.66647D-02	2.07649D-03	2.02447D-03	2.69474D-03
253 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
254 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
255 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
256 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
257 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
258 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
259 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0

260 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
261 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
262 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
263 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
264 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
265 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
266 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
267 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
268 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
269 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
270 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
271 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
272 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
273 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
274 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
275 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
276 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
277 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
278 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
279 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0

280 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
281 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
282 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
283 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
284 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
285 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
286 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
287 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
288 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
289 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
290 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
291 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
292 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
293 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
294 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
295 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
296 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
297 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
298 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
299 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0

300 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
301 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
302 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
303 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
304 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
305 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
306 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
307 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
308 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
309 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
310 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0
311 TOTAL..	0.0	0.0	0.0	0.0	0.0	0.0

REQUIRED BLANK COMMON FOR THIS STEP= 78373

R E S P O N S E S P E C T R U M S T R E S S C O M P O N E N T S (KIND = 2)

OR EACH ELEMENT, THE FOLLOWING INFORMATION IS PRINTED:

1. FOR EACH EARTH QUAKE DIRECTION; THE NUMBER OF THE MODE WITH THE LARGEST STRESS.
2. THE VALUE OF THAT STRESS.
3. IF REQUESTED; THE MODE BY MODE STRESSES FOR EACH EARTH QUAKE DIRECTION.
4. THE RESULTANT FOR EACH EARTH QUAKE DIRECTION.
5. THE GRAND TOTAL OF THE THREE EARTH QUAKE DIRECTIONS.

**(NOTE: THE X, Y, OR Z REFERS TO THE EARTH QUAKE DIRECTION.)

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (1)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	15	8	8	8	8	8	10
X MAXIMUM	2.359D+03	7.854D+02	-1.320D+03	-4.313D+04	1.302D+05	5.086D+04	2.359D+03	7.854D+02	-1.320D+03	-4.313D+04	8.711D+04	-3.242D+04
Y	48	24	40	40	40	24	48	24	40	40	40	24
Y MAXIMUM	3.805D+01	3.336D+01	-3.119D+01	5.243D+02	2.394D+03	2.596D+03	3.805D+01	3.336D+01	-3.119D+01	5.243D+02	1.376D+03	1.507D+03
Z	11	8	8	8	8	15	11	8	8	8	8	11
Z MAXIMUM	-4.719D+03	8.797D+02	-1.479D+03	-4.831D+04	1.458D+05	4.167D+04	-4.719D+03	8.797D+02	-1.479D+03	-4.831D+04	9.756D+04	6.651D+04
GRAND TOTAL	1.363D+04	4.900D+03	5.181D+03	1.276D+05	4.818D+05	2.201D+05	1.363D+04	4.900D+03	5.181D+03	1.276D+05	3.130D+05	2.213D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (2)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	10	8	8	8	8	8	8
X MAXIMUM	2.358D+03	7.856D+02	-1.285D+03	-4.313D+04	8.711D+04	-3.242D+04	2.358D+03	7.856D+02	-1.285D+03	-4.313D+04	2.541D+04	-6.122D+04
Y	48	24	40	40	40	24	48	24	40	40	37	11
Y MAXIMUM	3.792D+01	3.083D+01	-2.710D+01	5.243D+02	1.376D+03	1.507D+03	3.792D+01	3.083D+01	-2.710D+01	5.243D+02	3.207D+02	7.937D+02
Z	11	8	8	8	8	11	11	8	8	8	8	11
Z MAXIMUM	-4.717D+03	8.799D+02	-1.440D+03	-4.831D+04	9.756D+04	6.651D+04	-4.717D+03	8.799D+02	-1.440D+03	-4.831D+04	2.846D+04	1.064D+05
GRAND TOTAL	1.363D+04	4.841D+03	5.003D+03	1.276D+05	3.130D+05	2.213D+05	1.363D+04	4.841D+03	5.003D+03	1.276D+05	1.098D+05	3.092D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (3)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	10	8
X MAXIMUM	2.356D+03	8.095D+02	-1.143D+03	-4.313D+04	2.541D+04	-6.122D+04	2.356D+03	8.095D+02	-1.143D+03	-4.313D+04	1.441D+04	-7.741D+04
Y	48	15	25	40	37	11	48	15	25	40	41	11
Y MAXIMUM	3.765D+01	2.673D+01	1.287D+01	5.243D+02	3.207D+02	7.937D+02	3.765D+01	2.673D+01	1.287D+01	5.243D+02	-4.726D+02	9.336D+02
Z	11	11	8	8	8	11	11	11	8	8	11	11
Z MAXIMUM	-4.712D+03	-9.374D+02	-1.281D+03	-4.830D+04	2.846D+04	1.064D+05	-4.712D+03	-9.374D+02	-1.281D+03	-4.830D+04	-3.060D+04	1.251D+05
GRAND TOTAL	1.361D+04	4.753D+03	4.307D+03	1.276D+05	1.098D+05	3.092D+05	1.361D+04	4.753D+03	4.307D+03	1.276D+05	8.585D+04	4.013D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (4)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	8	8	10	8	8	10	8	8	8	8
X MAXIMUM	2.355D+03	8.401D+02	-1.022D+03	-4.314D+04	1.441D+04	-7.741D+04	2.259D+03	-1.132D+03	-1.022D+03	-3.289D+04	2.219D+04	-7.607D+04
Y	48	15	25	40	41	11	15	48	25	37	40	11
Y MAXIMUM	3.744D+01	2.348D+01	7.215D+00	5.243D+02	-4.726D+02	9.336D+02	3.417D+01	-2.227D+01	7.215D+00	5.313D+02	-4.733D+02	8.671D+02
Z	11	11	8	8	11	11	11	11	8	8	11	11
Z MAXIMUM	-4.708D+03	-1.050D+03	-1.144D+03	-4.832D+04	-3.060D+04	1.251D+05	-4.072D+03	2.587D+03	-1.144D+03	-3.684D+04	-4.098D+04	1.162D+05
GRAND TOTAL	1.360D+04	4.777D+03	3.755D+03	1.276D+05	8.585D+04	4.013D+05	1.270D+04	6.874D+03	3.755D+03	1.197D+05	1.160D+05	3.946D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (4)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	10	8	8
X MAXIMUM	8.401D+02	-2.355D+03	-1.022D+03	2.222D+04	2.883D+04	-5.620D+04

Y	15	48	25	37	40	15
Y MAXIMUM	2.348D+01	-3.744D+01	7.215D+00	5.580D+02	-5.097D+02	-6.578D+02
Z	11	11	8	11	8	11
Z MAXIMUM	-1.050D+03	4.708D+03	-1.144D+03	-4.022D+04	3.230D+04	7.389D+04
GRAND TOTAL	4.777D+03	1.360D+04	3.755D+03	1.196D+05	1.157D+05	2.852D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (5)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	8	10	8	8	8	10	8	10	10	8
X MAXIMUM	9.091D+02	-2.069D+03	-1.414D+03	2.222D+04	4.240D+04	-4.683D+04	9.091D+02	-2.069D+03	-1.414D+03	2.222D+04	2.037D+04	-1.090D+04
Y	15	48	40	37	40	15	15	48	40	37	11	41
Y MAXIMUM	2.033D+01	-3.652D+01	1.654D+01	5.580D+02	-4.980D+02	-6.884D+02	2.033D+01	-3.652D+01	1.654D+01	5.580D+02	-2.696D+02	-5.702D+02
Z	11	11	8	11	8	11	11	11	8	11	11	11
Z MAXIMUM	-1.247D+03	4.598D+03	-1.584D+03	-4.022D+04	4.749D+04	6.429D+04	-1.247D+03	4.598D+03	-1.584D+03	-4.022D+04	-3.613D+04	-1.848D+04
GRAND TOTAL	5.107D+03	1.267D+04	4.045D+03	1.196D+05	1.750D+05	2.506D+05	5.107D+03	1.267D+04	4.045D+03	1.196D+05	1.205D+05	9.141D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (6)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	10	8	10	8	10	10	10	8	10	5	10
X MAXIMUM	9.688D+02	9.152D+02	2.242D+03	2.222D+04	-1.765D+04	-2.086D+04	9.317D+02	6.047D+02	2.242D+03	2.162D+04	9.919D+03	-2.721D+04
Y	40	48	11	37	41	24	15	40	11	37	48	11
Y MAXIMUM	-2.459D+01	2.327D+01	-2.976D+01	5.580D+02	-5.618D+02	3.856D+02	1.836D+01	2.279D+01	-2.976D+01	7.456D+02	5.950D+02	3.878D+02
Z	11	11	11	11	8	11	11	11	11	11	11	11
Z MAXIMUM	-1.418D+03	-1.699D+03	-3.988D+03	-4.022D+04	-1.977D+04	4.057D+04	-1.960D+03	-1.028D+03	-3.988D+03	-4.317D+04	-1.577D+04	5.196D+04
GRAND TOTAL	5.430D+03	3.753D+03	1.212D+04	1.196D+05	8.427D+04	1.031D+05	6.042D+03	3.259D+03	1.212D+04	1.399D+05	7.780D+04	1.180D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (6)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	10	8	10
X MAXIMUM	1.092D+03	-7.854D+02	2.242D+03	2.318D+04	2.913D+04	-3.058D+04
Y	48	40	11	37	48	48
Y MAXIMUM	1.865D+01	2.763D+01	-2.976D+01	8.562D+02	6.826D+02	-4.515D+02
Z	11	8	11	11	8	11
Z MAXIMUM	-2.204D+03	-8.797D+02	-3.988D+03	-5.229D+04	3.262D+04	5.709D+04
GRAND TOTAL	5.770D+03	2.912D+03	1.212D+04	1.544D+05	1.346D+05	1.185D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (7)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	8	8	10	8	10	10	8	8	10	8	10
X MAXIMUM	1.110D+03	-7.065D+02	1.975D+03	2.318D+04	2.913D+04	-3.058D+04	1.071D+03	-9.332D+02	1.975D+03	2.635D+04	4.547D+04	-2.976D+04
Y	48	40	11	37	48	48	48	40	11	37	48	48
Y MAXIMUM	1.842D+01	3.511D+01	-2.639D+01	8.563D+02	6.826D+02	-4.515D+02	2.255D+01	3.619D+01	-2.639D+01	8.772D+02	5.895D+02	-5.381D+02
Z	11	8	11	11	8	11	11	8	11	11	8	11
Z MAXIMUM	-2.300D+03	-7.913D+02	-3.537D+03	-5.230D+04	3.262D+04	5.708D+04	-2.155D+03	-1.045D+03	-3.537D+03	-6.549D+04	5.092D+04	5.402D+04
GRAND TOTAL	6.172D+03	2.507D+03	1.084D+04	1.544D+05	1.346D+05	1.185D+05	5.130D+03	4.207D+03	1.084D+04	1.861D+05	1.641D+05	1.224D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (7)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	10	8	10
X MAXIMUM	8.687D+02	-1.018D+03	1.975D+03	3.033D+04	5.488D+04	-2.551D+04
Y	48	40	11	48	48	40
Y MAXIMUM	2.324D+01	3.176D+01	-2.639D+01	8.279D+02	4.068D+02	-5.971D+02
Z	11	11	11	11	8	11
Z MAXIMUM	-1.681D+03	1.572D+03	-3.537D+03	-8.002D+04	6.147D+04	4.408D+04
GRAND TOTAL	3.583D+03	5.733D+03	1.084D+04	2.502D+05	1.865D+05	1.334D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (8)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	10	8	10	10	8	8	10	8	8
X MAXIMUM	8.349D+02	1.044D+03	-1.711D+03	3.033D+04	-5.488D+04	2.551D+04	8.349D+02	1.044D+03	-1.711D+03	3.033D+04	-7.370D+04	-2.485D+04
Y	48	40	11	48	48	40	48	40	11	48	11	40
Y MAXIMUM	2.277D+01	-3.537D+01	2.308D+01	8.279D+02	-4.068D+02	5.971D+02	2.277D+01	-3.537D+01	2.308D+01	8.279D+02	5.286D+02	9.862D+02
Z	11	11	11	11	8	11	11	11	11	11	8	8
Z MAXIMUM	-1.678D+03	-1.667D+03	3.092D+03	-8.002D+04	-6.147D+04	-4.408D+04	-1.678D+03	-1.667D+03	3.092D+03	-8.002D+04	-8.255D+04	-2.783D+04
GRAND TOTAL	3.823D+03	5.911D+03	9.581D+03	2.502D+05	1.865D+05	1.334D+05	3.823D+03	5.911D+03	9.581D+03	2.502D+05	2.829D+05	1.426D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (9)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	15	10	8	10	8	8	15	10	8	10	8
X MAXIMUM	-2.104D+02	2.865D+02	-1.349D+02	-9.629D+03	2.920D+03	-1.294D+04	-2.104D+02	2.865D+02	-1.349D+02	-9.629D+03	1.655D+03	-1.452D+04
Y	48	41	24	15	41	37	48	41	24	15	41	37
Y MAXIMUM	-8.118D+00	6.929D+01	-4.398D+00	9.323D+01	1.085D+02	-1.327D+03	-8.118D+00	6.929D+01	-4.398D+00	9.323D+01	1.016D+02	-7.022D+02
Z	11	11	11	8	11	8	11	11	11	8	11	11
Z MAXIMUM	4.606D+02	-4.543D+02	2.238D+02	-1.078D+04	-4.775D+03	-1.449D+04	4.606D+02	-4.543D+02	2.238D+02	-1.078D+04	-2.677D+03	1.683D+04
GRAND TOTAL	1.355D+03	2.566D+03	6.382D+02	3.840D+04	1.570D+04	6.517D+04	1.355D+03	2.566D+03	6.382D+02	3.840D+04	9.799D+03	6.733D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (10)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	10	8	10	10	8	8	10	8	8
X MAXIMUM	6.695D+02	8.908D+02	-1.257D+03	2.472D+04	-7.454D+04	2.159D+04	6.695D+02	8.908D+02	-1.257D+03	2.472D+04	-8.837D+04	-2.502D+04
Y	48	41	37	37	11	40	48	41	37	37	11	40
Y MAXIMUM	2.600D+01	-8.493D+01	-2.127D+01	-5.175D+02	5.642D+02	9.164D+02	2.600D+01	-8.493D+01	-2.127D+01	-5.175D+02	7.466D+02	1.425D+03
Z	11	11	11	11	8	11	11	11	11	11	11	8
Z MAXIMUM	-1.451D+03	-1.269D+03	2.222D+03	-6.744D+04	-8.349D+04	-3.631D+04	-1.451D+03	-1.269D+03	2.222D+03	-6.744D+04	1.000D+05	-2.802D+04
GRAND TOTAL	3.751D+03	4.821D+03	7.165D+03	2.110D+05	2.936D+05	1.425D+05	3.751D+03	4.821D+03	7.165D+03	2.110D+05	3.631D+05	1.470D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (11)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	10	8	8	10	8	8	10	8	8
X MAXIMUM	6.453D+02	8.959D+02	-1.062D+03	2.472D+04	-8.837D+04	-2.501D+04	6.453D+02	8.959D+02	-1.062D+03	2.472D+04	-9.753D+04	-3.274D+04
Y	48	41	37	37	11	40	48	41	37	37	11	41
Y MAXIMUM	2.565D+01	-8.538D+01	-2.103D+01	-5.174D+02	7.466D+02	1.425D+03	2.565D+01	-8.538D+01	-2.103D+01	-5.174D+02	8.684D+02	1.868D+03
Z	11	11	11	11	11	8	11	11	11	11	11	8
Z MAXIMUM	-1.449D+03	-1.289D+03	1.892D+03	-6.744D+04	1.000D+05	-2.802D+04	-1.449D+03	-1.289D+03	1.892D+03	-6.744D+04	1.164D+05	-3.667D+04
GRAND TOTAL	3.997D+03	4.874D+03	6.215D+03	2.110D+05	3.631D+05	1.470D+05	3.997D+03	4.874D+03	6.215D+03	2.110D+05	4.130D+05	1.553D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (12)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	8	10	8	8	10	10	8	10	8	8
X MAXIMUM	5.944D+02	7.696D+02	-6.531D+02	2.472D+04	-9.753D+04	-3.274D+04	5.944D+02	7.696D+02	-6.531D+02	2.472D+04	-1.186D+05	-2.648D+04
Y	40	24	37	37	11	41	40	24	37	37	11	40
Y MAXIMUM	2.666D+01	-3.133D+01	-1.936D+01	-5.176D+02	8.684D+02	1.868D+03	2.666D+01	-3.133D+01	-1.936D+01	-5.176D+02	1.157D+03	1.559D+03
Z	11	11	11	11	11	8	11	11	11	11	11	11
Z MAXIMUM	-1.444D+03	-1.510D+03	1.202D+03	-6.744D+04	1.164D+05	-3.667D+04	-1.444D+03	-1.510D+03	1.202D+03	-6.744D+04	1.551D+05	3.744D+04
GRAND TOTAL	4.510D+03	4.721D+03	4.214D+03	2.110D+05	4.130D+05	1.553D+05	4.510D+03	4.721D+03	4.214D+03	2.110D+05	5.451D+05	1.394D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (13)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	10	10	8	8	8	8	10	10	10	8
X MAXIMUM	1.367D+03	-8.479D+02	4.884D+02	2.472D+04	2.648D+04	-1.186D+05	1.231D+03	-1.036D+03	4.884D+02	2.860D+04	3.989D+04	-6.046D+04

Y	25	40	15	37	40	11	25	48	15	11	24	37
Y MAXIMUM	-3.838D+01	1.274D+01	-2.039D+01	-5.176D+02	-1.559D+03	1.157D+03	-3.886D+01	-1.208D+01	-2.039D+01	-5.690D+02	-1.951D+03	-9.506D+02
Z	8	11	11	11	11	11	8	11	11	11	11	8
Z MAXIMUM	-1.531D+03	1.366D+03	-9.257D+02	-6.744D+04	-3.743D+04	1.551D+05	1.378D+03	1.557D+03	-9.257D+02	-7.625D+04	-8.414D+04	-6.772D+04
GRAND TOTAL	6.480D+03	4.842D+03	3.590D+03	2.110D+05	1.394D+05	5.451D+05	5.909D+03	5.524D+03	3.590D+03	2.253D+05	2.462D+05	3.019D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (13)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	10	10	10	5
X MAXIMUM	1.069D+03	-1.203D+03	4.884D+02	3.622D+04	6.533D+04	-3.013D+04
Y	40	48	15	24	15	48
Y MAXIMUM	3.887D+01	-1.489D+01	-2.039D+01	-7.009D+02	-2.873D+03	1.749D+03
Z	8	11	11	11	11	5
Z MAXIMUM	1.197D+03	1.715D+03	-9.257D+02	-9.169D+04	-1.291D+05	-4.624D+04
GRAND TOTAL	5.215D+03	6.168D+03	3.590D+03	2.416D+05	4.256D+05	1.821D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (14)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	10	5	10	8	8	8	10	8	10
X MAXIMUM	1.575D+03	-4.159D+02	1.866D+03	3.622D+04	-3.013D+04	-6.533D+04	1.575D+03	-4.159D+02	1.866D+03	3.622D+04	9.051D+04	-5.106D+04
Y	25	24	48	24	48	15	25	24	48	24	11	15
Y MAXIMUM	-5.483D+01	4.148D+01	-4.392D+01	-7.009D+02	1.749D+03	2.873D+03	-5.483D+01	4.148D+01	-4.392D+01	-7.009D+02	-1.156D+03	2.175D+03
Z	8	11	11	11	5	11	8	11	11	11	11	11
Z MAXIMUM	1.764D+03	7.194D+02	-2.707D+03	-9.169D+04	-4.624D+04	1.291D+05	1.764D+03	7.194D+02	-2.707D+03	-9.169D+04	-1.549D+05	9.751D+04
GRAND TOTAL	6.186D+03	2.988D+03	9.852D+03	2.416D+05	1.821D+05	4.256D+05	6.186D+03	2.988D+03	9.852D+03	2.416D+05	5.919D+05	3.840D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (15)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	15	5	10	8	10	8	15	5	10	8	8
X MAXIMUM	1.790D+03	6.186D+02	1.627D+03	3.622D+04	9.051D+04	-5.106D+04	1.790D+03	6.186D+02	1.627D+03	3.622D+04	7.563D+04	4.715D+04
Y	25	24	25	24	11	15	25	24	25	24	11	15
Y MAXIMUM	-6.169D+01	5.582D+01	5.603D+01	-7.009D+02	-1.156D+03	2.175D+03	-6.169D+01	5.582D+01	5.603D+01	-7.009D+02	-9.033D+02	1.386D+03
Z	8	11	5	11	11	11	8	11	5	11	11	11
Z MAXIMUM	2.005D+03	1.269D+03	2.497D+03	-9.169D+04	-1.549D+05	9.751D+04	2.005D+03	1.269D+03	2.497D+03	-9.169D+04	-1.210D+05	6.274D+04
GRAND TOTAL	6.882D+03	4.412D+03	8.674D+03	2.416D+05	5.919D+05	3.840D+05	6.882D+03	4.412D+03	8.674D+03	2.416D+05	4.003D+05	3.255D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (16)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	15	5	10	8	8	8	15	5	10	8	8
X MAXIMUM	-4.979D+03	7.876D+02	1.550D+03	3.622D+04	7.563D+04	4.715D+04	-4.979D+03	7.876D+02	1.550D+03	3.622D+04	5.802D+04	5.944D+04
Y	11	24	25	24	11	15	11	24	25	24	25	24
Y MAXIMUM	-4.877D+01	6.236D+01	4.492D+01	-7.009D+02	-9.033D+02	1.386D+03	-4.877D+01	6.236D+01	4.492D+01	-7.009D+02	1.937D+03	-2.801D+03
Z	11	11	5	11	11	11	11	11	5	11	5	8
Z MAXIMUM	-6.536D+03	1.598D+03	2.379D+03	-9.169D+04	-1.210D+05	6.274D+04	-6.536D+03	1.598D+03	2.379D+03	-9.169D+04	8.407D+04	6.658D+04
GRAND TOTAL	2.483D+04	5.226D+03	8.196D+03	2.416D+05	4.003D+05	3.255D+05	2.483D+04	5.226D+03	8.196D+03	2.416D+05	4.422D+05	2.352D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (17)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	15	5	10	8	8	8	15	5	10	5	8
X MAXIMUM	-4.850D+03	8.469D+02	1.468D+03	3.622D+04	5.802D+04	5.944D+04	-4.850D+03	8.469D+02	1.468D+03	3.622D+04	7.094D+04	6.358D+04
Y	11	24	25	24	25	24	11	24	25	24	25	24
Y MAXIMUM	-4.761D+01	6.351D+01	3.526D+01	-7.009D+02	1.937D+03	-2.801D+03	-4.761D+01	6.351D+01	3.526D+01	-7.009D+02	2.325D+03	-3.500D+03
Z	11	11	5	11	5	8	11	11	5	11	5	8
Z MAXIMUM	-6.379D+03	1.710D+03	2.253D+03	-9.169D+04	8.407D+04	6.658D+04	-6.379D+03	1.710D+03	2.253D+03	-9.169D+04	1.089D+05	7.121D+04
GRAND TOTAL	2.420D+04	5.484D+03	7.839D+03	2.416D+05	4.422D+05	2.352D+05	2.420D+04	5.484D+03	7.839D+03	2.416D+05	4.801D+05	2.267D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (18)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	8	10	10	10	1	1	8	10
X MAXIMUM	7.482D+02	-2.572D+03	2.281D+03	-1.076D+05	9.244D+04	-5.783D+04	7.482D+02	-2.572D+03	2.281D+03	-1.076D+05	7.022D+04	-3.178D+04
Y	19	40	40	19	40	40	19	40	40	19	19	40
Y MAXIMUM	-3.008D+01	-1.071D+02	4.731D+01	7.042D+02	-1.488D+03	-3.035D+03	-3.008D+01	-1.071D+02	4.731D+01	7.042D+02	-1.145D+03	-1.950D+03
Z	11	11	11	1	11	5	11	11	11	1	11	5
Z MAXIMUM	-1.081D+03	3.308D+03	-3.113D+03	-6.004D+04	1.237D+05	6.635D+04	-1.081D+03	3.308D+03	-3.113D+03	-6.004D+04	9.222D+04	4.441D+04
GRAND TOTAL	4.006D+03	1.558D+04	1.182D+04	1.584D+05	5.117D+05	3.898D+05	4.006D+03	1.558D+04	1.182D+04	1.584D+05	3.964D+05	2.321D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (19)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	1	8	1	10	8	10	1	8	1	10
X MAXIMUM	-2.688D+03	-1.592D+03	-1.263D+03	6.776D+04	1.202D+05	5.771D+04	-2.688D+03	-1.592D+03	-1.263D+03	6.776D+04	1.063D+05	7.522D+04
Y	24	15	24	19	25	40	24	15	24	19	25	40
Y MAXIMUM	-8.584D+01	5.428D+01	4.544D+01	-7.770D+02	1.684D+03	3.034D+03	-8.584D+01	5.428D+01	4.544D+01	-7.770D+02	1.740D+03	3.254D+03
Z	8	11	11	8	5	11	8	11	11	8	5	11
Z MAXIMUM	-3.010D+03	2.835D+03	9.939D+02	7.589D+04	8.119D+04	-1.358D+05	-3.010D+03	2.835D+03	9.939D+02	7.589D+04	7.721D+04	-1.669D+05
GRAND TOTAL	1.301D+04	9.099D+03	5.817D+03	4.424D+05	4.863D+05	3.273D+05	1.301D+04	9.099D+03	5.817D+03	4.424D+05	4.402D+05	4.021D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (20)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	1	8	1	10	8	10	1	8	1	10
X MAXIMUM	-2.633D+03	-1.597D+03	-1.269D+03	6.776D+04	1.063D+05	7.522D+04	-2.633D+03	-1.597D+03	-1.269D+03	6.776D+04	9.743D+04	8.640D+04
Y	24	15	24	19	25	40	24	15	24	19	25	40
Y MAXIMUM	-8.766D+01	5.454D+01	4.296D+01	-7.770D+02	1.740D+03	3.254D+03	-8.766D+01	5.454D+01	4.296D+01	-7.770D+02	1.748D+03	3.394D+03
Z	8	11	11	8	5	11	8	11	11	8	5	11
Z MAXIMUM	-2.949D+03	2.845D+03	9.818D+02	7.589D+04	7.721D+04	-1.669D+05	-2.949D+03	2.845D+03	9.818D+02	7.589D+04	7.426D+04	-1.869D+05
GRAND TOTAL	1.274D+04	9.121D+03	5.807D+03	4.424D+05	4.402D+05	4.021D+05	1.274D+04	9.121D+03	5.807D+03	4.424D+05	4.111D+05	4.543D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (21)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	1	10	8	10	1	8	1	10	8	10	8
X MAXIMUM	-2.223D+03	1.322D+03	7.983D+02	6.776D+04	-8.640D+04	9.743D+04	-2.087D+03	9.703D+02	7.983D+02	6.006D+04	-5.285D+04	3.505D+04
Y	24	25	40	19	40	25	24	25	40	24	15	24
Y MAXIMUM	-1.012D+02	2.889D+01	5.718D+01	-7.770D+02	-3.394D+03	1.748D+03	-1.024D+02	2.311D+01	5.718D+01	6.937D+02	1.946D+03	1.293D+03
Z	8	11	11	8	11	5	8	8	11	8	11	8
Z MAXIMUM	-2.490D+03	-8.807D+02	-1.613D+03	7.589D+04	1.869D+05	7.426D+04	-2.338D+03	8.634D+02	-1.613D+03	6.727D+04	9.018D+04	3.925D+04
GRAND TOTAL	1.070D+04	5.896D+03	5.476D+03	4.424D+05	4.543D+05	4.111D+05	1.080D+04	6.514D+03	5.476D+03	3.207D+05	3.884D+05	2.105D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (21)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	10	6	8	10
X MAXIMUM	-1.633D+03	1.511D+03	7.983D+02	-3.642D+04	-9.976D+04	8.201D+04
Y	24	24	40	15	24	25
Y MAXIMUM	-8.812D+01	5.495D+01	5.718D+01	9.965D+02	-4.794D+03	-1.118D+03
Z	8	8	11	5	8	4
Z MAXIMUM	-1.829D+03	1.692D+03	-1.613D+03	-5.554D+04	-1.117D+05	5.677D+04
GRAND TOTAL	9.791D+03	8.210D+03	5.476D+03	2.582D+05	3.824D+05	4.409D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (22)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	10	8	6	10	8	1	10	8	6	10	8
X MAXIMUM	1.414D+03	9.346D+02	-1.366D+03	-3.642D+04	8.201D+04	9.976D+04	1.414D+03	9.346D+02	-1.366D+03	-3.642D+04	8.880D+04	1.032D+05

Y	24	24	24	15	25	24	24	24	24	15	24	24
Y MAXIMUM	-8.638D+01	-2.692D+01	-6.017D+01	9.965D+02	-1.118D+03	4.794D+03	-8.638D+01	-2.692D+01	-6.017D+01	9.965D+02	-1.531D+03	5.019D+03
Z	8	11	8	5	4	8	8	11	8	5	4	8
Z MAXIMUM	-1.272D+03	-1.745D+03	-1.530D+03	-5.554D+04	5.677D+04	1.117D+05	-1.272D+03	-1.745D+03	-1.530D+03	-5.554D+04	5.885D+04	1.156D+05
GRAND TOTAL	8.413D+03	5.267D+03	6.777D+03	2.582D+05	4.409D+05	3.824D+05	8.413D+03	5.267D+03	6.777D+03	2.582D+05	4.962D+05	3.902D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (23)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	10	10	5	5	8	10	10	10	5	10
X MAXIMUM	3.655D+03	1.652D+03	-3.820D+03	-9.956D+04	-6.332D+04	-4.409D+04	3.655D+03	1.652D+03	-3.820D+03	-9.956D+04	-9.355D+04	-5.706D+04
Y	27	40	37	40	24	15	27	40	37	40	40	40
Y MAXIMUM	-4.329D+01	-2.295D+02	4.230D+01	2.656D+03	-1.935D+03	1.034D+03	-4.329D+01	-2.295D+02	4.230D+01	2.656D+03	-1.401D+03	3.644D+03
Z	8	11	11	5	5	5	8	11	11	5	5	5
Z MAXIMUM	4.094D+03	-2.322D+03	-3.035D+03	-1.015D+05	-9.716D+04	-6.765D+04	4.094D+03	-2.322D+03	-3.035D+03	-1.015D+05	-1.435D+05	-6.277D+04
GRAND TOTAL	2.151D+04	9.319D+03	2.025D+04	6.522D+05	4.436D+05	2.756D+05	2.151D+04	9.319D+03	2.025D+04	6.522D+05	6.182D+05	4.137D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (24)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	6	12	10	10	5	8	5	12	8	10	5
X MAXIMUM	4.006D+03	1.747D+03	3.251D+03	-9.956D+04	5.706D+04	-9.355D+04	3.987D+03	-1.773D+03	3.251D+03	6.154D+04	8.217D+04	-8.074D+04
Y	27	34	40	40	40	40	34	27	40	24	40	34
Y MAXIMUM	-4.113D+01	-5.079D+01	1.233D+02	2.656D+03	-3.644D+03	-1.401D+03	-6.147D+01	3.526D+01	1.233D+02	2.268D+03	-2.625D+03	1.357D+03
Z	8	11	5	5	5	5	8	11	5	8	8	5
Z MAXIMUM	4.487D+03	-2.148D+03	-3.176D+03	-1.015D+05	6.277D+04	-1.435D+05	4.465D+03	-4.630D+03	-3.176D+03	6.893D+04	-7.349D+04	-1.239D+05
GRAND TOTAL	2.338D+04	1.288D+04	1.934D+04	6.522D+05	4.137D+05	6.182D+05	2.258D+04	1.376D+04	1.934D+04	4.038D+05	4.789D+05	5.632D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (24)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	6	8	12	15	8	12
X MAXIMUM	1.747D+03	-4.006D+03	3.251D+03	-2.115D+04	-1.030D+05	5.051D+04
Y	34	27	40	24	24	34
Y MAXIMUM	-5.079D+01	4.113D+01	1.233D+02	1.692D+03	-1.448D+03	1.133D+03
Z	11	8	5	4	8	4
Z MAXIMUM	-2.148D+03	-4.487D+03	-3.176D+03	-3.286D+04	-1.154D+05	6.848D+04
GRAND TOTAL	1.288D+04	2.338D+04	1.934D+04	1.289D+05	4.464D+05	3.353D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (25)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	6	12	8	15	12	8	6	12	8	15	8	8
X MAXIMUM	1.680D+03	3.258D+03	4.274D+03	-2.115D+04	5.051D+04	1.030D+05	1.680D+03	3.258D+03	4.274D+03	-2.115D+04	4.555D+04	1.101D+05
Y	34	40	40	24	34	24	34	40	40	24	27	24
Y MAXIMUM	-4.810D+01	1.260D+02	5.064D+01	1.692D+03	1.133D+03	1.448D+03	-4.810D+01	1.260D+02	5.064D+01	1.692D+03	-1.322D+03	1.401D+03
Z	11	5	8	4	4	8	11	5	8	4	4	8
Z MAXIMUM	-1.844D+03	-3.178D+03	4.787D+03	-3.286D+04	6.848D+04	1.154D+05	-1.844D+03	-3.178D+03	4.787D+03	-3.286D+04	8.333D+04	1.233D+05
GRAND TOTAL	1.235D+04	1.939D+04	2.477D+04	1.289D+05	3.353D+05	4.464D+05	1.235D+04	1.939D+04	2.477D+04	1.289D+05	3.217D+05	4.142D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (26)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	6	8	8	8	8	8	6	8	8
X MAXIMUM	-4.004D+02	-3.224D+02	1.140D+03	-4.776D+04	-1.782D+04	-3.678D+03	-4.004D+02	-3.224D+02	1.140D+03	-4.776D+04	-9.841D+03	-1.422D+03
Y	27	27	6	6	11	27	27	27	6	6	11	27
Y MAXIMUM	-7.095D+01	-5.999D+01	-1.046D+01	-4.765D+02	1.732D+02	-3.083D+02	-7.095D+01	-5.999D+01	-1.046D+01	-4.765D+02	1.239D+02	1.117D+02
Z	8	8	8	8	11	8	8	8	8	8	11	8
Z MAXIMUM	-4.485D+02	-3.611D+02	1.277D+03	5.037D+04	2.320D+04	-4.120D+03	-4.485D+02	-3.611D+02	1.277D+03	5.037D+04	1.660D+04	-1.592D+03
GRAND TOTAL	2.470D+03	2.142D+03	6.194D+03	2.426D+05	1.015D+05	1.941D+04	2.470D+03	2.142D+03	6.194D+03	2.426D+05	5.835D+04	9.820D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (27)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	6	8	8	8	8	8	6	8	15
X MAXIMUM	-3.951D+02	-3.225D+02	1.141D+03	-4.776D+04	-9.841D+03	-1.422D+03	-3.951D+02	-3.225D+02	1.141D+03	-4.776D+04	-6.417D+03	9.997D+02
Y	27	27	6	6	11	27	27	27	6	6	11	27
Y MAXIMUM	-7.090D+01	-5.994D+01	-1.044D+01	-4.765D+02	1.239D+02	1.117D+02	-7.090D+01	-5.994D+01	-1.044D+01	-4.765D+02	1.026D+02	2.915D+02
Z	8	8	8	8	11	8	8	8	8	8	11	11
Z MAXIMUM	-4.425D+02	-3.612D+02	1.278D+03	5.037D+04	1.660D+04	-1.592D+03	-4.425D+02	-3.612D+02	1.278D+03	5.037D+04	1.375D+04	2.359D+03
GRAND TOTAL	2.444D+03	2.142D+03	6.205D+03	2.426D+05	5.835D+04	9.820D+03	2.444D+03	2.142D+03	6.205D+03	2.426D+05	4.269D+04	8.237D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (28)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	6	8	15	8	8	8	6	10	11
X MAXIMUM	-3.909D+02	-3.226D+02	1.142D+03	-4.776D+04	-6.417D+03	9.997D+02	-3.909D+02	-3.226D+02	1.142D+03	-4.776D+04	3.361D+03	1.332D+03
Y	27	27	6	6	11	27	27	27	6	6	11	27
Y MAXIMUM	-7.086D+01	-5.989D+01	-1.043D+01	-4.765D+02	1.026D+02	2.915D+02	-7.086D+01	-5.989D+01	-1.043D+01	-4.765D+02	6.885D+01	5.760D+02
Z	8	8	8	8	11	11	8	8	8	8	11	11
Z MAXIMUM	-4.379D+02	-3.613D+02	1.279D+03	5.037D+04	1.375D+04	2.359D+03	-4.379D+02	-3.613D+02	1.279D+03	5.037D+04	9.225D+03	3.885D+03
GRAND TOTAL	2.424D+03	2.142D+03	6.212D+03	2.426D+05	4.269D+04	8.237D+03	2.424D+03	2.142D+03	6.212D+03	2.426D+05	2.655D+04	1.556D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (29)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	8	6	8	8	8	6	8	6	8
X MAXIMUM	-2.655D+01	-4.336D+02	7.162D+02	1.590D+02	-6.705D+03	-4.174D+03	-2.655D+01	-4.336D+02	7.162D+02	1.590D+02	-4.825D+03	-3.035D+03
Y	40	27	6	27	6	27	40	27	6	27	6	27
Y MAXIMUM	-9.161D-01	-6.301D+01	7.145D+00	2.103D+00	-6.688D+01	-5.932D+02	-9.161D-01	-6.301D+01	7.145D+00	2.103D+00	-4.813D+01	-4.278D+02
Z	8	8	5	8	5	8	8	8	5	8	5	8
Z MAXIMUM	-2.974D+01	-4.857D+02	-6.221D+02	1.780D+02	5.829D+03	-4.675D+03	-2.974D+01	-4.857D+02	-6.221D+02	1.780D+02	4.196D+03	-3.400D+03
GRAND TOTAL	1.351D+02	2.237D+03	2.986D+03	9.158D+02	2.799D+04	2.150D+04	1.351D+02	2.237D+03	2.986D+03	9.158D+02	2.015D+04	1.563D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (30)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	8	6	8	8	8	6	8	6	8
X MAXIMUM	-2.335D+01	-4.337D+02	7.180D+02	1.590D+02	-4.825D+03	-3.035D+03	-2.335D+01	-4.337D+02	7.180D+02	1.590D+02	-2.402D+03	-1.572D+03
Y	40	27	6	27	6	27	40	27	6	27	6	27
Y MAXIMUM	-7.948D-01	-6.303D+01	7.162D+00	2.103D+00	-4.813D+01	-4.278D+02	-7.948D-01	-6.303D+01	7.162D+00	2.103D+00	-2.396D+01	-2.151D+02
Z	8	8	5	8	5	8	8	8	5	8	5	8
Z MAXIMUM	-2.615D+01	-4.858D+02	-6.237D+02	1.780D+02	4.196D+03	-3.400D+03	-2.615D+01	-4.858D+02	-6.237D+02	1.780D+02	2.091D+03	-1.760D+03
GRAND TOTAL	1.187D+02	2.237D+03	2.995D+03	9.158D+02	2.015D+04	1.563D+04	1.187D+02	2.237D+03	2.995D+03	9.158D+02	1.004D+04	8.076D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (31)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	0	6	8	8	8	6	0	6	8
X MAXIMUM	-9.955D+00	-4.337D+02	7.080D+02	0.0	-2.371D+03	-1.465D+03	-9.955D+00	-4.337D+02	7.080D+02	0.0	1.823D+01	-9.273D-01
Y	40	27	6	0	6	27	40	27	6	0	27	40
Y MAXIMUM	-3.765D-01	-6.305D+01	7.063D+00	0.0	-2.366D+01	-2.130D+02	-3.765D-01	-6.305D+01	7.063D+00	0.0	4.331D-01	3.132D-01
Z	8	8	5	0	5	8	8	8	5	0	8	8
Z MAXIMUM	-1.115D+01	-4.858D+02	-6.182D+02	0.0	2.072D+03	-1.641D+03	-1.115D+01	-4.858D+02	-6.182D+02	0.0	-1.944D+01	-1.039D+00
GRAND TOTAL	5.081D+01	2.237D+03	2.973D+03	0.0	9.963D+03	7.558D+03	5.081D+01	2.237D+03	2.973D+03	0.0	9.652D+01	6.726D+00

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (32)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	33	8	8	8	8	8	33	8	8	8	8	8
X MAXIMUM	-3.916D-02	9.583D+00	1.350D+01	-3.331D+01	-1.590D+02	1.068D+02	-3.916D-02	9.583D+00	1.350D+01	-3.331D+01	-1.235D+02	8.168D+01

Y	40	40	27	27	27	40	40	40	27	27	27	40
Y MAXIMUM	3.482D-02	2.743D-01	1.857D-01	-4.326D-01	-2.103D+00	3.092D+00	3.482D-02	2.743D-01	1.857D-01	-4.326D-01	-1.616D+00	2.372D+00
Z	11	8	8	8	8	8	11	8	8	8	8	8
Z MAXIMUM	6.136D-02	1.073D+01	1.512D+01	-3.731D+01	-1.780D+02	1.197D+02	6.136D-02	1.073D+01	1.512D+01	-3.731D+01	-1.384D+02	9.148D+01
GRAND TOTAL	3.990D-01	4.850D+01	7.800D+01	1.916D+02	9.158D+02	5.411D+02	3.990D-01	4.850D+01	7.800D+01	1.916D+02	7.111D+02	4.138D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (33)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	0	6	8	8	8	6	0	8	8
X MAXIMUM	-4.076D+00	-1.216D-01	-2.391D+00	0.0	1.823D+01	-9.273D-01	-4.076D+00	-1.216D-01	-2.391D+00	0.0	2.728D-11	-2.728D-12
Y	40	40	27	0	27	40	40	40	27	0	24	24
Y MAXIMUM	-1.541D-01	4.107D-02	-5.680D-02	0.0	4.331D-01	3.132D-01	-1.541D-01	4.107D-02	-5.680D-02	0.0	-7.958D-13	-2.878D-13
Z	8	8	8	0	8	8	8	8	8	0	11	8
Z MAXIMUM	-4.565D+00	-1.362D-01	2.550D+00	0.0	-1.944D+01	-1.039D+00	-4.565D+00	-1.362D-01	2.550D+00	0.0	5.184D-11	-2.728D-12
GRAND TOTAL	2.080D+01	8.821D-01	1.266D+01	0.0	9.652D+01	6.726D+00	2.080D+01	8.821D-01	1.266D+01	0.0	1.935D-10	1.610D-11

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (34)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	33	8	8	8	8	8	33	8	8	8	8	8
X MAXIMUM	-3.463D-02	8.963D+00	1.346D+01	-3.331D+01	-1.235D+02	8.168D+01	-3.463D-02	8.963D+00	1.346D+01	-3.331D+01	-5.119D+01	3.350D+01
Y	40	40	27	27	27	40	40	40	27	27	27	40
Y MAXIMUM	3.182D-02	2.527D-01	1.770D-01	-4.326D-01	-1.616D+00	2.372D+00	3.182D-02	2.527D-01	1.770D-01	-4.326D-01	-6.647D-01	1.014D+00
Z	11	8	8	8	8	8	11	8	8	8	8	8
Z MAXIMUM	6.192D-02	1.004D+01	1.507D+01	-3.731D+01	-1.384D+02	9.148D+01	6.192D-02	1.004D+01	1.507D+01	-3.731D+01	-5.734D+01	3.752D+01
GRAND TOTAL	4.001D-01	4.536D+01	7.751D+01	1.916D+02	7.111D+02	4.138D+02	4.001D-01	4.536D+01	7.751D+01	1.916D+02	2.945D+02	1.700D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (35)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	12	8	15	8	8	8	12	8	15	8	8
X MAXIMUM	2.664D+03	3.118D+03	4.794D+03	-1.966D+04	6.338D+04	6.514D+04	2.664D+03	3.118D+03	4.794D+03	-1.966D+04	1.113D+05	7.078D+04
Y	34	27	11	24	27	49	34	27	11	24	27	49
Y MAXIMUM	-4.688D+01	1.129D+02	3.840D+01	1.611D+03	-1.313D+03	-1.344D+03	-4.688D+01	1.129D+02	3.840D+01	1.611D+03	-9.805D+02	-2.002D+03
Z	8	5	8	4	4	11	8	5	8	4	8	11
Z MAXIMUM	2.984D+03	-3.043D+03	5.369D+03	-3.541D+04	8.944D+04	-7.977D+04	2.984D+03	-3.043D+03	5.369D+03	-3.541D+04	1.247D+05	-1.036D+05
GRAND TOTAL	1.525D+04	1.859D+04	2.732D+04	1.363D+05	3.487D+05	4.121D+05	1.525D+04	1.859D+04	2.732D+04	1.363D+05	4.264D+05	4.586D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (36)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	15	8	8	8	8	8	15	8	8
X MAXIMUM	2.611D+03	1.508D+03	-2.700D+03	-1.966D+04	1.113D+05	7.078D+04	2.611D+03	1.508D+03	-2.700D+03	-1.966D+04	6.001D+04	4.212D+04
Y	34	49	34	24	27	49	34	49	34	24	11	40
Y MAXIMUM	-4.496D+01	-6.129D+01	-2.796D+01	1.611D+03	-9.805D+02	-2.002D+03	-4.496D+01	-6.129D+01	-2.796D+01	1.611D+03	7.642D+02	-1.832D+03
Z	8	11	4	4	8	11	8	11	4	4	11	11
Z MAXIMUM	2.925D+03	-2.840D+03	-4.543D+03	-3.541D+04	1.247D+05	-1.036D+05	2.925D+03	-2.840D+03	-4.543D+03	-3.541D+04	1.024D+05	-4.964D+04
GRAND TOTAL	1.487D+04	1.010D+04	1.096D+04	1.363D+05	4.264D+05	4.586D+05	1.487D+04	1.010D+04	1.096D+04	1.363D+05	3.825D+05	3.089D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (37)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	15	8	8	8	8	8	15	11	10
X MAXIMUM	2.489D+03	1.504D+03	-2.289D+03	-1.966D+04	6.001D+04	4.212D+04	2.489D+03	1.504D+03	-2.289D+03	-1.966D+04	5.641D+04	7.635D+04
Y	34	49	34	24	11	40	34	49	34	24	34	49
Y MAXIMUM	-4.050D+01	-5.856D+01	-2.721D+01	1.611D+03	7.642D+02	-1.832D+03	-4.050D+01	-5.856D+01	-2.721D+01	1.611D+03	-1.325D+03	1.973D+03
Z	8	11	4	4	11	11	8	11	4	4	4	11
Z MAXIMUM	2.788D+03	-2.826D+03	-4.191D+03	-3.541D+04	1.024D+05	-4.964D+04	2.788D+03	-2.826D+03	-4.191D+03	-3.541D+04	-1.768D+05	8.602D+04
GRAND TOTAL	1.397D+04	1.007D+04	9.999D+03	1.363D+05	3.825D+05	3.089D+05	1.397D+04	1.007D+04	9.999D+03	1.363D+05	5.866D+05	3.623D+05

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	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	15	11	10	8	8	8	15	8	10
X MAXIMUM	2.382D+03	1.480D+03	-1.932D+03	-1.966D+04	5.641D+04	7.635D+04	2.38	+03 .	+ - .	+ - .	+ .	0D+
Y	37	49	34	24	34	49	37	49	34	24	34	49
Y MAXIMUM	-3.750D+01	-4.917D+01	-2.359D+01	1.611D+03	-1.325D+03	1.973D+03	-3.750D+01	-4.917D+01	-2.359D+01	1.611D+03	-1.561D+03	2.465D+03
Z	8	11	4	4	4	11	8	11	4	4	4	11
Z MAXIMUM	2.668D+03	-2.773D+03	-3.714D+03	-3.541D+04	-1.768D+05	8.602D+04	2.668D+03	-2.77	+ 2_1.141D+03	_4.776D+04	_6.417D+03	9.99%D+02
GRAND TOTAL	1.320D+04	9.875D+03	8.688D+03	1.363D+05	5.866D+05	3.623D+05	1.320D+04	9.875D+03	8.688D+03	1.363D+05	6.702D+05	4.385D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (39)

5D 02 3 612D+02 1 278D+03 5 037D+04 1 375D+04 2 359D+03

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	8	5	8	12	8	12	8	5	8
X MAXIMUM	-2.814D+03	1.088D+03	-2.591D+03	9.840D+04	7.526D+04	-7.016D+04	-2.814D+03	1.088D+03	-2.591D+03	9.840D+04	7.848D+04	-7.669D+04
Y	24	49	49	49	34	24	24	49		49	11	24
Y MAXIMUM	-8.987D+01	6.562D+01	-1.097D+02	-2.420D+03	-1.668D+03	2.414D+03	-8.987D+01	6.562D+01	-1.097D+02	-2.420D+03	1.608D+03	2.115D+03
Z	11	11	4	4	4	11	11	11	4	4	4	11
Z MAXIMUM	3.418D+03	-2.160D+03	2.774D+03	1.289D+05	-2.358D+05	9.326D+04	3.418D+03	-2.160D+03	2.774D+03	1.289D+05	-2.192D+05	1.062D+05
GRAND TOTAL	2.063D+04	7.777D+03	1.289D+04	4.104D+05	7.051D+05	4.134D+05	2.063D+04	7.777D+03	1.289D+04	4.104D+05	7.003D+05	4.508D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (40)

5D 04 1 556D 04

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	8	5	8	12	8	12	8	5	8
X MAXIMUM	-2.836D+03	1.079D+03	-2.650D+03	9.840D+04	7.848D+04	-7.669D+04	-2.836D+03	1.079D+03	-2.650D+03	9.840D+04	8.435D+04	-8.857D+04
Y	24	49	49	49	11	24	24	49	49	49	49	24
Y MAXIMUM	-9.165D+01	6.758D+01	-1.080D+02	-2.420D+03	1.608D+03	2.115D+03	-9.165D+01	6.758D+01	-1.080D+02	-2.420D+03	-2.714D+03	1.556D+03
Z	11	11	4	4	4	11	11	11	4	4	11	11
Z MAXIMUM	3.544D+03	-2.150D+03	2.949D+03	1.289D+05	-2.192D+05	1.062D+05	3.544D+03	-2.150D+03	2.949D+03	1.289D+05	2.157D+05	1.299D+05
GRAND TOTAL	2.097D+04	7.742D+03	1.322D+04	4.104D+05	7.003D+05	4.508D+05	2.097D+04	7.742D+03	1.322D+04	4.104D+05	7.043D+05	5.257D+05

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ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (41)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ I	PX J	VY J	VZ J	TX J	MY J	M J
X	12	8	12	8	10	10	12	8	12	8	10	10
X MAXIMUM	1.674D+03	2.084D+03	-1.811D+03	8.177D+04	-5.209D+04	1.808D+04	1.674D+03	2.084D+03	-1.811D+03	8.177D+04	-3.928D+04	2.850D+04
Y	49	49	24	24	24	24	49	49	24	24	49	24
Y MAXIMUM	9.240D+01	5.333D+01	-8.042D+01	-1.763D+03	3.434D+03	3.190D+03	9.240D+01	5.333D+01	-8.042D+01	-1.763D+03	-2.677D+03	2.71 (+03
Z	4	11	13	11	10	4	4	11	13	11	10	11
Z MAXIMUM	5.456D+03	-2.549D+03	-1.265D+03	-1.281D+05	-3.271D+04	3.201D+04	5.456D+03	-2.549D+03	-1.265D+03	-1.281D+05	-2.467D+04	3.774D+04
GRAND TOTAL	8.928D+03	1.151D+04	1.033D+04	4.918D+05	2.721D+05	1.327D+05	8.928D+03	1.151D+04	1.033D+04	4.918D+05	1.932D+05	2.254D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (42)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	10	12	10	8	8	8	10	1	1	
X MAXIMUM	2.729D+03	-1.019D+03	-1.548D+03	6.851D+03	1.135D+05	-1.014D+05	2.729D+03	-1.019D+03	-1.548D+03	6.851D+03	9.652D+04	-9.020D+04
Y	34	49	34	34	25	49	34	49	34	34	25	49
Y MAXIMUM	-3.631D+01	1.734D+01	2.374D+01	7.462D+02	-2.076D+03	2.670D+03	-3.631D+01	1.734D+01	2.374D+01	7.462D+02	-1.911D+03	2.479D+03
Z	4	8	11	4	11					1		
Z MAXIMUM	8.749D+03	-1.142D+03	-2.843D+03	-1.363D+04	2.385D+05	-1.136D+05	8.749D+03	-1.142D+03	-2.843D+03	-1.363D+04	-2.113D+05	-1.010D+05
GRAND TOTAL	1.331D+04	4.302D+03	1.153D+04	5.474D+04	8.486D+05	4.363D+05	1.331D+04	4.302D+03	1.153D+04	5.474D+04	7.575D+05	3.894D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (43)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	10	12	10	8	8	8	10	12	8	8
	+ - 0	+0 -	870D+ 3	6. 51D+03	9.652D+04-	0 + 4	D -	0 D+03-	70 +03	6. 1D	- + -	

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Y	34	49	11	34	25	49	34	49	11	34	34	49
Y MAXIMUM	-3.412D+01	2.662D+01	-2.527D+01	7.462D+02	-1.911D+03	2.479D+03	-3.412D+01	2.662D+01	-2.527D+01	7.462D+02	1.882D+03	7.490D+02
Z	4	8	11	4	4	8	4	8	11	4	4	8
Z MAXIMUM	9.542D+03	-1.193D+03	-3.386D+03	-1.363D+04	-2.113D+05	-1.010D+05	9.542D+03	-1.193D+03	-3.386D+03	-1.363D+04	-2.284D+05	-2.351D+04
GRAND TOTAL	1.486D+04	4.603D+03	1.296D+04	5.474D+04	7.575D+05	3.894D+05	1.486D+04	4.603D+03	1.296D+04	5.474D+04	3.534D+05	9.143D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (44)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	10	8	12	8	8	8	8	8	10	12	10
X MAXIMUM	3.661D+03	2.042D+03	-1.124D+03	6.851D+03	2.099D+04	-5.859D+04	3.111D+03	-2.067D+03	-1.124D+03	-3.925D+03	-4.321D+03	-5.147D+04
Y	34	25	49	34	49	34	34	25	49	34	32	34
Y MAXIMUM	-3.120D+01	-3.019D+01	3.416D+01	7.462D+02	-7.490D+02	1.882D+03	-2.593D+01	-2.371D+01	3.416D+01	5.906D+02	-4.388D+02	1.771D+03
Z	4	11	8	4	8	4	4	4	8	8	4	4
Z MAXIMUM	1.056D+04	3.699D+03	-1.259D+03	-1.363D+04	2.351D+04	-2.284D+05	7.613D+03	-7.321D+03	-1.259D+03	3.498D+03	6.996D+03	-1.665D+05
GRAND TOTAL	1.687D+04	1.396D+04	5.071D+03	5.474D+04	9.143D+04	3.534D+05	1.884D+04	1.372D+04	5.071D+03	2.556D+04	3.331D+04	4.029D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (44)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	8	10
X MAXIMUM	2.042D+03	-3.661D+03	-1.124D+03	-2.611D+03	-1.680D+04	-5.461D+04
Y	25	34	49	34	49	34
Y MAXIMUM	-3.019D+01	3.120D+01	3.416D+01	3.603D+02	8.359D+02	1.342D+03
Z	11	4	8	4	8	11
Z MAXIMUM	3.699D+03	-1.056D+04	-1.259D+03	-3.735D+03	-1.882D+04	-8.539D+04
GRAND TOTAL	1.396D+04	1.687D+04	5.071D+03	1.909D+04	8.284D+04	2.913D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (45)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	10	8	10	8	8	8	8	8
X MAXIMUM	2.091D+03	-1.132D+03	3.876D+03	-2.611D+03	-5.461D+04	1.680D+04	2.091D+03	-1.132D+03	3.876D+03	-2.611D+03	6.092D+04	3.379D+04
Y	25	49	34	34	34	49	25	49	34	34	34	49
Y MAXIMUM	-3.294D+01	3.407D+01	-2.702D+01	3.603D+02	1.342D+03	-8.359D+02	-3.294D+01	3.407D+01	-2.702D+01	3.603D+02	9.366D+02	-1.347D+03
Z	11	8	4	4	11	8	11	8	4	4	4	8
Z MAXIMUM	3.786D+03	-1.268D+03	1.098D+04	-3.735D+03	-8.539D+04	1.882D+04	3.786D+03	-1.268D+03	1.098D+04	-3.735D+03	1.537D+05	3.784D+04
GRAND TOTAL	1.435D+04	5.151D+03	1.776D+04	1.909D+04	2.913D+05	8.284D+04	1.435D+04	5.151D+03	1.776D+04	1.909D+04	3.808D+05	1.545D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (46)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	8	8	10	8	8	8	10	10
X MAXIMUM	2.186D+03	2.416D+02	-4.592D+02	-2.611D+03	6.092D+04	3.379D+04	2.186D+03	2.416D+02	-4.592D+02	-2.611D+03	-4.728D+04	-2.278D+04
Y	25	49	34	34	34	49	25	49	34	34	34	34
Y MAXIMUM	-3.828D+01	-2.631D+01	-4.847D+01	3.603D+02	9.366D+02	-1.347D+03	-3.828D+01	-2.631D+01	-4.847D+01	3.603D+02	-2.859D+03	-2.121D+03
Z	11	8	4	4	4	8	11	8	4	4	11	11
Z MAXIMUM	3.954D+03	2.706D+02	-8.817D+02	-3.735D+03	1.537D+05	3.784D+04	3.954D+03	2.706D+02	-8.817D+02	-3.735D+03	-8.496D+04	-3.923D+04
GRAND TOTAL	1.515D+04	1.941D+03	2.305D+03	1.909D+04	3.808D+05	1.545D+05	1.515D+04	1.941D+03	2.305D+03	1.909D+04	3.451D+05	1.498D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (47)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	8	8	8	10	10	10	10	8	10	10	10
X MAXIMUM	2.281D+03	3.312D+02	2.750D+02	-2.611D+03	2.278D+04	-4.728D+04	2.075D+03	-9.512D+02	2.750D+02	1.017D+04	2.093D+04	-4.295D+04
Y	25	49	49	34	34	34	25	25	49	34	34	34
Y MAXIMUM	-4.360D+01	-5.783D+00	-1.246D+01	3.603D+02	2.121D+03	-2.859D+03	-4.103D+01	1.488D+01	-1.246D+01	1.147D+03	1.836D+03	-2.883D+03
Z	11	4	8	4	11	11	11	11	8	11	11	4
Z MAXIMUM	4.122D+03	6.340D+02	3.081D+02	-3.735D+03	3.923D+04	-8.496D+04	3.761D+03	-1.690D+03	3.081D+02	1.841D+04	3.600D+04	8.024D+04
GRAND TOTAL	1.599D+04	1.372D+03	1.449D+03	1.909D+04	1.498D+05	3.451D+05	1.491D+04	5.836D+03	1.449D+03	6.818D+04	1.365D+05	3.191D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (47)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	8	10	10	10
X MAXIMUM	1.553D+03	-1.673D+03	2.750D+02	1.750D+04	1.591D+04	-3.199D+04
Y	25	25	49	34	34	34
Y MAXIMUM	-3.221D+01	2.945D+01	-1.246D+01	1.765D+03	1.271D+03	-2.859D+03
Z	11	11	8	11	11	4
Z MAXIMUM	2.828D+03	-3.001D+03	3.081D+02	3.100D+04	2.728D+04	7.772D+04
GRAND TOTAL	1.156D+04	1.108D+04	1.449D+03	1.147D+05	1.037D+05	2.595D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (48)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	10	10	10	10	10	8	10	10	8	10
X MAXIMUM	1.549D+03	2.852D+02	1.720D+03	1.750D+04	-3.199D+04	-1.591D+04	1.549D+03	2.852D+02	1.720D+03	1.750D+04	3.229D+04	-1.638D+04
Y	32	24	25	34	34	34	32	24	25	34	34	34
Y MAXIMUM	3.523D+01	-9.421D+00	-3.174D+01	1.765D+03	-2.859D+03	-1.271D+03	3.523D+01	-9.421D+00	-3.174D+01	1.765D+03	-2.551D+03	-1.147D+03
Z	11	8	11	11	4	11	11	8	11	11	4	11
Z MAXIMUM	2.831D+03	3.194D+02	3.076D+03	3.100D+04	7.772D+04	-2.728D+04	2.831D+03	3.194D+02	3.076D+03	3.100D+04	7.590D+04	-2.863D+04
GRAND TOTAL	1.159D+04	1.364D+03	1.142D+04	1.148D+05	2.595D+05	1.037D+05	1.159D+04	1.364D+03	1.142D+04	1.148D+05	1.529D+05	1.064D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (49)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	10	8	10	10	8	10	10	8	8	10	8
X MAXIMUM	1.544D+03	1.760D+03	-2.923D+02	1.750D+04	-1.638D+04	-3.229D+04	2.100D+03	1.035D+03	-2.923D+02	-1.038D+04	-2.182D+04	-3.449D+04
Y	32	25	34	34	34	34	32	34	34	34	34	34
Y MAXIMUM	4.347D+01	-3.371D+01	1.737D+01	1.765D+03	-1.147D+03	2.551D+03	4.681D+01	3.022D+01	1.737D+01	1.220D+03	-1.595D+03	2.295D+03
Z	11	11	8	11	11	4	11	11	8	11	11	4
Z MAXIMUM	2.834D+03	3.139D+03	-3.273D+02	3.100D+04	-2.863D+04	-7.590D+04	3.820D+03	1.815D+03	-3.273D+02	1.764D+04	-3.854D+04	-7.428D+04
GRAND TOTAL	1.164D+04	1.171D+04	1.325D+03	1.148D+05	1.064D+05	1.529D+05	1.521D+04	6.431D+03	1.325D+03	7.393D+04	1.407D+05	1.845D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (49)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	10	8
X MAXIMUM	2.337D+03	-2.722D+02	-2.923D+02	-9.436D+03	-2.394D+04	-3.373D+04
Y	25	34	34	34	34	34
Y MAXIMUM	-4.690D+01	2.478D+01	1.737D+01	5.443D+02	-1.801D+03	2.065D+03
Z	11	4	8	8	11	4
Z MAXIMUM	4.224D+03	-5.171D+02	-3.273D+02	-1.057D+04	-4.258D+04	-7.080D+04
GRAND TOTAL	1.648D+04	1.500D+03	1.325D+03	4.090D+04	1.540D+05	1.996D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (50)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	8	10	10	8	8	8	8	10
X MAXIMUM	2.358D+03	2.968D+02	-2.549D+02	-9.436D+03	3.373D+04	-2.394D+04	2.358D+03	2.968D+02	-2.549D+02	-9.436D+03	2.983D+04	-2.350D+04
Y	25	34	34	34	34	34	25	34	34	34	34	34
Y MAXIMUM	-4.825D+01	-2.645D+01	3.814D+01	5.444D+02	-2.065D+03	-1.801D+03	-4.825D+01	-2.645D+01	3.814D+01	5.444D+02	-1.481D+03	-1.396D+03
Z	11	8	4	8	4	11	11	8	4	8	4	11
Z MAXIMUM	4.264D+03	3.324D+02	-4.807D+02	-1.057D+04	7.080D+04	-4.258D+04	4.264D+03	3.324D+02	-4.807D+02	-1.057D+04	6.344D+04	-4.225D+04
GRAND TOTAL	1.666D+04	1.404D+03	1.700D+03	4.091D+04	1.996D+05	1.540D+05	1.666D+04	1.404D+03	1.700D+03	4.091D+04	1.901D+05	1.537D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (51)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	8	8	8	10	10	8	8	8	10	10
X MAXIMUM	2.393D+03	3.014D+02	-2.348D+02	-9.436D+03	2.983D+04	-2.350D+04	2.393D+03	3.014D+02	-2.348D+02	-9.436D+03	2.376D+04	-2.094D+04

Y	32	34	34	34	34	34	32	34	34	34	34	24
Y MAXIMUM	5.223D+01	-3.940D+01	5.782D+01	5.444D+02	-1.481D+03	-1.396D+03	5.223D+01	-3.940D+01	5.782D+01	5.444D+02	7.737D+02	5.699D+02
Z	11	8	4	8	4	11	11	8	4	8	4	11
Z MAXIMUM	4.333D+03	3.376D+02	-4.371D+02	-1.057D+04	6.344D+04	-4.225D+04	4.333D+03	3.376D+02	-4.371D+02	-1.057D+04	4.639D+04	-3.875D+04
GRAND TOTAL	1.698D+04	1.608D+03	2.036D+03	4.091D+04	1.901D+05	1.537D+05	1.698D+04	1.608D+03	2.036D+03	4.091D+04	1.819D+05	1.682D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (52)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	8	8	8	10	10	10	10	8	10	12	8
X MAXIMUM	2.440D+03	2.045D+02	-3.198D+02	-9.436D+03	1.517D+04	-2.780D+04	1.717D+03	-1.734D+03	-3.198D+02	1.274D+04	-1.376D+04	-1.693D+04
Y	32	32	34	34	34	24	25	32	34	34	34	30
Y MAXIMUM	5.987D+01	-3.080D+01	8.326D+01	5.444D+02	7.751D+02	6.678D+02	-3.924D+01	-6.411D+01	8.326D+01	1.445D+03	1.399D+03	-6.681D+02
Z	11	8	4	8	4	11	11	11	4	4	4	11
Z MAXIMUM	4.423D+03	2.290D+02	-4.708D+02	-1.057D+04	4.131D+04	-4.912D+04	3.109D+03	-3.146D+03	-4.708D+02	2.044D+04	2.809D+04	-2.153D+04
GRAND TOTAL	1.738D+04	1.421D+03	2.277D+03	4.091D+04	1.234D+05	2.164D+05	1.257D+04	1.211D+04	2.277D+03	7.790D+04	1.168D+05	1.280D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (52)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	8	10	12	10
X MAXIMUM	2.045D+02	-2.440D+03	-3.198D+02	2.009D+04	-5.845D+03	2.368D+04
Y	32	32	34	34	34	32
Y MAXIMUM	-3.080D+01	-5.987D+01	8.326D+01	2.523D+03	1.204D+03	1.537D+03
Z	8	11	4	4	11	11
Z MAXIMUM	2.290D+02	-4.423D+03	-4.708D+02	3.143D+04	5.365D+03	4.431D+04
GRAND TOTAL	1.421D+03	1.738D+04	2.277D+03	1.437D+05	4.460D+04	1.643D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (53)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	10	10	10	12	8	8	10	10	10	10
X MAXIMUM	2.045D+02	3.211D+02	-2.462D+03	2.009D+04	-2.368D+04	-5.845D+03	2.045D+02	3.211D+02	-2.462D+03	2.009D+04	-1.099D+05	1.242D+04
Y	32	34	32	34	32	34	32	34	32	34	32	34
Y MAXIMUM	-3.083D+01	-8.698D+01	-6.301D+01	2.524D+03	-1.537D+03	1.204D+03	-3.083D+01	-8.698D+01	-6.301D+01	2.524D+03	-3.742D+03	4.248D+03
Z	8	4	11	4	11	11	8	4	11	4	11	4
Z MAXIMUM	2.290D+02	4.730D+02	-4.466D+03	3.142D+04	-4.431D+04	5.365D+03	2.290D+02	4.730D+02	-4.466D+03	3.142D+04	-2.006D+05	-1.814D+04
GRAND TOTAL	1.422D+03	2.329D+03	1.758D+04	1.437D+05	1.643D+05	4.460D+04	1.422D+03	2.329D+03	1.758D+04	1.437D+05	7.601D+05	1.173D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (54)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	18	8	8	8	18	18	18	8	8	8	8
X MAXIMUM	-7.094D+02	-3.402D+02	-1.492D+03	-3.394D+04	1.317D+05	-1.439D+04	-7.094D+02	-3.402D+02	-1.492D+03	-3.394D+04	8.307D+04	-1.136D+04
Y	18	46	46	46	46	46	18	46	46	46	46	31
Y MAXIMUM	-2.115D+01	3.283D+01	-3.186D+01	5.281D+02	2.261D+03	2.207D+03	-2.115D+01	3.283D+01	-3.186D+01	5.281D+02	1.222D+03	-1.191D+03
Z	18	18	8	8	8	18	18	18	8	8	8	8
Z MAXIMUM	-8.316D+02	-3.988D+02	-1.671D+03	-3.801D+04	1.475D+05	-1.687D+04	-8.316D+02	-3.988D+02	-1.671D+03	-3.801D+04	9.304D+04	-1.273D+04
GRAND TOTAL	1.994D+03	1.361D+03	6.752D+03	1.391D+05	5.849D+05	1.004D+05	1.994D+03	1.361D+03	6.752D+03	1.391D+05	3.648D+05	5.664D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (55)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	18	8	8	8	8	18	18	8	8	8	18
X MAXIMUM	-7.088D+02	-3.329D+02	-1.459D+03	-3.394D+04	8.307D+04	-1.136D+04	-7.088D+02	-3.329D+02	-1.459D+03	-3.394D+04	2.179D+04	1.069D+04
Y	18	46	46	46	46	31	18	46	46	46	11	18
Y MAXIMUM	-2.113D+01	2.845D+01	-2.736D+01	5.281D+02	1.222D+03	-1.191D+03	-2.113D+01	2.845D+01	-2.736D+01	5.281D+02	9.133D+01	3.187D+02
Z	18	18	8	8	8	8	18	18	8	8	8	18
Z MAXIMUM	-8.310D+02	-3.903D+02	-1.634D+03	-3.801D+04	9.304D+04	-1.273D+04	-8.310D+02	-3.903D+02	-1.634D+03	-3.801D+04	2.441D+04	1.253D+04
GRAND TOTAL	1.993D+03	1.319D+03	6.574D+03	1.391D+05	3.648D+05	5.664D+04	1.993D+03	1.319D+03	6.574D+03	1.391D+05	9.565D+04	4.983D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (56)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	18	8	8	8	18	18	18	8	8	18	18
X MAXIMUM	-7.104D+02	-3.169D+02	-1.355D+03	-3.425D+04	2.179D+04	1.065D+04	-7.104D+02	-3.169D+02	-1.355D+03	-3.425D+04	-2.670D+03	1.615D+04
Y	18	46	46	46	11	18	18	46	46	46	46	18
Y MAXIMUM	-2.118D+01	1.532D+01	-1.375D+01	5.251D+02	9.133D+01	3.176D+02	-2.118D+01	1.532D+01	-1.375D+01	5.251D+02	-1.659D+02	4.815D+02
Z	18	18	8	8	8	18	18	18	8	8	18	18
Z MAXIMUM	-8.328D+02	-3.715D+02	-1.518D+03	-3.836D+04	2.441D+04	1.249D+04	-8.328D+02	-3.715D+02	-1.518D+03	-3.836D+04	-3.130D+03	1.893D+04
GRAND TOTAL	1.936D+03	1.202D+03	5.944D+03	1.407D+05	9.565D+04	4.538D+04	1.936D+03	1.202D+03	5.944D+03	1.407D+05	1.515D+04	5.657D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (57)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	18	18	8	8	18	18	18	18	8	8	8	18
X MAXIMUM	-7.039D+02	-3.027D+02	-1.225D+03	-3.373D+04	-2.670D+03	1.618D+04	-7.118D+02	2.837D+02	-1.225D+03	-3.259D+04	4.452D+03	1.635D+04
Y	18	18	31	46	46	18	18	31	31	46	46	18
Y MAXIMUM	-2.099D+01	-9.025D+00	5.461D+00	5.503D+02	-1.659D+02	4.825D+02	-2.122D+01	-1.261D+01	5.461D+00	2.846D+02	-4.757D+02	4.874D+02
Z	18	18	8	8	18	18	18	18	8	8	8	18
Z MAXIMUM	-8.253D+02	-3.548D+02	-1.372D+03	-3.778D+04	-3.130D+03	1.897D+04	-8.345D+02	3.326D+02	-1.372D+03	-3.650D+04	4.986D+03	1.917D+04
GRAND TOTAL	2.081D+03	1.087D+03	5.382D+03	1.381D+05	1.515D+04	6.304D+04	2.018D+03	1.084D+03	5.382D+03	1.407D+05	2.311D+04	6.018D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (57)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	18	8	8	8	18
X MAXIMUM	-3.027D+02	7.039D+02	-1.225D+03	-2.743D+04	8.000D+03	7.758D+03
Y	18	18	31	31	46	31
Y MAXIMUM	-9.025D+00	2.099D+01	5.461D+00	2.364D+02	-5.068D+02	3.983D+02
Z	18	18	8	8	8	18
Z MAXIMUM	-3.549D+02	8.253D+02	-1.372D+03	-3.073D+04	8.960D+03	9.095D+03
GRAND TOTAL	1.087D+03	2.081D+03	5.382D+03	1.279D+05	3.182D+04	3.620D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (58)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	18	8	8	8	18	18	18	8	8	8	12
X MAXIMUM	-3.112D+02	6.203D+02	-9.864D+02	-2.743D+04	6.688D+03	7.968D+03	-3.112D+02	6.203D+02	-9.864D+02	-2.743D+04	-4.162D+03	2.539D+03
Y	46	18	46	31	46	31	46	18	46	31	31	31
Y MAXIMUM	-1.397D+01	1.850D+01	1.415D+01	2.364D+02	-5.484D+02	3.099D+02	-1.397D+01	1.850D+01	1.415D+01	2.364D+02	4.340D+02	4.034D+02
Z	18	18	8	8	8	18	18	18	8	8	8	4
Z MAXIMUM	-3.648D+02	7.273D+02	-1.105D+03	-3.073D+04	7.490D+03	9.341D+03	-3.648D+02	7.273D+02	-1.105D+03	-3.073D+04	-4.662D+03	5.122D+03
GRAND TOTAL	1.048D+03	2.630D+03	4.657D+03	1.279D+05	2.710D+04	3.976D+04	1.048D+03	2.630D+03	4.657D+03	1.279D+05	2.704D+04	1.862D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (59)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	18	8	18	8	12	8	8	8	18	8	8	8
X MAXIMUM	-3.197D+02	-8.092D+02	-5.590D+02	-2.743D+04	2.539D+03	4.162D+03	-5.755D+02	-5.690D+02	-5.590D+02	-1.867D+04	2.285D+04	1.615D+04
Y	46	46	18	31	31	31	18	46	18	31	31	31
Y MAXIMUM	-2.881D+01	2.140D+01	-1.667D+01	2.364D+02	4.034D+02	-4.340D+02	-1.208D+01	3.550D+01	-1.667D+01	4.957D+02	2.227D+02	-3.899D+02
Z	18	8	18	8	4	8	8	8	18	8	8	8
Z MAXIMUM	-3.748D+02	-9.064D+02	-6.553D+02	-3.073D+04	5.122D+03	4.662D+03	-6.445D+02	-6.373D+02	-6.553D+02	-2.091D+04	2.559D+04	1.809D+04
GRAND TOTAL	1.025D+03	3.844D+03	2.249D+03	1.279D+05	1.862D+04	2.704D+04	3.360D+03	2.317D+03	2.249D+03	8.757D+04	1.099D+05	7.733D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (59)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	18	18	8	8
X MAXIMUM	-8.092D+02	3.197D+02	-5.590D+02	-1.059D+04	3.400D+04	2.106D+04

Y	46	46	18	31	18	46
Y MAXIMUM	2.140D+01	2.881D+01	-1.667D+01	5.514D+02	-2.109D+02	-6.616D+02
Z	8	18	18	18	8	8
Z MAXIMUM	-9.064D+02	3.748D+02	-6.553D+02	-1.242D+04	3.808D+04	2.359D+04
GRAND TOTAL	3.844D+03	1.025D+03	2.249D+03	4.604D+04	1.528D+05	8.890D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (60)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	18	18	8	8	8	18	18	18	8	8
X MAXIMUM	-6.075D+02	-3.267D+02	4.431D+02	-1.059D+04	-3.400D+04	-2.106D+04	-6.075D+02	-3.267D+02	4.431D+02	-1.059D+04	-3.620D+04	-2.108D+04
Y	46	46	18	31	18	46	46	46	18	31	18	46
Y MAXIMUM	2.069D+01	-3.606D+01	1.321D+01	5.514D+02	2.109D+02	6.616D+02	2.069D+01	-3.606D+01	1.321D+01	5.514D+02	3.562D+02	1.058D+03
Z	8	18	18	18	8	8	8	18	18	18	8	8
Z MAXIMUM	-6.804D+02	-3.830D+02	5.194D+02	-1.242D+04	-3.808D+04	-2.359D+04	-6.804D+02	-3.830D+02	5.194D+02	-1.242D+04	-4.054D+04	-2.361D+04
GRAND TOTAL	2.918D+03	1.054D+03	1.624D+03	4.604D+04	1.528D+05	8.890D+04	2.918D+03	1.054D+03	1.624D+03	4.604D+04	1.672D+05	8.867D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (61)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	12	20	8	8	8	18	12	20	8	8
X MAXIMUM	-6.361D+01	4.702D+01	-3.999D+01	1.290D+03	-1.008D+04	9.033D+03	-6.361D+01	4.702D+01	-3.999D+01	1.290D+03	-1.031D+04	8.828D+03
Y	31	31	2	14	31	18	31	31	2	14	31	18
Y MAXIMUM	-2.615D+01	2.617D+00	-1.306D+00	-1.779D+02	-1.878D+02	-1.804D+02	-2.615D+01	2.617D+00	-1.306D+00	-1.779D+02	-1.931D+02	-1.935D+02
Z	8	18	11	8	8	8	8	18	11	8	8	8
Z MAXIMUM	-7.125D+01	5.513D+01	-3.501D+01	-1.370D+03	-1.129D+04	1.012D+04	-7.125D+01	5.513D+01	-3.501D+01	-1.370D+03	-1.155D+04	9.888D+03
GRAND TOTAL	4.879D+02	2.613D+02	2.885D+02	1.015D+04	4.479D+04	4.365D+04	4.879D+02	2.613D+02	2.885D+02	1.015D+04	4.627D+04	4.367D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (62)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	18	18	8	8	8	18	18	18	8	8
X MAXIMUM	-4.682D+02	-3.103D+02	3.308D+02	-4.544D+03	-3.497D+04	-1.101D+04	-4.682D+02	-3.103D+02	3.308D+02	-4.544D+03	-3.671D+04	-1.175D+04
Y	46	46	18	31	18	46	46	46	18	31	18	46
Y MAXIMUM	1.971D+01	-5.734D+01	9.862D+00	4.091D+02	3.505D+02	8.989D+02	1.971D+01	-5.734D+01	9.862D+00	4.091D+02	4.589D+02	1.530D+03
Z	8	18	18	4	8	8	8	18	18	4	8	8
Z MAXIMUM	-5.244D+02	-3.637D+02	3.878D+02	8.900D+03	-3.917D+04	-1.233D+04	-5.244D+02	-3.637D+02	3.878D+02	8.900D+03	-4.111D+04	-1.316D+04
GRAND TOTAL	2.189D+03	1.286D+03	1.280D+03	3.318D+04	1.656D+05	4.817D+04	2.189D+03	1.286D+03	1.280D+03	3.318D+04	1.757D+05	5.633D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (63)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	18	18	8	8	8	18	18	18	8	8
X MAXIMUM	-3.869D+02	-3.108D+02	2.848D+02	-4.544D+03	-3.671D+04	-1.175D+04	-3.869D+02	-3.108D+02	2.848D+02	-4.544D+03	-3.744D+04	-1.220D+04
Y	46	46	18	31	18	46	46	46	18	31	18	46
Y MAXIMUM	1.942D+01	-5.793D+01	8.491D+00	4.091D+02	4.589D+02	1.530D+03	1.942D+01	-5.793D+01	8.491D+00	4.091D+02	5.141D+02	1.906D+03
Z	8	18	18	4	8	8	8	18	18	4	8	8
Z MAXIMUM	-4.334D+02	-3.644D+02	3.339D+02	8.900D+03	-4.111D+04	-1.316D+04	-4.334D+02	-3.644D+02	3.339D+02	8.900D+03	-4.193D+04	-1.366D+04
GRAND TOTAL	1.818D+03	1.290D+03	1.098D+03	3.318D+04	1.757D+05	5.633D+04	1.818D+03	1.290D+03	1.098D+03	3.318D+04	1.800D+05	6.168D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (64)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	18	8	8	8	8	8	18	12	18
X MAXIMUM	4.059D+02	-8.115D+01	3.249D+02	-4.544D+03	-3.744D+04	-1.220D+04	4.059D+02	-8.115D+01	3.249D+02	-4.544D+03	1.635D+04	-2.356D+03
Y	46	31	40	31	18	46	46	31	40	31	40	31
Y MAXIMUM	1.651D+01	2.321D+01	5.403D+00	4.091D+02	5.141D+02	1.906D+03	1.651D+01	2.321D+01	5.403D+00	4.091D+02	8.061D+02	-4.419D+03
Z	8	8	8	4	8	8	8	8	8	4	11	18
Z MAXIMUM	4.546D+02	-9.089D+01	3.638D+02	8.900D+03	-4.193D+04	-1.366D+04	4.546D+02	-9.089D+01	3.638D+02	8.900D+03	1.970D+04	-2.762D+03
GRAND TOTAL	3.050D+03	4.857D+02	1.939D+03	3.318D+04	1.800D+05	6.168D+04	3.050D+03	4.857D+02	1.939D+03	3.318D+04	1.428D+05	2.152D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (65)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	12	18	12	18	8	8	12	18	12	8
X MAXIMUM	1.556D+03	-6.876D+01	-4.343D+02	-4.544D+03	1.635D+04	-2.356D+03	1.556D+03	-6.876D+01	-4.343D+02	-4.544D+03	-2.014D+04	6.898D+03
Y	40	31	40	31	40	31	40	31	40	31	40	31
Y MAXIMUM	-1.772D+01	-1.203D+02	-2.244D+01	4.091D+02	8.061D+02	-4.419D+03	-1.772D+01	-1.203D+02	-2.244D+01	4.091D+02	-1.079D+03	5.687D+03
Z	8	4	4	4	11	18	8	4	4	4	4	4
Z MAXIMUM	1.743D+03	1.269D+02	-7.498D+02	8.900D+03	1.970D+04	-2.762D+03	1.743D+03	1.269D+02	-7.498D+02	8.900D+03	-4.620D+04	-1.062D+04
GRAND TOTAL	8.506D+03	6.244D+02	2.469D+03	3.318D+04	1.428D+05	2.152D+04	8.506D+03	6.244D+02	2.469D+03	3.318D+04	1.545D+05	4.196D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (66)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	12	8	18	8	12	8	12	8	8	8	12
X MAXIMUM	2.231D+03	3.381D+02	-5.739D+01	-4.544D+03	-6.898D+03	-2.014D+04	2.238D+03	2.456D+02	-5.739D+01	-4.745D+03	-8.339D+03	-2.921D+04
Y	40	23	46	31	31	40	40	18	46	18	31	40
Y MAXIMUM	-2.156D+01	3.393D+00	-3.486D+00	4.091D+02	-5.687D+03	-1.079D+03	-2.168D+01	-2.440D+00	-3.486D+00	-1.322D+02	-5.696D+03	-1.030D+03
Z	8	4	4	4	4	4	8	4	4	4	4	4
Z MAXIMUM	2.499D+03	5.622D+02	1.212D+02	8.900D+03	1.062D+04	-4.620D+04	2.506D+03	6.101D+02	1.212D+02	9.840D+03	1.366D+04	-6.443D+04
GRAND TOTAL	1.171D+04	1.982D+03	4.023D+02	3.318D+04	4.196D+04	1.545D+05	1.181D+04	1.405D+03	4.023D+02	3.549D+04	5.192D+04	1.884D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (66)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	12
X MAXIMUM	2.230D+03	-1.787D+02	-5.739D+01	-5.444D+03	-9.730D+03	-3.539D+04
Y	40	18	46	31	31	40
Y MAXIMUM	-2.167D+01	-2.414D+00	-3.486D+00	-4.712D+02	-5.671D+03	-1.034D+03
Z	8	4	4	4	4	4
Z MAXIMUM	2.498D+03	6.544D+02	1.212D+02	1.101D+04	1.663D+04	-8.410D+04
GRAND TOTAL	1.185D+04	1.351D+03	4.023D+02	3.919D+04	6.163D+04	2.225D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (67)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	18	12	8	8	12	8	8	12	8	8	12
X MAXIMUM	2.826D+03	-1.815D+02	5.177D+01	-5.444D+03	-9.730D+03	-3.539D+04	2.809D+03	-3.212D+02	5.177D+01	-6.260D+03	-1.086D+04	-3.539D+04
Y	40	40	31	31	31	40	40	40	31	31	31	40
Y MAXIMUM	-2.819D+01	-1.779D+01	1.082D+02	-4.712D+02	-5.671D+03	-1.034D+03	-2.951D+01	-1.550D+01	1.082D+02	-7.822D+02	-2.172D+03	-5.034D+02
Z	8	4	4	4	4	4	8	4	4	4	4	4
Z MAXIMUM	3.165D+03	5.132D+02	1.195D+02	1.101D+04	1.663D+04	-8.410D+04	3.147D+03	5.727D+02	1.195D+02	1.245D+04	1.951D+04	-1.014D+05
GRAND TOTAL	1.464D+04	1.338D+03	5.272D+02	3.919D+04	6.163D+04	2.225D+05	1.455D+04	2.074D+03	5.272D+02	4.371D+04	6.630D+04	2.241D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (67)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	12	8	8	8
X MAXIMUM	2.775D+03	-5.427D+02	5.177D+01	-7.164D+03	-1.193D+04	3.520D+04
Y	40	40	31	31	31	13
Y MAXIMUM	-3.065D+01	-1.311D+01	1.082D+02	-8.152D+02	1.341D+03	-2.598D+02
Z	8	4	4	4	4	4
Z MAXIMUM	3.108D+03	6.287D+02	1.195D+02	1.410D+04	2.227D+04	-1.206D+05
GRAND TOTAL	1.440D+04	3.167D+03	5.272D+02	4.857D+04	7.444D+04	2.461D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (68)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	12	8	8	8	8	8	12	8	8	8
X MAXIMUM	-5.426D+03	-5.551D+02	5.050D+01	-7.164D+03	-1.193D+04	3.520D+04	-5.434D+03	-4.777D+02	5.050D+01	-7.336D+03	-1.210D+04	3.816D+04

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Y                    40        23        31        31        31        13        40        23        31        31        31        13
Y MAXIMUM  -1.813D+01-1.493D+01 1.281D+02-8.152D+02 1.341D+03-2.598D+02-1.829D+01-1.517D+01 1.281D+02-7.907D+02 2.087D+03-2.541D+02
Z                     8         4         4         4         4         4         8         4         4         4         4         4
Z MAXIMUM  -6.078D+03 6.782D+02 1.187D+02 1.410D+04 2.227D+04-1.206D+05-6.086D+03 6.249D+02 1.187D+02 1.442D+04 2.275D+04-1.243D+05
GRAND TOTAL 2.044D+04 3.300D+03 5.566D+02 4.856D+04 7.444D+04 2.461D+05 2.047D+04 3.026D+03 5.566D+02 4.947D+04 7.696D+04 2.551D+05

ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  68)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
X                     8         8        12         8         8         8
X MAXIMUM  -5.440D+03-4.002D+02 5.050D+01-7.509D+03-1.227D+04 4.068D+04
Y                    40        23        31        31        31        23
Y MAXIMUM  -1.844D+01-1.540D+01 1.281D+02-7.557D+02 2.833D+03 2.623D+02
Z                     8         4         4         4         4         4
Z MAXIMUM  -6.093D+03 5.716D+02 1.187D+02 1.475D+04 2.322D+04-1.277D+05
GRAND TOTAL 2.050D+04 2.753D+03 5.566D+02 5.038D+04 7.948D+04 2.639D+05

ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  69)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
X                     8        12        12         8         8         8         8        12        12         8         8         8
X MAXIMUM  -5.308D+03-1.170D+03 5.017D+01-7.509D+03-1.227D+04 4.068D+04-5.301D+03-1.157D+03 5.017D+01-7.762D+03-1.250D+04 3.800D+04
Y                    40        40        31        31        31        23        40        40        31        31        31        40
Y MAXIMUM  -2.011D+01-2.589D+01 1.323D+02-7.557D+02 2.833D+03 2.623D+02-2.063D+01-2.547D+01 1.323D+02-6.866D+02 3.933D+03 2.904D+02
Z                     8         4         4         4         4         4         8         4         4         4         4         4
Z MAXIMUM  -5.945D+03-2.357D+03 1.185D+02 1.475D+04 2.322D+04-1.277D+05-5.937D+03-2.432D+03 1.185D+02 1.523D+04 2.388D+04-1.081D+05
GRAND TOTAL 1.991D+04 5.924D+03 5.625D+02 5.038D+04 7.948D+04 2.639D+05 1.995D+04 6.084D+03 5.625D+02 5.171D+04 8.313D+04 2.170D+05

ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  69)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
X                     8        12        12         8         8         8
X MAXIMUM  -5.292D+03-1.144D+03 5.017D+01-8.020D+03-1.273D+04 3.443D+04
Y                    40        40        31        31        31        40
Y MAXIMUM  -2.114D+01-2.505D+01 1.323D+02-5.952D+02 5.031D+03 4.976D+02
Z                     8         4         4         4         4         4
Z MAXIMUM  -5.927D+03-2.506D+03 1.185D+02 1.573D+04 2.454D+04-8.783D+04
GRAND TOTAL 1.998D+04 6.267D+03 5.625D+02 5.307D+04 8.677D+04 1.698D+05

ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  70)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
X                     8        12        12         8         8         8         8        12        12         8         8        12
X MAXIMUM  -4.825D+03-9.936D+02-3.226D+01-8.020D+03-1.273D+04 3.443D+04-4.758D+03-9.415D+02-3.226D+01-9.230D+03-1.093D+04 2.851D+04
Y                    40        40        31        31        31        40        40        40        31        31        31        40
Y MAXIMUM  -2.665D+01-1.409D+01-3.661D+01-5.952D+02 5.031D+03 4.976D+02-2.795D+01-1.130D+01-3.661D+01-1.557D+02 3.564D+03 1.020D+03
Z                     8         4        11         4         4         4         8         4        11         4         4        13
Z MAXIMUM  -5.404D+03-2.296D+03-3.862D+01 1.573D+04 2.454D+04-8.783D+04-5.329D+03-2.633D+03-3.862D+01 1.818D+04 2.339D+04 2.101D+04
GRAND TOTAL 1.789D+04 5.372D+03 3.278D+02 5.307D+04 8.677D+04 1.698D+05 1.792D+04 6.224D+03 3.278D+02 5.954D+04 7.217D+04 1.172D+05

ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  70)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
X                     8         8        12         8         8        12
X MAXIMUM  -4.641D+03 1.384D+03-3.226D+01-1.025D+04-9.017D+03 6.595D+04
Y                    40        40        31        31        31        40
Y MAXIMUM  -2.895D+01-8.389D+00-3.661D+01 1.319D+02 2.060D+03 1.424D+03
Z                     8         4        11         4         4         4
Z MAXIMUM  -5.198D+03-2.943D+03-3.862D+01 2.050D+04 2.199D+04 1.281D+05
GRAND TOTAL 1.776D+04 7.055D+03 3.278D+02 6.523D+04 5.721D+04 3.495D+05
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ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (71)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	18	8	8	12	8	8	18	8	8	8
X MAXIMUM	-3.969D+03	8.937D+02	-3.033D+01	-1.025D+04	-9.017D+03	6.595D+04	-3.876D+03	1.238D+03	-3.033D+01	-1.099D+04	-7.731D+03	-7.730D+04
Y	40	40	31	31	31	40	40	40	31	31	31	13
Y MAXIMUM	-3.106D+01	2.666D+01	-6.374D+01	1.319D+02	2.060D+03	1.424D+03	-2.861D+01	2.928D+01	-6.374D+01	2.134D+02	-2.057D+02	6.155D+02
Z	8	4	18	4	4	4	8	4	18	4	4	4
Z MAXIMUM	-4.446D+03	-1.816D+03	-3.555D+01	2.050D+04	2.199D+04	1.281D+05	-4.341D+03	-2.051D+03	-3.555D+01	2.238D+04	2.092D+04	1.964D+05
GRAND TOTAL	1.438D+04	4.028D+03	3.020D+02	6.523D+04	5.721D+04	3.495D+05	1.408D+04	5.147D+03	3.020D+02	6.934D+04	4.656D+04	4.798D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (71)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	18	8	8	8
X MAXIMUM	-3.752D+03	1.573D+03	-3.033D+01	-1.161D+04	-6.385D+03	-1.269D+05
Y	40	40	31	40	31	13
Y MAXIMUM	-2.593D+01	3.168D+01	-6.374D+01	-1.308D+02	-2.470D+03	6.794D+02
Z	8	4	18	4	4	4
Z MAXIMUM	-4.203D+03	-2.271D+03	-3.555D+01	2.416D+04	1.968D+04	2.727D+05
GRAND TOTAL	1.367D+04	6.242D+03	3.020D+02	7.280D+04	4.088D+04	6.507D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (72)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-3.382D+03	-2.464D+03	-1.250D+03	-1.178D+04	-1.388D+05	2.889D+04	-3.382D+03	-2.464D+03	-1.250D+03	-1.178D+04	-1.444D+05	3.982D+04
Y	40	28	40	40	40	31	40	28	40	40	40	31
Y MAXIMUM	-2.368D+01	-2.726D+01	-4.023D+01	-1.326D+02	-1.000D+03	2.225D+03	-2.368D+01	-2.726D+01	-4.023D+01	-1.326D+02	-1.179D+03	2.106D+03
Z	8	8	4	4	4	8	8	8	4	4	4	8
Z MAXIMUM	-3.788D+03	-2.759D+03	1.481D+03	2.447D+04	2.874D+05	3.235D+04	-3.788D+03	-2.759D+03	1.481D+03	2.447D+04	2.939D+05	4.460D+04
GRAND TOTAL	1.168D+04	7.737D+03	5.089D+03	7.346D+04	6.885D+05	8.824D+04	1.168D+04	7.737D+03	5.089D+03	7.346D+04	7.058D+05	1.214D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (73)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	8	8	8	12	12	8	8	8	12	8
X MAXIMUM	4.288D+03	-2.450D+03	3.733D+03	1.136D+05	-8.783D+04	-8.287D+04	4.288D+03	-2.450D+03	3.733D+03	1.136D+05	-1.274D+05	1.260D+05
Y	28	31	13	40	40	24	28	31	13	40	11	24
Y MAXIMUM	4.942D+01	4.150D+01	-2.875D+01	1.591D+03	-1.560D+03	-1.063D+03	4.942D+01	4.150D+01	-2.875D+01	1.591D+03	-1.339D+03	-1.541D+03
Z	11	8	4	4	4	11	11	8	4	4	4	8
Z MAXIMUM	3.879D+03	-2.744D+03	-9.819D+03	-2.548D+05	1.325D+05	-9.354D+04	3.879D+03	-2.744D+03	-9.819D+03	-2.548D+05	-2.505D+05	1.411D+05
GRAND TOTAL	1.886D+04	7.974D+03	2.588D+04	6.592D+05	4.347D+05	4.423D+05	1.886D+04	7.974D+03	2.588D+04	6.592D+05	7.967D+05	5.808D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (74)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	8	12	8	12	8	12	8	12	8
X MAXIMUM	4.591D+03	3.998D+03	-5.293D+03	1.136D+05	-1.274D+05	1.260D+05	4.591D+03	3.998D+03	-5.293D+03	1.136D+05	-1.751D+05	9.003D+04
Y	28	30	13	40	11	24	28	30	13	40	13	24
Y MAXIMUM	5.222D+01	3.057D+01	-4.406D+01	1.591D+03	-1.339D+03	-1.541D+03	5.222D+01	3.057D+01	-4.406D+01	1.591D+03	-1.394D+03	-1.289D+03
Z	11	4	4	4	4	8	11	4	4	4	4	8
Z MAXIMUM	4.211D+03	-4.729D+03	4.889D+03	-2.548D+05	-2.505D+05	1.411D+05	4.211D+03	-4.729D+03	4.889D+03	-2.548D+05	-2.065D+05	1.008D+05
GRAND TOTAL	2.065D+04	1.809D+04	2.162D+04	6.592D+05	7.967D+05	5.808D+05	2.065D+04	1.809D+04	2.162D+04	6.592D+05	9.392D+05	4.245D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (75)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	12	8	8	8	12	12	8	8	12	8	12
X MAXIMUM	4.856D+03	5.170D+03	3.991D+03	1.136D+05	-9.003D+04	-1.751D+05	7.090D+03	-3.296D+03	3.991D+03	-4.241D+04	-8.469D+04	-2.220D+05

Y	28	13	30	40	24	13	13	28	30	40	40	13
Y MAXIMUM	5.465D+01	4.296D+01	3.015D+01	1.591D+03	1.289D+03	-1.394D+03	5.803D+01	-2.764D+01	3.015D+01	1.150D+03	-8.506D+02	-1.791D+03
Z	11	4	4	4	8	4	13	4	4	4	4	11
Z MAXIMUM	4.502D+03	-4.540D+03	-4.724D+03	-2.548D+05	-1.008D+05	-2.065D+05	5.182D+03	-5.760D+03	-4.724D+03	-1.738D+05	1.455D+05	-1.659D+05
GRAND TOTAL	2.229D+04	2.115D+04	1.804D+04	6.592D+05	4.245D+05	9.392D+05	2.438D+04	1.548D+04	1.804D+04	3.160D+05	4.801D+05	1.121D+06

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (75)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	8	10	7	12
X MAXIMUM	5.170D+03	-4.856D+03	3.991D+03	2.338D+04	4.444D+04	-1.816D+05
Y	13	28	30	24	40	13
Y MAXIMUM	4.296D+01	-5.465D+01	3.015D+01	7.090D+02	-9.869D+02	-1.475D+03
Z	4	11	4	4	4	8
Z MAXIMUM	-4.540D+03	-4.502D+03	-4.724D+03	-4.909D+04	1.556D+05	2.020D+05
GRAND TOTAL	2.115D+04	2.229D+04	1.804D+04	1.341D+05	3.010D+05	1.024D+06

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (76)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	10	12	7	12	8	12	10	8	7
X MAXIMUM	5.024D+03	3.979D+03	5.112D+03	2.338D+04	-1.816D+05	-4.444D+04	5.024D+03	3.979D+03	5.112D+03	2.338D+04	1.976D+05	-3.902D+04
Y	13	39	28	24	13	40	13	39	28	24	13	34
Y MAXIMUM	4.164D+01	2.936D+01	5.615D+01	7.090D+02	-1.475D+03	9.869D+02	4.164D+01	2.936D+01	5.615D+01	7.090D+02	-1.145D+03	9.815D+02
Z	4	4	11	4	8	4	4	4	11	4	8	4
Z MAXIMUM	-4.250D+03	-4.722D+03	4.711D+03	-4.909D+04	2.020D+05	-1.556D+05	-4.250D+03	-4.722D+03	4.711D+03	-4.909D+04	2.213D+05	-1.178D+05
GRAND TOTAL	2.056D+04	1.795D+04	2.367D+04	1.341D+05	1.024D+06	3.010D+05	2.056D+04	1.795D+04	2.367D+04	1.341D+05	9.072D+05	2.019D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (77)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	8	8	12	8	7	7	10	8
X MAXIMUM	-4.663D+02	-3.853D+02	-1.016D+03	-4.508D+04	1.487D+04	-5.222D+03	-4.663D+02	-3.853D+02	-1.016D+03	-4.508D+04	1.018D+04	-2.525D+03
Y	28	28	6	6	11	28	28	28	6	6	11	28
Y MAXIMUM	5.097D+01	4.439D+01	-7.664D+00	-3.443D+02	1.369D+02	2.309D+02	5.097D+01	4.439D+01	-7.664D+00	-3.443D+02	9.637D+01	-7.982D+01
Z	8	8	8	8	11	8	8	8	8	8	11	11
Z MAXIMUM	-3.943D+02	-4.315D+02	-9.809D+02	-3.558D+04	1.835D+04	-5.849D+03	-3.943D+02	-4.315D+02	-9.809D+02	-3.558D+04	1.291D+04	2.884D+03
GRAND TOTAL	2.695D+03	2.186D+03	5.854D+03	2.138D+05	9.815D+04	1.705D+04	2.695D+03	2.186D+03	5.854D+03	2.138D+05	5.750D+04	1.587D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (78)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	10	8	12	8	7	7	10	12
X MAXIMUM	-4.614D+02	-3.855D+02	-1.015D+03	-4.508D+04	1.018D+04	-2.525D+03	-4.614D+02	-3.855D+02	-1.015D+03	-4.508D+04	8.207D+03	3.026D+03
Y	28	28	6	6	11	28	28	28	6	6	11	28
Y MAXIMUM	5.099D+01	4.435D+01	-7.653D+00	-3.443D+02	9.637D+01	-7.982D+01	5.099D+01	4.435D+01	-7.653D+00	-3.443D+02	7.889D+01	-2.129D+02
Z	8	8	8	8	11	11	8	8	8	8	11	11
Z MAXIMUM	-3.891D+02	-4.318D+02	-9.819D+02	-3.558D+04	1.291D+04	2.884D+03	-3.891D+02	-4.318D+02	-9.819D+02	-3.558D+04	1.057D+04	3.493D+03
GRAND TOTAL	2.667D+03	2.186D+03	5.867D+03	2.138D+05	5.750D+04	1.587D+04	2.667D+03	2.186D+03	5.867D+03	2.138D+05	4.173D+04	1.706D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (79)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	10	12	12	8	7	7	10	12
X MAXIMUM	-4.576D+02	-3.857D+02	-1.014D+03	-4.508D+04	8.207D+03	3.026D+03	-4.576D+02	-3.857D+02	-1.014D+03	-4.508D+04	5.072D+03	4.556D+03
Y	28	28	6	6	11	28	28	28	6	6	11	28
Y MAXIMUM	5.100D+01	4.431D+01	-7.643D+00	-3.443D+02	7.889D+01	-2.129D+02	5.100D+01	4.431D+01	-7.643D+00	-3.443D+02	5.111D+01	-4.233D+02
Z	8	8	8	8	11	11	8	8	8	8	4	11
Z MAXIMUM	-3.851D+02	-4.320D+02	-9.825D+02	-3.558D+04	1.057D+04	3.493D+03	-3.851D+02	-4.320D+02	-9.825D+02	-3.558D+04	8.243D+03	4.455D+03
GRAND TOTAL	2.646D+03	2.185D+03	5.876D+03	2.138D+05	4.173D+04	1.706D+04	2.646D+03	2.185D+03	5.876D+03	2.138D+05	2.928D+04	2.155D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (80)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	7	8	12	8	7	7	7	8
X MAXIMUM	-2.392D+01	-3.626D+02	6.526D+02	-1.392D+02	-6.107D+03	-3.495D+03	-2.392D+01	-3.626D+02	6.526D+02	-1.392D+02	-4.394D+03	-2.543D+03
Y	13	28	6	34	6	28	13	28	6	34	6	28
Y MAXIMUM	-1.970D-01	4.486D+01	5.089D+00	1.223D+00	-4.763D+01	4.211D+02	-1.970D-01	4.486D+01	5.089D+00	1.223D+00	-3.427D+01	3.033D+02
Z	8	8	4	8	4	8	8	8	4	8	4	8
Z MAXIMUM	-2.588D+01	-4.062D+02	-6.308D+02	-1.367D+02	5.925D+03	-3.914D+03	-2.588D+01	-4.062D+02	-6.308D+02	-1.367D+02	4.269D+03	-2.848D+03
GRAND TOTAL	1.387D+02	2.126D+03	2.483D+03	8.795D+02	2.330D+04	2.048D+04	1.387D+02	2.126D+03	2.483D+03	8.795D+02	1.678D+04	1.490D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (81)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	7	8	12	8	7	7	7	8
X MAXIMUM	-2.099D+01	-3.627D+02	6.542D+02	-1.392D+02	-4.394D+03	-2.543D+03	-2.099D+01	-3.627D+02	6.542D+02	-1.392D+02	-2.187D+03	-1.319D+03
Y	13	28	6	34	6	28	13	28	6	34	6	28
Y MAXIMUM	-1.730D-01	4.488D+01	5.101D+00	1.223D+00	-3.427D+01	3.033D+02	-1.730D-01	4.488D+01	5.101D+00	1.223D+00	-1.706D+01	1.519D+02
Z	8	8	4	8	4	8	8	8	4	8	4	8
Z MAXIMUM	-2.277D+01	-4.063D+02	-6.327D+02	-1.367D+02	4.269D+03	-2.848D+03	-2.277D+01	-4.063D+02	-6.327D+02	-1.367D+02	2.134D+03	-1.477D+03
GRAND TOTAL	1.219D+02	2.126D+03	2.491D+03	8.795D+02	1.678D+04	1.490D+04	1.219D+02	2.126D+03	2.491D+03	8.795D+02	8.376D+03	7.725D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (82)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	6	7	8	12	8	7	6	7	8
X MAXIMUM	-9.080D+00	-3.628D+02	6.444D+02	1.164D-10	-2.157D+03	-1.225D+03	-9.080D+00	-3.628D+02	6.444D+02	1.164D-10	1.724D+01	-1.045D+00
Y	13	28	6	6	6	28	13	28	6	6	28	28
Y MAXIMUM	-7.470D-02	4.490D+01	5.028D+00	1.137D-12	-1.684D+01	1.517D+02	-7.470D-02	4.490D+01	5.028D+00	1.137D-12	-2.378D-01	1.589D-01
Z	8	8	4	7	4	8	8	8	4	7	7	8
Z MAXIMUM	-9.658D+00	-4.063D+02	-6.324D+02	1.019D-10	2.128D+03	-1.372D+03	-9.658D+00	-4.063D+02	-6.324D+02	1.019D-10	1.208D+01	-1.170D+00
GRAND TOTAL	5.240D+01	2.126D+03	2.483D+03	4.678D-10	8.331D+03	7.178D+03	5.240D+01	2.126D+03	2.483D+03	4.678D-10	7.421D+01	5.610D+00

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (83)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	7	8	12	8	7	7	7	8
X MAXIMUM	8.671D-02	1.330D+01	-9.637D+00	2.930D+01	1.133D+02	1.526D+02	8.671D-02	1.330D+01	-9.637D+00	2.930D+01	8.802D+01	1.177D+02
Y	28	11	25	34	25	11	28	11	25	34	25	11
Y MAXIMUM	1.374D-02	8.556D-02	-8.853D-02	-2.516D-01	1.005D+00	9.749D-01	1.374D-02	8.556D-02	-8.853D-02	-2.516D-01	7.729D-01	7.503D-01
Z	11	8	7	8	7	8	11	8	7	8	7	8
Z MAXIMUM	7.599D-02	1.490D+01	-6.751D+00	2.861D+01	7.939D+01	1.709D+02	7.599D-02	1.490D+01	-6.751D+00	2.861D+01	6.167D+01	1.318D+02
GRAND TOTAL	4.436D-01	7.249D+01	5.134D+01	1.838D+02	6.008D+02	8.349D+02	4.436D-01	7.249D+01	5.134D+01	1.838D+02	4.661D+02	6.446D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (84)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	7	8	12	8	7	7	8	7
X MAXIMUM	-3.717D+00	-1.370D-01	-2.261D+00	3.547D-11	1.724D+01	-1.045D+00	-3.717D+00	-1.370D-01	-2.261D+00	3.547D-11	-4.184D-11	2.910D-11
Y	13	28	28	6	28	28	13	28	28	6	10	30
Y MAXIMUM	-3.058D-02	2.083D-02	3.119D-02	3.979D-13	-2.378D-01	1.589D-01	-3.058D-02	2.083D-02	3.119D-02	3.979D-13	-2.274D-13	-1.634D-13
Z	8	8	7	6	7	8	8	8	7	6	4	8
Z MAXIMUM	-3.954D+00	-1.535D-01	-1.584D+00	2.638D-11	1.208D+01	-1.170D+00	-3.954D+00	-1.535D-01	-1.584D+00	2.638D-11	4.366D-11	-2.910D-11
GRAND TOTAL	2.145D+01	7.358D-01	9.732D+00	1.559D-10	7.421D+01	5.610D+00	2.145D+01	7.358D-01	9.732D+00	1.559D-10	1.638D-10	1.126D-10

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (85)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	7	8	12	8	7	7	7	8
X MAXIMUM	8.637D-02	1.287D+01	-9.588D+00	2.930D+01	8.802D+01	1.177D+02	8.637D-02	1.287D+01	-9.588D+00	2.930D+01	3.649D+01	4.854D+01

Y	28	11	25	34	25	11	28	11	25	34	25	11
Y MAXIMUM	1.208D-02	8.207D-02	-8.468D-02	-2.516D-01	7.729D-01	7.503D-01	1.208D-02	8.207D-02	-8.468D-02	-2.516D-01	3.178D-01	3.092D-01
Z	11	8	7	8	7	8	11	8	7	8	7	8
Z MAXIMUM	7.086D-02	1.441D+01	-6.718D+00	2.861D+01	6.167D+01	1.318D+02	7.086D-02	1.441D+01	-6.718D+00	2.861D+01	2.556D+01	5.437D+01
GRAND TOTAL	4.366D-01	7.040D+01	5.081D+01	1.838D+02	4.661D+02	6.446D+02	4.366D-01	7.040D+01	5.081D+01	1.838D+02	1.930D+02	2.662D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (86)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	10	8	8	12	8	12	10	8	8
X MAXIMUM	5.090D+03	4.361D+03	5.698D+03	2.402D+04	1.827D+05	2.968D+04	5.090D+03	4.361D+03	5.698D+03	2.402D+04	2.137D+05	-2.210D+04
Y	13	30	13	24	13	28	13	30	13	24	13	34
Y MAXIMUM	4.238D+01	5.012D+01	4.600D+01	7.479D+02	-1.113D+03	-9.724D+02	4.238D+01	5.012D+01	4.600D+01	7.479D+02	-5.672D+02	1.432D+03
Z	8	8	11	4	8	4	8	8	11	4	8	4
Z MAXIMUM	-3.974D+03	4.884D+03	5.132D+03	-4.792D+04	2.046D+05	-1.393D+05	-3.974D+03	4.884D+03	5.132D+03	-4.792D+04	2.394D+05	-8.433D+04
GRAND TOTAL	2.153D+04	1.783D+04	2.673D+04	1.471D+05	9.124D+05	1.972D+05	2.153D+04	1.783D+04	2.673D+04	1.471D+05	7.409D+05	1.533D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (87)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	8	10	8	8	12	8	8	10	10	12
X MAXIMUM	4.876D+03	-5.994D+02	-3.577D+03	2.402D+04	2.137D+05	-2.210D+04	4.876D+03	-5.994D+02	-3.577D+03	2.402D+04	6.969D+04	-1.700D+04
Y	13	34	34	24	13	34	13	34	34	24	34	34
Y MAXIMUM	4.045D+01	3.578D+01	-2.403D+01	7.479D+02	-5.672D+02	1.432D+03	4.045D+01	3.578D+01	-2.403D+01	7.479D+02	-1.055D+03	-2.856D+02
Z	8	4	8	4	8	4	8	4	8	4	11	4
Z MAXIMUM	-3.888D+03	-1.400D+03	-4.006D+03	-4.792D+04	2.394D+05	-8.432D+04	-3.888D+03	-1.400D+03	-4.006D+03	-4.792D+04	9.743D+04	-1.713D+04
GRAND TOTAL	2.069D+04	3.809D+03	1.653D+04	1.471D+05	7.409D+05	1.533D+05	2.069D+04	3.809D+03	1.653D+04	1.471D+05	4.282D+05	1.011D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (88)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	8	10	10	12	12	8	8	10	10	12
X MAXIMUM	4.549D+03	-5.183D+02	-3.076D+03	2.402D+04	6.969D+04	-1.700D+04	4.549D+03	-5.183D+02	-3.076D+03	2.402D+04	1.213D+05	-3.802D+04
Y	13	34	11	24	34	34	13	34	11	24	34	34
Y MAXIMUM	3.750D+01	2.658D+01	1.700D+01	7.479D+02	-1.055D+03	-2.856D+02	3.750D+01	2.658D+01	1.700D+01	7.479D+02	-1.604D+03	-1.410D+03
Z	8	4	8	4	11	4	8	4	8	4	11	4
Z MAXIMUM	-3.756D+03	-1.375D+03	-3.445D+03	-4.792D+04	9.743D+04	-1.713D+04	-3.756D+03	-1.375D+03	-3.445D+03	-4.792D+04	1.938D+05	4.102D+04
GRAND TOTAL	1.944D+04	3.542D+03	1.532D+04	1.471D+05	4.282D+05	1.011D+05	1.944D+04	3.542D+03	1.532D+04	1.471D+05	8.335D+05	2.228D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (89)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	8	8	10	12	10	12	8	8	10	12	10
X MAXIMUM	4.335D+03	-2.711D+03	4.216D+02	2.402D+04	-3.802D+04	-1.213D+05	4.767D+03	-1.250D+03	4.216D+02	3.097D+04	-3.515D+04	-1.294D+05
Y	13	13	34	24	34	34	13	11	34	24	34	34
Y MAXIMUM	3.557D+01	1.580D+01	-1.579D+01	7.479D+02	-1.410D+03	1.604D+03	3.891D+01	1.007D+01	-1.579D+01	4.321D+02	-1.564D+03	1.609D+03
Z	8	8	4	4	4	11	8	8	4	11	4	11
Z MAXIMUM	-3.669D+03	-3.036D+03	1.336D+03	-4.792D+04	4.102D+04	-1.938D+05	-4.552D+03	-1.400D+03	1.336D+03	4.169D+04	6.697D+04	-2.074D+05
GRAND TOTAL	1.864D+04	1.388D+04	3.273D+03	1.471D+05	2.228D+05	8.335D+05	2.246D+04	6.193D+03	3.273D+03	1.728D+05	2.103D+05	9.015D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (89)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	8	12	8	10
X MAXIMUM	4.473D+03	-1.657D+03	4.216D+02	-3.560D+04	3.457D+04	-1.365D+05
Y	13	13	34	34	34	11
Y MAXIMUM	3.632D+01	-1.398D+01	-1.579D+01	-8.454D+02	-1.480D+03	-1.608D+03
Z	8	13	4	11	4	11
Z MAXIMUM	-4.741D+03	-1.249D+03	1.336D+03	4.260D+04	8.273D+04	-2.155D+05
GRAND TOTAL	2.292D+04	6.968D+03	3.273D+03	2.301D+05	1.847D+05	9.062D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (90)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	10	8	12	12	12	12	10	8
X MAXIMUM	4.398D+03	3.886D+02	-1.622D+03	-3.560D+04	1.365D+05	3.457D+04	4.398D+03	3.886D+02	-1.622D+03	-3.560D+04	1.402D+05	3.691D+04
Y	13	34	34	34	11	34	13	34	34	34	11	34
Y MAXIMUM	3.572D+01	1.181D+01	1.527D+01	-8.453D+02	1.608D+03	-1.480D+03	3.572D+01	1.181D+01	1.527D+01	-8.453D+02	1.626D+03	-1.552D+03
Z	8	4	13	11	11	4	8	4	13	11	11	4
Z MAXIMUM	-4.606D+03	-1.321D+03	-1.213D+03	4.266D+04	2.155D+05	8.273D+04	-4.606D+03	-1.321D+03	-1.213D+03	4.266D+04	2.179D+05	9.073D+04
GRAND TOTAL	2.243D+04	3.180D+03	6.719D+03	2.301D+05	9.062D+05	1.847D+05	2.243D+04	3.180D+03	6.719D+03	2.301D+05	8.825D+05	1.984D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (91)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	10	10	8	10	8	12	10	10	8	12	8
X MAXIMUM	1.875D+03	-6.867D+02	-3.634D+03	8.177D+04	7.177D+04	-5.781D+04	1.875D+03	-6.867D+02	-3.634D+03	8.177D+04	3.495D+04	-6.123D+04
Y	49	34	24	24	11	49	49	34	24	24	49	24
Y MAXIMUM	8.479D+01	-6.031D+01	-6.242D+01	-1.763D+03	6.517D+02	-1.777D+03	8.479D+01	-6.031D+01	-6.242D+01	-1.763D+03	1.539D+03	1.966D+03
Z	4	11	11	11	11	11	4	11	11	11	13	11
Z MAXIMUM	4.829D+03	-1.063D+03	-6.309D+03	-1.281D+05	8.732D+04	6.500D+04	4.829D+03	-1.063D+03	-6.309D+03	-1.281D+05	3.064D+04	8.094D+04
GRAND TOTAL	9.128D+03	4.360D+03	2.250D+04	4.918D+05	3.717D+05	3.267D+05	9.128D+03	4.360D+03	2.250D+04	4.918D+05	2.033D+05	3.824D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (92)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	8	12	8	12	8	12	8	10	10
X MAXIMUM	1.768D+03	-2.076D+03	-1.845D+03	8.177D+04	3.495D+04	-6.123D+04	1.768D+03	-2.076D+03	-1.845D+03	8.177D+04	3.928D+04	2.850D+04
Y	49	49	24	24	49	24	49	49	24	24	49	24
Y MAXIMUM	8.887D+01	-5.487D+01	-8.305D+01	-1.763D+03	1.539D+03	1.966D+03	8.887D+01	-5.487D+01	-8.305D+01	-1.763D+03	2.677D+03	2.715D+03
Z	4	11	13	11	13	11	4	11	13	11	10	11
Z MAXIMUM	5.163D+03	2.541D+03	-1.301D+03	-1.281D+05	3.064D+04	8.094D+04	5.163D+03	2.541D+03	-1.301D+03	-1.281D+05	2.467D+04	3.774D+04
GRAND TOTAL	8.918D+03	1.147D+04	1.088D+04	4.918D+05	2.033D+05	3.824D+05	8.918D+03	1.147D+04	1.088D+04	4.918D+05	1.932D+05	2.254D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (93)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	15	10	8	10	8	8	15	10	8	10	8
X MAXIMUM	-1.674D+02	2.821D+02	-1.296D+02	-9.585D+03	1.655D+03	-1.455D+04	-1.674D+02	2.821D+02	-1.296D+02	-9.585D+03	8.792D+02	-1.554D+04
Y	2	41	37	15	41	37	2	41	37	15	41	37
Y MAXIMUM	7.325D+00	6.861D+01	-4.028D+00	9.300D+01	1.016D+02	-7.023D+02	7.325D+00	6.861D+01	-4.028D+00	9.300D+01	9.632D+01	-3.062D+02
Z	11	11	11	8	11	11	11	11	11	8	11	11
Z MAXIMUM	3.879D+02	-4.536D+02	2.235D+02	-1.074D+04	-2.677D+03	1.687D+04	3.879D+02	-4.536D+02	2.235D+02	-1.074D+04	-1.339D+03	1.958D+04
GRAND TOTAL	1.140D+03	2.542D+03	6.600D+02	3.821D+04	9.799D+03	6.744D+04	1.140D+03	2.542D+03	6.600D+02	3.821D+04	6.072D+03	6.969D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (94)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	15	10	8	10	8	15	10	10	8	8	8
X MAXIMUM	-1.148D+02	2.753D+02	-1.211D+02	-9.647D+03	8.792D+02	-1.550D+04	1.678D+02	2.513D+02	-1.211D+02	-6.983D+03	6.328D+03	-1.679D+04
Y	2	41	37	15	41	37	41	37	37	15	40	41
Y MAXIMUM	7.093D+00	6.724D+01	-3.598D+00	9.300D+01	9.632D+01	-3.061D+02	4.840D+01	-4.931D+01	-3.598D+00	7.111D+01	-7.255D+01	-2.106D+02
Z	11	11	11	8	11	11	15	11	11	8	8	11
Z MAXIMUM	2.944D+02	-4.446D+02	2.193D+02	-1.081D+04	-1.339D+03	1.954D+04	1.374D+02	-5.225D+02	2.193D+02	-7.821D+03	7.087D+03	2.314D+04
GRAND TOTAL	8.676D+02	2.482D+03	6.786D+02	3.848D+04	6.072D+03	6.956D+04	1.226D+03	2.308D+03	6.786D+02	2.809D+04	2.612D+04	8.127D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (94)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	15	10	10	8	8	8
X MAXIMUM	2.753D+02	1.149D+02	-1.211D+02	-7.011D+02	8.844D+03	-1.792D+04

Y	41	2	37	41	15	41
Y MAXIMUM	6.724D+01	-7.100D+00	-3.598D+00	8.592D+01	-9.866D+01	-3.802D+02
Z	11	11	11	8	8	11
Z MAXIMUM	-4.444D+02	-2.946D+02	2.193D+02	-7.853D+02	9.905D+03	2.619D+04
GRAND TOTAL	2.482D+03	8.686D+02	6.786D+02	4.634D+03	3.406D+04	9.247D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (95)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	15	8	8	8	8	8	15	8	8	8	8	8
X MAXIMUM	2.281D+02	8.104D+01	3.246D+02	-6.961D+02	-1.630D+04	1.156D+04	2.281D+02	8.104D+01	3.246D+02	-6.961D+02	1.877D+04	2.807D+03
Y	41	41	41	41	41	41	41	41	41	41	41	2
Y MAXIMUM	5.489D+01	5.374D+00	5.011D+00	8.592D+01	-1.781D+02	3.359D+02	5.489D+01	5.374D+00	5.011D+00	8.592D+01	3.631D+02	-6.454D+02
Z	11	11	8	8	11	11	11	11	8	8	8	8
Z MAXIMUM	-3.472D+02	-1.491D+02	3.636D+02	-7.796D+02	2.004D+04	-1.894D+04	-3.472D+02	-1.491D+02	3.636D+02	-7.796D+02	2.102D+04	3.144D+03
GRAND TOTAL	1.960D+03	5.304D+02	1.247D+03	4.616D+03	6.856D+04	6.922D+04	1.960D+03	5.304D+02	1.247D+03	4.616D+03	6.805D+04	1.726D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (96)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-4.530D+02	-2.447D+02	-1.245D+02	2.976D+03	-1.704D+03	-1.837D+04	-4.530D+02	-2.447D+02	-1.245D+02	2.976D+03	-3.323D+03	-1.519D+04
Y	24	24	41	2	37	41	24	24	41	2	41	41
Y MAXIMUM	6.155D+01	-1.450D+01	-3.680D+01	7.086D+02	-1.970D+02	-3.613D+02	6.155D+01	-1.450D+01	-3.680D+01	7.086D+02	-6.740D+02	-2.707D+02
Z	11	8	35	8	11	8	11	8	35	8	11	8
Z MAXIMUM	5.558D+02	-2.740D+02	-2.075D+02	3.333D+03	2.015D+03	-2.058D+04	5.558D+02	-2.740D+02	-2.075D+02	3.333D+03	4.220D+03	-1.702D+04
GRAND TOTAL	2.821D+03	8.994D+02	1.011D+03	1.658D+04	9.280D+03	6.720D+04	2.821D+03	8.994D+02	1.011D+03	1.658D+04	2.121D+04	5.565D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (97)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-4.647D+02	-2.690D+02	3.843D+01	2.975D+03	-3.323D+03	-1.519D+04	-4.647D+02	-2.690D+02	3.843D+01	2.975D+03	-1.915D+03	-5.341D+03
Y	24	24	41	2	41	41	24	24	41	2	2	24
Y MAXIMUM	6.572D+01	-1.641D+01	1.274D+01	7.086D+02	-6.740D+02	-2.707D+02	6.572D+01	-1.641D+01	1.274D+01	7.086D+02	-2.200D+02	5.166D+02
Z	11	8	35	8	11	8	11	8	35	8	11	11
Z MAXIMUM	5.751D+02	-3.013D+02	7.150D+01	3.333D+03	4.220D+03	-1.702D+04	5.751D+02	-3.013D+02	7.150D+01	3.333D+03	2.674D+03	6.729D+03
GRAND TOTAL	2.940D+03	1.040D+03	2.871D+02	1.658D+04	2.121D+04	5.565D+04	2.940D+03	1.040D+03	2.871D+02	1.658D+04	1.205D+04	2.988D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (98)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	0	8	8	8	8	8	0	8	8
X MAXIMUM	-2.388D+00	-5.020D-01	1.474D+00	0.0	-1.589D+01	-6.443D+00	-2.388D+00	-5.020D-01	1.474D+00	0.0	-1.100D+01	-4.780D+00
Y	37	37	24	0	24	37	37	37	24	0	24	37
Y MAXIMUM	1.507D+00	2.493D-01	-9.558D-01	0.0	1.056D+01	2.903D+00	1.507D+00	2.493D-01	-9.558D-01	0.0	7.391D+00	2.077D+00
Z	8	35	23	0	23	11	8	35	23	0	23	11
Z MAXIMUM	-2.675D+00	1.213D+00	-3.649D+00	0.0	4.012D+01	1.341D+01	-2.675D+00	1.213D+00	-3.649D+00	0.0	2.803D+01	9.967D+00
GRAND TOTAL	1.819D+01	7.408D+00	2.017D+01	0.0	2.207D+02	8.680D+01	1.819D+01	7.408D+00	2.017D+01	0.0	1.539D+02	6.230D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (99)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	0	8	8	8	8	8	0	8	8
X MAXIMUM	-2.308D+00	-5.402D-01	1.403D+00	0.0	-1.100D+01	-4.780D+00	-2.308D+00	-5.402D-01	1.403D+00	0.0	-7.232D+00	-3.328D+00
Y	37	37	24	0	24	37	37	37	24	0	24	37
Y MAXIMUM	1.456D+00	2.503D-01	-9.252D-01	0.0	7.391D+00	2.077D+00	1.456D+00	2.503D-01	-9.252D-01	0.0	4.904D+00	1.404D+00
Z	8	35	23	0	23	11	8	35	23	0	23	11
Z MAXIMUM	-2.585D+00	1.170D+00	-3.521D+00	0.0	2.803D+01	9.967D+00	-2.585D+00	1.170D+00	-3.521D+00	0.0	1.857D+01	6.950D+00
GRAND TOTAL	1.757D+01	7.471D+00	1.940D+01	0.0	1.539D+02	6.230D+01	1.757D+01	7.471D+00	1.940D+01	0.0	1.018D+02	4.224D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (100)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	0	8	8	8	8	8	0	22	8
X MAXIMUM	-2.259D+00	-5.516D-01	1.365D+00	0.0	-7.232D+00	-3.328D+00	-2.259D+00	-5.516D-01	1.365D+00	0.0	2.793D-01	-5.017D-01
Y	37	37	24	0	24	37	37	37	24	0	41	37
Y MAXIMUM	1.425D+00	2.489D-01	-9.065D-01	0.0	4.904D+00	1.404D+00	1.425D+00	2.489D-01	-9.065D-01	0.0	2.833D-01	1.284D-01
Z	8	11	23	0	23	11	8	11	23	0	23	11
Z MAXIMUM	-2.530D+00	1.148D+00	-3.446D+00	0.0	1.857D+01	6.950D+00	-2.530D+00	1.148D+00	-3.446D+00	0.0	9.097D-01	1.068D+00
GRAND TOTAL	1.720D+01	7.444D+00	1.896D+01	0.0	1.018D+02	4.224D+01	1.720D+01	7.444D+00	1.896D+01	0.0	4.653D+00	4.357D+00

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (101)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	22	0	22	8	8	8	22	0	8	13
X MAXIMUM	-9.072D-02	-7.433D-02	-4.138D-02	0.0	2.793D-01	-5.017D-01	-9.072D-02	-7.433D-02	-4.138D-02	0.0	-9.095D-13	-7.958D-13
Y	37	37	41	0	41	37	37	37	41	0	24	2
Y MAXIMUM	5.724D-02	1.902D-02	-4.197D-02	0.0	2.833D-01	1.284D-01	5.724D-02	1.902D-02	-4.197D-02	0.0	-5.840D-14	-6.395D-14
Z	8	11	23	0	23	11	8	11	23	0	11	13
Z MAXIMUM	-1.016D-01	1.582D-01	-1.348D-01	0.0	9.097D-01	1.068D+00	-1.016D-01	1.582D-01	-1.348D-01	0.0	1.478D-12	-7.958D-13
GRAND TOTAL	6.908D-01	6.455D-01	6.894D-01	0.0	4.653D+00	4.357D+00	6.908D-01	6.455D-01	6.894D-01	0.0	4.730D-12	4.732D-12

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (102)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-4.760D+02	-2.802D+02	4.245D+01	2.985D+03	-1.915D+03	-5.355D+03	-4.760D+02	-2.802D+02	4.245D+01	2.985D+03	-1.661D+03	-3.674D+03
Y	24	24	41	2	2	24	24	24	41	2	2	24
Y MAXIMUM	7.025D+01	-1.928D+01	1.257D+01	7.084D+02	-2.200D+02	5.273D+02	7.025D+01	-1.928D+01	1.257D+01	7.084D+02	-2.331D+02	6.430D+02
Z	11	8	35	8	11	11	11	8	35	8	3	11
Z MAXIMUM	5.941D+02	-3.138D+02	7.822D+01	3.343D+03	2.674D+03	6.755D+03	5.941D+02	-3.138D+02	7.822D+01	3.343D+03	3.045D+03	5.796D+03
GRAND TOTAL	3.061D+03	1.118D+03	3.228D+02	1.663D+04	1.205D+04	3.008D+04	3.061D+03	1.118D+03	3.228D+02	1.663D+04	1.052D+04	2.628D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (103)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-4.788D+02	-7.627D+01	4.383D+01	2.985D+03	-1.661D+03	-3.673D+03	-4.788D+02	-7.627D+01	4.383D+01	2.985D+03	-1.398D+03	-3.216D+03
Y	24	37	41	2	2	24	24	37	41	2	2	24
Y MAXIMUM	7.124D+01	-2.270D+01	1.237D+01	7.083D+02	-2.331D+02	6.430D+02	7.124D+01	-2.270D+01	1.237D+01	7.083D+02	-2.471D+02	6.192D+02
Z	11	11	35	8	3	11	11	11	35	8	3	11
Z MAXIMUM	5.987D+02	9.226D+01	7.967D+01	3.344D+03	3.045D+03	5.795D+03	5.987D+02	9.226D+01	7.967D+01	3.344D+03	3.435D+03	5.241D+03
GRAND TOTAL	3.090D+03	4.906D+02	3.351D+02	1.663D+04	1.052D+04	2.628D+04	3.090D+03	4.906D+02	3.351D+02	1.663D+04	9.038D+03	2.448D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (104)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-4.835D+02	7.759D+01	-4.659D+01	2.985D+03	1.398D+03	3.216D+03	-2.870D+02	3.967D+02	-4.659D+01	2.976D+03	-1.419D+03	1.448D+03
Y	24	37	35	2	2	24	24	24	35	2	2	2
Y MAXIMUM	7.291D+01	1.982D+01	-1.221D+01	7.084D+02	2.471D+02	-6.192D+02	4.970D+01	-5.341D+01	-1.221D+01	6.825D+02	-3.094D+02	-5.266D+02
Z	11	11	35	8	3	11	11	11	35	11	3	11
Z MAXIMUM	6.065D+02	-9.125D+01	-8.189D+01	3.343D+03	-3.435D+03	-5.242D+03	3.643D+02	-4.933D+02	-8.189D+01	-3.585D+03	-2.254D+03	-3.063D+03
GRAND TOTAL	3.137D+03	4.712D+02	3.586D+02	1.663D+04	9.038D+03	2.448D+04	2.019D+03	2.462D+03	3.586D+02	1.711D+04	8.714D+03	1.548D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (104)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	3	8	8
X MAXIMUM	7.757D+01	4.835D+02	-4.659D+01	-1.496D+03	-3.404D+03	-1.833D+03

Y	37	24	35	2	2	2
Y MAXIMUM	1.982D+01	-7.291D+01	-1.221D+01	2.708D+02	-6.847D+02	-5.212D+02
Z	11	11	35	3	11	3
Z MAXIMUM	-9.122D+01	-6.065D+02	-8.189D+01	-4.017D+03	3.836D+03	-2.123D+03
GRAND TOTAL	4.711D+02	3.137D+03	3.586D+02	8.170D+03	1.747D+04	1.048D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (105)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	3	8	8	8	8	8	3	8	8
X MAXIMUM	7.654D+01	-1.468D+02	-4.648D+02	-1.496D+03	-1.086D+03	3.711D+03	7.654D+01	-1.468D+02	-4.648D+02	-1.496D+03	-2.480D+03	4.151D+03
Y	37	24	24	2	2	2	37	24	24	2	2	2
Y MAXIMUM	1.723D+01	1.619D+01	7.194D+01	2.708D+02	-3.674D+02	7.781D+02	1.723D+01	1.619D+01	7.194D+01	2.708D+02	-3.476D+02	7.655D+02
Z	11	11	11	3	3	8	11	11	11	3	8	8
Z MAXIMUM	-8.691D+01	1.889D+02	5.827D+02	-4.017D+03	-2.128D+03	4.156D+03	-8.691D+01	1.889D+02	5.827D+02	-4.017D+03	-2.778D+03	4.650D+03
GRAND TOTAL	4.408D+02	9.875D+02	3.051D+03	8.169D+03	7.526D+03	1.866D+04	4.408D+02	9.875D+02	3.051D+03	8.169D+03	1.531D+04	1.996D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (106)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	3	3	3	8	8	8	3	3	3	8	8
X MAXIMUM	7.612D+01	-5.814D+01	1.154D+02	-1.496D+03	-2.480D+03	4.151D+03	7.612D+01	-5.814D+01	1.154D+02	-1.496D+03	-2.592D+03	4.207D+03
Y	37	41	2	2	2	2	37	41	2	2	2	2
Y MAXIMUM	1.617D+01	1.116D+01	-1.351D+01	2.708D+02	-3.476D+02	7.655D+02	1.617D+01	1.116D+01	-1.351D+01	2.708D+02	-4.016D+02	7.361D+02
Z	8	3	3	3	8	8	8	3	3	3	8	11
Z MAXIMUM	8.525D+01	-1.562D+02	3.099D+02	-4.017D+03	-2.778D+03	4.650D+03	8.525D+01	-1.562D+02	3.099D+02	-4.017D+03	-2.903D+03	-4.720D+03
GRAND TOTAL	4.339D+02	3.686D+02	4.723D+02	8.169D+03	1.531D+04	1.996D+04	4.339D+02	3.686D+02	4.723D+02	8.169D+03	1.576D+04	1.999D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (107)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	3	3	3	8	8	8	8	3	8	8	8
X MAXIMUM	7.501D+01	5.814D+01	-1.151D+02	-1.496D+03	2.592D+03	-4.207D+03	6.207D+01	-4.401D+01	-1.151D+02	2.599D+03	1.319D+03	-4.090D+03
Y	2	41	2	2	2	2	2	41	2	2	37	2
Y MAXIMUM	1.549D+01	-1.083D+01	1.351D+01	2.708D+02	4.016D+02	-7.361D+02	5.845D+00	-1.644D+01	1.351D+01	5.111D+02	2.177D+02	-6.493D+02
Z	8	3	3	3	8	11	3	3	3	3	3	11
Z MAXIMUM	8.401D+01	1.561D+02	-3.092D+02	-4.017D+03	2.903D+03	4.720D+03	1.573D+02	6.352D+01	-3.092D+02	-3.035D+03	1.493D+03	4.787D+03
GRAND TOTAL	4.275D+02	3.585D+02	4.701D+02	8.169D+03	1.576D+04	1.999D+04	4.467D+02	3.586D+02	4.701D+02	1.629D+04	8.564D+03	1.944D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (107)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	8	8	8
X MAXIMUM	5.814D+01	-7.501D+01	-1.151D+02	2.844D+03	-7.258D+02	-3.647D+03
Y	41	2	2	2	2	2
Y MAXIMUM	-1.083D+01	-1.549D+01	1.351D+01	5.232D+02	-1.492D+02	-5.317D+02
Z	3	8	3	8	3	11
Z MAXIMUM	1.561D+02	-8.401D+01	-3.092D+02	3.186D+03	1.234D+03	4.390D+03
GRAND TOTAL	3.585D+02	4.275D+02	4.701D+02	1.756D+04	4.706D+03	1.738D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (108)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	8	8	8	3	8	3	8	3	8
X MAXIMUM	5.820D+01	-7.549D+01	-1.137D+02	2.844D+03	-7.258D+02	-3.647D+03	5.820D+01	-7.549D+01	-1.137D+02	2.844D+03	-1.410D+03	-2.406D+03
Y	41	2	2	2	2	2	41	2	2	2	3	2
Y MAXIMUM	-8.679D+00	-1.480D+01	1.359D+01	5.232D+02	-1.492D+02	-5.317D+02	-8.679D+00	-1.480D+01	1.359D+01	5.232D+02	-9.453D+01	-2.885D+02
Z	3	8	3	8	3	11	3	8	3	8	3	11
Z MAXIMUM	1.563D+02	-8.455D+01	-3.054D+02	3.186D+03	1.234D+03	4.390D+03	1.563D+02	-8.455D+01	-3.054D+02	3.186D+03	-3.786D+03	3.075D+03
GRAND TOTAL	3.082D+02	4.192D+02	4.595D+02	1.756D+04	4.706D+03	1.738D+04	3.082D+02	4.192D+02	4.595D+02	1.756D+04	5.482D+03	1.246D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (109)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	3	3	8	8	8	3	3	3	8	8	8	3
X MAXIMUM	5.827D+01	1.111D+02	-7.850D+01	2.844D+03	2.406D+03	-1.410D+03	1.198D+02	3.739D+01	-7.850D+01	3.506D+03	-8.097D+02	-1.963D+03
Y	41	2	2	2	2	3	2	2	2	2	37	2
Y MAXIMUM	-6.524D+00	-1.347D+01	-1.266D+01	5.232D+02	2.885D+02	-9.453D+01	-1.340D+01	-5.658D+00	-1.266D+01	5.406D+02	-2.894D+02	1.456D+02
Z	3	3	11	8	11	3	3	3	11	8	3	3
Z MAXIMUM	1.565D+02	2.985D+02	9.001D+01	3.186D+03	-3.075D+03	-3.786D+03	3.217D+02	1.004D+02	9.001D+01	3.926D+03	1.475D+03	-5.273D+03
GRAND TOTAL	2.645D+02	4.453D+02	4.117D+02	1.756D+04	1.246D+04	5.482D+03	4.657D+02	2.086D+02	4.117D+02	1.966D+04	8.839D+03	6.902D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (109)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	3	8	8	8	3
X MAXIMUM	1.111D+02	-5.827D+01	-7.850D+01	1.699D+03	-3.551D+03	-1.886D+03
Y	2	41	2	2	2	2
Y MAXIMUM	-1.347D+01	6.524D+00	-1.266D+01	1.746D+02	-6.371D+02	1.463D+02
Z	3	3	11	11	8	3
Z MAXIMUM	2.985D+02	-1.565D+02	9.001D+01	-2.265D+03	-3.977D+03	-5.064D+03
GRAND TOTAL	4.453D+02	2.645D+02	4.117D+02	9.987D+03	2.002D+04	6.598D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (110)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	8	3	8	3	8	3	8	3	8
X MAXIMUM	1.047D+02	-8.365D+01	5.870D+01	1.699D+03	-1.886D+03	3.551D+03	1.047D+02	-8.365D+01	5.870D+01	1.699D+03	1.222D+03	7.979D+03
Y	2	37	3	2	2	2	2	37	3	2	41	2
Y MAXIMUM	-1.300D+01	1.933D+01	3.936D+00	1.746D+02	1.463D+02	6.371D+02	-1.300D+01	1.933D+01	3.936D+00	1.746D+02	-1.389D+02	9.992D+02
Z	3	11	3	11	3	8	3	11	3	11	3	11
Z MAXIMUM	2.813D+02	1.154D+02	1.577D+02	-2.265D+03	-5.064D+03	3.977D+03	2.813D+02	1.154D+02	1.577D+02	-2.265D+03	3.282D+03	-9.482D+03
GRAND TOTAL	4.125D+02	4.919D+02	2.212D+02	9.987D+03	6.598D+03	2.002D+04	4.125D+02	4.919D+02	2.212D+02	9.987D+03	5.715D+03	4.017D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (111)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	8	3	8	3	8	3	8	3	2
X MAXIMUM	9.267D+01	1.325D+02	5.341D+01	1.699D+03	1.222D+03	7.979D+03	9.267D+01	1.325D+02	5.341D+01	1.699D+03	5.081D+03	-2.493D+03
Y	2	2	41	2	41	2	2	2	41	2	3	2
Y MAXIMUM	-1.212D+01	3.185D+01	5.369D+00	1.746D+02	-1.389D+02	9.992D+02	-1.212D+01	3.185D+01	5.369D+00	1.746D+02	3.407D+02	-1.302D+03
Z	3	8	3	11	3	11	3	8	3	11	3	16
Z MAXIMUM	2.489D+02	1.484D+02	1.434D+02	-2.265D+03	3.282D+03	-9.482D+03	2.489D+02	1.484D+02	1.434D+02	-2.265D+03	1.365D+04	-1.811D+03
GRAND TOTAL	3.548D+02	6.599D+02	2.224D+02	9.987D+03	5.715D+03	4.017D+04	3.548D+02	6.599D+02	2.224D+02	9.987D+03	2.000D+04	1.398D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (112)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	8	3	2	3	8	3	8	3	8
X MAXIMUM	7.886D+01	6.805D+01	-8.835D+01	1.699D+03	5.081D+03	-2.493D+03	7.886D+01	6.805D+01	-8.835D+01	1.699D+03	-1.139D+03	-6.386D+03
Y	2	37	29	2	3	2	2	37	29	2	29	2
Y MAXIMUM	-1.111D+01	-1.280D+01	-7.870D+00	1.746D+02	3.407D+02	-1.302D+03	-1.111D+01	-1.280D+01	-7.870D+00	1.746D+02	-3.608D+02	-2.012D+03
Z	3	11	3	11	3	16	3	11	3	11	3	8
Z MAXIMUM	2.118D+02	-8.311D+01	-2.373D+02	-2.265D+03	1.365D+04	-1.811D+03	2.118D+02	-8.311D+01	-2.373D+02	-2.265D+03	-3.060D+03	-7.153D+03
GRAND TOTAL	3.194D+02	3.814D+02	3.667D+02	9.987D+03	2.000D+04	1.398D+04	3.194D+02	3.814D+02	3.667D+02	9.987D+03	9.041D+03	3.177D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (113)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	3	3	14	8	8	3	3	3	14	8	8	3
X MAXIMUM	7.175D+01	-6.534D+01	-2.142D+01	1.699D+03	-6.386D+03	1.139D+03	6.131D+01	-7.523D+01	-2.142D+01	7.358D+02	-6.580D+03	1.234D+03

Y	2	3	2	2	2	29	2	3	2	2	2	29
Y MAXIMUM	-1.058D+01	-4.381D+00	6.414D+00	1.746D+02	-2.012D+03	3.608D+02	-1.010D+01	-5.044D+00	6.414D+00	-1.240D+02	-2.007D+03	3.643D+02
Z	3	3	16	11	8	3	3	3	16	11	8	3
Z MAXIMUM	1.927D+02	-1.755D+02	3.122D+01	-2.265D+03	-7.153D+03	3.060D+03	1.647D+02	-2.020D+02	3.122D+01	-1.361D+03	-7.369D+03	3.313D+03
GRAND TOTAL	3.071D+02	2.480D+02	1.823D+02	9.987D+03	3.177D+04	9.041D+03	2.794D+02	2.775D+02	1.823D+02	6.337D+03	3.255D+04	9.178D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (113)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	3	14	2	8	3
X MAXIMUM	4.951D+01	-8.346D+01	-2.142D+01	-8.015D+02	-6.629D+03	1.340D+03
Y	2	3	2	2	2	29
Y MAXIMUM	-9.398D+00	-5.597D+00	6.414D+00	-4.186D+02	-1.958D+03	3.667D+02
Z	3	3	16	13	8	3
Z MAXIMUM	1.330D+02	-2.242D+02	3.122D+01	4.682D+02	-7.424D+03	3.598D+03
GRAND TOTAL	2.491D+02	3.037D+02	1.823D+02	4.169D+03	3.261D+04	9.323D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (114)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	2	3	8	3	8	3	2	3	14
X MAXIMUM	4.962D+01	-7.831D+01	-4.614D+01	-8.015D+02	-1.340D+03	-6.629D+03	4.962D+01	-7.831D+01	-4.614D+01	-8.015D+02	-6.249D+03	-3.952D+03
Y	2	2	29	2	29	2	2	2	29	2	3	2
Y MAXIMUM	-9.416D+00	-3.084D+01	6.296D+00	-4.187D+02	-3.667D+02	-1.958D+03	-9.416D+00	-3.084D+01	6.296D+00	-4.187D+02	-4.190D+02	1.323D+03
Z	3	8	3	13	3	8	3	8	3	13	3	16
Z MAXIMUM	1.333D+02	-8.771D+01	-1.239D+02	4.682D+02	-3.598D+03	-7.424D+03	1.333D+02	-8.771D+01	-1.239D+02	4.682D+02	-1.678D+04	5.375D+03
GRAND TOTAL	2.505D+02	5.244D+02	2.273D+02	4.170D+03	9.323D+03	3.261D+04	2.505D+02	5.244D+02	2.273D+02	4.170D+03	2.307D+04	2.505D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (115)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	14	3	2	3	14	3	14	3	2	3	8
X MAXIMUM	4.974D+01	-6.733D+01	8.638D+01	-8.015D+02	-6.249D+03	-3.952D+03	4.974D+01	-6.733D+01	8.638D+01	-8.015D+02	4.664D+03	5.819D+03
Y	2	16	2	2	3	2	2	16	2	2	2	16
Y MAXIMUM	-9.438D+00	2.019D+01	-6.064D+00	-4.187D+02	-4.190D+02	1.323D+03	-9.438D+00	2.019D+01	-6.064D+00	-4.187D+02	-3.479D+02	-1.501D+03
Z	3	16	3	13	3	16	3	16	3	13	3	11
Z MAXIMUM	1.336D+02	1.034D+02	2.320D+02	4.683D+02	-1.678D+04	5.375D+03	1.336D+02	1.034D+02	2.320D+02	4.683D+02	1.253D+04	-7.835D+03
GRAND TOTAL	2.522D+02	5.082D+02	3.302D+02	4.170D+03	2.307D+04	2.505D+04	2.522D+02	5.082D+02	3.302D+02	4.170D+03	1.929D+04	4.815D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (116)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	3	8	3	2	3	8	3	8	3	2	3	8
X MAXIMUM	4.975D+01	4.505D+01	-4.052D+01	-8.014D+02	4.664D+03	5.819D+03	4.975D+01	4.505D+01	-4.052D+01	-8.014D+02	4.257D+03	5.366D+03
Y	2	2	16	2	2	16	2	2	16	2	2	16
Y MAXIMUM	-9.439D+00	1.351D+01	9.363D+00	-4.186D+02	-3.479D+02	-1.501D+03	-9.439D+00	1.351D+01	9.363D+00	-4.186D+02	-3.114D+02	-1.420D+03
Z	3	11	3	13	3	11	3	11	3	13	3	11
Z MAXIMUM	1.336D+02	-5.217D+01	-1.088D+02	4.685D+02	1.253D+04	-7.835D+03	1.336D+02	-5.217D+01	-1.088D+02	4.685D+02	1.143D+04	-7.311D+03
GRAND TOTAL	2.523D+02	2.783D+02	3.263D+02	4.171D+03	1.929D+04	4.815D+04	2.523D+02	2.783D+02	3.263D+02	4.171D+03	1.644D+04	4.558D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (117)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	3	2	3	8	14	8	3	2	14	8
X MAXIMUM	-3.397D+02	1.037D+02	-4.206D+01	-8.015D+02	4.257D+03	5.366D+03	-3.397D+02	1.037D+02	-4.206D+01	-8.015D+02	2.180D+03	-4.748D+03
Y	16	16	16	2	2	16	16	16	16	2	16	16
Y MAXIMUM	-9.317D+01	-2.971D+01	8.356D+00	-4.187D+02	-3.114D+02	-1.420D+03	-9.317D+01	-2.971D+01	8.356D+00	-4.187D+02	6.351D+02	1.476D+03
Z	16	16	3	13	3	11	16	16	3	13	16	16
Z MAXIMUM	-4.771D+02	-1.521D+02	-1.130D+02	4.683D+02	1.143D+04	-7.311D+03	-4.771D+02	-1.521D+02	-1.130D+02	4.683D+02	3.252D+03	7.560D+03
GRAND TOTAL	2.304D+03	8.448D+02	3.013D+02	4.170D+03	1.644D+04	4.558D+04	2.304D+03	8.448D+02	3.013D+02	4.170D+03	1.715D+04	3.793D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (118)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	3	2	14	8	14	8	3	2	14	8
X MAXIMUM	-3.390D+02	1.091D+02	-4.795D+01	-8.016D+02	2.180D+03	-4.748D+03	-3.390D+02	1.091D+02	-4.795D+01	-8.016D+02	2.297D+03	-5.512D+03
Y	16	16	2	2	16	16	16	16	2	2	16	16
Y MAXIMUM	-9.294D+01	-3.231D+01	3.974D+00	-4.187D+02	6.351D+02	1.476D+03	-9.294D+01	-3.231D+01	3.974D+00	-4.187D+02	6.572D+02	1.702D+03
Z	16	16	3	13	16	16	16	16	3	13	16	16
Z MAXIMUM	-4.759D+02	-1.654D+02	-1.288D+02	4.682D+02	3.252D+03	7.560D+03	-4.759D+02	-1.654D+02	-1.288D+02	4.682D+02	3.365D+03	8.718D+03
GRAND TOTAL	2.299D+03	9.083D+02	2.279D+02	4.170D+03	1.715D+04	3.793D+04	2.299D+03	9.083D+02	2.279D+02	4.170D+03	1.793D+04	4.427D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (119)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	3	2	14	8	14	8	3	2	14	8
X MAXIMUM	-3.388D+02	1.099D+02	-4.966D+01	-8.014D+02	2.297D+03	-5.512D+03	-3.388D+02	1.099D+02	-4.966D+01	-8.014D+02	2.404D+03	-6.446D+03
Y	16	16	2	2	16	16	16	16	2	2	16	16
Y MAXIMUM	-9.287D+01	-3.297D+01	4.052D+00	-4.186D+02	6.572D+02	1.702D+03	-9.287D+01	-3.297D+01	4.052D+00	-4.186D+02	6.707D+02	1.983D+03
Z	16	16	3	13	16	16	16	16	3	13	16	16
Z MAXIMUM	-4.756D+02	-1.688D+02	-1.334D+02	4.685D+02	3.365D+03	8.718D+03	-4.756D+02	-1.688D+02	-1.334D+02	4.685D+02	3.434D+03	1.015D+04
GRAND TOTAL	2.297D+03	9.217D+02	2.286D+02	4.170D+03	1.793D+04	4.427D+04	2.297D+03	9.217D+02	2.286D+02	4.170D+03	1.857D+04	5.208D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (120)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	20	14	14	14	20	8	20	14	14	20	20
X MAXIMUM	1.582D+02	-7.913D+01	1.892D+02	1.416D+03	-2.386D+03	-1.709D+03	1.582D+02	-7.913D+01	1.892D+02	1.416D+03	1.313D+03	-1.115D+03
Y	16	16	16	16	16	43	16	16	16	16	16	43
Y MAXIMUM	-4.112D+01	-9.070D+00	4.759D+01	3.579D+02	-1.304D+03	-1.359D+02	-4.112D+01	-9.070D+00	4.759D+01	3.579D+02	-9.470D+02	-1.133D+02
Z	16	16	16	16	16	18	16	16	16	16	16	18
Z MAXIMUM	-2.106D+02	-4.645D+01	2.437D+02	1.833D+03	-6.677D+03	-1.419D+03	-2.106D+02	-4.645D+01	2.437D+02	1.833D+03	-4.849D+03	-1.140D+03
GRAND TOTAL	1.318D+03	4.036D+02	1.222D+03	1.046D+04	2.238D+04	9.736D+03	1.318D+03	4.036D+02	1.222D+03	1.046D+04	1.616D+04	6.916D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (121)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	14	18	20	8	14	8	14	18	3	8
X MAXIMUM	-1.681D+02	-4.859D+01	-8.159D+01	-1.193D+03	1.024D+03	-5.944D+03	-1.681D+02	-4.859D+01	-8.159D+01	-1.193D+03	-7.650D+02	-5.531D+03
Y	16	43	16	16	16	2	16	43	16	16	31	2
Y MAXIMUM	-4.991D+01	-2.259D+01	-2.284D+01	-4.682D+02	3.128D+02	-1.079D+03	-4.991D+01	-2.259D+01	-2.284D+01	-4.682D+02	-2.042D+02	-9.942D+02
Z	3	8	3	16	26	11	3	8	3	16	3	11
Z MAXIMUM	-3.641D+02	-5.442D+01	-1.621D+02	-2.398D+03	2.504D+03	7.091D+03	-3.641D+02	-5.442D+01	-1.621D+02	-2.398D+03	-2.055D+03	6.635D+03
GRAND TOTAL	1.465D+03	4.049D+02	6.588D+02	1.119D+04	1.120D+04	4.780D+04	1.465D+03	4.049D+02	6.588D+02	1.119D+04	6.294D+03	4.489D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (122)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	14	18	3	8	14	8	14	18	3	8
X MAXIMUM	-1.677D+02	-5.032D+01	-8.603D+01	-1.193D+03	-7.650D+02	-5.531D+03	-1.677D+02	-5.032D+01	-8.603D+01	-1.193D+03	-1.596D+03	-4.857D+03
Y	16	43	16	16	31	2	16	43	16	16	16	2
Y MAXIMUM	-4.979D+01	-1.911D+01	-2.462D+01	-4.682D+02	-2.042D+02	-9.942D+02	-4.979D+01	-1.911D+01	-2.462D+01	-4.682D+02	-2.111D+02	-8.569D+02
Z	3	8	3	16	3	11	3	8	3	16	3	11
Z MAXIMUM	-3.639D+02	-5.635D+01	-1.667D+02	-2.398D+03	-2.055D+03	6.635D+03	-3.639D+02	-5.635D+01	-1.667D+02	-2.398D+03	-4.288D+03	5.888D+03
GRAND TOTAL	1.462D+03	4.128D+02	7.142D+02	1.119D+04	6.294D+03	4.489D+04	1.462D+03	4.128D+02	7.142D+02	1.119D+04	7.306D+03	4.075D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (123)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	14	14	8	18	8	3	14	14	8	14	8	3
X MAXIMUM	-1.674D+02	-8.944D+01	5.402D+01	-1.193D+03	-4.857D+03	1.596D+03	-1.854D+02	-4.064D+01	5.402D+01	-1.953D+03	-4.380D+03	1.778D+03

Y	16	16	43	16	2	16	16	16	43	2	2	16
Y MAXIMUM	-4.968D+01	-2.602D+01	1.429D+01	-4.682D+02	-8.569D+02	2.111D+02	-5.487D+01	-1.155D+01	1.429D+01	-5.733D+02	-6.830D+02	2.891D+02
Z	3	3	11	16	11	3	3	3	11	8	11	3
Z MAXIMUM	-3.637D+02	-1.699D+02	-6.068D+01	-2.398D+03	5.888D+03	4.288D+03	-3.962D+02	-6.479D+01	-6.068D+01	-1.738D+03	5.555D+03	4.775D+03
GRAND TOTAL	1.460D+03	7.602D+02	4.361D+02	1.119D+04	4.075D+04	7.306D+03	1.610D+03	3.376D+02	4.361D+02	1.747D+04	3.847D+04	8.625D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (123)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	3	8	14	8	3
X MAXIMUM	-1.895D+02	1.683D+01	5.402D+01	-2.966D+03	-3.575D+03	1.793D+03
Y	16	16	43	2	16	16
Y MAXIMUM	-5.595D+01	3.778D+00	1.429D+01	-7.311D+02	6.941D+02	3.052D+02
Z	3	3	11	8	11	3
Z MAXIMUM	-3.989D+02	4.520D+01	-6.068D+01	-2.971D+03	4.804D+03	4.815D+03
GRAND TOTAL	1.640D+03	1.228D+02	4.361D+02	2.34 D+04	3.342D+04	8.969D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (124)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	3	14	3	8	14	8	3	14	14	14
X MAXIMUM	-1.950D+02	-7.129D+01	1.341D+01	-2.966D+03	-1.793D+03	-3.575D+03	-1.950D+02	-7.129D+01	1.341D+01	-2.966D+03	-1.148D+03	2.428D+03
Y	16	2	31	2	16	16	16	2	31	2	16	2
Y MAXIMUM	-5.831D+01	-1.322D+01	3.021D+00	-7.311D+02	-3.052D+02	6.941D+02	-5.831D+01	-1.322D+01	3.021D+00	-7.311D+02	-3.562D+02	6.037D+02
Z	3	11	3	8	3	11	3	11	3	8	3	8
Z MAXIMUM	-4.043D+02	8.374D+01	3.601D+01	-2.971D+03	-4.815D+03	4.805D+03	-4.043D+02	8.374D+01	3.601D+01	-2.971D+03	-1.924D+03	2.406D+03
GRAND TOTAL	1.725D+03	6.007D+02	6.718D+01	2.344D+04	8.969D+03	3.342D+04	1.725D+03	6.007D+02	6.718D+01	2.344D+04	1.028D+04	1.931D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (125)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	14	43	14	14	14	14	14	43	14	14	14
X MAXIMUM	-2.003D+02	-8.399D+01	-1.671D+00	-2.966D+03	-1.148D+03	2.428D+03	-2.003D+02	-8.399D+01	-1.671D+00	-2.966D+03	-1.141D+03	3.323D+03
Y	16	43	43	2	16	2	16	43	43	2	16	2
Y MAXIMUM	-6.063D+01	1.922D+01	-1.223D+00	-7.311D+02	-3.562D+02	6.037D+02	-6.063D+01	1.922D+01	-1.223D+00	-7.311D+02	-3.540D+02	7.545D+02
Z	3	11	26	8	3	8	3	11	26	8	26	8
Z MAXIMUM	-4.096D+02	9.423D+01	-2.171D+00	-2.971D+03	-1.924D+03	2.406D+03	-4.096D+02	9.423D+01	-2.171D+00	-2.971D+03	-1.936D+03	3.344D+03
GRAND TOTAL	1.808D+03	7.189D+02	1.284D+01	2.344D+04	1.028D+04	1.931D+04	1.808D+03	7.189D+02	1.284D+01	2.344D+04	1.027D+04	2.570D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (126)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	14	43	14	14	14	14	14	43	14	14	14
X MAXIMUM	-8.088D+01	-8.654D+01	-1.483D+00	-2.966D+03	-1.141D+03	3.324D+03	-8.088D+01	-8.654D+01	-1.483D+00	-2.966D+03	-1.132D+03	4.189D+03
Y	16	43	43	2	16	2	16	43	43	2	16	2
Y MAXIMUM	-1.907D+01	2.169D+01	-1.086D+00	-7.311D+02	-3.540D+02	7.545D+02	-1.907D+01	2.169D+01	-1.086D+00	-7.311D+02	-3.513D+02	8.977D+02
Z	3	11	26	8	26	8	3	11	26	8	26	8
Z MAXIMUM	-1.431D+02	9.621D+01	-1.842D+00	-2.970D+03	-1.936D+03	3.344D+03	-1.431D+02	9.621D+01	-1.842D+00	-2.970D+03	-1.954D+03	4.239D+03
GRAND TOTAL	6.669D+02	7.415D+02	1.260D+01	2.343D+04	1.027D+04	2.570D+04	6.669D+02	7.415D+02	1.260D+01	2.343D+04	1.025D+04	3.206D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (127)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	14	14	14	14	14	14	14	14	14	14	14
X MAXIMUM	-8.539D+01	7.328D+01	1.912D+00	-2.965D+03	-1.132D+03	4.189D+03	-8.539D+01	7.328D+01	1.912D+00	-2.965D+03	-1.003D+03	-7.411D+02
Y	16	2	16	2	16	2	16	2	16	2	16	16
Y MAXIMUM	-2.103D+01	1.488D+01	7.072D-01	-7.310D+02	-3.513D+02	8.978D+02	-2.103D+01	1.488D+01	7.072D-01	-7.310D+02	-3.037D+02	-1.942D+02
Z	3	8	16	8	26	8	3	8	16	8	3	3
Z MAXIMUM	-1.475D+02	6.740D+01	3.622D+00	-2.970D+03	-1.954D+03	4.240D+03	-1.475D+02	6.740D+01	3.622D+00	-2.970D+03	-1.860D+03	-1.094D+03
GRAND TOTAL	7.351D+02	5.709D+02	1.559D+01	2.343D+04	1.025D+04	3.206D+04	7.351D+02	5.709D+02	1.559D+01	2.343D+04	9.453D+03	7.438D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (128)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	14	20	14	14	14	14	14	14	14	14	8	14
X MAXIMUM	-9.059D+01	2.840D+00	-6.359D+01	-2.965D+03	-7.416D+02	1.003D+03	-6.212D+01	6.599D+01	-6.359D+01	-2.900D+03	1.107D+03	5.763D+02
Y	16	16	2	2	16	16	16	16	2	2	2	16
Y MAXIMUM	-2.329D+01	1.380D+00	-1.380D+01	-7.310D+02	-1.942D+02	3.037D+02	-1.549D+01	1.745D+01	-1.380D+01	-6.509D+02	2.971D+02	1.868D+02
Z	3	26	8	8	3	3	3	3	8	8	8	3
Z MAXIMUM	-1.527D+02	9.824D+00	-6.133D+01	-2.970D+03	-1.094D+03	1.860D+03	-1.061D+02	1.098D+02	-6.133D+01	-2.579D+03	1.240D+03	1.161D+03
GRAND TOTAL	8.148D+02	4.037D+01	4.676D+02	2.343D+04	7.441D+03	9.453D+03	5.558D+02	5.991D+02	4.676D+02	2.374D+04	9.022D+03	5.540D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (128)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	14	14	14	14	14
X MAXIMUM	2.838D+00	9.059D+01	-6.359D+01	-1.695D+03	2.011D+03	-3.965D+02
Y	16	16	2	2	2	16
Y MAXIMUM	1.379D+00	2.329D+01	-1.380D+01	-3.108D+02	5.239D+02	-6.634D+01
Z	26	3	8	3	8	3
Z MAXIMUM	9.820D+00	1.527D+02	-6.133D+01	-1.624D+03	2.050D+03	-4.702D+02
GRAND TOTAL	4.036D+01	8.148D+02	4.676D+02	1.439D+04	1.647D+04	3.336D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (129)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	36	14	14	14	14	14	36	14	14	14	14	14
X MAXIMUM	2.507D+00	6.249D+01	9.136D+01	-1.707D+03	3.965D+02	2.002D+03	2.507D+00	6.249D+01	9.136D+01	-1.707D+03	6.685D+02	1.816D+03
Y	43	2	16	2	16	2	43	2	16	2	16	2
Y MAXIMUM	1.553D+00	1.366D+01	2.369D+01	-3.137D+02	6.634D+01	5.222D+02	1.553D+00	1.366D+01	2.369D+01	-3.137D+02	1.369D+02	4.815D+02
Z	26	8	3	3	3	8	26	8	3	3	3	8
Z MAXIMUM	9.083D+00	6.058D+01	1.536D+02	-1.629D+03	4.702D+02	2.043D+03	9.083D+00	6.058D+01	1.536D+02	-1.629D+03	9.274D+02	1.863D+03
GRAND TOTAL	3.787D+01	4.615D+02	8.279D+02	1.448D+04	3.336D+03	1.639D+04	3.787D+01	4.615D+02	8.279D+02	1.448D+04	5.790D+03	1.505D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (130)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	36	14	14	14	14	14	14	14	14	14	20	14
X MAXIMUM	2.970D+00	-6.192D+01	-9.193D+01	-1.695D+03	-9.452D+02	-1.636D+03	-4.237D+01	-4.519D+01	-9.193D+01	-2.271D+03	-7.293D+02	-9.707D+02
Y	43	2	16	2	16	2	2	2	16	16	16	2
Y MAXIMUM	2.118D+00	-1.363D+01	-2.403D+01	-3.107D+02	-2.087D+02	-4.418D+02	-9.964D+00	-9.309D+00	-2.403D+01	-4.175D+02	-2.381D+02	-2.993D+02
Z	26	8	3	3	3	8	8	8	3	3	3	8
Z MAXIMUM	9.931D+00	-6.028D+01	-1.544D+02	-1.624D+03	-1.393D+03	-1.686D+03	-4.346D+01	-4.179D+01	-1.544D+02	-2.811D+03	-1.474D+03	-1.052D+03
GRAND TOTAL	4.284D+01	4.600D+02	8.388D+02	1.439D+04	8.295D+03	1.377D+04	3.111D+02	3.468D+02	8.388D+02	1.969D+04	6.897D+03	9.051D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (130)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	36	14	14	8	8
X MAXIMUM	-6.192D+01	-2.970D+00	-9.193D+01	-2.324D+03	7.638D+02	-7.138D+02
Y	2	43	16	16	2	43
Y MAXIMUM	-1.363D+01	-2.118D+00	-2.403D+01	-5.692D+02	2.507D+02	2.564D+02
Z	8	26	3	3	26	8
Z MAXIMUM	-6.028D+01	-9.931D+00	-1.544D+02	-3.708D+03	-9.253D+02	-7.995D+02
GRAND TOTAL	4.600D+02	4.285D+01	8.388D+02	2.087D+04	6.573D+03	7.228D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (131)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	14	14	14	8	20	14	14	14	14	8	20
X MAXIMUM	-6.192D+01	6.754D+01	-6.241D+01	-2.324D+03	1.041D+03	-4.139D+02	-6.192D+01	6.754D+01	-6.241D+01	-2.324D+03	9.870D+02	-6.298D+02

Y	2	16	16	16	2	43	2	16	16	16	2	16
Y MAXIMUM	-1.363D+01	1.709D+01	-1.696D+01	-5.692D+02	3.492D+02	1.291D+02	-1.363D+01	1.709D+01	-1.696D+01	-5.692D+02	3.399D+02	-1.603D+02
Z	8	3	3	3	8	26	8	3	3	3	8	3
Z MAXIMUM	-6.028D+01	1.139D+02	-1.042D+02	-3.708D+03	1.166D+03	-6.259D+02	-6.028D+01	1.139D+02	-1.042D+02	-3.708D+03	1.106D+03	-1.032D+03
GRAND TOTAL	4.600D+02	6.138D+02	5.791D+02	2.087D+04	9.308D+03	3.405D+03	4.600D+02	6.138D+02	5.791D+02	2.087D+04	9.225D+03	5.366D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (132)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	14	14	14	20	18	8	14	14	14	8	18
X MAXIMUM	1.586D+02	-6.311D+01	1.775D+02	1.473D+03	1.531D+03	-1.009D+03	1.586D+02	-6.311D+01	1.775D+02	1.473D+03	1.637D+03	-7.407D+02
Y	16	16	16	16	16	16	16	16	16	16	16	43
Y MAXIMUM	-4.003D+01	-2.031D+01	4.482D+01	4.208D+02	-9.066D+02	-1.623D+02	-4.003D+01	-2.031D+01	4.482D+01	4.208D+02	-5.248D+02	-6.871D+01
Z	11	16	16	16	16	18	11	16	16	16	16	18
Z MAXIMUM	-2.067D+02	-1.040D+02	2.295D+02	2.155D+03	-4.643D+03	-1.183D+03	-2.067D+02	-1.040D+02	2.295D+02	2.155D+03	-2.687D+03	-8.684D+02
GRAND TOTAL	1.326D+03	4.997D+02	1.197D+03	1.046D+04	1.545D+04	7.072D+03	1.326D+03	4.997D+02	1.197D+03	1.046D+04	1.351D+04	3.478D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (133)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	14	14	14	18	8	14	20	14	14	14	8
X MAXIMUM	1.579D+02	1.676D+02	8.277D+01	1.519D+03	-7.514D+02	-1.602D+03	1.866D+02	-9.199D+01	8.277D+01	1.349D+03	-4.906D+02	-1.611D+03
Y	16	16	16	16	2	16	14	16	16	16	16	2
Y MAXIMUM	-4.161D+01	4.285D+01	2.079D+01	3.840D+02	9.588D+01	5.506D+02	2.742D+01	5.972D+01	2.079D+01	2.951D+02	-1.705D+02	-3.236D+02
Z	16	16	16	16	18	16	8	16	16	16	16	8
Z MAXIMUM	-2.131D+02	2.194D+02	1.065D+02	1.966D+03	-8.809D+02	2.820D+03	1.780D+02	3.058D+02	1.065D+02	1.511D+03	-8.729D+02	-1.805D+03
GRAND TOTAL	1.324D+03	1.156D+03	5.818D+02	1.094D+04	3.948D+03	1.327D+04	1.387D+03	1.041D+03	5.818D+02	9.445D+03	5.309D+03	1.224D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (133)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	14	14	14	14
X MAXIMUM	1.676D+02	-1.579D+02	8.277D+01	8.254D+02	-7.742D+02	-1.261D+03
Y	16	16	16	16	16	43
Y MAXIMUM	4.285D+01	4.161D+01	2.079D+01	1.429D+02	-1.968D+02	2.493D+02
Z	16	16	16	16	26	14
Z MAXIMUM	2.194D+02	2.131D+02	1.065D+02	7.319D+02	1.207D+03	-1.110D+03
GRAND TOTAL	1.156D+03	1.324D+03	5.818D+02	5.878D+03	6.617D+03	9.178D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (134)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	14	14	14	14	14	8	14	14	3	14
X MAXIMUM	1.650D+02	1.580D+02	-7.729D+01	8.254D+02	7.742D+02	1.261D+03	1.650D+02	1.580D+02	-7.729D+01	8.254D+02	-4.369D+02	7.592D+02
Y	16	16	16	16	16	43	16	16	16	16	31	43
Y MAXIMUM	4.272D+01	-4.169D+01	-1.951D+01	1.429D+02	1.968D+02	-2.493D+02	4.272D+01	-4.169D+01	-1.951D+01	1.429D+02	9.837D+01	-4.376D+02
Z	16	16	16	16	26	14	16	16	16	16	26	16
Z MAXIMUM	2.188D+02	-2.135D+02	-9.991D+01	7.319D+02	-1.207D+03	1.110D+03	2.188D+02	-2.135D+02	-9.991D+01	7.319D+02	-1.273D+03	2.186D+03
GRAND TOTAL	1.139D+03	1.326D+03	5.320D+02	5.879D+03	6.617D+03	9.178D+03	1.139D+03	1.326D+03	5.320D+02	5.879D+03	4.886D+03	8.148D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (135)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	18	14	14	3	14	14	18	14	14	14	18
X MAXIMUM	1.503D+02	1.904D+01	-4.357D+01	8.254D+02	-4.369D+02	7.592D+02	1.503D+02	1.904D+01	-4.357D+01	8.254D+02	-4.197D+03	-1.799D+03
Y	16	43	16	16	31	43	16	43	16	16	16	31
Y MAXIMUM	4.199D+01	-3.925D+00	-1.134D+01	1.429D+02	9.837D+01	-4.376D+02	4.199D+01	-3.925D+00	-1.134D+01	1.429D+02	-1.094D+03	-8.245D+01
Z	16	18	16	16	26	16	16	18	16	16	16	18
Z MAXIMUM	2.150D+02	2.233D+01	-5.807D+01	7.319D+02	-1.273D+03	2.187D+03	2.150D+02	2.233D+01	-5.807D+01	7.319D+02	-5.602D+03	-2.109D+03
GRAND TOTAL	1.043D+03	1.368D+02	3.197D+02	5.879D+03	4.886D+03	8.148D+03	1.043D+03	1.368D+02	3.197D+02	5.879D+03	2.991D+04	8.849D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (136)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	14	14	14	18	14	8	14	14	14	8
X MAXIMUM	1.308D+02	7.279D+01	3.351D+01	8.254D+02	-4.197D+03	-1.799D+03	1.308D+02	7.279D+01	3.351D+01	8.254D+02	-2.909D+03	-1.586D+03
Y	16	31	16	16	16	31	16	31	16	16	16	43
Y MAXIMUM	4.089D+01	-3.825D+00	1.143D+01	1.429D+02	-1.094D+03	-8.245D+01	4.089D+01	-3.825D+00	1.143D+01	1.429D+02	-6.546D+02	6.951D+01
Z	16	8	16	16	16	18	16	8	16	16	16	8
Z MAXIMUM	2.094D+02	8.152D+01	5.853D+01	7.319D+02	-5.602D+03	-2.109D+03	2.094D+02	8.152D+01	5.853D+01	7.319D+02	-3.352D+03	-1.777D+03
GRAND TOTAL	9.503D+02	4.253D+02	2.856D+02	5.879D+03	2.991D+04	8.849D+03	9.503D+02	4.253D+02	2.856D+02	5.879D+03	1.929D+04	9.503D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (137)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	14	8	18	8	14	18	14	8	18	18	18
X MAXIMUM	2.829D+00	-1.924D+00	2.170D+00	1.333D+00	-1.619D+01	-1.934D+01	2.829D+00	-1.924D+00	2.170D+00	1.333D+00	-7.331D+00	-1.554D+00
Y	31	16	14	16	16	16	31	16	14	16	31	43
Y MAXIMUM	4.445D-01	-6.698D-01	-2.772D-01	-2.164D-01	2.480D+00	-6.224D+00	4.445D-01	-6.698D-01	-2.772D-01	-2.164D-01	-1.192D+00	5.288D-01
Z	18	16	8	18	11	16	18	16	8	18	18	11
Z MAXIMUM	3.316D+00	-3.430D+00	2.430D+00	1.563D+00	-1.843D+01	-3.187D+01	3.316D+00	-3.430D+00	2.430D+00	1.563D+00	-8.595D+00	1.972D+00
GRAND TOTAL	1.626D+01	1.897D+01	2.235D+01	8.520D+00	1.493D+02	1.700D+02	1.626D+01	1.897D+01	2.235D+01	8.520D+00	6.169D+01	1.984D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (138)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	14	18	18	18	8	18	14	18	14	18
X MAXIMUM	-2.458D+00	-2.489D+00	-2.042D+00	-6.581D-01	-1.333D+00	-7.465D+00	-2.458D+00	-2.489D+00	-2.042D+00	-6.581D-01	-1.354D+01	9.333D+00
Y	31	31	16	43	16	43	31	31	16	43	16	31
Y MAXIMUM	2.575D-01	-3.909D-01	-6.095D-01	-1.760D-01	2.164D-01	1.233D+00	2.575D-01	-3.909D-01	-6.095D-01	-1.760D-01	-3.898D+00	1.415D+00
Z	8	18	16	18	18	18	8	18	16	18	16	18
Z MAXIMUM	-2.753D+00	-2.918D+00	-3.121D+00	-7.716D-01	-1.563D+00	-8.752D+00	-2.753D+00	-2.918D+00	-3.121D+00	-7.716D-01	-1.996D+01	1.094D+01
GRAND TOTAL	2.090D+01	1.448D+01	1.498D+01	5.389D+00	8.520D+00	6.479D+01	2.090D+01	1.448D+01	1.498D+01	5.389D+00	9.636D+01	4.802D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (139)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	18	14	18	14	18	8	18	14	18	14	8
X MAXIMUM	-3.292D+00	1.475D+00	1.033D+00	-6.589D-01	-1.354D+01	9.333D+00	-3.292D+00	1.475D+00	1.033D+00	-6.589D-01	-5.530D+00	3.758D+00
Y	43	43	16	43	16	31	43	43	16	43	16	43
Y MAXIMUM	6.915D-01	3.385D-01	3.454D-01	-1.760D-01	-3.898D+00	1.415D+00	6.915D-01	3.385D-01	3.454D-01	-1.760D-01	-1.221D+00	-1.587D+00
Z	8	18	16	18	16	18	8	18	16	18	16	8
Z MAXIMUM	-3.687D+00	1.729D+00	1.769D+00	-7.725D-01	-1.996D+01	1.094D+01	-3.687D+00	1.729D+00	1.769D+00	-7.725D-01	-6.252D+00	4.209D+00
GRAND TOTAL	2.309D+01	9.576D+00	7.956D+00	5.391D+00	9.636D+01	4.802D+01	2.309D+01	9.576D+00	7.956D+00	5.391D+00	3.707D+01	2.920D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (140)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	18	14	18	14	8	8	8	14	14	20	18
X MAXIMUM	-3.361D+00	1.841D+00	1.229D+00	-6.587D-01	-5.530D+00	3.758D+00	-2.927D+00	1.826D+00	1.229D+00	-2.224D+00	1.715D+00	-4.815D+00
Y	43	43	16	43	16	43	43	43	16	16	43	43
Y MAXIMUM	7.696D-01	3.693D-01	4.067D-01	-1.759D-01	-1.221D+00	-1.587D+00	8.053D-01	-2.830D-01	4.067D-01	-4.205D-01	6.985D-01	-1.730D+00
Z	8	18	16	18	16	8	18	8	16	16	16	18
Z MAXIMUM	-3.765D+00	2.158D+00	2.083D+00	-7.722D-01	-6.252D+00	4.209D+00	3.287D+00	2.045D+00	2.083D+00	-2.154D+00	1.643D+00	-5.645D+00
GRAND TOTAL	2.383D+01	1.143D+01	9.350D+00	5.389D+00	3.707D+01	2.920D+01	2.470D+01	9.203D+00	9.350D+00	1.563D+01	1.518D+01	3.604D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (140)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	8	14	20	14	8
X MAXIMUM	1.841D+00	3.361D+00	1.229D+00	2.232D+00	4.566D+00	-6.572D+00

Y	43	43	16	43	16	31
Y MAXIMUM	3.694D-01	-7.696D-01	4.067D-01	8.119D-01	1.675D+00	-2.455D-01
Z	18	8	16	16	16	8
Z MAXIMUM	2.159D+00	3.764D+00	2.083D+00	2.079D+00	8.575D+00	-7.361D+00
GRAND TOTAL	1.143D+01	2.383D+01	9.350D+00	1.647D+01	3.824D+01	3.543D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (141)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	14	8	20	8	14	18	14	8	20	8	14
X MAXIMUM	2.070D+00	1.045D+00	-3.282D+00	2.232D+00	-6.260D+00	-4.772D+00	2.070D+00	1.045D+00	-3.282D+00	2.232D+00	-1.303D+01	-6.929D+00
Y	43	43	43	43	31	16	43	43	43	43	43	16
Y MAXIMUM	3.900D-01	4.268D-01	7.200D-01	8.120D-01	-3.336D-01	-1.664D+00	3.900D-01	4.268D-01	7.200D-01	8.120D-01	1.226D+00	-2.453D+00
Z	18	16	8	16	8	16	18	16	8	16	8	16
Z MAXIMUM	2.427D+00	1.958D+00	-3.676D+00	2.080D+00	-7.012D+00	-8.520D+00	2.427D+00	1.958D+00	-3.676D+00	2.080D+00	-1.460D+01	-1.256D+01
GRAND TOTAL	1.258D+01	1.209D+01	2.533D+01	1.647D+01	3.639D+01	4.250D+01	1.258D+01	1.209D+01	2.533D+01	1.647D+01	8.145D+01	6.678D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (142)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	18	14	8	20	8	14	18	14	8	20	8	14
X MAXIMUM	2.218D+00	1.090D+00	-3.308D+00	2.232D+00	-1.303D+01	-6.929D+00	2.218D+00	1.090D+00	-3.308D+00	2.232D+00	-2.399D+01	-1.054D+01
Y	43	43	43	43	43	16	43	43	43	43	43	16
Y MAXIMUM	4.033D-01	4.400D-01	7.445D-01	8.120D-01	1.226D+00	-2.453D+00	4.033D-01	4.400D-01	7.445D-01	8.120D-01	3.692D+00	-3.773D+00
Z	18	16	8	16	8	16	18	16	8	16	8	16
Z MAXIMUM	2.600D+00	2.042D+00	-3.705D+00	2.080D+00	-1.460D+01	-1.256D+01	2.600D+00	2.042D+00	-3.705D+00	2.080D+00	-2.687D+01	-1.932D+01
GRAND TOTAL	1.334D+01	1.245D+01	2.565D+01	1.647D+01	8.145D+01	6.678D+01	1.334D+01	1.245D+01	2.565D+01	1.647D+01	1.664D+02	1.080D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (143)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	14	14	14	8	14	8	14	14	20	8
X MAXIMUM	1.158D+02	5.829D+01	6.280D+01	7.907D+02	-1.892D+03	-2.787D+03	1.158D+02	5.829D+01	6.280D+01	7.907D+02	1.437D+03	-3.836D+03
Y	16	31	16	16	16	43	16	31	16	16	43	43
Y MAXIMUM	3.995D+01	2.084D+00	2.001D+01	1.322D+02	-3.267D+02	9.866D+01	3.995D+01	2.084D+00	2.001D+01	1.322D+02	3.688D+02	8.844D+01
Z	16	8	16	14	16	8	16	8	16	14	26	8
Z MAXIMUM	2.046D+02	6.529D+01	1.025D+02	6.955D+02	-1.673D+03	-3.122D+03	2.046D+02	6.529D+01	1.025D+02	6.955D+02	8.012D+02	-4.297D+03
GRAND TOTAL	9.077D+02	2.723D+02	5.037D+02	5.658D+03	1.379D+04	1.522D+04	9.077D+02	2.723D+02	5.037D+02	5.658D+03	9.787D+03	1.939D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (144)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	14	14	20	8	14	8	14	14	20	8
X MAXIMUM	1.121D+02	5.442D+01	1.445D+02	7.908D+02	1.437D+03	-3.336D+03	1.121D+02	5.442D+01	1.445D+02	7.908D+02	1.521D+03	-4.326D+03
Y	16	31	16	16	43	43	16	31	16	16	16	43
Y MAXIMUM	3.973D+01	3.885D+00	3.877D+01	1.322D+02	3.688D+02	8.845D+01	3.973D+01	3.885D+00	3.877D+01	1.322D+02	3.823D+02	7.144D+01
Z	16	8	16	14	26	8	16	8	16	14	16	8
Z MAXIMUM	2.035D+02	6.095D+01	1.985D+02	6.956D+02	8.012D+02	-4.297D+03	2.035D+02	6.095D+01	1.985D+02	6.956D+02	1.958D+03	-4.845D+03
GRAND TOTAL	8.975D+02	2.677D+02	1.120D+03	5.657D+03	9.787D+03	1.939D+04	8.975D+02	2.677D+02	1.120D+03	5.657D+03	9.222D+03	2.106D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (145)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	14	14	8	14	8	20	14	20	8	8	8	20
X MAXIMUM	1.089D+02	1.424D+02	-5.135D+01	7.907D+02	-4.326D+03	-1.521D+03	1.777D+02	6.601D+01	-5.135D+01	-2.917D+03	-3.663D+03	-1.800D+03
Y	16	16	31	16	43	16	16	43	31	14	43	16
Y MAXIMUM	3.953D+01	3.819D+01	-5.493D+00	1.322D+02	7.143D+01	-3.823D+02	5.496D+01	-2.184D+01	-5.493D+00	1.313D+02	7.324D+01	-5.211D+02
Z	16	16	8	14	8	16	16	26	8	8	8	16
Z MAXIMUM	2.024D+02	1.956D+02	-5.752D+01	6.955D+02	-4.845D+03	-1.958D+03	2.814D+02	-7.651D+01	-5.752D+01	-3.267D+03	-4.103D+03	-2.669D+03
GRAND TOTAL	8.886D+02	1.106D+03	3.082D+02	5.658D+03	2.106D+04	9.222D+03	1.197D+03	5.280D+02	3.082D+02	1.577D+04	1.704D+04	1.352D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (145)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	14	8	8	8	20
X MAXIMUM	1.424D+02	-1.089D+02	-5.135D+01	-4.788D+03	-8.546D+02	-2.361D+03
Y	16	16	31	14	2	16
Y MAXIMUM	3.819D+01	-3.953D+01	-5.493D+00	7.586D+01	-1.200D+02	-3.702D+02
Z	16	16	8	8	8	16
Z MAXIMUM	1.956D+02	-2.025D+02	-5.752D+01	-5.363D+03	-9.571D+02	-1.896D+03
GRAND TOTAL	1.106D+03	8.886D+02	3.082D+02	2.268D+04	6.059D+03	1.369D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (146)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	14	8	20	8	14	8	14	8	20	8
X MAXIMUM	1.370D+02	4.877D+01	-1.068D+02	-4.788D+03	2.361D+03	-8.544D+02	1.370D+02	4.877D+01	-1.068D+02	-4.788D+03	3.809D+03	-1.699D+03
Y	16	31	16	14	16	2	16	31	16	14	43	31
Y MAXIMUM	3.681D+01	7.394D+00	-3.968D+01	7.586D+01	3.702D+02	-1.200D+02	3.681D+01	7.394D+00	-3.968D+01	7.586D+01	-3.635D+02	-1.489D+02
Z	16	8	16	8	16	8	16	8	16	8	8	8
Z MAXIMUM	1.885D+02	5.462D+01	-2.032D+02	-5.363D+03	1.896D+03	-9.570D+02	1.885D+02	5.462D+01	-2.032D+02	-5.363D+03	-2.062D+03	-1.903D+03
GRAND TOTAL	1.072D+03	3.608D+02	8.875D+02	2.268D+04	1.369D+04	6.059D+03	1.072D+03	3.608D+02	8.875D+02	2.268D+04	1.857D+04	8.773D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (147)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	20	8	8	8	8	8	20	8	8
X MAXIMUM	-6.087D+01	-1.070D+02	1.225D+02	1.290D+03	-2.870D+03	-2.686D+03	-6.087D+01	-1.070D+02	1.225D+02	1.290D+03	1.031D+04	8.828D+03
Y	31	31	46	14	16	31	31	31	46	14	31	18
Y MAXIMUM	-2.340D+01	-3.650D+00	-1.501D+00	-1.779D+02	-1.995D+02	-2.751D+02	-2.340D+01	-3.650D+00	-1.501D+00	-1.779D+02	1.931D+02	-1.935D+02
Z	8	8	8	8	8	8	8	8	8	8	8	8
Z MAXIMUM	-6.818D+01	-1.198D+02	1.372D+02	-1.370D+03	-3.215D+03	-3.008D+03	-6.818D+01	-1.198D+02	1.372D+02	-1.370D+03	1.155D+04	9.888D+03
GRAND TOTAL	4.737D+02	4.918D+02	5.551D+02	1.015D+04	1.725D+04	1.862D+04	4.737D+02	4.918D+02	5.551D+02	1.015D+04	4.627D+04	4.367D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (148)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	8	10	10	10	1	1	8	5
X MAXIMUM	7.372D+02	-2.534D+03	2.275D+03	-1.076D+05	7.022D+04	-3.178D+04	7.372D+02	-2.534D+03	2.275D+03	-1.076D+05	4.448D+04	1.251D+04
Y	19	40	40	19	19	40	19	40	40	19	19	40
Y MAXIMUM	-2.999D+01	-1.078D+02	4.617D+01	7.042D+02	-1.145D+03	-1.950D+03	-2.999D+01	-1.078D+02	4.617D+01	7.042D+02	-9.312D+02	-6.698D+02
Z	11	11	11	1	11	5	11	11	11	1	11	5
Z MAXIMUM	-1.060D+03	3.254D+03	-3.075D+03	-6.004D+04	9.222D+04	4.441D+04	-1.060D+03	3.254D+03	-3.075D+03	-6.004D+04	5.571D+04	1.920D+04
GRAND TOTAL	3.946D+03	1.531D+04	1.169D+04	1.584D+05	3.964D+05	2.321D+05	3.946D+03	1.531D+04	1.169D+04	1.584D+05	2.634D+05	7.701D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (149)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	10	10	1	1	8	8	10	10	1	1	1	10
X MAXIMUM	7.194D+02	2.561D+03	-2.257D+03	-1.076D+05	-3.991D+04	-1.995D+04	2.320D+03	1.302D+03	-2.257D+03	-7.770D+04	6.041D+04	-1.957D+04
Y	19	40	19	19	19	40	40	40	19	19	25	40
Y MAXIMUM	-2.985D+01	1.155D+02	-1.623D+01	7.042D+02	8.557D+02	7.936D+02	8.468D+01	7.867D+01	-1.623D+01	1.032D+03	-4.182D+02	-4.128D+02
Z	11	11	5	1	11	8	11	11	5	5	1	11
Z MAXIMUM	-1.025D+03	-4.030D+03	-1.949D+03	-6.004D+04	-5.662D+04	-2.235D+04	-3.574D+03	-2.125D+03	-1.949D+03	4.705D+04	3.371D+04	2.968D+04
GRAND TOTAL	3.851D+03	1.539D+04	1.038D+04	1.584D+05	2.627D+05	5.938D+04	1.350D+04	8.288D+03	1.038D+04	2.095D+05	1.031D+05	1.107D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (149)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	1	10
X MAXIMUM	2.561D+03	-7.194D+02	-2.257D+03	-2.214D+04	7.371D+04	-2.319D+04

Y	40	19	19	19	19	40
Y MAXIMUM	1.155D+02	2.985D+01	-1.623D+01	6.122D+02	-9.477D+02	-8.752D+02
Z	11	11	5	11	5	11
Z MAXIMUM	-4.030D+03	1.025D+03	-1.949D+03	-3.267D+04	-5.690D+04	3.651D+04
GRAND TOTAL	1.539D+04	3.851D+03	1.038D+04	1.256D+05	2.162D+05	1.224D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (150)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	1	10	10	10	1	1	5	10
X MAXIMUM	2.422D+03	7.164D+02	2.224D+03	-2.214D+04	-7.371D+04	2.318D+04	2.422D+03	7.164D+02	2.224D+03	-2.214D+04	5.820D+04	9.986D+03
Y	40	19	19	19	19	40	40	19	19	19	19	40
Y MAXIMUM	1.094D+02	-2.941D+01	1.358D+01	6.123D+02	9.477D+02	8.751D+02	1.094D+02	-2.941D+01	1.358D+01	6.123D+02	1.198D+03	7.493D+02
Z	11	11	8	11	5	11	11	11	8	11	5	11
Z MAXIMUM	-3.821D+03	-1.015D+03	-1.768D+03	-3.270D+04	5.690D+04	-3.648D+04	-3.821D+03	-1.015D+03	-1.768D+03	-3.270D+04	8.931D+04	-1.778D+04
GRAND TOTAL	1.458D+04	3.837D+03	9.766D+03	1.257D+05	2.162D+05	1.224D+05	1.458D+04	3.837D+03	9.766D+03	1.257D+05	3.458D+05	5.702D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (151)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	10	1	1	5	10	1	10	1	1	1	8
X MAXIMUM	4.674D+02	7.702D+02	1.132D+03	-4.311D+04	6.000D+04	3.606D+04	4.674D+02	7.702D+02	1.132D+03	-4.311D+04	4.381D+04	-1.622D+04
Y	25	40	25	24	19	40	25	40	25	24	25	19
Y MAXIMUM	-2.046D+01	5.609D+01	-2.256D+01	6.446D+02	1.137D+03	2.057D+03	-2.046D+01	5.609D+01	-2.256D+01	6.446D+02	-7.519D+02	1.609D+03
Z	11	11	5	5	5	11	11	11	5	5	5	8
Z MAXIMUM	-6.408D+02	-1.116D+03	-1.560D+03	-4.405D+04	9.207D+04	-5.910D+04	-6.408D+02	-1.116D+03	-1.560D+03	-4.405D+04	2.870D+04	-1.817D+04
GRAND TOTAL	2.929D+03	4.364D+03	6.629D+03	2.148D+05	3.665D+05	2.128D+05	2.929D+03	4.364D+03	6.629D+03	2.148D+05	1.509D+05	7.581D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (152)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	1	5	1	1	8	1	1	5	1	1	8
X MAXIMUM	4.678D+02	5.926D+02	-1.037D+03	-4.311D+04	4.381D+04	-1.623D+04	4.678D+02	5.926D+02	-1.037D+03	-4.311D+04	5.176D+04	-1.625D+04
Y	25	19	25	24	25	19	25	19	25	24	25	19
Y MAXIMUM	-1.881D+01	2.807D+01	-1.616D+01	6.446D+02	-7.519D+02	1.609D+03	-1.881D+01	2.807D+01	-1.616D+01	6.446D+02	-8.793D+02	1.388D+03
Z	11	1	5	5	5	8	11	1	5	5	1	8
Z MAXIMUM	-4.290D+02	3.308D+02	-1.591D+03	-4.405D+04	2.870D+04	-1.817D+04	-4.290D+02	3.308D+02	-1.591D+03	-4.405D+04	2.889D+04	-1.820D+04
GRAND TOTAL	2.285D+03	1.151D+03	6.651D+03	2.148D+05	1.509D+05	7.581D+04	2.285D+03	1.151D+03	6.651D+03	2.148D+05	1.153D+05	7.894D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (153)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	1	5	1	1	8	1	1	8	1	1	8	1
X MAXIMUM	4.679D+02	-1.039D+03	-5.925D+02	-4.311D+04	-1.625D+04	-5.176D+04	9.139D+02	8.580D+02	-5.925D+02	-3.136D+04	-3.453D+04	-5.845D+04
Y	21	25	19	24	19	25	25	19	19	19	19	25
Y MAXIMUM	-1.806D+01	-1.220D+01	-2.781D+01	6.446D+02	1.388D+03	8.793D+02	-2.169D+01	-1.623D+01	-2.781D+01	6.017D+02	9.870D+02	9.356D+02
Z	11	5	1	5	8	1	5	5	1	5	8	1
Z MAXIMUM	-3.169D+02	-1.595D+03	-3.307D+02	-4.405D+04	-1.820D+04	-2.889D+04	-1.120D+03	-1.168D+03	-3.307D+02	-3.140D+04	-3.868D+04	-3.263D+04
GRAND TOTAL	1.952D+03	6.617D+03	1.153D+03	2.148D+05	7.893D+04	1.153D+05	4.551D+03	5.079D+03	1.153D+03	1.509D+05	1.658D+05	8.786D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (153)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	8	1	1	8	1
X MAXIMUM	1.047D+03	4.053D+02	-5.925D+02	-1.193D+04	-4.101D+04	-6.046D+04
Y	25	19	19	19	24	25
Y MAXIMUM	-1.803D+01	-1.906D+01	-2.781D+01	9.795D+02	-4.971D+02	8.807D+02
Z	5	11	1	11	8	1
Z MAXIMUM	-1.582D+03	6.436D+02	-3.307D+02	-1.169D+04	-4.593D+04	-3.374D+04
GRAND TOTAL	6.455D+03	2.544D+03	1.153D+03	6.317D+04	2.187D+05	8.945D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (154)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	5	1	12	1	1	8	5	1	12	1	1	8
X MAXIMUM	-9.697D+02	5.934D+02	-3.399D+02	-1.193D+04	6.046D+04	-4.101D+04	-9.697D+02	5.934D+02	-3.399D+02	-1.193D+04	4.588D+04	-3.963D+04
Y	19	19	25	19	25	24	19	19	25	19	19	19
Y MAXIMUM	1.761D+01	2.468D+01	1.463D+01	9.795D+02	-8.807D+02	-4.971D+02	1.761D+01	2.468D+01	1.463D+01	9.795D+02	-7.690D+02	-1.601D+03
Z	5	1	5	11	1	8	5	1	5	11	5	5
Z MAXIMUM	-1.488D+03	3.312D+02	-3.857D+02	-1.169D+04	3.374D+04	-4.593D+04	-1.488D+03	3.312D+02	-3.857D+02	-1.169D+04	-3.235D+04	5.163D+04
GRAND TOTAL	6.444D+03	1.095D+03	1.972D+03	6.317D+04	8.945D+04	2.187D+05	6.444D+03	1.095D+03	1.972D+03	6.317D+04	1.343D+05	2.437D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (155)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	1	1	1	1	8	1	8	1	1	1	8
X MAXIMUM	9.851D+02	5.911D+02	-3.542D+02	-1.193D+04	4.588D+04	-3.963D+04	7.992D+02	-7.916D+02	-3.542D+02	2.245D+04	3.712D+04	-3.387D+04
Y	19	19	19	19	19	19	19	19	19	19	19	19
Y MAXIMUM	3.710D+01	2.207D+01	2.508D+01	9.795D+02	-7.690D+02	-1.601D+03	4.183D+01	-1.063D+01	2.508D+01	2.590D+02	-9.703D+02	-1.672D+03
Z	5	1	11	11	5	5	5	5	11	5	1	5
Z MAXIMUM	-1.387D+03	3.299D+02	-4.754D+02	-1.169D+04	-3.235D+04	5.163D+04	-9.552D+02	1.006D+03	-4.754D+02	-2.798D+04	2.072D+04	4.516D+04
GRAND TOTAL	6.566D+03	1.054D+03	1.870D+03	6.317D+04	1.343D+05	2.437D+05	4.770D+03	4.593D+03	1.870D+03	1.077D+05	9.725D+04	2.161D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (155)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	8	1	1	1	8
X MAXIMUM	5.911D+02	-9.851D+02	-3.542D+02	4.057D+04	6.615D+03	-2.283D+04
Y	19	19	19	19	19	19
Y MAXIMUM	2.207D+01	-3.710D+01	2.508D+01	-3.928D+02	-6.032D+02	-1.376D+03
Z	1	5	11	5	5	5
Z MAXIMUM	3.299D+02	1.387D+03	-4.754D+02	-3.189D+04	7.868D+03	3.029D+04
GRAND TOTAL	1.054D+03	6.566D+03	1.870D+03	1.261D+05	4.617D+04	1.496D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (156)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	8	8	1	8	1	1	8	8	1	12	8
X MAXIMUM	5.903D+02	-5.002D+02	9.663D+02	4.057D+04	-2.283D+04	-6.615D+03	5.903D+02	-5.002D+02	9.663D+02	4.057D+04	7.256D+03	1.798D+04
Y	19	19	19	19	19	19	19	19	19	19	21	19
Y MAXIMUM	2.351D+01	3.914D+01	4.323D+01	-3.928D+02	-1.376D+03	6.032D+02	2.351D+01	3.914D+01	4.323D+01	-3.928D+02	-3.382D+02	-5.709D+02
Z	1	11	5	5	5	5	1	11	5	5	5	8
Z MAXIMUM	3.294D+02	-8.127D+02	-1.289D+03	-3.189D+04	3.029D+04	-7.868D+03	3.294D+02	-8.127D+02	-1.289D+03	-3.189D+04	-8.376D+03	2.013D+04
GRAND TOTAL	1.110D+03	3.162D+03	6.457D+03	1.261D+05	1.496D+05	4.617D+04	1.110D+03	3.162D+03	6.457D+03	1.261D+05	5.092D+04	9.977D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (157)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	1	8	5	1	12	8	1	8	5	1	1	8
X MAXIMUM	5.894D+02	9.825D+02	4.564D+02	4.057D+04	-4.085D+03	-1.864D+04	8.239D+02	8.505D+02	4.564D+02	2.980D+04	-2.727D+04	-3.003D+04
Y	19	25	19	19	21	19	24	19	19	19	19	19
Y MAXIMUM	2.494D+01	2.355D+01	-5.033D+01	-3.928D+02	4.270D+02	5.338D+02	-1.991D+01	-2.837D+01	-5.033D+01	-6.526D+02	-4.098D+02	8.043D+02
Z	1	11	5	5	11	8	11	11	5	5	5	11
Z MAXIMUM	3.290D+02	1.405D+03	7.002D+02	-3.189D+04	5.442D+03	-2.088D+04	9.668D+02	1.020D+03	7.002D+02	-1.992D+04	2.953D+04	-3.481D+04
GRAND TOTAL	1.231D+03	6.028D+03	3.191D+03	1.261D+05	2.751D+04	1.106D+05	4.013D+03	4.633D+03	3.191D+03	9.422D+04	1.143D+05	1.763D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (157)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	1	5	13	1	8
X MAXIMUM	9.825D+02	-5.894D+02	4.564D+02	8.775D+03	-3.986D+04	-3.669D+04

Y	25	19	19	19	25	19
Y MAXIMUM	2.355D+01	-2.494D+01	-5.033D+01	-9.723D+02	-3.641D+02	1.136D+03
Z	11	1	5	5	5	11
Z MAXIMUM	1.405D+03	-3.290D+02	7.002D+02	9.867D+03	4.239D+04	-4.139D+04
GRAND TOTAL	6.028D+03	1.231D+03	3.191D+03	5.098D+04	1.676D+05	2.083D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (158)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	1	5	13	1	8	8	1	5	13	1	8
X MAXIMUM	9.903D+02	5.894D+02	-3.521D+02	8.775D+03	3.986D+04	3.669D+04	9.903D+02	5.894D+02	-3.521D+02	8.775D+03	3.948D+04	3.735D+04
Y	25	19	19	19	25	19	25	19	19	19	19	19
Y MAXIMUM	2.451D+01	2.496D+01	4.265D+01	-9.723D+02	3.641D+02	-1.136D+03	2.451D+01	2.496D+01	4.265D+01	-9.723D+02	4.901D+02	-1.210D+03
Z	11	1	5	5	5	11	11	1	5	5	5	8
Z MAXIMUM	1.429D+03	3.290D+02	-5.402D+02	9.867D+03	-4.239D+04	4.139D+04	1.429D+03	3.290D+02	-5.402D+02	9.867D+03	-4.401D+04	4.184D+04
GRAND TOTAL	6.020D+03	1.240D+03	2.551D+03	5.098D+04	1.676D+05	2.083D+05	6.020D+03	1.240D+03	2.551D+03	5.098D+04	1.744D+05	2.100D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (159)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	12	1	13	1	8	8	12	1	13	1	12
X MAXIMUM	1.039D+03	2.553D+02	-6.185D+02	8.774D+03	3.948D+04	3.735D+04	1.039D+03	2.553D+02	-6.185D+02	8.774D+03	-6.162D+04	-3.344D+04
Y	25	19	38	19	19	19	25	19	38	19	38	44
Y MAXIMUM	3.049D+01	-1.089D+01	5.769D+00	-9.724D+02	4.901D+02	-1.210D+03	3.049D+01	-1.089D+01	5.769D+00	-9.724D+02	8.083D+02	-7.426D+02
Z	11	8	5	5	5	8	11	8	5	5	1	13
Z MAXIMUM	1.581D+03	2.033D+02	4.529D+02	9.865D+03	-4.401D+04	4.184D+04	1.581D+03	2.033D+02	4.529D+02	9.865D+03	-3.439D+04	2.114D+04
GRAND TOTAL	6.237D+03	1.395D+03	1.907D+03	5.097D+04	1.744D+05	2.100D+05	6.237D+03	1.395D+03	1.907D+03	5.097D+04	1.607D+05	1.199D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (160)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	1	8	13	12	1	8	1	8	5	12	1
X MAXIMUM	1.086D+03	6.597D+02	3.206D+02	8.774D+03	3.344D+04	-6.162D+04	1.130D+03	4.957D+02	3.206D+02	7.118D+03	3.292D+04	-6.390D+04
Y	25	38	47	19	44	38	25	38	47	19	44	38
Y MAXIMUM	3.625D+01	3.360D+01	2.737D+01	-9.724D+02	7.426D+02	8.083D+02	3.581D+01	3.996D+01	2.737D+01	-1.077D+03	6.432D+02	6.630D+02
Z	11	5	11	5	13	1	11	5	11	5	13	1
Z MAXIMUM	1.730D+03	-5.506D+02	4.467D+02	9.865D+03	-2.114D+04	-3.439D+04	1.741D+03	-2.871D+02	4.467D+02	1.092D+04	-2.256D+04	-3.567D+04
GRAND TOTAL	7.106D+03	2.357D+03	2.114D+03	5.097D+04	1.199D+05	1.607D+05	7.294D+03	1.646D+03	2.114D+03	4.980D+04	1.070D+05	1.646D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (160)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	8	12	12	1
X MAXIMUM	1.097D+03	3.397D+02	3.206D+02	1.246D+04	3.015D+04	-6.547D+04
Y	25	38	47	19	44	38
Y MAXIMUM	3.292D+01	4.359D+01	2.737D+01	-1.089D+03	5.000D+02	4.980D+02
Z	11	11	11	5	13	1
Z MAXIMUM	1.633D+03	-6.317D+02	4.467D+02	1.094D+04	-2.245D+04	-3.654D+04
GRAND TOTAL	6.989D+03	2.250D+03	2.114D+03	6.289D+04	9.500D+04	1.617D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (161)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	10	12	1	12	8	8	10	12	1	12
X MAXIMUM	1.110D+03	3.479D+02	-3.506D+02	1.246D+04	-6.547D+04	-3.015D+04	1.110D+03	3.479D+02	-3.506D+02	1.246D+04	-7.476D+04	-2.322D+04
Y	25	47	38	19	38	44	25	47	38	19	19	19
Y MAXIMUM	3.390D+01	3.359D+01	-5.254D+01	-1.089D+03	4.980D+02	-5.000D+02	3.390D+01	3.359D+01	-5.254D+01	-1.089D+03	-1.160D+03	-8.993D+02
Z	11	11	11	5	1	13	11	11	11	5	1	13
Z MAXIMUM	1.662D+03	5.077D+02	6.482D+02	1.094D+04	-3.654D+04	2.245D+04	1.662D+03	5.077D+02	6.482D+02	1.094D+04	-4.173D+04	2.070D+04
GRAND TOTAL	7.165D+03	2.493D+03	2.419D+03	6.289D+04	1.617D+05	9.500D+04	7.165D+03	2.493D+03	2.419D+03	6.289D+04	1.493D+05	9.780D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (162)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	6	8	10	12	1	12	8	8	10	12	1	12
X MAXIMUM	1.123D+03	3.565D+02	-3.543D+02	1.246D+04	-7.476D+04	-2.322D+04	1.123D+03	3.565D+02	-3.543D+02	1.246D+04	-7.766D+04	-2.086D+04
Y	25	47	38	19	19	19	25	47	38	19	38	19
Y MAXIMUM	3.490D+01	3.491D+01	-5.797D+01	-1.089D+03	-1.160D+03	-8.993D+02	3.490D+01	3.491D+01	-5.797D+01	-1.089D+03	-1.654D+03	-1.177D+03
Z	11	11	11	5	1	13	11	11	11	5	1	13
Z MAXIMUM	1.692D+03	5.266D+02	6.543D+02	1.094D+04	-4.173D+04	2.070D+04	1.692D+03	5.266D+02	6.543D+02	1.094D+04	-4.335D+04	2.006D+04
GRAND TOTAL	7.348D+03	2.600D+03	2.478D+03	6.289D+04	1.493D+05	9.780D+04	7.348D+03	2.600D+03	2.478D+03	6.289D+04	1.579D+05	1.129D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (163)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	1	12	1	13	12	8	1	12	1	13
X MAXIMUM	-4.474D+02	3.945D+02	9.616D+02	-2.897D+04	-7.002D+04	1.198D+04	-4.474D+02	3.945D+02	9.616D+02	-2.897D+04	-6.040D+04	1.365D+04
Y	38	19	19	47	38	19	38	19	19	47	38	19
Y MAXIMUM	8.551D+01	1.334D+02	1.291D+01	5.131D+02	-1.231D+03	-2.280D+03	8.551D+01	1.334D+02	1.291D+01	5.131D+02	-1.168D+03	-3.614D+03
Z	11	11	5	11	5	13	11	11	5	11	5	13
Z MAXIMUM	-5.053D+02	5.884D+02	-5.959D+02	2.423D+04	4.307D+04	1.159D+04	-5.053D+02	5.884D+02	-5.959D+02	2.423D+04	3.711D+04	1.321D+04
GRAND TOTAL	2.808D+03	3.008D+03	2.737D+03	1.388D+05	2.031D+05	5.846D+04	2.808D+03	3.008D+03	2.737D+03	1.388D+05	1.760D+05	8.321D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (164)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	8	12	12	12	12	13	8	12	12	12
X MAXIMUM	-5.302D+02	2.327D+02	-7.738D+02	-4.983D+04	2.317D+04	-2.154D+04	-5.302D+02	2.327D+02	-7.738D+02	-4.983D+04	2.886D+04	-1.944D+04
Y	38	19	50	19	50	19	38	19	50	19	25	21
Y MAXIMUM	2.349D+01	-1.010D+02	3.665D+01	-7.654D+02	-8.764D+02	-1.191D+03	2.349D+01	-1.010D+02	3.665D+01	-7.654D+02	5.212D+02	-3.040D+02
Z	13	13	11	13	11	13	13	13	11	13	13	13
Z MAXIMUM	3.566D+02	2.252D+02	-1.412D+03	3.634D+04	2.362D+04	1.478D+04	3.566D+02	2.252D+02	-1.412D+03	3.634D+04	-1.980D+04	1.253D+04
GRAND TOTAL	1.496D+03	1.441D+03	5.986D+03	1.375D+05	1.436D+05	7.294D+04	1.496D+03	1.441D+03	5.986D+03	1.375D+05	1.062D+05	6.294D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (165)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	13	8	12	12	12	12	12	8	12	12	12
X MAXIMUM	-5.281D+02	-2.273D+02	7.846D+02	-4.983D+04	-2.886D+04	1.944D+04	-4.080D+02	3.948D+02	7.846D+02	-5.792D+04	-1.180D+04	1.728D+04
Y	38	19	50	19	25	21	19	19	50	19	50	19
Y MAXIMUM	1.988D+01	9.697D+01	-3.865D+01	-7.654D+02	-5.212D+02	3.040D+02	3.888D+01	8.886D+01	-3.865D+01	-6.553D+02	4.110D+02	-4.848D+02
Z	13	13	11	13	13	13	13	13	11	13	13	13
Z MAXIMUM	3.564D+02	-2.199D+02	1.439D+03	3.634D+04	1.980D+04	-1.253D+04	2.451D+02	-3.396D+02	1.439D+03	4.171D+04	7.178D+03	-1.052D+04
GRAND TOTAL	1.480D+03	1.392D+03	6.153D+03	1.375D+05	1.062D+05	6.294D+04	1.411D+03	1.607D+03	6.153D+03	1.477D+05	4.520D+04	5.604D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (165)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	8	12	12	12
X MAXIMUM	-2.259D+02	5.209D+02	7.846D+02	-5.886D+04	7.055D+03	1.400D+04
Y	19	19	50	19	19	19
Y MAXIMUM	6.992D+01	6.721D+01	-3.865D+01	-5.061D+02	4.111D+02	-1.044D+03
Z	11	13	11	13	13	13
Z MAXIMUM	1.445D+02	-4.075D+02	1.439D+03	4.184D+04	-6.541D+03	-7.850D+03
GRAND TOTAL	1.218D+03	1.699D+03	6.153D+03	1.456D+05	3.056D+04	5.073D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (166)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	12	8	12	12	12	13	12	8	12	12	12
X MAXIMUM	-2.271D+02	5.117D+02	7.940D+02	-5.886D+04	7.055D+03	1.400D+04	-5.879D+01	5.597D+02	7.940D+02	-5.259D+04	2.447D+04	1.017D+04

Y	19	19	50	19	19	19	19	19	50	13	44	19
Y MAXIMUM	6.524D+01	6.252D+01	-4.005D+01	-5.061D+02	4.111D+02	-1.044D+03	8.420D+01	3.280D+01	-4.005D+01	4.116D+02	-5.229D+02	-1.385D+03
Z	11	13	11	13	13	13	11	13	11	13	13	11
Z MAXIMUM	1.408D+02	-3.968D+02	1.465D+03	4.184D+04	-6.541D+03	-7.850D+03	1.005D+02	-4.060D+02	1.465D+03	3.675D+04	-1.902D+04	-6.968D+03
GRAND TOTAL	1.176D+03	1.652D+03	6.330D+03	1.456D+05	3.056D+04	5.073D+04	9.787D+02	1.632D+03	6.330D+03	1.358D+05	9.058D+04	4.394D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (166)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	8	12	12	12
X MAXIMUM	-2.149D+02	5.225D+02	7.940D+02	-4.013D+04	3.816D+04	6.294D+03
Y	19	38	50	13	44	19
Y MAXIMUM	9.034D+01	-1.580D+01	-4.005D+01	3.055D+02	-7.721D+02	-1.495D+03
Z	13	13	11	13	13	11
Z MAXIMUM	-2.079D+02	-3.533D+02	1.465D+03	2.728D+04	-2.861D+04	-5.966D+03
GRAND TOTAL	1.300D+03	1.455D+03	6.330D+03	1.224D+05	1.411D+05	3.518D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (167)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	8	12	12	12	12	13	8	12	12	12	12
X MAXIMUM	-2.031D+02	-7.958D+02	5.090D+02	-4.013D+04	-6.294D+03	3.816D+04	-2.031D+02	-7.958D+02	5.090D+02	-4.013D+04	-3.240D+03	3.408D+04
Y	19	50	38	13	19	44	19	50	38	13	19	44
Y MAXIMUM	8.525D+01	4.023D+01	-1.306D+01	3.055D+02	1.495D+03	-7.721D+02	8.525D+01	4.023D+01	-1.306D+01	3.055D+02	1.480D+03	-9.267D+02
Z	13	11	13	13	11	13	13	11	13	13	11	13
Z MAXIMUM	-1.965D+02	-1.470D+03	-3.439D+02	2.728D+04	5.966D+03	-2.861D+04	-1.965D+02	-1.470D+03	-3.439D+02	2.728D+04	5.044D+03	-2.590D+04
GRAND TOTAL	1.225D+03	6.374D+03	1.415D+03	1.224D+05	3.518D+04	1.411D+05	1.225D+03	6.374D+03	1.415D+03	1.224D+05	2.751D+04	1.626D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (168)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	1.547D+02	1.372D+03	4.295D+02	-4.013D+04	-3.240D+03	3.408D+04	1.547D+02	1.372D+03	4.295D+02	-4.013D+04	3.112D+04	-7.568D+04
Y	19	13	19	13	19	44	19	13	19	13	19	13
Y MAXIMUM	6.350D+01	-1.071D+01	-6.274D+00	3.055D+02	1.480D+03	-9.267D+02	6.350D+01	-1.071D+01	-6.274D+00	3.055D+02	9.776D+02	5.670D+02
Z	13	13	13	13	11	13	13	13	13	13	13	13
Z MAXIMUM	-1.478D+02	-9.567D+02	-2.880D+02	2.728D+04	5.044D+03	-2.590D+04	-1.478D+02	-9.567D+02	-2.880D+02	2.728D+04	-2.285D+04	5.063D+04
GRAND TOTAL	9.033D+02	3.335D+03	1.205D+03	1.224D+05	2.751D+04	1.626D+05	9.033D+02	3.335D+03	1.205D+03	1.224D+05	8.156D+04	2.277D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (169)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	5.524D+01	-5.687D+02	-3.450D+02	-4.488D+04	3.117D+04	-7.321D+04	5.524D+01	-5.687D+02	-3.450D+02	-4.488D+04	2.565D+04	-6.711D+04
Y	19	50	19	13	19	13	19	50	19	13	19	13
Y MAXIMUM	1.603D+01	-6.596D+00	-1.604D+01	3.418D+02	1.047D+03	5.719D+02	1.603D+01	-6.596D+00	-1.604D+01	3.418D+02	7.901D+02	5.057D+02
Z	5	11	13	13	13	13	5	11	13	13	13	13
Z MAXIMUM	4.080D+01	4.145D+02	2.523D+02	3.052D+04	-2.295D+04	5.107D+04	4.080D+01	4.145D+02	2.523D+02	3.052D+04	-1.892D+04	4.516D+04
GRAND TOTAL	4.058D+02	2.338D+03	9.167D+02	1.348D+05	8.191D+04	2.257D+05	4.058D+02	2.338D+03	9.167D+02	1.348D+05	6.727D+04	1.898D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (170)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	12	12	12	12	13	12	12	12	12	12
X MAXIMUM	4.415D+01	-1.940D+03	-8.700D+02	-5.060D+04	2.350D+04	-6.208D+04	4.415D+01	-1.940D+03	-8.700D+02	-5.060D+04	2.002D+04	-5.432D+04
Y	19	13	19	13	19	13	19	13	19	13	19	13
Y MAXIMUM	-1.197D+01	1.465D+01	-2.000D+01	3.856D+02	8.367D+02	4.682D+02	-1.197D+01	1.465D+01	-2.000D+01	3.856D+02	7.567D+02	4.096D+02
Z	5	13	13	13	13	13	5	13	13	13	13	13
Z MAXIMUM	6.565D+01	1.308D+03	6.166D+02	3.444D+04	-1.750D+04	4.181D+04	6.565D+01	1.308D+03	6.166D+02	3.444D+04	-1.503D+04	3.657D+04
GRAND TOTAL	3.439D+02	5.819D+03	2.252D+03	1.494D+05	6.238D+04	1.738D+05	3.439D+02	5.819D+03	2.252D+03	1.494D+05	5.372D+04	1.507D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (171)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	13	12	12	12	12	13	12	13	12	12	12	12
X MAXIMUM	6.312D+01	1.869D+02	-2.577D+03	-5.060D+04	5.789D+04	-2.207D+03	1.164D+02	-1.584D+02	-2.577D+03	-8.432D+03	4.391D+04	-1.501D+03
Y	19	19	13	13	13	19	50	19	13	50	13	19
Y MAXIMUM	-2.019D+01	2.192D+01	1.962D+01	3.856D+02	-4.422D+02	8.312D+02	-1.375D+01	2.978D+01	1.962D+01	-1.879D+02	-3.355D+02	4.458D+02
Z	5	13	13	13	13	5	13	13	13	13	13	5
Z MAXIMUM	7.308D+01	-1.556D+02	1.752D+03	3.444D+04	-3.948D+04	-2.296D+03	-6.687D+01	-1.532D+02	1.752D+03	5.669D+03	-2.996D+04	-1.147D+03
GRAND TOTAL	4.390D+02	9.409D+02	7.312D+03	1.494D+05	1.574D+05	1.651D+04	4.730D+02	9.171D+02	7.312D+03	3.456D+04	1.232D+05	8.304D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (171)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	12	12
X MAXIMUM	1.869D+02	-6.312D+01	-2.577D+03	1.150D+04	4.215D+03	-2.769D+03
Y	19	19	13	19	50	38
Y MAXIMUM	2.192D+01	2.019D+01	1.962D+01	-9.930D+01	1.731D+02	2.222D+02
Z	13	5	13	13	13	13
Z MAXIMUM	-1.556D+02	-7.308D+01	1.752D+03	-7.939D+03	-2.890D+03	1.766D+03
GRAND TOTAL	9.409D+02	4.390D+02	7.312D+03	2.838D+04	1.844D+04	8.918D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (172)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	12	12	12	13	12	12	12	13
X MAXIMUM	1.871D+02	-9.045D+01	-3.335D+03	1.150D+04	4.215D+03	-2,770D+03	1.871D+02	-9.045D+01	-3.335D+03	1.150D+04	-1.084D+05	4.877D+03
Y	19	19	13	19	50	38	19	19	13	19	13	19
Y MAXIMUM	2.197D+01	3.308D+01	2.545D+01	-9.930D+01	1.731D+02	2.222D+02	2.197D+01	3.308D+01	2.545D+01	-9.930D+01	8.266D+02	-1.043D+03
Z	13	13	13	13	13	13	13	13	13	13	13	13
Z MAXIMUM	-1.558D+02	-8.753D+01	2.273D+03	-7.939D+03	-2.890D+03	1.766D+03	-1.558D+02	-8.753D+01	2.273D+03	-7.939D+03	7.382D+04	4.720D+03
GRAND TOTAL	9.426D+02	6.052D+02	9.288D+03	2.838D+04	1.844D+04	8.919D+03	9.426D+02	6.052D+02	9.288D+03	2.838D+04	2.974D+05	2.532D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (173)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	12	13	12	13	12	12	12	13
X MAXIMUM	1.873D+02	-1.119D+02	-3.954D+03	1.150D+04	-1.084D+05	4.877D+03	1.873D+02	-1.119D+02	-3.954D+03	1.150D+04	-3.624D+05	1.207D+04
Y	19	19	13	19	13	19	19	19	13	19	13	19
Y MAXIMUM	2.201D+01	4.368D+01	3.020D+01	-9.930D+01	8.266D+02	-1.043D+03	2.201D+01	4.368D+01	3.020D+01	-9.930D+01	2.767D+03	-3.850D+03
Z	13	13	13	13	13	13	13	13	13	13	13	13
Z MAXIMUM	-1.560D+02	-1.083D+02	2.697D+03	-7.939D+03	7.382D+04	4.720D+03	-1.560D+02	-1.083D+02	2.697D+03	-7.939D+03	2.471D+05	1.168D+04
GRAND TOTAL	9.444D+02	7.496D+02	1.091D+04	2.837D+04	2.974D+05	2.532D+04	9.444D+02	7.496D+02	1.091D+04	2.837D+04	9.971D+05	7.284D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (174)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	1	12	1	13	12	8	1	12	1	13
X MAXIMUM	-4.494D+02	3.957D+02	9.629D+02	-2.897D+04	-6.040D+04	1.365D+04	-4.494D+02	3.957D+02	9.629D+02	-2.897D+04	-4.698D+04	1.601D+04
Y	38	19	19	47	38	19	38	19	19	47	38	19
Y MAXIMUM	8.907D+01	1.348D+02	1.320D+01	5.131D+02	-1.168D+03	-3.614D+03	8.907D+01	1.348D+02	1.320D+01	5.131D+02	-1.061D+03	-5.494D+03
Z	11	11	5	11	5	13	11	11	5	11	5	5
Z MAXIMUM	-5.069D+02	5.906D+02	-6.051D+02	2.423D+04	3.711D+04	1.321D+04	-5.069D+02	5.906D+02	-6.051D+02	2.423D+04	2.867D+04	1.663D+04
GRAND TOTAL	2.832D+03	3.025D+03	2.747D+03	1.388D+05	1.760D+05	8.321D+04	2.832D+03	3.025D+03	2.747D+03	1.388D+05	1.379D+05	1.230D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (175)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	1	12	1	13	12	13	1	12	1	13
X MAXIMUM	-4.513D+02	3.848D+02	9.645D+02	-2.897D+04	-4.698D+04	1.601D+04	-4.513D+02	3.848D+02	9.645D+02	-2.897D+04	-3.920D+04	1.291D+04

Y	38	19	19	47	38	19	38	19	19	47	38	19
Y MAXIMUM	9.231D+01	-1.001D+02	1.336D+01	5.131D+02	-1.061D+03	-5.494D+03	9.231D+01	-1.001D+02	1.336D+01	5.131D+02	-9.864D+02	-4.687D+03
Z	11	11	5	11	5	5	11	11	5	11	5	5
Z MAXIMUM	-5.083D+02	-4.126D+02	-6.128D+02	2.423D+04	2.867D+04	1.663D+04	-5.083D+02	-4.126D+02	-6.128D+02	2.423D+04	2.373D+04	1.407D+04
GRAND TOTAL	2.854D+03	2.818D+03	2.774D+03	1.388D+05	1.379D+05	1.230D+05	2.854D+03	2.818D+03	2.774D+03	1.388D+05	1.156D+05	1.006D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (176)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	1	12	1	13	12	13	1	12	1	5
X MAXIMUM	-4.557D+02	3.795D+02	9.551D+02	-2.467D+04	-3.912D+04	1.272D+04	-4.557D+02	3.795D+02	9.551D+02	-2.467D+04	-1.441D+04	3.654D+03
Y	38	19	19	47	38	19	38	19	19	47	38	19
Y MAXIMUM	1.001D+02	-1.010D+02	1.397D+01	4.860D+02	-9.818D+02	-4.568D+03	1.001D+02	-1.010D+02	1.397D+01	4.860D+02	-6.296D+02	-1.954D+03
Z	11	11	5	11	5	5	11	11	5	11	1	5
Z MAXIMUM	-5.078D+02	-4.136D+02	-6.361D+02	2.133D+04	2.381D+04	1.376D+04	-5.078D+02	-4.136D+02	-6.361D+02	2.133D+04	-8.044D+03	5.606D+03
GRAND TOTAL	2.903D+03	2.797D+03	2.854D+03	1.225D+05	1.154D+05	9.850D+04	2.903D+03	2.797D+03	2.854D+03	1.225D+05	4.416D+04	3.562D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (177)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	13	1	12	1	5	12	5	1	12	12	12
X MAXIMUM	-4.600D+02	3.819D+02	9.588D+02	-2.467D+04	-1.441D+04	3.654D+03	-5.304D+02	1.721D+02	9.588D+02	-2.230D+04	1.279D+04	3.081D+03
Y	38	19	38	47	38	19	38	19	38	47	38	38
Y MAXIMUM	1.080D+02	-1.050D+02	1.850D+01	4.860D+02	-6.296D+02	-1.954D+03	8.160D+01	-9.666D+01	1.850D+01	5.172D+02	-3.957D+02	-6.306D+02
Z	11	11	5	11	1	5	11	5	5	11	11	5
Z MAXIMUM	-5.111D+02	-4.192D+02	-6.440D+02	2.133D+04	-8.044D+03	5.606D+03	-6.578D+02	2.640D+02	-6.440D+02	1.684D+04	-1.045D+04	1.260D+03
GRAND TOTAL	2.956D+03	2.821D+03	2.924D+03	1.225D+05	4.416D+04	3.562D+04	3.670D+03	1.918D+03	2.924D+03	9.659D+04	6.127D+04	1.478D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (177)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	1	12	12	10
X MAXIMUM	3.819D+02	4.600D+02	9.588D+02	-6.584D+03	2.514D+04	2.332D+03
Y	19	38	38	47	47	38
Y MAXIMUM	-1.050D+02	-1.080D+02	1.850D+01	3.171D+02	-3.637D+02	7.046D+02
Z	11	11	5	11	13	11
Z MAXIMUM	-4.192D+02	5.111D+02	-6.440D+02	6.548D+03	-1.704D+04	-3.261D+03
GRAND TOTAL	2.821D+03	2.956D+03	2.924D+03	3.701D+04	8.650D+04	1.970D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (178)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	1	12	12	10	12	13	1	12	12	10	12
X MAXIMUM	3.830D+02	-9.589D+02	4.605D+02	-6.584D+03	-2.332D+03	2.514D+04	3.830D+02	-9.589D+02	4.605D+02	-6.584D+03	-3.305D+03	2.523D+04
Y	19	38	38	47	38	47	19	38	38	47	38	47
Y MAXIMUM	-1.070D+02	-1.877D+01	-1.086D+02	3.171D+02	-7.046D+02	-3.637D+02	-1.070D+02	-1.877D+01	-1.086D+02	3.171D+02	-1.031D+03	-3.431D+02
Z	11	5	11	11	11	13	11	5	11	11	11	13
Z MAXIMUM	-4.237D+02	6.440D+02	5.114D+02	6.548D+03	3.261D+03	-1.704D+04	-4.237D+02	6.440D+02	5.114D+02	6.548D+03	4.795D+03	-1.762D+04
GRAND TOTAL	2.833D+03	2.927D+03	2.960D+03	3.701D+04	1.970D+04	8.650D+04	2.833D+03	2.927D+03	2.960D+03	3.701D+04	2.703D+04	8.144D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (179)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	47	12	10	12	13	12	47	12	12	47
X MAXIMUM	3.916D+02	1.062D+02	1.758D+01	-6.584D+03	-3.305D+03	2.523D+04	3.916D+02	1.062D+02	1.758D+01	-6.584D+03	2.902D+03	2.515D+03
Y	19	47	47	47	38	47	19	47	47	47	38	38
Y MAXIMUM	-1.228D+02	-4.801D+00	6.075D+00	3.171D+02	-1.031D+03	-3.431D+02	-1.228D+02	-4.801D+00	6.075D+00	3.171D+02	-1.025D+03	1.093D+03
Z	11	13	11	11	11	13	11	13	11	11	11	11
Z MAXIMUM	-4.610D+02	-7.935D+01	-3.081D+01	6.548D+03	4.795D+03	-1.762D+04	-4.610D+02	-7.935D+01	-3.081D+01	6.548D+03	-2.984D+03	-3.247D+03
GRAND TOTAL	2.996D+03	3.557D+02	1.415D+02	3.701D+04	2.703D+04	8.144D+04	2.996D+03	3.557D+02	1.415D+02	3.701D+04	2.152D+04	2.617D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (180)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	47	12	12	13	13	12	47	12	12	13
X MAXIMUM	3.938D+02	1.646D+02	-1.803D+02	-6.716D+03	2.625D+03	2.925D+03	3.938D+02	1.646D+02	-1.803D+02	-6.716D+03	2.260D+03	3.417D+03
Y	19	38	38	47	38	19	19	38	38	47	47	19
Y MAXIMUM	-1.415D+02	3.981D+01	8.407D+01	2.153D+02	-7.377D+02	-1.012D+03	-1.415D+02	3.981D+01	8.407D+01	2.153D+02	4.516D+02	-9.420D+02
Z	11	13	38	11	11	13	11	13	38	11	11	13
Z MAXIMUM	-5.082D+02	-1.057D+02	7.555D+01	6.617D+03	-2.964D+03	2.831D+03	-5.082D+02	-1.057D+02	7.555D+01	6.617D+03	-2.916D+03	3.306D+03
GRAND TOTAL	3.321D+03	8.711D+02	7.530D+02	3.684D+04	1.947D+04	2.481D+04	3.321D+03	8.711D+02	7.530D+02	3.684D+04	1.684D+04	2.375D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (181)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	13	12	47	12	12	13	13	8	47	12	12	12
X MAXIMUM	3.942D+02	-1.678D+02	1.959D+02	-6.716D+03	-2.260D+03	-3.417D+03	3.568D+02	2.551D+02	1.959D+02	-5.885D+03	4.265D+03	3.741D+03
Y	19	38	38	47	47	19	19	19	38	38	38	38
Y MAXIMUM	-1.432D+02	-4.289D+01	-9.036D+01	2.153D+02	-4.516D+02	9.420D+02	-8.932D+01	1.132D+02	-9.036D+01	-3.405D+02	-7.779D+02	2.116D+02
Z	11	11	38	11	11	13	13	11	38	11	11	13
Z MAXIMUM	-5.123D+02	1.075D+02	-8.121D+01	6.617D+03	2.916D+03	-3.306D+03	3.453D+02	4.383D+02	-8.121D+01	6.666D+03	-2.796D+03	-2.654D+03
GRAND TOTAL	3.357D+03	9.133D+02	8.154D+02	3.684D+04	1.684D+04	2.375D+04	2.286D+03	2.565D+03	8.154D+02	3.530D+04	2.190D+04	1.293D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (181)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	47	47	12	8
X MAXIMUM	-1.678D+02	-3.942D+02	1.959D+02	2.220D+03	8.291D+03	-4.834D+03
Y	38	19	38	38	38	19
Y MAXIMUM	-4.289D+01	1.432D+02	-9.036D+01	-1.267D+03	-1.459D+03	-1.940D+03
Z	11	11	38	11	11	11
Z MAXIMUM	1.075D+02	5.123D+02	-8.121D+01	2.662D+03	-6.871D+03	-8.834D+03
GRAND TOTAL	9.133D+02	3.357D+03	8.154D+02	1.706D+04	4.698D+04	4.405D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (182)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	47	47	12	8	12	13	47	47	12	8
X MAXIMUM	-1.678D+02	3.947D+02	-1.975D+02	2.220D+03	-8.291D+03	4.834D+03	-1.678D+02	3.947D+02	-1.975D+02	2.220D+03	-9.433D+03	9.072D+03
Y	38	19	38	38	38	19	38	19	38	38	38	19
Y MAXIMUM	-4.291D+01	-1.435D+02	9.090D+01	-1.267D+03	1.459D+03	1.940D+03	-4.291D+01	-1.435D+02	9.090D+01	-1.267D+03	2.641D+03	3.806D+03
Z	11	11	38	11	11	11	11	11	38	11	11	11
Z MAXIMUM	1.075D+02	-5.130D+02	8.169D+01	2.662D+03	6.871D+03	8.834D+03	1.075D+02	-5.130D+02	8.169D+01	2.662D+03	7.057D+03	1.550D+04
GRAND TOTAL	9.135D+02	3.363D+03	8.205D+02	1.706D+04	4.698D+04	4.405D+04	9.135D+02	3.363D+03	8.205D+02	1.706D+04	5.670D+04	8.538D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (183)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	5	12	8	12	12	12	5	12	8	12
X MAXIMUM	7.073D+00	-4.057D+01	2.310D+00	3.789D+02	2.570D+02	-4.302D+03	7.073D+00	-4.057D+01	2.310D+00	3.789D+02	2.423D+02	-4.044D+03
Y	38	50	38	50	19	19	38	50	38	50	19	19
Y MAXIMUM	-9.126D-01	-1.759D+00	-2.679D+00	-8.197D+00	1.191D+02	7.217D+01	-9.126D-01	-1.759D+00	-2.679D+00	-8.197D+00	1.108D+02	6.918D+01
Z	13	11	5	11	11	11	13	11	5	11	11	11
Z MAXIMUM	-5.971D+00	3.103D+01	3.544D+00	-2.666D+02	3.990D+02	2.898D+03	-5.971D+00	3.103D+01	3.544D+00	-2.666D+02	3.811D+02	2.700D+03
GRAND TOTAL	3.209D+01	1.799D+02	3.222D+01	1.524D+03	2.242D+03	1.659D+04	3.209D+01	1.799D+02	3.222D+01	1.524D+03	2.111D+03	1.555D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (184)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	8	12	8	12	12	12	8	12	8	12
X MAXIMUM	7.061D+00	-4.052D+01	-2.345D+00	3.789D+02	2.423D+02	-4.044D+03	7.061D+00	-4.052D+01	-2.345D+00	3.789D+02	2.329D+02	-3.882D+03

Y	38	50	38	50	19	19	38	50	38	50	19	19
Y MAXIMUM	-9.099D-01	-1.603D+00	-2.426D+00	-8.197D+00	1.108D+02	6.918D+01	-9.099D-01	-1.603D+00	-2.426D+00	-8.197D+00	1.056D+02	6.726D+01
Z	13	11	5	11	11	11	13	11	5	11	11	11
Z MAXIMUM	-6.008D+00	3.062D+01	3.518D+00	-2.666D+02	3.811D+02	2.700D+03	-6.008D+00	3.062D+01	3.518D+00	-2.666D+02	3.694D+02	2.578D+03
GRAND TOTAL	3.206D+01	1.772D+02	3.111D+01	1.524D+03	2.111D+03	1.555D+04	3.206D+01	1.772D+02	3.111D+01	1.524D+03	2.035D+03	1.491D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (185)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	8	12	8	12	12	12	8	12	8	12
X MAXIMUM	6.927D+00	-4.381D+01	-2.967D+00	3.789D+02	2.329D+02	-3.882D+03	6.927D+00	-4.381D+01	-2.967D+00	3.789D+02	-8.635D+01	8.334D+02
Y	38	19	19	50	19	19	38	19	19	50	19	19
Y MAXIMUM	-8.804D-01	7.145D-01	-1.289D+00	-8.197D+00	1.056D+02	6.726D+01	-8.804D-01	7.145D-01	-1.289D+00	-8.197D+00	-3.307D+01	-9.633D+00
Z	13	11	11	11	11	11	13	11	11	11	11	13
Z MAXIMUM	-6.406D+00	2.857D+01	-4.769D+00	-2.666D+02	3.694D+02	2.578D+03	-6.406D+00	2.857D+01	-4.769D+00	-2.666D+02	-1.439D+02	-5.545D+02
GRAND TOTAL	3.291D+01	1.653D+02	2.543D+01	1.524D+03	2.035D+03	1.491D+04	3.291D+01	1.653D+02	2.543D+01	1.524D+03	7.102D+02	2.902D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (186)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	13	12	8	12	13	12	13	12	8	12
X MAXIMUM	-7.008D+00	1.019D+01	3.414D+00	3.789D+02	-8.635D+01	8.334D+02	-7.008D+00	1.019D+01	3.414D+00	3.789D+02	-8.614D+01	8.232D+02
Y	19	50	19	50	19	19	19	50	19	50	19	19
Y MAXIMUM	8.530D-01	1.601D+00	-6.476D-01	-8.197D+00	-3.307D+01	-9.633D+00	8.530D-01	1.601D+00	-6.476D-01	-8.197D+00	-3.372D+01	-9.424D+00
Z	13	11	13	11	11	13	13	11	13	11	11	13
Z MAXIMUM	-6.781D+00	-8.468D+00	3.304D+00	-2.666D+02	-1.439D+02	-5.545D+02	-6.781D+00	-8.468D+00	3.304D+00	-2.666D+02	-1.427D+02	-5.483D+02
GRAND TOTAL	3.545D+01	5.331D+01	1.802D+01	1.524D+03	7.102D+02	2.902D+03	3.545D+01	5.331D+01	1.802D+01	1.524D+03	7.211D+02	2.857D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (187)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	12	12	13	12	13	12	12	12	13	12
X MAXIMUM	-7.871D+00	1.443D+01	-3.205D+00	3.535D+02	9.132D+01	6.761D+02	-7.871D+00	1.443D+01	-3.205D+00	3.535D+02	9.450D+01	6.617D+02
Y	19	19	19	19	19	44	19	19	19	19	19	44
Y MAXIMUM	1.947D+00	-4.763D-01	-4.993D-01	-3.918D+00	-3.398D+01	1.013D+01	1.947D+00	-4.763D-01	-4.993D-01	-3.918D+00	-3.448D+01	1.020D+01
Z	13	11	13	11	11	13	13	11	13	11	11	13
Z MAXIMUM	-7.616D+00	-1.013D+01	3.073D+00	-2.567D+02	-1.183D+02	-4.581D+02	-7.616D+00	-1.013D+01	3.073D+00	-2.567D+02	-1.167D+02	-4.492D+02
GRAND TOTAL	4.336D+01	5.647D+01	1.640D+01	1.423D+03	7.764D+02	2.316D+03	4.336D+01	5.647D+01	1.640D+01	1.423D+03	7.844D+02	2.261D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (188)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	13	12	12	12	12	12	13	12	12	12	12	12
X MAXIMUM	-7.908D+00	-1.957D+00	1.505D+01	3.535D+02	-6.050D+02	-2.734D+02	-5.436D+00	-5.775D+00	1.505D+01	-1.514D+02	-6.139D+02	-2.542D+02
Y	19	19	50	19	19	19	19	19	50	19	19	19
Y MAXIMUM	1.990D+00	6.259D-01	-3.258D-01	-3.918D+00	1.612D+01	-3.087D+01	1.850D+00	-9.644D-01	-3.258D-01	8.102D+00	1.290D+01	-3.003D+01
Z	13	11	11	11	13	13	13	13	11	13	11	13
Z MAXIMUM	-7.652D+00	1.888D+00	-1.029D+01	-2.567D+02	3.927D+02	2.365D+02	-5.260D+00	5.562D+00	-1.029D+01	1.004D+02	4.097D+02	2.221D+02
GRAND TOTAL	4.380D+01	1.278D+01	5.743D+01	1.423D+03	2.233D+03	1.015D+03	3.673D+01	2.556D+01	5.743D+01	5.684D+02	2.316D+03	9.655D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (188)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	12	12
X MAXIMUM	-1.957D+00	7.908D+00	1.505D+01	-5.147D+02	-2.632D+02	-2.244D+02
Y	19	19	50	19	50	19
Y MAXIMUM	6.259D-01	-1.990D+00	-3.258D-01	1.432D+01	-5.195D+00	-2.269D+01
Z	11	13	11	13	11	13
Z MAXIMUM	1.888D+00	7.652D+00	-1.029D+01	3.342D+02	1.950D+02	1.893D+02
GRAND TOTAL	1.278D+01	4.380D+01	5.743D+01	1.889D+03	1.096D+03	8.098D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (189)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	12	12	12	12	13	12	12	1	12
X MAXIMUM	-2.464D+00	8.037D+00	1.636D+01	-5.146D+02	-2.632D+02	-2.247D+02	-2.464D+00	8.037D+00	1.636D+01	-5.146D+02	9.027D+01	-1.133D+02
Y	19	19	50	19	50	19	19	19	50	19	50	19
Y MAXIMUM	6.226D-01	-2.087D+00	-3.922D-01	1.433D+01	-5.195D+00	-2.268D+01	6.226D-01	-2.087D+00	-3.922D-01	1.433D+01	-1.220D+01	1.458D+01
Z	11	13	11	13	11	13	11	13	11	13	1	11
Z MAXIMUM	2.027D+00	7.778D+00	-1.098D+01	3.341D+02	1.950D+02	1.895D+02	2.027D+00	7.778D+00	-1.098D+01	3.341D+02	5.039D+01	7.171D+01
GRAND TOTAL	1.344D+01	4.499D+01	6.262D+01	1.889D+03	1.096D+03	8.105D+02	1.344D+01	4.499D+01	6.262D+01	1.889D+03	2.345D+02	4.894D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (190)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	13	12	12	1	12	13	12	12	12	12	12
X MAXIMUM	-2.951D+00	-8.092D+00	-1.751D+01	-5.147D+02	-9.027D+01	1.130D+02	-5.071D+00	6.530D+00	-1.751D+01	-4.151D+02	2.692D+02	8.114D+01
Y	19	19	19	19	50	19	19	19	19	19	50	19
Y MAXIMUM	6.187D-01	2.111D+00	3.906D-01	1.434D+01	1.220D+01	-1.457D+01	1.930D+00	1.055D+00	3.906D-01	1.384D+01	6.722D+00	-2.244D+01
Z	11	13	11	13	1	11	13	13	11	13	11	11
Z MAXIMUM	2.152D+00	-7.831D+00	1.163D+01	3.342D+02	-5.039D+01	-7.152D+01	-4.907D+00	-6.167D+00	1.163D+01	2.711D+02	-1.782D+02	-8.041D+01
GRAND TOTAL	1.461D+01	4.538D+01	6.631D+01	1.889D+03	2.345D+02	4.883D+02	3.604D+01	2.871D+01	6.631D+01	1.512D+03	1.050D+03	4.838D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (190)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	12	12	12	12
X MAXIMUM	-8.092D+00	2.951D+00	-1.751D+01	-1.340D+02	4.096D+02	5.758D+01
Y	19	19	19	50	19	19
Y MAXIMUM	2.111D+00	-6.187D-01	3.906D-01	1.333D+01	-1.200D+01	-2.352D+01
Z	13	11	11	13	13	11
Z MAXIMUM	-7.831D+00	-2.152D+00	1.163D+01	8.905D+01	-2.661D+02	-7.653D+01
GRAND TOTAL	4.538D+01	1.461D+01	6.631D+01	5.305D+02	1.492D+03	4.414D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (191)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	13	12	13	12	13	12	13	12	12	12
X MAXIMUM	-8.117D+00	1.970D+01	2.943D+00	-1.340D+02	-9.385D+01	4.052D+02	-8.117D+00	1.970D+01	2.943D+00	-1.340D+02	-4.554D+01	-4.592D+02
Y	19	19	19	50	19	19	19	19	19	50	38	50
Y MAXIMUM	2.121D+00	-6.307D-01	-4.512D-01	1.333D+01	1.815D+01	-1.918D+01	2.121D+00	-6.307D-01	-4.512D-01	1.333D+01	-1.128D+01	-1.182D+01
Z	13	11	13	13	13	11	13	11	13	13	11	11
Z MAXIMUM	-7.855D+00	-1.285D+01	2.848D+00	8.905D+01	-9.082D+01	-2.640D+02	-7.855D+00	-1.285D+01	2.848D+00	8.905D+01	7.504D+01	2.998D+02
GRAND TOTAL	4.556D+01	7.479D+01	1.705D+01	5.305D+02	4.714D+02	1.534D+03	4.556D+01	7.479D+01	1.705D+01	5.305D+02	4.053D+02	1.782D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (192)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	13	12	12	12	13	12	13	12	12	12
X MAXIMUM	-8.136D+00	1.983D+01	2.933D+00	-1.340D+02	-4.554D+01	-4.592D+02	-8.136D+00	1.983D+01	2.933D+00	-1.340D+02	-5.753D+01	-5.410D+02
Y	19	19	19	50	38	50	19	19	19	50	38	50
Y MAXIMUM	2.130D+00	-6.361D-01	-4.552D-01	1.333D+01	-1.128D+01	-1.182D+01	2.130D+00	-6.361D-01	-4.552D-01	1.333D+01	-1.301D+01	-1.265D+01
Z	13	11	13	13	11	11	13	11	13	13	11	11
Z MAXIMUM	-7.874D+00	-1.292D+01	2.839D+00	8.905D+01	7.504D+01	2.998D+02	-7.874D+00	-1.292D+01	2.839D+00	8.905D+01	8.326D+01	3.530D+02
GRAND TOTAL	4.570D+01	7.531D+01	1.712D+01	5.305D+02	4.053D+02	1.782D+03	4.570D+01	7.531D+01	1.712D+01	5.305D+02	4.644D+02	2.092D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (193)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	12	1	12	1	13	50	12	1	12	1	12
X MAXIMUM	1.067D+00	-2.020D+01	-4.674D+00	2.850D+02	4.015D+01	5.000D+01	1.067D+00	-2.020D+01	-4.674D+00	2.850D+02	2.087D+01	3.413D+01

Y	19	19	50	50	50	19	19	19	50	50	50	19
Y MAXIMUM	3.046D-01	-8.759D-01	9.311D-01	6.281D+00	-6.981D+00	-8.653D+00	3.046D-01	-8.759D-01	9.311D-01	6.281D+00	-3.140D+00	-5.040D+00
Z	1	13	1	13	1	13	1	13	1	13	1	11
Z MAXIMUM	-5.627D-01	1.514D+01	-2.609D+00	-1.909D+02	2.241D+01	4.838D+01	-5.627D-01	1.514D+01	-2.609D+00	-1.909D+02	1.165D+01	-1.417D+01
GRAND TOTAL	5.036D+00	7.624D+01	1.792D+01	1.046D+03	1.186D+02	2.854D+02	5.036D+00	7.624D+01	1.792D+01	1.046D+03	5.744D+01	1.440D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (194)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	8	12	12	12	12	12	12
X MAXIMUM	-2.986D+00	1.388D+01	-1.826D+01	-2.561D+02	1.392D+02	-2.917D+01	-2.986D+00	1.388D+01	-1.826D+01	-2.561D+02	6.384D+01	-4.893D+01
Y	38	19	19	19	19	38	38	19	19	19	19	38
Y MAXIMUM	-2.735D-01	-1.256D+00	7.303D-01	1.044D+01	-6.495D+00	7.422D+00	-2.735D-01	-1.256D+00	7.303D-01	1.044D+01	-3.482D+00	4.340D+00
Z	13	11	13	11	13	11	13	11	13	11	13	13
Z MAXIMUM	2.438D+00	-1.418D+01	1.179D+01	1.834D+02	-8.839D+01	-5.133D+01	2.438D+00	-1.418D+01	1.179D+01	1.834D+02	-3.974D+01	3.251D+01
GRAND TOTAL	1.280D+01	7.502D+01	6.695D+01	1.049D+03	5.120D+02	2.433D+02	1.280D+01	7.502D+01	6.695D+01	1.049D+03	2.364D+02	1.435D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (195)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	50	1	12	12	12	1	1	1	12	12	12	1
X MAXIMUM	1.069D+00	-4.674D+00	2.020D+01	2.850D+02	3.413D+01	-2.087D+01	-2.720D+00	-3.932D+00	2.020D+01	2.856D+02	-3.113D+01	-1.060D+01
Y	19	50	19	50	19	50	50	50	19	44	38	50
Y MAXIMUM	3.050D-01	9.313D-01	8.776D-01	6.281D+00	-5.040D+00	3.140D+00	6.319D-01	7.463D-01	8.776D-01	5.306D+00	-3.212D+00	1.138D+00
Z	1	1	13	13	11	1	1	5	13	13	11	1
Z MAXIMUM	-5.627D-01	-2.609D+00	-1.514D+01	-1.909D+02	-1.417D+01	-1.165D+01	-1.518D+00	2.241D+00	-1.514D+01	-1.887D+02	2.617D+01	-5.915D+00
GRAND TOTAL	5.042D+00	1.792D+01	7.625D+01	1.046D+03	1.440D+02	5.744D+01	1.050D+01	1.534D+01	7.625D+01	1.034D+03	1.654D+02	3.506D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (195)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	1	12	12	12	12
X MAXIMUM	-4.018D+00	-2.592D+00	2.020D+01	2.611D+02	-9.165D+01	-8.076D+00
Y	50	50	19	44	50	38
Y MAXIMUM	8.694D-01	4.477D-01	8.776D-01	4.730D+00	-3.235D+00	-3.900D-01
Z	1	5	13	13	11	13
Z MAXIMUM	-2.242D+00	1.781D+00	-1.514D+01	-1.716D+02	6.253D+01	5.798D+00
GRAND TOTAL	1.527D+01	1.079D+01	7.625D+01	9.317D+02	3.678D+02	3.227D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (196)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	1	1	12	12	12	12	1	1	12	12	12	12
X MAXIMUM	-4.018D+00	-2.592D+00	2.020D+01	2.611D+02	-9.164D+01	-8.076D+00	-4.704D+00	-8.569D-01	2.020D+01	2.154D+02	-1.382D+02	-1.028D+01
Y	50	50	19	44	50	38	50	19	19	44	19	50
Y MAXIMUM	8.699D-01	4.474D-01	8.791D-01	4.730D+00	-3.235D+00	-3.900D-01	9.749D-01	-2.463D-01	8.791D-01	3.877D+00	3.564D+00	-9.173D-01
Z	1	5	13	13	11	13	1	5	13	13	11	11
Z MAXIMUM	-2.242D+00	1.781D+00	-1.514D+01	-1.716D+02	6.253D+01	5.798D+00	-2.625D+00	1.050D+00	-1.514D+01	-1.422D+02	8.937D+01	7.664D+00
GRAND TOTAL	1.527D+01	1.079D+01	7.627D+01	9.310D+02	3.678D+02	3.227D+01	1.788D+01	6.141D+00	7.627D+01	7.545D+02	5.303D+02	4.803D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (196)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	50	12	12	12	12
X MAXIMUM	-4.674D+00	-1.071D+00	2.020D+01	1.553D+02	-1.637D+02	-1.119D+01
Y	50	19	19	44	19	19
Y MAXIMUM	9.315D-01	-3.054D-01	8.791D-01	2.876D+00	5.948D+00	9.958D-01
Z	1	1	13	13	11	11
Z MAXIMUM	-2.609D+00	5.628D-01	-1.514D+01	-1.049D+02	1.026D+02	8.183D+00
GRAND TOTAL	1.792D+01	5.049D+00	7.627D+01	5.280D+02	6.149D+02	5.257D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (197)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	12	50	12	12	12	1	12	50	12	12	12
X MAXIMUM	-4.674D+00	-2.020D+01	-1.072D+00	1.554D+02	1.119D+01	-1.637D+02	-4.674D+00	-2.020D+01	-1.072D+00	1.554D+02	1.128D+01	-1.435D+02
Y	50	19	19	44	19	19	50	19	19	44	19	19
Y MAXIMUM	9.315D-01	-8.796D-01	-3.056D-01	2.876D+00	-9.958D-01	5.948D+00	9.315D-01	-8.796D-01	-3.056D-01	2.876D+00	-1.301D+00	6.828D+00
Z	1	13	1	13	11	11	1	13	1	13	11	11
Z MAXIMUM	-2.609D+00	1.515D+01	5.628D-01	-1.049D+02	-8.183D+00	1.026D+02	-2.609D+00	1.515D+01	5.628D-01	-1.049D+02	-8.001D+00	9.143D+01
GRAND TOTAL	1.792D+01	7.628D+01	5.052D+00	5.281D+02	5.257D+01	6.149D+02	1.792D+01	7.628D+01	5.052D+00	5.281D+02	5.247D+01	5.454D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (198)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	12	50	12	12	13	1	12	50	12	1	12
X MAXIMUM	-4.674D+00	-2.026D+01	-1.086D+00	1.559D+02	1.282D+01	-1.006D+02	-4.674D+00	-2.026D+01	-1.086D+00	1.559D+02	1.403D+01	1.400D+02
Y	50	19	19	44	19	19	50	19	19	44	19	19
Y MAXIMUM	9.136D-01	-8.913D-01	-3.088D-01	2.917D+00	-4.988D+00	1.752D+01	9.136D-01	-8.913D-01	-3.088D-01	2.917D+00	-5.606D+00	1.931D+01
Z	1	13	1	13	5	13	1	13	1	13	5	13
Z MAXIMUM	-2.609D+00	1.520D+01	5.646D-01	-1.053D+02	7.507D+00	-9.738D+01	-2.609D+00	1.520D+01	5.646D-01	-1.053D+02	7.839D+00	-1.278D+02
GRAND TOTAL	1.771D+01	7.665D+01	5.066D+00	5.299D+02	8.726D+01	5.101D+02	1.771D+01	7.665D+01	5.066D+00	5.299D+02	9.533D+01	6.581D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (199)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	-2.985D+00	-1.827D+01	-1.387D+01	-2.561D+02	-4.893D+01	-6.384D+01	-9.745D+00	-1.573D+01	-1.387D+01	-2.616D+02	2.090D+01	-2.328D+01
Y	38	19	19	19	38	19	38	19	19	19	38	19
Y MAXIMUM	-2.740D-01	7.306D-01	1.257D+00	1.044D+01	4.340D+00	3.482D+00	-4.438D-01	7.330D-01	1.257D+00	1.024D+01	3.673D+00	1.736D+00
Z	13	13	11	11	13	13	13	13	11	11	11	13
Z MAXIMUM	2.437D+00	1.179D+01	1.418D+01	1.834D+02	3.251D+01	3.974D+01	6.764D+00	9.965D+00	1.418D+01	1.786D+02	-3.099D+01	1.378D+01
GRAND TOTAL	1.280D+01	6.696D+01	7.502D+01	1.049 +03	1.435D+02	2.364D+02	3.555D+01	5.793D+01	7.502D+01	1.038D+03	1.603D+02	8.880D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (199)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12
X MAXIMUM	-1.502D+01	-1.081D+01	-1.387D+01	-2.401D+02	8.754D+01	8.391D+00
Y	38	19	19	19	50	38
Y MAXIMUM	-5.461D-01	6.239D-01	1.257D+00	9.632D+00	3.252D+00	4.039D-01
Z	13	13	11	11	11	13
Z MAXIMUM	1.006D+01	6.620D+00	1.418D+01	1.597D+02	-6.443D+01	-6.006D+00
GRAND TOTAL	5.463D+01	4.027D+01	7.502D+01	9.354D+02	3.688D+02	3.310D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (200)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	-1.502D+01	-1.081D+01	-1.387D+01	-2.401D+02	8.756D+01	8.391D+00	-1.802D+01	-4.236D+00	-1.387D+01	-1.946D+02	1.409D+02	2.635D+01
Y	38	19	19	19	50	38	50	19	19	19	50	19
Y MAXIMUM	-5.465D-01	6.242D-01	1.258D+00	9.632D+00	3.252D+00	4.039D-01	6.759D-01	4.200D-01	1.258D+00	8.703D+00	2.760D+00	-1.129D+00
Z	13	13	11	11	11	13	13	11	11	11	13	13
Z MAXIMUM	1.006D+01	6.620D+00	1.418D+01	1.597D+02	-6.444D+01	-6.006D+00	1.183D+01	2.492D+00	1.418D+01	1.293D+02	-9.044D+01	-1.661D+01
GRAND TOTAL	5.464D+01	4.027D+01	7.503D+01	9.354D+02	3.689D+02	3.310D+01	6.581D+01	1.700D+01	7.503D+01	7.574D+02	5.298D+02	9.732D+01

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (200)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12
X MAXIMUM	-1.827D+01	2.983D+00	-1.387D+01	-1.322D+02	1.728D+02	2.785D+01

Y	19	38	19	19	44	19
Y MAXIMUM	7.306D-01	2.745D-01	1.258D+00	7.598D+00	2.976D+00	-1.811D+00
Z	13	13	11	11	13	11
Z MAXIMUM	1.180D+01	-2.437D+00	1.418D+01	9.224D+01	-1.114D+02	-1.697D+01
GRAND TOTAL	6.696D+01	1.280D+01	7.503D+01	5.309D+02	6.134D+02	1.054D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (201)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	-1.827D+01	1.387D+01	2.985D+00	-1.322D+02	-2.785D+01	1.728D+02	-1.827D+01	1.387D+01	2.985D+00	-1.322D+02	-2.486D+01	1.590D+02
Y	19	19	38	19	19	44	19	19	38	19	19	44
Y MAXIMUM	7.307D-01	-1.258D+00	2.748D-01	7.598D+00	1.811D+00	2.976D+00	7.307D-01	-1.258D+00	2.748D-01	7.598D+00	1.963D+00	2.752D+00
Z	13	11	13	11	11	13	13	11	13	11	11	13
Z MAXIMUM	1.180D+01	-1.418D+01	-2.438D+00	9.224D+01	1.697D+01	-1.114D+02	1.180D+01	-1.418D+01	-2.438D+00	9.224D+01	1.516D+01	-1.041D+02
GRAND TOTAL	6.696D+01	7.504D+01	1.280D+01	5.308D+02	1.054D+02	6.134D+02	6.696D+01	7.504D+01	1.280D+01	5.308D+02	9.669D+01	5.424D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (202)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	13	8	12	12	12	12	13	8
X MAXIMUM	-1.827D+01	1.389D+01	2.922D+00	-1.326D+02	-1.560D+01	5.170D+01	-1.827D+01	1.389D+01	2.922D+00	-1.326D+02	-2.057D+01	6.606D+01
Y	50	19	38	19	19	19	50	19	38	19	19	19
Y MAXIMUM	7.500D-01	-1.268D+00	2.807D-01	7.654D+00	3.842D+00	1.357D+01	7.500D-01	-1.268D+00	2.807D-01	7.654D+00	4.164D+00	1.611D+01
Z	13	11	13	11	13	11	13	11	13	11	13	11
Z MAXIMUM	1.181D+01	-1.422D+01	-2.405D+00	9.247D+01	-1.509D+01	8.643D+01	1.181D+01	-1.422D+01	-2.405D+00	9.247D+01	-1.990D+01	1.149D+02
GRAND TOTAL	6.696D+01	7.536D+01	1.270D+01	5.324D+02	9.784D+01	4.381D+02	6.696D+01	7.536D+01	1.270D+01	5.324D+02	1.217D+02	5.460D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (203)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-3.452D+03	1.251D+03	-2.464D+03	-1.161D+04	-6.385D+03	-1.269D+05	-3.437D+03	1.291D+03	-2.464D+03	-1.174D+04	-1.759D+04	-1.328D+05
Y	40	40	28	40	31	13	40	40	28	40	31	40
Y MAXIMUM	-2.452D+01	3.889D+01	-2.729D+01	-1.308D+02	-2.470D+03	6.794D+02	-2.408D+01	3.917D+01	-2.729D+01	-1.322D+02	-2.348D+03	-8.194D+02
Z	8	4	8	4	4	4	8	4	8	4	4	4
Z MAXIMUM	-3.866D+03	-1.563D+03	-2.760D+03	2.416D+04	1.968D+04	2.727D+05	-3.850D+03	-1.591D+03	-2.760D+03	2.440D+04	2.163D+04	2.800D+05
GRAND TOTAL	1.195D+04	4.985D+03	7.737D+03	7.280D+04	4.088D+04	6.507D+05	1.189D+04	5.120D+03	7.737D+03	7.332D+04	6.110D+04	6.692D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (203)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8
X MAXIMUM	-3.422D+03	1.330D+03	-2.464D+03	-1.201D+04	-2.879D+04	-1.388D+05
Y	40	40	28	40	31	40
Y MAXIMUM	-2.363D+01	3.944D+01	-2.729D+01	-1.339D+02	-2.225D+03	-1.000D+03
Z	8	4	8	4	8	4
Z MAXIMUM	-3.833D+03	-1.618D+03	-2.760D+03	2.466D+04	-3.225D+04	2.874D+05
GRAND TOTAL	1.183D+04	5.254D+03	7.737D+03	7.404D+04	8.808D+04	6.885D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (204)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	20	14	14	14	14	14	20	14	14	14	14	14
X MAXIMUM	3.076D+00	6.254D+01	9.147D+01	-1.686D+03	6.685D+02	1.835D+03	3.076D+00	6.254D+01	9.147D+01	-1.686D+03	9.452D+02	1.646D+03
Y	43	2	16	2	16	2	43	2	16	2	16	2
Y MAXIMUM	1.656D+00	1.371D+01	2.375D+01	-3.083D+02	1.369D+02	4.850D+02	1.656D+00	1.371D+01	2.375D+01	-3.083D+02	2.087D+02	4.435D+02
Z	26	8	3	3	3	8	26	8	3	3	3	8
Z MAXIMUM	1.066D+01	6.072D+01	1.537D+02	-1.620D+03	9.274D+02	1.876D+03	1.066D+01	6.072D+01	1.537D+02	-1.620D+03	1.393D+03	1.693D+03
GRAND TOTAL	4.528D+01	4.625D+02	8.301D+02	1.431D+04	5.790D+03	1.521D+04	4.528D+01	4.625D+02	8.301D+02	1.431D+04	8.295D+03	1.385D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (205)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	14	14	14	8	14	8	14	14	14	8
X MAXIMUM	1.217D+02	-6.454D+01	5.499D+01	8.027D+02	1.892D+03	-2.762D+03	1.217D+02	-6.454D+01	5.499D+01	8.027D+02	2.909D+03	-1.568D+03
Y	16	43	16	16	16	43	16	43	16	16	16	43
Y MAXIMUM	4.038D+01	1.231D+00	1.771D+01	1.362D+02	3.272D+02	9.419D+01	4.038D+01	1.231D+00	1.771D+01	1.362D+02	6.549D+02	7.141D+01
Z	16	8	16	14	16	8	16	8	16	14	16	8
Z MAXIMUM	2.068D+02	-7.228D+01	9.071D+01	7.060D+02	1.675D+03	-3.094D+03	2.068D+02	-7.228D+01	9.071D+01	7.060D+02	3.353D+03	-1.756D+03
GRAND TOTAL	9.406D+02	3.153D+02	4.451D+02	5.731D+03	1.378D+04	1.508D+04	9.406D+02	3.153D+02	4.451D+02	5.731D+03	1.929D+04	9.378D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (206)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	10	8	6	10	8	1	10	8	6	10	8
X MAXIMUM	1.416D+03	9.518D+02	-1.344D+03	-3.642D+04	8.880D+04	1.032D+05	1.416D+03	9.518D+02	-1.344D+03	-3.642D+04	1.044D+05	1.117D+05
Y	24	24	24	15	24	24	24	24	24	15	24	24
Y MAXIMUM	-8.612D+01	-2.343D+01	-6.062D+01	9.965D+02	-1.531D+03	5.019D+03	-8.612D+01	-2.343D+01	-6.062D+01	9.965D+02	-2.804D+03	5.511D+03
Z	8	11	8	5	4	8	8	11	8	5	8	8
Z MAXIMUM	-1.191D+03	-1.761D+03	-1.506D+03	-5.554D+04	5.885D+04	1.156D+05	-1.191D+03	-1.761D+03	-1.506D+03	-5.554D+04	-8.754D+04	1.251D+05
GRAND TOTAL	8.225D+03	5.263D+03	6.678D+03	2.582D+05	4.962D+05	3.902D+05	8.225D+03	5.263D+03	6.678D+03	2.582D+05	6.305D+05	4.567D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (207)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	15	10	8	11	8	10	15	10	8	11	15	12
X MAXIMUM	1.077D+03	-4.394D+03	4.470D+03	8.731D-11	-1.200D+05	-1.179D+05	1.077D+03	-4.394D+03	4.470D+03	8.731D-11	2.297D-09	3.580D-09
Y	40	24	24	11	24	24	40	24	24	11	15	10
Y MAXIMUM	2.246D+02	7.958D+01	1.039D+02	2.103D-12	-2.788D+03	2.136D+03	2.246D+02	7.958D+01	1.039D+02	2.103D-12	1.003D-10	1.819D-11
Z	15	10	8	11	8	10	15	10	8	11	5	8
Z MAXIMUM	8.821D+02	-2.759D+03	5.007D+03	2.619D-10	-1.344D+05	-7.406D+04	8.821D+02	-2.759D+03	5.007D+03	2.619D-10	-1.943D-09	-2.328D-09
GRAND TOTAL	6.230D+03	2.237D+04	2.432D+04	6.189D-10	6.529D+05	6.004D+05	6.230D+03	2.237D+04	2.432D+04	6.189D-10	9.182D-09	1.316D-08

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (208)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	10	10	10	10	5	8	10	10	10	5	5
X MAXIMUM	3.490D+03	1.641D+03	-3.686D+03	-9.956D+04	1.024D+05	-4.784D+04	3.490D+03	1.641D+03	-3.686D+03	-9.956D+04	-6.332D+04	-4.409D+04
Y	27	40	37	40	24	40	27	40	37	40	24	15
Y MAXIMUM	-4.429D+01	-2.252D+02	4.255D+01	2.656D+03	-2.571D+03	-5.216D+03	-4.429D+01	-2.252D+02	4.255D+01	2.656D+03	-1.935D+03	1.034D+03
Z	5	11	11	5	8	5	5	11	11	5	5	5
Z MAXIMUM	3.966D+03	-2.311D+03	-2.928D+03	-1.015D+05	-7.627D+04	-7.340D+04	3.966D+03	-2.311D+03	-2.928D+03	-1.015D+05	-9.716D+04	-6.765D+04
GRAND TOTAL	2.062D+04	9.212D+03	1.964D+04	6.522D+05	5.949D+05	2.639D+05	2.062D+04	9.212D+03	1.964D+04	6.522D+05	4.436D+05	2.756D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (209)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	6	10	11	8	8	8	6	6	8
X MAXIMUM	-3.873D+02	-3.227D+02	1.142D+03	-4.776D+04	3.361D+03	1.332D+03	-3.873D+02	-3.227D+02	1.142D+03	-4.776D+04	-8.070D+03	3.014D+03
Y	27	27	6	6	11	27	27	27	6	6	6	27
Y MAXIMUM	-7.082D+01	-5.985D+01	-1.041D+01	-4.765D+02	6.885D+01	5.760D+02	-7.082D+01	-5.985D+01	-1.041D+01	-4.765D+02	-8.050D+01	9.351D+02
Z	8	8	8	8	11	11	8	8	8	8	5	11
Z MAXIMUM	-4.338D+02	-3.614D+02	1.279D+03	5.037D+04	9.225D+03	3.885D+03	-4.338D+02	-3.614D+02	1.279D+03	5.037D+04	7.948D+03	5.811D+03
GRAND TOTAL	2.407D+03	2.143D+03	6.215D+03	2.426D+05	2.655D+04	1.556D+04	2.407D+03	2.143D+03	6.215D+03	2.426D+05	3.858D+04	2.757D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (210)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	5	8	6	6	6	8	5	8	6	6	5	8
X MAXIMUM	-1.142D+01	1.450D+03	-1.288D+03	-4.547D-12	3.489D+04	3.929D+04	-1.142D+01	1.450D+03	-1.288D+03	-4.547D-12	-5.821D-11	1.164D-10

Y	40	27	27	27	27	27	40	27	27	27	40	27
Y MAXIMUM	-2.943D+00	4.865D+01	-5.100D+01	-1.177D-13	1.382D+03	1.318D+03	-2.943D+00	4.865D+01	-5.100D+01	-1.177D-13	-7.923D-13	-1.382D-12
Z	11	8	8	6	8	8	11	8	8	6	5	8
Z MAXIMUM	-3.328D+01	1.624D+03	9.821D+02	-3.411D-12	-2.661D+04	4.401D+04	-3.328D+01	1.624D+03	9.821D+02	-3.411D-12	-4.366D-11	1.310D-10
GRAND TOTAL	1.233D+02	7.096D+03	6.429D+03	1.807D-11	1.742D+05	1.923D+05	1.233D+02	7.096D+03	6.429D+03	1.807D-11	2.732D-10	4.218D-10

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (211)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	6	8	6	8	8	8	6	8	6	8
X MAXIMUM	-2.902D+01	-4.335D+02	7.149D+02	1.590D+02	-1.099D+04	-6.775D+03	-2.902D+01	-4.335D+02	7.149D+02	1.590D+02	-6.705D+03	-4.174D+03
Y	40	27	6	27	6	27	40	27	6	27	6	27
Y MAXIMUM	-1.010D+00	-6.299D+01	7.131D+00	2.103D+00	-1.097D+02	-9.712D+02	-1.010D+00	-6.299D+01	7.131D+00	2.103D+00	-6.688D+01	-5.932D+02
Z	8	8	5	8	5	8	8	8	5	8	5	8
Z MAXIMUM	-3.251D+01	-4.856D+02	-6.209D+02	1.780D+02	9.555D+03	-7.588D+03	-3.251D+01	-4.856D+02	-6.209D+02	1.780D+02	5.829D+03	-4.675D+03
GRAND TOTAL	1.477D+02	2.236D+03	2.979D+03	9.158D+02	4.587D+04	3.491D+04	1.477D+02	2.236D+03	2.979D+03	9.158D+02	2.799D+04	2.150D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (212)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	15	8	10	8	8	8	15	8	10
X MAXIMUM	2.354D+03	1.473D+03	-1.837D+03	-1.966D+04	-6.919D+04	8.890D+04	2.354D+03	1.473D+03	-1.837D+03	-1.966D+04	-1.078D+05	1.150D+05
Y	37	49	27	24	34	49	37	49	27	24	34	49
Y MAXIMUM	-3.681D+01	-4.650D+01	2.258D+01	1.611D+03	-1.561D+03	2.465D+03	-3.681D+01	-4.650D+01	2.258D+01	1.611D+03	-2.035D+03	3.441D+03
Z	8	11	4	4	4	11	8	11	4	4	4	11
Z MAXIMUM	2.636D+03	-2.758D+03	-3.578D+03	-3.541D+04	-2.139D+05	1.138D+05	2.636D+03	-2.758D+03	-3.578D+03	-3.541D+04	-2.891D+05	1.717D+05
GRAND TOTAL	1.301D+04	9.818D+03	8.323D+03	1.363D+05	6.702D+05	4.385D+05	1.301D+04	9.818D+03	8.323D+03	1.363D+05	8.398D+05	6.038D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (213)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	8	10	9	10	8	10	8	10	9	8	8
X MAXIMUM	-3.771D+02	4.112D+03	2.842D+03	-3.553D-11	-7.629D+04	1.104D+05	-3.771D+02	4.112D+03	2.842D+03	-3.553D-11	-4.284D-10	-1.353D-09
Y	49	49	49	40	49	49	49	49	49	40	25	49
Y MAXIMUM	-9.855D+01	-1.265D+02	7.158D+01	4.512D-13	-1.922D+03	-3.397D+03	-9.855D+01	-1.265D+02	7.158D+01	4.512D-13	-1.455D-11	2.092D-11
Z	11	4	11	4	11	4	11	4	11	4	8	8
Z MAXIMUM	-4.780D+02	6.121D+03	4.634D+03	-1.808D-10	-1.244D+05	1.643D+05	-4.780D+02	6.121D+03	4.634D+03	-1.808D-10	-3.320D-10	-1.630D-09
GRAND TOTAL	2.312D+03	1.793D+04	1.619D+04	2.637D-10	4.347D+05	4.813D+05	2.312D+03	1.793D+04	1.619D+04	2.637D-10	2.233D-09	5.464D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (214)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	8	8	8	12	8	12	8	5	8
X MAXIMUM	-2.799D+03	1.095D+03	-2.551D+03	9.840D+04	-1.102D+05	-4.718D+04	-2.799D+03	1.095D+03	-2.551D+03	9.840D+04	7.526D+04	-7.016D+04
Y	24	49	49	49	34	24	24	49	49	49	34	24
Y MAXIMUM	-8.866D+01	6.415D+01	-1.107D+02	-2.420D+03	-1.916D+03	3.444D+03	-8.866D+01	6.415D+01	-1.107D+02	-2.420D+03	-1.668D+03	2.414D+03
Z	11	11	4	4	4	8	11	11	4	4	4	11
Z MAXIMUM	3.331D+03	-2.169D+03	2.656D+03	1.289D+05	-2.916D+05	-5.284D+04	3.331D+03	-2.169D+03	2.656D+03	1.289D+05	-2.358D+05	9.326D+04
GRAND TOTAL	2.040D+04	7.802D+03	1.265D+04	4.104D+05	8.605D+05	2.947D+05	2.040D+04	7.802D+03	1.265D+04	4.104D+05	7.051D+05	4.134D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (215)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	10	10	8	10	8	12	10	10	8	10	8
X MAXIMUM	1.944D+03	6.826D+02	-3.527D+03	8.177D+04	-7.177D+04	-5.781D+04	1.944D+03	6.826D+02	-3.527D+03	8.177D+04	-1.458D+05	-5.318D+04
Y	49	34	24	24	11	49	49	34	24	24	11	49
Y MAXIMUM	8.214D+01	5.940D+01	-6.327D+01	-1.763D+03	-6.517D+02	-1.777D+03	8.214D+01	5.940D+01	-6.327D+01	-1.763D+03	-1.614D+03	-2.474D+03
Z	4	11	11	11	11	11	4	11	11	11	11	8
Z MAXIMUM	4.614D+03	1.055D+03	-6.140D+03	-1.281D+05	-8.732D+04	6.500D+04	4.614D+03	1.055D+03	-6.140D+03	-1.281D+05	-2.163D+05	-5.956D+04
GRAND TOTAL	9.283D+03	4.319D+03	2.207D+04	4.918D+05	3.717D+05	3.267D+05	9.283D+03	4.319D+03	2.207D+04	4.918D+05	7.993D+05	2.720D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (216)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	10	7	10	8	12	8	10	7	10	10
X MAXIMUM	3.478D+02	-4.343D+03	-2.603D+03	-1.444D-11	6.988D+04	-1.166D+05	3.478D+02	-4.343D+03	-2.603D+03	-1.444D-11	-3.041D-09	-2.430D-09
Y	34	49	34	34	34	49	34	49	34	34	11	11
Y MAXIMUM	6.742D+01	-8.650D+01	4.408D+01	-1.656D-12	-1.183D+03	-2.322D+03	6.742D+01	-8.650D+01	4.408D+01	-1.656D-12	3.729D-11	4.184D-11
Z	11	11	4	6	4	11	11	11	4	6	11	11
Z MAXIMUM	2.437D+02	5.515D+03	-4.031D+03	-9.095D-12	1.082D+05	1.480D+05	2.437D+02	5.515D+03	-4.031D+03	-9.095D-12	5.122D-09	5.355D-09
GRAND TOTAL	2.664D+03	2.388D+04	1.679D+04	9.099D-11	4.507D+05	6.411D+05	2.664D+03	2.388D+04	1.679D+04	9.099D-11	1.151D-08	1.436D-08

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (217)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	10	8	12	12	12	12	10	8
X MAXIMUM	4.360D+03	-3.753D+02	-1.604D+03	-3.560D+04	-1.517D+05	4.467D+04	4.360D+03	-3.753D+02	-1.604D+03	-3.560D+04	-1.402D+05	3.691D+04
Y	13	34	34	34	11	34	13	34	34	34	11	34
Y MAXIMUM	3.542D+01	-9.912D+00	1.682D+01	-8.453D+02	-1.673D+03	-1.760D+03	3.542D+01	-9.912D+00	1.682D+01	-8.453D+02	-1.626D+03	-1.552D+03
Z	8	4	13	11	11	4	8	4	13	11	11	4
Z MAXIMUM	-4.536D+03	1.314D+03	-1.195D+03	4.266D+04	-2.241D+05	1.183D+05	-4.536D+03	1.314D+03	-1.195D+03	4.266D+04	-2.179D+05	9.073D+04
GRAND TOTAL	2.218D+04	3.138D+03	6.591D+03	2.301D+05	8.080D+05	2.508D+05	2.218D+04	3.138D+03	6.591D+03	2.301D+05	8.825D+05	1.984D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (218)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	10	12	12	8	7	7	7	12
X MAXIMUM	-4.543D+02	-3.859D+02	-1.012D+03	-4.508D+04	5.072D+03	4.556D+03	-4.543D+02	-3.859D+02	-1.012D+03	-4.508D+04	-8.779D+03	6.488D+03
Y	28	28	6	6	11	28	28	28	6	6	6	28
Y MAXIMUM	5.102D+01	4.427D+01	-7.632D+00	-3.443D+02	5.111D+01	-4.233D+02	5.102D+01	4.427D+01	-7.632D+00	-3.443D+02	-6.780D+01	-6.890D+02
Z	8	8	8	8	4	11	8	8	8	8	4	11
Z MAXIMUM	-3.816D+02	-4.322D+02	-9.827D+02	-3.558D+04	8.243D+03	4.455D+03	-3.816D+02	-4.322D+02	-9.827D+02	-3.558D+04	9.236D+03	5.670D+03
GRAND TOTAL	2.627D+03	2.184D+03	5.881D+03	2.138D+05	2.928D+04	2.155D+04	2.627D+03	2.184D+03	5.881D+03	2.138D+05	3.410D+04	3.339D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (219)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	7	7	10	7	7	12	7	7	10	8	7
X MAXIMUM	-1.756D+01	-1.286D+03	-1.058D+03	1.592D-12	2.860D+04	-3.474D+04	-1.756D+01	-1.286D+03	-1.058D+03	1.592D-12	-8.731D-11	1.246D-10
Y	24	28	28	16	28	28	24	28	28	16	11	6
Y MAXIMUM	-9.781D-01	-3.403D+01	3.807D+01	-1.643D-14	-1.029D+03	-9.196D+02	-9.781D-01	-3.403D+01	3.807D+01	-1.643D-14	3.411D-13	7.283D-13
Z	11	7	8	11	8	7	11	7	8	11	8	8
Z MAXIMUM	-2.634D+01	-9.007D+02	-1.137D+03	2.046D-12	3.073D+04	-2.434D+04	-2.634D+01	-9.007D+02	-1.137D+03	2.046D-12	-1.164D-10	1.382D-10
GRAND TOTAL	1.226D+02	6.043D+03	6.453D+03	8.032D-12	1.744D+05	1.633D+05	1.226D+02	6.043D+03	6.453D+03	8.032D-12	3.700D-10	6.326D-10

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (220)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	7	7	7	8	12	8	7	7	7	8
X MAXIMUM	-2.617D+01	-3.625D+02	6.514D+02	-1.391D+02	-1.002D+04	-5.670D+03	-2.617D+01	-3.625D+02	6.514D+02	-1.391D+02	-6.107D+03	-3.495D+03
Y	13	28	6	34	6	28	13	28	6	34	6	28
Y MAXIMUM	-2.155D-01	4.485D+01	5.079D+00	1.240D+00	-7.810D+01	6.902D+02	-2.155D-01	4.485D+01	5.079D+00	1.240D+00	-4.763D+01	4.211D+02
Z	8	8	4	8	4	8	8	8	4	8	4	8
Z MAXIMUM	-2.824D+01	-4.061D+02	-6.292D+02	-1.372D+02	9.700D+03	-6.350D+03	-2.824D+01	-4.061D+02	-6.292D+02	-1.372D+02	5.925D+03	-3.914D+03
GRAND TOTAL	1.517D+02	2.126D+03	2.476D+03	8.797D+02	3.815D+04	3.323D+04	1.517D+02	2.126D+03	2.476D+03	8.797D+02	2.330D+04	2.048D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (221)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	12	7	8	7	12	8	12	7	8	13	13
X MAXIMUM	-4.045D+00	-6.297D+00	1.143D+01	1.489D-11	-5.371D+01	-2.958D+01	-4.045D+00	-6.297D+00	1.143D+01	1.489D-11	7.395D-11	-5.622D-11

Y	30	13	34	6	34	13	30	13	34	6	13	13
Y MAXIMUM	-3.498D-02	-5.202D-02	-9.818D-02	1.172D-13	4.612D-01	-2.444D-01	-3.498D-02	-5.202D-02	-9.818D-02	1.172D-13	8.313D-13	-4.796D-13
Z	8	8	8	8	8	8	8	8	8	8	13	13
Z MAXIMUM	-4.530D+00	-7.010D+00	1.117D+01	1.546D-11	-5.245D+01	-3.293D+01	-4.530D+00	-7.010D+00	1.117D+01	1.546D-11	7.077D-11	-5.497D-11
GRAND TOTAL	2.367D+01	3.698D+01	7.172D+01	7.888D-11	3.369D+02	1.737D+02	2.367D+01	3.698D+01	7.172D+01	7.888D-11	2.729D-10	1.901D-10

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (222)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	8	12	8	8	12	12	8	12	8	8	12
X MAXIMUM	3.967D+03	2.459D+03	-3.569D+03	1.139D+05	8.783D+04	-8.203D+04	3.967D+03	2.459D+03	-3.569D+03	1.139D+05	1.614D+05	-9.151D+04
Y	28	31	13	40	40	24	28	31	13	40	40	31
Y MAXIMUM	4.662D+01	-4.070D+01	-2.864D+01	1.591D+03	1.560D+03	-1.063D+03	4.662D+01	-4.070D+01	-2.864D+01	1.591D+03	2.011D+03	1.597D+03
Z	11	8	4	4	4	11	11	8	4	4	4	11
Z MAXIMUM	3.536D+03	2.754D+03	-9.286D+03	-2.555D+05	-1.325D+05	-9.291D+04	3.536D+03	2.754D+03	-9.286D+03	-2.555D+05	-3.255D+05	-1.023D+05
GRAND TOTAL	1.716D+04	7.944D+03	2.502D+04	6.632D+05	4.347D+05	4.379D+05	1.716D+04	7.944D+03	2.502D+04	6.632D+05	7.839D+05	4.686D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (223)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-3.950D+02	4.681D+03	4.210D+03	1.864D-10	-1.130D+05	1.257D+05	-3.950D+02	4.681D+03	4.210D+03	1.864D-10	-5.821D-09	6.054D-09
Y	31	40	28	25	28	40	31	40	28	25	39	13
Y MAXIMUM	-1.300D+01	5.433D+01	3.654D+01	-1.169D-12	-9.808D+02	1.727D+03	-1.300D+01	6.433D+01	3.654D+01	-1.169D-12	-2.001D-11	2.456D-11
Z	4	4	8	8	8	4	4	4	8	8	8	8
Z MAXIMUM	8.132D+02	-1.041D+04	4.715D+03	2.028D-10	-1.266D+05	-2.795D+05	8.132D+02	-1.041D+04	4.715D+03	2.028D-10	-6.054D-09	6.286D-09
GRAND TOTAL	2.478D+03	2.729D+04	2.620D+04	6.565D-10	7.032D+05	7.326D+05	2.478D+03	2.729D+04	2.620D+04	6.565D-10	1.451D-08	2.037D-08

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (224)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-3.302D+03	2.463D+03	-1.250D+03	-1.249D+04	1.709D+05	9.184D+04	-3.302D+03	2.463D+03	-1.250D+03	-1.249D+04	1.444D+05	3.960D+04
Y	40	28	40	40	40	31	40	28	40	40	40	31
Y MAXIMUM	-2.263D+01	2.720D+01	-4.166D+01	-1.360D+02	2.062D+03	1.534D+03	-2.263D+01	2.720D+01	-4.166D+01	-1.360D+02	1.179D+03	2.107D+03
Z	8	8	8	4	4	8	8	8	8	4	4	8
Z MAXIMUM	-3.698D+03	2.758D+03	-1.400D+03	2.493D+04	-3.234D+05	1.029D+05	-3.698D+03	2.758D+03	-1.400D+03	2.493D+04	-2.939D+05	4.435D+04
GRAND TOTAL	1.147D+04	7.737D+03	5.208D+03	7.510D+04	7.867D+05	2.832D+05	1.147D+04	7.737D+03	5.208D+03	7.510D+04	7.058D+05	1.211D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (225)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	15	8	8	8	8	8	15	8	8	8	8	8
X MAXIMUM	1.844D+02	1.056D+02	3.646D+02	-6.961D+02	1.877D+04	2.807D+03	1.844D+02	1.056D+02	3.646D+02	-6.961D+02	2.132D+04	2.068D+03
Y	37	41	24	41	41	2	37	41	24	41	41	2
Y MAXIMUM	-4.425D+01	1.074D+01	-1.069D+01	8.592D+01	3.631D+02	-6.454D+02	-4.425D+01	1.074D+01	-1.069D+01	8.592D+01	3.756D+02	-6.768D+02
Z	11	11	8	8	8	8	11	11	8	8	8	8
Z MAXIMUM	-2.579D+02	-2.043D+02	4.083D+02	-7.796D+02	2.102D+04	3.144D+03	-2.579D+02	-2.043D+02	4.083D+02	-7.796D+02	2.388D+04	2.316D+03
GRAND TOTAL	1.478D+03	7.293D+02	1.552D+03	4.616D+03	6.805D+04	1.726D+04	1.478D+03	7.293D+02	1.552D+03	4.616D+03	7.876D+04	1.335D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (226)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	10	12
X MAXIMUM	2.599D+02	-1.022D+02	-5.661D+01	2.882D-11	5.665D+02	-1.023D+03	2.599D+02	-1.022D+02	-5.661D+01	2.882D-11	1.701D-10	2.537D-10
Y	41	24	37	41	37	24	41	24	37	41	37	24
Y MAXIMUM	4.737D+01	4.847D+01	2.570D+01	1.290D-12	-2.572D+02	4.851D+02	4.737D+01	4.847D+01	2.570D+01	1.290D-12	2.814D-11	-2.638D-11
Z	11	23	35	11	35	23	11	23	35	11	11	11
Z MAXIMUM	-3.688D+02	2.193D+02	1.664D+02	-2.558D-11	-1.665D+03	2.195D+03	-3.688D+02	2.193D+02	1.664D+02	-2.558D-11	-3.965D-10	4.366D-10
GRAND TOTAL	1.996D+03	1.336D+03	6.773D+02	1.017D-10	6.778D+03	1.337D+04	1.996D+03	1.336D+03	6.773D+02	1.017D-10	1.633D-09	1.509D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (227)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	8	8	8	8	8	8	8	8	8
X MAXIMUM	-4.487D+02	-2.357D+02	-1.234D+02	2.975D+03	-7.173D+02	-2.026D+04	-4.487D+02	-2.357D+02	-1.234D+02	2.975D+03	-1.704D+03	-1.837D+04
Y	24	24	41	2	41	41	24	24	41	2	37	41
Y MAXIMUM	6.003D+01	-1.388D+01	-3.638D+01	7.086D+02	9.535D+01	-4.053D+02	6.003D+01	-1.388D+01	-3.638D+01	7.086D+02	-1.970D+02	-3.613D+02
Z	11	8	35	8	8	8	11	8	35	8	11	8
Z MAXIMUM	5.488D+02	-2.640D+02	-2.046D+02	3.332D+03	-8.034D+02	-2.269D+04	5.488D+02	-2.640D+02	-2.046D+02	3.332D+03	2.015D+03	-2.058D+04
GRAND TOTAL	2.778D+03	8.626D+02	9.978D+02	1.658D+04	4.830D+03	7.391D+04	2.778D+03	8.626D+02	9.978D+02	1.658D+04	9.280D+03	6.720D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (228)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	20	8	20	8	14	8	20	8	20	8
X MAXIMUM	1.297D+02	4.766D+01	-2.860D+02	-4.788D+03	9.820D+02	-2.165D+03	1.297D+02	4.766D+01	-2.860D+02	-4.788D+03	-1.378D+03	-2.558D+03
Y	16	31	16	14	43	31	16	31	16	14	14	31
Y MAXIMUM	3.497D+01	8.879D+00	2.439D+01	7.586D+01	-1.761D+02	-2.313D+02	3.497D+01	8.879D+00	2.439D+01	7.586D+01	1.836D+02	-3.046D+02
Z	16	8	8	8	11	8	16	8	8	8	8	8
Z MAXIMUM	1.791D+02	5.338D+01	1.899D+02	-5.363D+03	-6.706D+02	-2.424D+03	1.791D+02	5.338D+01	1.899D+02	-5.363D+03	1.368D+03	-2.865D+03
GRAND TOTAL	1.027D+03	3.896D+02	1.518D+03	2.268D+04	4.909D+03	1.178D+04	1.027D+03	3.896D+02	1.518D+03	2.268D+04	1.043D+04	1.445D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (229)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	14	20	20	20	14	8	14	20	20	10	12
X MAXIMUM	-1.172D+01	1.067D+02	2.333D+02	-2.501D-11	-2.334D+03	1.068D+03	-1.172D+01	1.067D+02	2.333D+02	-2.501D-11	-1.164D-10	-1.846D-10
Y	46	16	16	2	16	16	46	16	16	2	16	16
Y MAXIMUM	1.304D+01	2.897D+01	-1.942D+01	2.085D-12	1.943D+02	2.899D+02	1.304D+01	2.897D+01	-1.942D+01	2.085D-12	1.637D-11	2.456D-11
Z	8	16	16	13	16	16	8	16	16	13	11	26
Z MAXIMUM	-1.313D+01	1.483D+02	-9.945D+01	3.058D-11	9.952D+02	1.484D+03	-1.313D+01	1.483D+02	-9.945D+01	3.058D-11	-1.746D-10	1.327D-10
GRAND TOTAL	1.209D+02	8.533D+02	8.950D+02	1.804D-10	8.956D+03	8.539D+03	1.209D+02	8.533D+02	8.950D+02	1.804D-10	1.027D-09	8.601D-10

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (230)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	20	8	8	8	8	8	20	8	8
X MAXIMUM	-5.816D+01	-1.126D+02	1.466D+02	1.290D+03	-3.897D+03	-3.474D+03	-5.816D+01	-1.126D+02	1.466D+02	1.290D+03	-2.870D+03	-2.686D+03
Y	31	16	16	14	16	31	31	16	16	14	16	31
Y MAXIMUM	-2.061D+01	3.978D+00	6.072D+00	-1.779D+02	-2.420D+02	-2.863D+02	-2.061D+01	3.978D+00	6.072D+00	-1.779D+02	-1.995D+02	-2.751D+02
Z	8	8	8	8	8	8	8	8	8	8	8	8
Z MAXIMUM	-6.515D+01	-1.261D+02	1.642D+02	-1.370D+03	-4.364D+03	-3.891D+03	-6.515D+01	-1.261D+02	1.642D+02	-1.370D+03	-3.215D+03	-3.008D+03
GRAND TOTAL	4.581D+02	6.279D+02	7.793D+02	1.015D+04	2.264D+04	2.099D+04	4.581D+02	6.279D+02	7.793D+02	1.015D+04	1.725D+04	1.862D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (231)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	5	10	10	10	1	1	5	1
X MAXIMUM	2.344D+03	7.175D+02	2.194D+03	-2.215D+04	5.820D+04	9.995D+03	2.344D+03	7.175D+02	2.194D+03	-2.215D+04	6.797D+04	6.890D+03
Y	40	19	19	19	19	40	40	19	19	19	19	19
Y MAXIMUM	1.059D+02	-2.900D+01	1.315D+01	6.117D+02	1.198D+03	7.494D+02	1.059D+02	-2.900D+01	1.315D+01	6.117D+02	1.316D+03	9.591D+02
Z	11	11	8	11	5	11	11	11	8	11	5	11
Z MAXIMUM	-3.701D+03	-1.015D+03	-1.706D+03	-3.269D+04	8.931D+04	-1.781D+04	-3.701D+03	-1.015D+03	-1.706D+03	-3.269D+04	1.043D+05	-8.670D+03
GRAND TOTAL	1.413D+04	3.844D+03	9.439D+03	1.256D+05	3.458D+05	5.699D+04	1.413D+04	3.844D+03	9.439D+03	1.256D+05	4.192D+05	2.909D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (232)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	5	8	10	8	10	8	5	8	10	8	13	1
X MAXIMUM	1.249D+02	2.421D+03	-1.833D+03	7.003D-11	3.943D+04	5.208D+04	1.249D+02	2.421D+03	-1.833D+03	7.003D-11	1.644D-09	3.027D-09

Y	40	19	40	32	40	19	40	19	40	32	25	11
Y MAXIMUM	-4.303D+01	-3.422D+01	-8.653D+01	2.174D-12	1.862D+03	-7.362D+02	-4.303D+01	-3.422D+01	-8.653D+01	2.174D-12	6.520D-11	4.093D-11
Z	5	5	11	1	11	5	5	5	11	1	11	11
Z MAXIMUM	1.916D+02	-3.058D+03	2.810D+03	-2.219D-10	-6.046D+04	-6.579D+04	1.916D+02	-3.058D+03	2.810D+03	-2.219D-10	-3.725D-09	5.122D-09
GRAND TOTAL	8.976D+02	1.420D+04	1.073D+04	3.647D-10	2.308D+05	3.055D+05	8.976D+02	1.420D+04	1.073D+04	3.647D-10	1.289D-08	1.891D-08

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (233)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	10	1	1	5	10	10	10	1	1	5	10
X MAXIMUM	4.791D+02	7.649D+02	1.203D+03	-4.312D+04	6.840D+04	4.294D+04	4.791D+02	7.649D+02	1.203D+03	-4.312D+04	6.000D+04	3.606D+04
Y	25	40	25	24	19	40	25	40	25	24	19	40
Y MAXIMUM	-2.201D+01	5.277D+01	-2.252D+01	6.445D+02	1.323D+03	2.532D+03	-2.201D+01	5.277D+01	-2.252D+01	6.445D+02	1.137D+03	2.057D+03
Z	11	11	5	5	5	11	11	11	5	5	5	11
Z MAXIMUM	-8.426D+02	-1.108D+03	-1.432D+03	-4.405D+04	1.050D+05	-6.908D+04	-8.426D+02	-1.108D+03	-1.432D+03	-4.405D+04	9.207D+04	-5.910D+04
GRAND TOTAL	3.554D+03	4.312D+03	6.194D+03	2.148D+05	4.165D+05	2.513D+05	3.554D+03	4.312D+03	6.194D+03	2.148D+05	3.665D+05	2.128D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (234)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	1.189D+02	5.265D+02	9.957D+01	-4.013D+04	3.112D+04	-7.568D+04	1.189D+02	5.265D+02	9.957D+01	-4.013D+04	3.132D+04	-7.673D+04
Y	19	44	19	13	19	13	19	44	19	13	19	13
Y MAXIMUM	4.288D+01	-8.822D+00	-1.057D+01	3.055D+02	9.776D+02	5.670D+02	4.288D+01	-8.822D+00	-1.057D+01	3.055D+02	9.564D+02	5.755D+02
Z	13	13	11	13	13	13	13	13	11	13	13	13
Z MAXIMUM	-1.018D+02	-3.790D+02	-6.256D+01	2.728D+04	-2.285D+04	5.063D+04	-1.018D+02	-3.790D+02	-6.256D+01	2.728D+04	-2.296D+04	5.139D+04
GRAND TOTAL	6.613D+02	1.719D+03	4.073D+02	1.224D+05	8.156D+04	2.277D+05	6.613D+02	1.719D+03	4.073D+02	1.224D+05	8.199D+04	2.287D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (235)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	11	12	13	12	13	12	11	12	12
X MAXIMUM	-3.952D+02	7.668D+01	8.746D+02	-2.856D-10	-4.758D+03	4.171D+02	-3.952D+02	7.668D+01	8.746D+02	-2.856D-10	9.227D-09	9.313D-10
Y	50	19	13	11	13	19	50	19	13	11	12	19
Y MAXIMUM	5.080D+00	-2.220D+01	-6.690D+00	-6.324D-12	3.640D+01	-1.208D+02	5.080D+00	-2.220D+01	-6.690D+00	-6.324D-12	1.677D-11	-8.276D-11
Z	13	13	13	11	13	13	13	13	13	11	13	13
Z MAXIMUM	2.741D+02	7.420D+01	-5.974D+02	-6.248D-10	3.250D+03	4.037D+02	2.741D+02	7.420D+01	-5.974D+02	-6.248D-10	-4.690D-09	-6.985D-10
GRAND TOTAL	1.041D+03	3.866D+02	2.312D+03	1.183D-09	1.258D+04	2.103D+03	1.041D+03	3.866D+02	2.312D+03	1.183D-09	1.451D-08	3.534D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (236)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	-6.274D+01	-3.837D+02	-2.737D+02	-4.488D+04	3.172D+04	-7.598D+04	6.274D+01	-3.837D+02	-2.737D+02	-4.488D+04	3.117D+04	-7.621D+04
Y	19	44	19	13	19	13	19	44	19	13	19	13
Y MAXIMUM	2.036D+01	-6.617D+00	-1.519D+01	3.418D+02	1.077D+03	5.774D+02	2.036D+01	-6.617D+00	-1.519D+01	3.418D+02	1.047D+03	5.719D+02
Z	13	11	13	13	13	13	13	11	13	13	13	13
Z MAXIMUM	-3.964D+01	3.594D+02	2.025D+02	3.052D+04	-2.336D+04	5.156D+04	-3.964D+01	3.594D+02	2.025D+02	3.052D+04	-2.295D+04	5.107D+04
GRAND TOTAL	4.382D+02	1.867D+03	7.477D+02	1.348D+05	8.338D+04	2.293D+05	4.382D+02	1.867D+03	7.477D+02	1.348D+05	8.191D+04	2.257D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (237)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	4.772D+01	-7.823D+02	-4.237D+02	-4.488D+04	2.565D+04	-6.711D+04	4.772D+01	-7.823D+02	-4.237D+02	-4.488D+04	2.480D+04	-6.555D+04
Y	19	50	19	13	19	13	19	50	19	13	19	13
Y MAXIMUM	1.171D+01	-6.652D+00	-1.668D+01	3.418D+02	7.901D+02	5.057D+02	1.171D+01	-6.652D+00	-1.668D+01	3.418D+02	7.567D+02	4.942D+02
Z	5	13	13	13	13	13	5	13	13	13	13	13
Z MAXIMUM	4.471D+01	5.156D+02	3.069D+02	3.052D+04	-1.892D+04	4.516D+04	4.471D+01	5.156D+02	3.069D+02	3.052D+04	-1.830D+04	4.413D+04
GRAND TOTAL	3.736D+02	2.876D+03	1.112D+03	1.348D+05	6.727D+04	1.898D+05	3.736D+02	2.876D+03	1.112D+03	1.348D+05	6.505D+04	1.843D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (238)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	13	12	11	12	13	12	13	12	11	12	13
X MAXIMUM	-4.503D+02	7.649D+01	1.052D+03	-2.065D-10	-5.721D+03	4.161D+02	-4.503D+02	7.649D+01	1.052D+03	-2.065D-10	1.032D-08	-1.164D-09
Y	13	19	13	11	13	19	13	19	13	11	12	19
Y MAXIMUM	3.483D+00	-2.201D+01	-8.059D+00	-4.793D-12	4.384D+01	-1.198D+02	3.483D+00	-2.201D+01	-8.059D+00	-4.793D-12	3.666D-11	-7.003D-11
Z	13	13	13	13	13	13	13	13	13	13	11	13
Z MAXIMUM	3.110D+02	7.402D+01	-7.196D+02	2.174D-10	3.915D+03	4.027D+02	3.110D+02	7.402D+01	-7.196D+02	2.174D-10	2.203D-09	-9.313D-10
GRAND TOTAL	1.176D+03	3.837D+02	2.762D+03	7.007D-10	1.502D+04	2.087D+03	1.176D+03	3.837D+02	2.762D+03	7.007D-10	1.439D-08	3.919D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (239)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	5	12	12	12	12	12	5	12	12	12	12	12
X MAXIMUM	4.204D+01	-1.876D+03	-8.464D+02	-5.060D+04	2.520D+04	-6.583D+04	4.204D+01	-1.876D+03	-8.464D+02	-5.060D+04	2.350D+04	-6.208D+04
Y	19	13	19	13	19	13	19	13	19	13	19	13
Y MAXIMUM	-1.070D+01	1.415D+01	-1.983D+01	3.856D+02	8.764D+02	4.965D+02	-1.070D+01	1.415D+01	-1.983D+01	3.856D+02	8.367D+02	4.682D+02
Z	5	13	13	13	13	13	5	13	13	13	13	13
Z MAXIMUM	6.450D+01	1.264D+03	6.002D+02	3.444D+04	-1.870D+04	4.433D+04	6.450D+01	1.264D+03	6.002D+02	3.444D+04	-1.750D+04	4.181D+04
GRAND TOTAL	3.322D+02	5.655D+03	2.190D+03	1.494D+05	6.665D+04	1.850D+05	3.322D+02	5.655D+03	2.190D+03	1.494D+05	6.238D+04	1.738D+05

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (240)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	47	12	12	47	13	12	47	12	12	13
X MAXIMUM	3.951D+02	1.500D+02	-1.209D+02	-6.584D+03	2.902D+03	2.515D+03	3.951D+02	1.500D+02	-1.209D+02	-6.584D+03	2.793D+03	2.698D+03
Y	19	38	38	47	38	38	19	38	38	47	38	19
Y MAXIMUM	-1.359D+02	2.825D+01	5.908D+01	3.171D+02	-1.025D+03	1.093D+03	-1.359D+02	2.825D+01	5.908D+01	3.171D+02	-9.071D+02	-1.071D+03
Z	11	13	38	11	11	11	11	13	38	11	11	11
Z MAXIMUM	-4.931D+02	-9.932D+01	5.309D+01	6.548D+03	-2.984D+03	-3.247D+03	-4.931D+02	-9.932D+01	5.309D+01	6.548D+03	-2.991D+03	-3.073D+03
GRAND TOTAL	3.204D+03	7.089D+02	5.117D+02	3.701D+04	2.152D+04	2.617D+04	3.204D+03	7.089D+02	5.117D+02	3.701D+04	2.074D+04	2.591D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (241)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	47	47	47	1	47	47	47	47	47	1	13	1
X MAXIMUM	-2.820D+01	-2.704D+01	-5.420D+01	4.366D-11	2.950D+02	-1.471D+02	-2.820D+01	-2.704D+01	-5.420D+01	4.366D-11	-4.403D-10	3.984D-10
Y	47	38	38	38	38	38	47	38	38	38	44	19
Y MAXIMUM	-9.745D+00	-1.030D+01	2.384D+01	2.638D-11	-1.298D+02	-5.604D+01	-9.745D+00	-1.030D+01	2.384D+01	2.638D-11	-2.120D-11	-5.622D-11
Z	11	11	38	5	38	11	11	11	38	5	13	11
Z MAXIMUM	1.508D+01	1.491D+01	2.143D+01	-2.910D-11	-1.166D+02	8.114D+01	1.508D+01	1.491D+01	2.143D+01	-2.910D-11	-4.381D-10	-2.815D-10
GRAND TOTAL	1.509D+02	1.397D+02	2.334D+02	2.701D-10	1.270D+03	7.601D+02	1.509D+02	1.397D+02	2.334D+02	2.701D-10	1.446D-09	1.642D-09

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (242)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	47	12	12	13	13	12	47	12	12	13
X MAXIMUM	3.937D+02	1.639D+02	-1.775D+02	-6.716D+03	2.785D+03	2.707D+03	3.937D+02	1.639D+02	-1.775D+02	-6.716D+03	2.625D+03	2.925D+03
Y	19	38	38	47	38	19	19	38	38	47	38	19
Y MAXIMUM	-1.412D+02	3.919D+01	8.290D+01	2.153D+02	-9.034D+02	-1.042D+03	-1.412D+02	3.919D+01	8.290D+01	2.153D+02	-7.377D+02	-1.012D+03
Z	11	13	38	11	11	11	11	13	38	11	11	13
Z MAXIMUM	-5.075D+02	-1.054D+02	7.450D+01	6.617D+03	-2.984D+03	-2.992D+03	-5.075D+02	-1.054D+02	7.450D+01	6.617D+03	-2.964D+03	2.831D+03
GRAND TOTAL	3.315D+03	8.624D+02	7.417D+02	3.684D+04	2.067D+04	2.528D+04	3.315D+03	8.624D+02	7.417D+02	3.684D+04	1.947D+04	2.481D+04

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (243)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	12	50	12	12	12	1	12	50	12	12	12
X MAXIMUM	-4.674D+00	-2.021D+01	-1.073D+00	1.554D+02	1.128D+01	-1.435D+02	-4.674D+00	-2.021D+01	-1.073D+00	1.554D+02	1.179D+01	-2.229D+01

Y	50	19	19	44	19	19	50	19	19	44	19	19
Y MAXIMUM	9.315D-01	-8.798D-01	-3.056D-01	2.876D+00	-1.301D+00	6.828D+00	9.315D-01	-8.798D-01	-3.056D-01	2.876D+00	-3.135D+00	1.211D+01
Z	1	13	1	13	11	11	1	13	1	13	11	5
Z MAXIMUM	-2.609D+00	1.515D+01	5.628D-01	-1.049D+02	-8.001D+00	9.143D+01	-2.609D+00	1.515D+01	5.628D-01	-1.049D+02	-6.911D+00	-2.751D+01
GRAND TOTAL	1.792D+01	7.629D+01	5.054D+00	5.281D+02	5.247D+01	5.454D+02	1.792D+01	7.629D+01	5.054D+00	5.281D+02	6.536D+01	2.065D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (244)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	50	12	13	12	50	50	50	12	13	13	13
X MAXIMUM	7.771D-02	6.418D-02	8.588D-02	2.265D-14	-5.410D-01	4.043D-01	7.771D-02	6.418D-02	8.588D-02	2.265D-14	3.979D-13	-2.842D-13
Y	50	50	47	19	47	50	50	50	47	19	19	19
Y MAXIMUM	2.168D-02	1.790D-02	-8.486D-03	2.442D-15	5.346D-02	1.128D-01	2.168D-02	1.790D-02	-8.486D-03	2.442D-15	-7.189D-15	-5.684D-14
Z	13	13	13	11	13	13	13	13	13	11	13	13
Z MAXIMUM	-4.868D-02	-3.570D-02	-5.506D-02	-2.465D-14	3.469D-01	-2.249D-01	-4.868D-02	-3.570D-02	-5.506D-02	-2.465D-14	3.979D-13	-2.274D-13
GRAND TOTAL	3.829D-01	3.033D-01	3.241D-01	9.806D-14	2.042D+00	1.911D+00	3.829D-01	3.033D-01	3.241D-01	9.806D-14	1.165D-12	9.864D-13

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (245)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	1	12	50	12	12	12	1	12	50	12	12	13
X MAXIMUM	-4.674D+00	-2.026D+01	-1.086D+00	1.559D+02	1.179D+01	-2.207D+01	-4.674D+00	-2.026D+01	-1.086D+00	1.559D+02	1.282D+01	-1.006D+02
Y	50	19	19	44	19	19	50	19	19	44	19	19
Y MAXIMUM	9.136D-01	-8.913D-01	-3.088D-01	2.917D+00	-3.135D+00	1.218D+01	9.136D-01	-8.913D-01	-3.088D-01	2.917D+00	-4.988D+00	1.752D+01
Z	1	13	1	13	11	5	1	13	1	13	5	13
Z MAXIMUM	-2.609D+00	1.520D+01	5.646D-01	-1.053D+02	-6.911D+00	-2.754D+01	-2.609D+00	1.520D+01	5.646D-01	-1.053D+02	7.507D+00	-9.738D+01
GRAND TOTAL	1.771D+01	7.665D+01	5.066D+00	5.299D+02	6.536D+01	2.078D+02	1.771D+01	7.665D+01	5.066D+00	5.299D+02	8.726D+01	5.101D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (246)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	12	12
X MAXIMUM	-1.827D+01	1.387D+01	2.985D+00	-1.322D+02	-2.486D+01	1.590D+02	-1.827D+01	1.387D+01	2.985D+00	-1.322D+02	-6.955D+00	7.573D+01
Y	19	19	38	19	19	44	19	19	38	19	19	38
Y MAXIMUM	7.307D-01	-1.258D+00	2.749D-01	7.598D+00	1.963D+00	2.752D+00	7.307D-01	-1.258D+00	2.749D-01	7.598D+00	2.876D+00	-6.149D+00
Z	13	11	13	11	11	13	13	11	13	11	5	13
Z MAXIMUM	1.180D+01	-1.418D+01	-2.438D+00	9.224D+01	1.516D+01	-1.041D+02	1.180D+01	-1.418D+01	-2.438D+00	9.224D+01	-6.954D+00	-6.060D+01
GRAND TOTAL	6.696D+01	7.505D+01	1.280D+01	5.308D+02	9.669D+01	5.424D+02	6.696D+01	7.505D+01	1.280D+01	5.308D+02	5.346D+01	2.714D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (247)

	PX(I)	VY(I)	VZ(I)	TX I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	50	50	12	0	12	50	50	50	12	0	12	13
X MAXIMUM	-8.054D-02	7.289D-02	6.263D-02	0.0	-3.945D-01	4.592D-01	-8.054D-02	7.289D-02	6.263D-02	0.0	-2.842D-13	-1.386D-13
Y	50	50	19	0	19	50	50	50	19	0	21	38
Y MAXIMUM	-2.247D-02	2.033D-02	-8.933D-03	0.0	5.628D-02	1.281D-01	-2.247D-02	2.033D-02	-8.933D-03	0.0	-3.553D-14	3.908D-14
Z	11	50	11	0	11	50	11	50	11	0	13	11
Z MAXIMUM	3.614D-02	2.530D-02	-3.668D-02	0.0	2.311D-01	1.594D-01	3.614D-02	2.530D-02	-3.668D-02	0.0	2.842D-13	2.842D-13
GRAND TOTAL	3.194D-01	2.763D-01	2.784D-01	0.0	1.754D+00	1.740D+00	3.194D-01	2.763D-01	2.784D-01	0.0	1.364D-12	9.089D-13

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (248)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	12	12	12	12	12	12	12	12	12	12	13	8
X MAXIMUM	-1.827D+01	1.389D+01	2.922D+00	-1.326D+02	-6.955D+00	7.575D+01	-1.827D+01	1.389D+01	2.922D+00	-1.326D+02	-1.560D+01	5.170D+01
Y	50	19	38	19	19	38	50	19	38	19	19	19
Y MAXIMUM	7.500D-01	-1.268D+00	2.807D-01	7.654D+00	2.876D+00	-6.253D+00	7.500D-01	-1.268D+00	2.807D-01	7.654D+00	3.842D+00	1.357D+01
Z	13	11	13	11	5	13	13	11	13	11	13	11
Z MAXIMUM	1.181D+01	-1.422D+01	-2.405D+00	9.247D+01	-6.954D+00	-6.066D+01	1.181D+01	-1.422D+01	-2.405D+00	9.247D+01	-1.509D+01	8.643D+01
GRAND TOTAL	6.696D+01	7.536D+01	1.270D+01	5.324D+02	5.346D+01	2.730D+02	6.696D+01	7.536D+01	1.270D+01	5.324D+02	9.784D+01	4.381D+02

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (249)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	13	12	8	12	13	12	13	12	8	12
X MAXIMUM	-7.018D+00	1.020D+01	3.414D+00	3.789D+02	-8.614D+01	8.232D+02	-7.018D+00	1.020D+01	3.414D+00	3.789D+02	-8.488D+01	7.620D+02
Y	19	50	19	50	19	19	19	50	19	50	19	44
Y MAXIMUM	8.653D-01	1.600D+00	-6.473D-01	-8.197D+00	-3.372D+01	-9.424D+00	8.653D-01	1.600D+00	-6.473D-01	-8.197D+00	-3.761D+01	9.630D+00
Z	13	11	13	11	11	13	13	11	13	11	11	13
Z MAXIMUM	-6.792D+00	-8.472D+00	3.304D+00	-2.666D+02	-1.427D+02	-5.483D+02	-6.792D+00	-8.472D+00	3.304D+00	-2.666D+02	-1.357D+02	-5.116D+02
GRAND TOTAL	3.555D+01	5.333D+01	1.801D+01	1.524D+03	7.211D+02	2.857D+03	3.555D+01	5.333D+01	1.801D+01	1.524D+03	7.865D+02	2.645D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (250)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	47	50	50	0	50	50	47	50	50	0	8	33
X MAXIMUM	6.525D-01	1.207D+00	-6.508D+00	0.0	4.100D+01	7.603D+00	6.525D-01	1.207D+00	-6.508D+00	0.0	-6.366D-12	-2.217D-12
Y	38	19	50	0	50	19	38	19	50	0	25	19
Y MAXIMUM	5.388D-01	1.053D+00	-1.815D+00	0.0	1.144D+01	6.633D+00	5.388D-01	1.053D+00	-1.815D+00	0.0	6.253D-13	3.979D-13
Z	38	11	13	0	13	11	38	11	13	0	8	11
Z MAXIMUM	4.842D-01	1.208D+00	-2.721D+00	0.0	1.714D+01	7.610D+00	4.842D-01	1.208D+00	-2.721D+00	0.0	-6.366D-12	2.728D-12
GRAND TOTAL	4.376D+00	1.471D+01	2.294D+01	0.0	1.445D+02	9.267D+01	4.376D+00	1.471D+01	2.294D+01	0.0	3.774D-11	1.683D-11

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (251)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	13	12	12	12	8	12	13	12	12	12	13	12
X MAXIMUM	-7.860D+00	1.432D+01	-3.209D+00	3.535D+02	-8.040D+01	7.620D+02	-7.860D+00	1.432D+01	-3.209D+00	3.535D+02	9.132D+01	6.761D+02
Y	19	19	19	19	19	44	19	19	19	19	19	44
Y MAXIMUM	1.935D+00	-4.719D-01	-5.020D-01	-3.918D+00	-3.097D+01	9.630D+00	1.935D+00	-4.719D-01	-5.020D-01	-3.918D+00	-3.398D+01	1.013D+01
Z	13	11	13	11	11	13	13	11	13	11	11	13
Z MAXIMUM	-7.606D+00	-1.008D+01	3.077D+00	-2.567D+02	-1.280D+02	-5.116D+02	-7.606D+00	-1.008D+01	3.077D+00	-2.567D+02	-1.183D+02	-4.581D+02
GRAND TOTAL	4.324D+01	5.613D+01	1.643D+01	1.423D+03	7.285D+02	2.645D+03	4.324D+01	5.613D+01	1.643D+01	1.423D+03	7.764D+02	2.316D+03

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (252)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	8	8	8	6	8	8	8	8	8	6	8	8
X MAXIMUM	-4.601D+00	-7.132D+00	-1.300D+01	-1.182D-11	6.108D+01	-3.350D+01	-4.601D+00	-7.132D+00	-1.300D+01	-1.182D-11	8.458D-11	5.377D-11
Y	40	40	27	6	27	40	40	40	27	6	27	27
Y MAXIMUM	-1.051D-01	-2.158D-01	-1.688D-01	-1.101D-13	7.931D-01	-1.014D+00	-1.051D-01	-2.158D-01	-1.688D-01	-1.101D-13	1.226D-12	-1.318D-12
Z	8	8	8	6	8	8	8	8	8	6	11	4
Z MAXIMUM	-5.153D+00	-7.988D+00	-1.456D+01	-9.095D-12	6.841D+01	-3.752D+01	-5.153D+00	-7.988D+00	-1.456D+01	-9.095D-12	-8.822D-11	4.906D-11
GRAND TOTAL	2.313D+01	3.619D+01	7.480D+01	5.370D-11	3.514D+02	1.700D+02	2.313D+01	3.619D+01	7.480D+01	5.370D-11	3.890D-10	1.407D-10

ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (253)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	8	20	8	20	8	14	8	20	8	20	8
X MAXIMUM	1.323D+02	4.776D+01	-2.900D+02	-4.788D+03	3.809D+03	-1.698D+03	1.323D+02	4.776D+01	-2.900D+02	-4.788D+03	9.820D+02	-2.164D+03
Y	16	31	16	14	43	31	16	31	16	14	43	31
Y MAXIMUM	3.563D+01	8.450D+00	2.475D+01	7.586D+01	-3.635D+02	-1.489D+02	3.563D+01	8.450D+00	2.475D+01	7.586D+01	-1.761D+02	-2.313D+02
Z	16	8	8	8	8	8	16	8	8	8	11	8
Z MAXIMUM	1.825D+02	5.350D+01	1.911D+02	-5.363D+03	-2.062D+03	-1.902D+03	1.825D+02	5.350D+01	1.911D+02	-5.363D+03	-6.706D+02	-2.424D+03
GRAND TOTAL	1.043D+03	3.836D+02	1.535D+03	2.268D+04	1.857D+04	8.772D+03	1.043D+03	3.836D+02	1.535D+03	2.268D+04	4.909D+03	1.178D+04

ELEMENT TYPE (B O U N D A R Y) / / / ELEMENT NUMBER (1)

	BDRY-F	BDRY-M
X	10	10
X MAXIMUM	2.462D+03	-1.242D+04

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Y                    32          34
Y MAXIMUM    6.301D+01-4.248D+03
Z                    11           4
Z MAXIMUM    4.466D+03 1.814D+04
GRAND TOTAL 1.758D+04 1.173D+05

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   2)

                  BDRY-F     BDRY-M
X                     8          10
X MAXIMUM   -3.020D+02 1.869D+04
Y                    34          32
Y MAXIMUM    4.862D+01 2.190D+03
Z                     8          11
Z MAXIMUM   -3.382D+02 4.181D+04
GRAND TOTAL 1.705D+03 1.757D+05

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   3)

                  BDRY-F     BDRY-M
X                     8          10
X MAXIMUM   -2.318D+02 1.101D+05
Y                    34          32
Y MAXIMUM    7.486D+01 3.185D+03
Z                     4          11
Z MAXIMUM   -4.280D+02 1.983D+05
GRAND TOTAL 2.290D+03 7.514D+05

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   4)

                  BDRY-F     BDRY-M
X                    14          20
X MAXIMUM   -6.241D+01-6.298D+02
Y                    16          16
Y MAXIMUM   -1.696D+01-1.603D+02
Z                     3           3
Z MAXIMUM   -1.042D+02-1.032D+03
GRAND TOTAL 5.791D+02 5.366D+03

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   5)

                  BDRY-F     BDRY-M
X                    14          14
X MAXIMUM   -6.192D+01-2.324D+03
Y                     2          16
Y MAXIMUM   -1.363D+01-5.692D+02
Z                     8           3
Z MAXIMUM   -6.028D+01-3.708D+03
GRAND TOTAL 4.600D+02 2.087D+04

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   6)

                  BDRY-F     BDRY-M
X                    14           8
X MAXIMUM   -6.754D+01-9.870D+02
Y                    16           2
Y MAXIMUM   -1.709D+01-3.399D+02
Z                     3           8
Z MAXIMUM   -1.139D+02-1.106D+03
GRAND TOTAL 6.138D+02 9.225D+03
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ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   7)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM   -1.090D+03 0.0
Y                   41          0
Y MAXIMUM    1.014D+02 0.0
Z                    8          0
Z MAXIMUM   -1.221D+03 0.0
GRAND TOTAL 5.501D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   8)

                BDRY-F     BDRY-M
X                   10          0
X MAXIMUM    2.396D+03 0.0
Y                   24          0
Y MAXIMUM   -1.010D+02 0.0
Z                   11          0
Z MAXIMUM   -4.458D+03 0.0
GRAND TOTAL 1.280D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   9)

                BDRY-F     8DRY-M
X                   12          0
X MAXIMUM    4.135D+03 0.0
Y                   40          0
Y MAXIMUM    3.528D+02 0.0
Z                   11          0
Z MAXIMUM    4.381D+03 0.0
GRAND TOTAL 2.705D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  10)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM    4.336D+02 0.0
Y                   27          0
Y MAXIMUM    6.303D+01 0.0
Z                    8          0
Z MAXIMUM    4.857D+02 0.0
GRAND TOTAL 2.237D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  11)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM   -3.437D+03 0.0
Y                   49          0
Y MAXIMUM   -1.271D+02 0.0
Z                   11          0
Z MAXIMUM   -5.221D+03 0.0
GRAND TOTAL 2.374D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  12)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM    1.374D+03 0.0
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Y                    49          0
Y MAXIMUM   -6.038D+01 0.0
Z                     8          0
Z MAXIMUM    1.538D+03 0.0
GRAND TOTAL 5.765D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  13)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM   -2.303D+03 0.0
Y                    40          0
Y MAXIMUM    6.350D+01 0.0
Z                    11          0
Z MAXIMUM    3.604D+03 0.0
GRAND TOTAL 1.452D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  14)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM   -4.960D+03 0.0
Y                    30          0
Y MAXIMUM   -8.143D+01 0.0
Z                     8          0
Z MAXIMUM   -5.555D+03 0.0
GRAND TOTAL 2.030D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  15)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM    3.626D+02 0.0
Y                    28          0
Y MAXIMUM   -4.488D+01 0.0
Z                     8          0
Z MAXIMUM    4.062D+02 0.0
GRAND TOTAL 2.126D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  16)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM    6.449D+03 0.0
Y                    31          0
Y MAXIMUM   -6.224D+01 0.0
Z                     8          0
Z MAXIMUM    7.223D+03 0.0
GRAND TOTAL 2.210D+04 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  17)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM   -2.474D+03 0.0
Y                    31          0
Y MAXIMUM    9.047D+01 0.0
Z                     8          0
Z MAXIMUM   -2.771D+03 0.0
GRAND TOTAL 7.740D+03 0.0
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ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  18)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM   -8.243D+01 0.0
Y                   31          0
Y MAXIMUM   -1.689D+02 0.0
Z                    4          0
Z MAXIMUM   -1.045D+02 0.0
GRAND TOTAL 8.334D+02 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  19)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM    7.031D+01 0.0
Y                   31          0
Y MAXIMUM   -1.435D+02 0.0
Z                   11          0
Z MAXIMUM    9.297D+01 0.0
GRAND TOTAL 7.655D+02 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  20)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM    5.695D+02 0.0
Y                   40          0
Y MAXIMUM    2.784D+01 0.0
Z                    4          0
Z MAXIMUM    7.132D+02 0.0
GRAND TOTAL 3.873D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  21)

                BDRY-F     BDRY-M
X                   14          0
X MAXIMUM   -3.432D+02 0.0
Y                   16          0
Y MAXIMUM   -9.227D+01 0.0
Z                    3          0
Z MAXIMUM   -5.313D+02 0.0
GRAND TOTAL 2.304D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  22)

                BDRY-F     BDRY-M
X                   14          0
X MAXIMUM   -8.174D+01 0.0
Y                   43          0
Y MAXIMUM    2.469D+01 0.0
Z                   26          0
Z MAXIMUM    1.109D+02 0.0
GRAND TOTAL 8.546D+02 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  23)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM   -1.699D+02 0.0
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Y                    16          0
Y MAXIMUM    4.501D+01 0.0
Z                    16          0
Z MAXIMUM    2.305D+02 0.0
GRAND TOTAL 1.412D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  24)

                 BDRY-F     BDRY-M
X                    18          0
X MAXIMUM    3.667D+02 0.0
Y                    46          0
Y MAXIMUM    7.422D+01 0.0
Z                    18          0
Z MAXIMUM    4.299D+02 0.0
GRAND TOTAL 1.613D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  25)

                 BDRY-F     BDRY-M
X                    10          0
X MAXIMUM   -9.183D+02 0.0
Y                    40          0
Y MAXIMUM   -5.501D+01 0.0
Z                    11          0
Z MAXIMUM    1.397D+03 0.0
GRAND TOTAL 4.671D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  26)

                 BDRY-F     BDRY-M
X                     1          0
X MAXIMUM   -5.376D+02 0.0
Y                    19          0
Y MAXIMUM   -3.585D+01 0.0
Z                     8          0
Z MAXIMUM    4.524D+02 0.0
GRAND TOTAL 2.223D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  27)

                 BDRY-F     BDRY-M
X                     8          0
X MAXIMUM   -8.431D+02 0.0
Y                    50          0
Y MAXIMUM    4.299D+01 0.0
Z                    11          0
Z MAXIMUM   -1.303D+03 0.0
GRAND TOTAL 6.648D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  28)

                 BDRY-F     BDRY-M
X                     8          0
X MAXIMUM   -6.796D+02 0.0
Y                    19          0
Y MAXIMUM   -2.349D+02 0.0
Z                    11          0
Z MAXIMUM   -1.003D+03 0.0
GRAND TOTAL 5.730D+03 0.0
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ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  29)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM   -4.594D+02 0.0
Y                   38          0
Y MAXIMUM    1.086D+02 0.0
Z                   11          0
Z MAXIMUM   -5.422D+02 0.0
GRAND TOTAL 3.073D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  30)

                BDRY-F     BDRY-M
X                    1          0
X MAXIMUM   -1.011D+03 0.0
Y                   19          0
Y MAXIMUM   -1.738D+01 0.0
Z                    5          0
Z MAXIMUM    6.523D+02 0.0
GRAND TOTAL 3.070D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  31)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM    3.398D+00 0.0
Y                   19          0
Y MAXIMUM   -6.414D-01 0.0
Z                   11          0
Z MAXIMUM   -5.949D+00 0.0
GRAND TOTAL 2.742D+01 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  32)

                BDRY-F     BDRY-M
X                   12          0
X MAXIMUM   -5.400D+01 0.0
Y                   50          0
Y MAXIMUM   -1.443D+00 0.0
Z                   11          0
Z MAXIMUM    3.703D+01 0.0
GRAND TOTAL 2.122D+02 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  33)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM    1.629D+02 0.0
Y                   41          0
Y MAXIMUM    4.954D+01 0.0
Z                   35          0
Z MAXIMUM    2.790D+02 0.0
GRAND TOTAL 1.277D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  34)

                BDRY-F     BDRY-M
X                    8          0
X MAXIMUM   -1.330D+02 0.0
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Y                    41          0
Y MAXIMUM  -1.969D+01 0.0
Z                     8          0
Z MAXIMUM  -1.490D+02 0.0
GRAND TOTAL 8.196D+02 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  35)

                BDRY-F     BDRY-M
X                     8          0
X MAXIMUM   2.162D+02 0.0
Y                     2          0
Y MAXIMUM   3.869D+01 0.0
Z                    11          0
Z MAXIMUM  -2.477D+02 0.0
GRAND TOTAL 1.095D+03 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  36)

                BDRY-F     BDRY-M
X                     3          0
X MAXIMUM  -1.418D+02 0.0
Y                    41          0
Y MAXIMUM  -1.090D+01 0.0
Z                     3          0
Z MAXIMUM  -3.807D+02 0.0
GRAND TOTAL 5.755D+02 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (  37)

                BDRY-F     BDRY-M
X                    14          0
X MAXIMUM  -1.164D+02 0.0
Y                     2          0
Y MAXIMUM   3.168D+01 0.0
Z                    16          0
Z MAXIMUM   1.617D+02 0.0
GRAND TOTAL 7.343D+02 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   1)

                BDRY-F     BDRY-M
X                    10          0
X MAXIMUM   4.004D+00 0.0
Y                    34          0
Y MAXIMUM   3.029D-01 0.0
Z                    11          0
Z MAXIMUM   6.960D+00 0.0
GRAND TOTAL 2.485D+01 0.0

ELEMENT TYPE (B O U N D A R Y          )   / / /   ELEMENT NUMBER (   2)

                BDRY-F     BDRY-M
X                    14          0
X MAXIMUM   2.449D-01 0.0
Y                     2          0
Y MAXIMUM   7.831D-02 0.0
Z                     8          0
Z MAXIMUM   2.706D-01 0.0
GRAND TOTAL 2.338D+00 0.0
```

S N U B B E R L O A D S

SNUBBER ID	NODE	FORCE	MOMENT
1	99	3.5748D+04	0.0
2	100	3.9230D+04	0.0
3	12	2.5073D+04	0.0
4	117	2.9970D+03	0.0
5	122	3.3370D+04	0.0
6	132	2.1338D+04	0.0
7	134	2.7964D+04	0.0
8	140	3.6800D+04	0.0
9	150	6.2033D+03	0.0
10	155	4.7123D+04	0.0
11	163	2.4111D+04	0.0
12	164	3.5936D+04	0.0
13	175	9.0550D+02	0.0
14	176	2.9376D+03	0.0
15	180	6.4396D+02	0.0
16	186	1.1899D+03	0.0
17	187	1.1954D+03	0.0
18	188	1.3138D+03	0.0
19	252	4.7695D+03	0.0
20	207	6.5330D+02	0.0

R. M. S. T I M E L O G

COMPUTE MAXIMUM NODAL DISPLACEMENTS	=	1.26
OUTPUT MAXIMUM NODAL DISPLACEMENTS	=	7.29
COMPUTE ELEMENT STRESSES	=	44.89
TOTAL FOR SPECTRUM ANALYSIS	=	53.44

O V E R A L L T I M E L O G

NODAL POINT INPUT	=	4.90
ELEMENT STIFFNESS FORMATION	=	-5.43
NODAL LOAD INPUT	=	1.53
TOTAL STIFFNESS FORMATION	=	2.27
STATIC ANALYSIS	=	0.0
EIGENVALUE EXTRACTION	=	358.88
STRUCTURE PLOTTING	=	0.0
FORCED RESPONSE ANALYSIS	=	0.0
RESPONSE SPECTRUM ANALYSIS	=	53.45
STEP-BY-STEP INTEGRATION	=	0.0
FREQUENCY RESPONSE ANALYSIS	=	0.0
TOTAL SOLUTION TIME	=	415.61

C O D E S T R E S S A N A L Y S I S

LOAD CASE 1 IS A DEAD WT LOADING

LOAD CASE 2 IS A THERMAL LOADING

LOAD CASE 3 IS A SEISMIC LOADING

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
1	1 - 93	I*= 0.500	4794.52	595.9	2993.2	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	132.3	2529.6	16583.	305.	D(1)
2	93 - 94	I*= 0.500	4794.52	132.3	2529.6	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	236.5	2633.7	16583.	305.	D(1)
3	94 - 2	I*= 0.500	4794.52	236.5	2633.7	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	251.4	2648.6	16583.	305.	D(1)
4	2 - 3	I*= 0.500	4794.52	251.4	3047.3	16583.	305.	D(1)
	(300.)	I= 2.586	4794.52	234.6	3004.0	16583.	305.	D(1)
			4794.52	226.5	2983.1	16583.	305.	D(1)
5	3 - 4	I*= 0.500	4794.52	226.5	2623.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	239.2	2636.5	16583.	305.	D(1)
6	4 - 5	I*= 0.500	4794.52	239.2	2869.4	16583.	305.	D(1)
	(300.)	I= 1.973	4794.52	245.2	2881.2	16583.	305.	D(1)
			4794.52	257.3	2905.1	16583.	305.	D(1)
7	5 - 95	I*= 0.500	4794.52	257.3	2905.1	16583.	305.	D(1)
	(300.)	I= 1.973	4794.52	292.1	2973.7	16583.	305.	D(1)
			4794.52	361.3	3110.3	16583.	305.	D(1)
8	95 - 6	I*= 0.500	4794.52	361.3	2758.5	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	497.4	2894.7	16583.	305.	D(1)
9	6 - 96	I*= 0.500	3549.11	2699.3	4473.9	16583.	305.	D(1)
	(300.)	I= 1.000	3549.11	1271.4	3045.9	16583.	305.	D(1)
10	6 - 97	I*= 0.500	4794.52	429.2	2826.4	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	848.3	3245.6	16583.	305.	D(1)
11	97 - 98	I*= 0.500	4794.52	848.3	3245.6	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	1197.1	3594.4	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
12	98 - 7	I*= 0.500	4794.52	1197.1	3594.4	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	466.6	2863.9	16583.	305.	D(1)
13	7 - 8	I*= 0.500	4794.52	466.6	2863.9	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	432.7	2830.0	16583.	305.	D(1)
			4794.52	599.6	2996.8	16583.	305.	D(1)
14	8 - 99	I*= 0.500	4794.52	599.6	2996.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	336.0	2733.2	16583.	305.	D(1)
15	99 - 100	I*= 0.500	4794.52	336.0	2733.2	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	262.7	2660.0	16583.	305.	D(1)
16	100 - 101	I*= 0.500	4794.52	262.7	2660.0	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	770.3	3167.6	16583.	305.	D(1)
17	101 - 9	I*= 0.500	4794.52	770.3	3167.6	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	1016.2	3413.5	16583.	305.	D(1)
18	9 - 103	I*= 0.500	4417.81	432.7	2641.6	16583.	305.	D(1)
	(300.)	I= 1.000	4417.81	457.9	2666.8	16583.	305.	D(1)
19	9 - 102	I*= 0.500	4794.52	805.6	3202.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	1367.3	3764.5	16583.	305.	D(1)
20	102 - 10	I*= 0.500	4794.52	1367.3	3764.5	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	1739.2	4136.5	16583.	305.	D(1)
21	10 - 11	I*= 0.500	4794.52	1739.2	4136.5	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	496.4	2893.7	16583.	305.	D(1)
			4794.52	1919.0	4316.3	16583.	305.	D(1)
22	11 - 104	I*= 0.500	4794.52	1919.0	4316.3	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	2049.4	4446.7	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
23	107 - 12	B1= 0.500	1493.60	303.5	1050.3	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	567.2	1314.0	29906.	305.	D(1)
24	12 - 13	B1= 1.000	1493.60	567.2	2503.3	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	402.9	2210.9	29906.	305.	D(1)
			1493.60	311.2	2047.7	29906.	305.	D(1)
25	13 - 108	B1= 0.500	1493.60	311.2	1058.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	303.4	1050.2	29906.	305.	D(1)
26	108 - 109	B1= 0.500	1198.63	1927.0	2526.3	29906.	305.	D(1)
	(300.)	B2= 1.000	1198.63	1072.7	1672.1	29906.	305.	D(1)
27	109 - 110	B1= 0.500	1198.63	1072.7	1672.1	29906.	305.	D(1)
	(300.)	B2= 1.000	1198.63	727.7	1327.0	29906.	305.	D(1)
28	110 - 111	B1= 0.500	1198.63	727.7	1327.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1198.63	300.2	899.6	29906.	305.	D(1)
29	114 - 115	I*= 0.500	1198.63	532.8	1132.1	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	385.8	985.1	19938.	305.	D(1)
30	115 - 116	I*= 0.500	1198.63	385.8	985.1	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	190.5	789.8	19938.	305.	D(1)
31	116 - 117	I*= 0.500	1198.63	202.1	801.4	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	18.0	617.4	19938.	305.	D(1)
32	116 - 118	I*= 0.500	789.00	176.0	570.5	19938.	305.	D(1)
	(300.)	I= 1.000	789.00	176.0	570.5	19938.	305.	D(1)
33	117 - 119	I*= 0.500	1198.63	18.0	617.4	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	0.0	599.3	19938.	305.	D(1)
34	118 - 120	I*= 0.500	789.00	176.0	570.5	19938.	305.	D(1)
	(300.)	I= 1.000	789.00	176.0	570.5	19938.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
35	108 - 122	B1= 0.500	1493.60	269.8	1016.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	269.8	1016.6	29906.	305.	D(1)
36	122 - 123	B1= 0.500	1493.60	269.8	1016.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	392.6	1139.4	29906.	305.	D(1)
37	123 - 124	B1= 0.500	1493.60	392.6	1139.4	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	796.5	1543.3	29906.	305.	D(1)
38	124 - 125	B1= 0.500	1493.60	796.5	1543.3	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	851.0	1597.8	29906.	305.	D(1)
39	128 - 129	B1= 0.500	1493.60	243.3	990.1	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	188.2	935.0	29906.	305.	D(1)
40	129 - 14	B1= 0.500	1493.60	188.2	935.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	498.4	1245.2	29906.	305.	D(1)
41	14 - 130	B1= 0.500	1493.60	377.8	1124.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	563.0	1309.8	29906.	305.	D(1)
42	14 - 131	B1= 0.500	1493.60	137.2	884.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	104.7	851.5	29906.	305.	D(1)
43	131 - 15	B1= 0.500	1493.60	104.7	851.5	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	122.0	868.8	29906.	305.	D(1)
44	15 - 16	B1= 1.000	1493.60	122.0	1710.7	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	127.4	1720.3	29906.	305.	D(1)
			1493.60	222.2	1889.2	29906.	305.	D(1)
45	16 - 132	B1= 0.500	1493.60	222.2	969.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	347.8	1094.6	29906.	305.	D(1)
46	132 - 17	B1= 0.500	1493.60	347.8	1094.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	119.1	865.9	29906.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
47	17 - 18	B1= 1.000	1493.60	119.1	1705.5	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	119.8	1706.9	29906.	305.	D(1)
			1493.60	112.2	1693.3	29906.	305.	D(1)
48	18 - 19	B1= 0.500	1493.60	112.2	859.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	79.0	825.8	29906.	305.	D(1)
49	19 - 20	B1= 1.000	1493.60	79.0	1634.2	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	57.0	1595.0	29906.	305.	D(1)
			1493.60	40.5	1565.7	29906.	305.	D(1)
50	20 - 133	B1= 0.500	1493.60	40.5	787.3	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	113.4	860.2	29906.	305.	D(1)
51	133 - 21	B1= 0.500	1493.60	113.4	860.2	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	88.1	834.9	29906.	305.	D(1)
52	21 - 22	B1= 1.000	1493.60	88.1	1650.4	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	100.6	1672.7	29906.	305.	D(1)
			1493.60	93.4	1659.8	29906.	305.	D(1)
53	22 - 23	B1= 0.500	1493.60	93.4	840.2	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	104.3	851.1	29906.	305.	D(1)
54	24 - 195	I*= 0.500	4794.52	904.9	3302.2	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	339.1	2736.3	16583.	305.	D(1)
55	195 - 194	I*= 0.500	4794.52	339.1	2736.3	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	100.2	2497.4	16583.	305.	D(1)
56	194 - 25	I*= 0.500	4794.52	100.2	2497.4	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	184.3	2581.5	16583.	305.	D(1)
57	25 - 26	I*= 0.500	4794.52	184.3	2760.9	16583.	305.	D(1)
	(300.)	I= 1.973	4794.52	201.3	2794.4	16583.	305.	D(1)
			4794.52	172.0	2736.7	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND TB) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
58	26 - 27	I*= 0.500	4794.52	172.0	2569.3	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	153.9	2551.1	16583.	305.	D(1)
59	27 - 28	I*= 0.500	4794.52	153.9	2701.0	16583.	305.	D(1)
	(300.)	I= 1.973	4794.52	118.0	2630.1	16583.	305.	D(1)
			4794.52	170.7	2734.2	16583.	305.	D(1)
60	28 - 29	I*= 0.500	4794.52	170.7	2568.0	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	285.1	2682.3	16583.	305.	D(1)
61	29 - 193	I*= 0.500	3549.11	572.6	2347.2	16583.	305.	D(1)
	(300.)	I= 1.000	3549.11	450.6	2225.1	16583.	305.	D(1)
62	29 - 192	I*= 0.500	4794.52	239.5	2636.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	635.9	3033.1	16583.	305.	D(1)
63	192 - 191	I*= 0.500	4794.52	635.9	3033.1	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	882.4	3279.6	16583.	305.	D(1)
64	191 - 190	I*= 0.500	4794.52	882.4	3279.6	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	655.3	3052.5	16583.	305.	D(1)
65	190 - 30	I*= 0.500	4794.52	655.3	3052.5	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	525.3	2922.6	16583.	305.	D(1)
66	30 - 165	I*= 0.500	4794.52	525.3	2922.6	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	628.9	3026.1	16583.	305.	D(1)
			4794.52	553.7	2950.9	16583.	305.	D(1)
67	165 - 164	I*= 0.500	4794.52	553.7	2950.9	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	300.2	2697.5	16583.	305.	D(1)
			4794.52	230.6	2627.8	16583.	305.	D(1)
68	164 - 163	I*= 0.500	4794.52	230.6	2627.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	320.1	2717.4	16583.	305.	D(1)
			4794.52	421.5	2818.8	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
69	163 - 162	I*= 0.500	4794.52	421.5	2818.8	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	581.6	2978.9	16583.	305.	D(1)
			4794.52	756.7	3154.0	16583.	305.	D(1)
70	162 - 161	I*= 0.500	4794.52	756.7	3154.0	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	260.8	2658.0	16583.	305.	D(1)
			4794.52	125.2	2522.5	16583.	305.	D(1)
71	161 - 160	I*= 0.500	4794.52	125.2	2522.5	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	167.5	2564.8	16583.	305.	D(1)
			4794.52	439.4	2836.7	16583.	305.	D(1)
72	31 - 159	I*= 0.500	4794.52	325.1	2722.4	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	652.1	3049.4	16583.	305.	D(1)
73	156 - 155	B1= 0.500	1493.60	633.2	1380.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	113.3	860.1	29906.	305.	D(1)
74	155 - 32	B1= 0.500	1493.60	113.3	860.1	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	107.3	854.1	29906.	305.	D(1)
75	32 - 33	B1= 1.000	1493.60	107.3	1684.5	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	106.0	1682.3	29906.	305.	D(1)
			1493.60	174.1	1803.6	29906.	305.	D(1)
76	33 - 141	B1= 0.500	1493.60	174.1	920.9	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	225.9	972.7	29906.	305.	D(1)
77	141 - 142	B1= 0.500	1198.63	1483.9	2083.2	29906.	305.	D(1)
	(300.)	B2= 1.000	1198.63	679.3	1278.6	29906.	305.	D(1)
78	142 - 143	B1= 0.500	1198.63	679.3	1278.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1198.63	356.0	955.3	29906.	305.	D(1)
79	143 - 144	B1= 0.500	1198.63	356.0	955.3	29906.	305.	D(1)
	(300.)	B2= 1.000	1198.63	250.7	850.0	29906.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
80	147 - 148	I*= 0.500	1198.63	609.9	1209.2	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	441.3	1040.6	19938.	305.	D(1)
81	148 - 149	I*= 0.500	1198.63	441.3	1040.6	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	218.2	817.5	19938.	305.	D(1)
82	149 - 150	I*= 0.500	1198.63	229.9	829.2	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	18.0	617.4	19938.	305.	D(1)
83	149 - 151	I*= 0.500	789.00	176.0	570.5	19938.	305.	D(1)
	(300.)	I= 1.000	789.00	176.0	570.5	19938.	305.	D(1)
84	150 - 152	I*= 0.500	1198.63	18.0	617.4	19938.	305.	D(1)
	(300.)	I= 1.000	1198.63	0.0	599.3	19938.	305.	D(1)
85	151 - 153	I*= 0.500	789.00	176.0	570.5	19938.	305.	D(1)
	(300.)	I= 1.000	789.00	176.0	570.5	19938.	305.	D(1)
86	141 - 140	B1= 0.500	1493.60	223.8	970.6	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	342.6	1089.4	29906.	305.	D(1)
87	140 - 139	B1= 0.500	1493.60	342.6	1089.4	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	210.2	957.0	29906.	305.	D(1)
88	139 - 34	B1= 0.500	1493.60	210.2	957.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	435.7	1182.5	29906.	305.	D(1)
89	34 - 35	B1= 1.000	1493.60	435.7	2269.2	29906.	305.	D(1)
	(300.)	B2= 1.780	1493.60	451.6	2297.5	29906.	305.	D(1)
			1493.60	457.7	2308.5	29906.	305.	D(1)
90	35 - 138	B1= 0.500	1493.60	457.7	1204.5	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	457.2	1204.0	29906.	305.	D(1)
91	135 - 134	B1= 0.500	1493.60	707.0	1453.8	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	1293.2	2040.0	29906.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
92	134 - 130	B1= 0.500	1493.60	1293.2	2040.0	29906.	305.	D(1)
	(300.)	B2= 1.000	1493.60	563.0	1309.8	29906.	305.	D(1)
93	96 - 36	I*= 0.500	3549.11	1271.4	3045.9	16583.	305.	D(1)
	(300.)	I= 1.000	3549.11	390.0	2164.5	16583.	305.	D(1)
94	36 - 37	I*= 0.500	3549.11	390.0	2437.2	16583.	305.	D(1)
	(300.)	I= 1.699	3549.11	556.0	2719.3	16583.	305.	D(1)
			3549.11	866.3	3246.6	16583.	305.	D(1)
95	37 - 166	I*= 0.500	3549.11	866.3	2640.9	16583.	305.	D(1)
	(300.)	I= 1.000	3549.11	736.3	2510.9	16583.	305.	D(1)
96	168 - 169	I*= 0.500	0.0	676.3	676.3	17133.	213.	D(1)
	(0.)	I= 1.000	0.0	601.1	601.1	17133.	213.	D(1)
97	169 - 170	I*= 0.500	0.0	601.1	601.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	498.1	498.1	17696.	120.	D(1)
98	170 - 171	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
99	171 - 172	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
100	172 - 173	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
101	173 - 174	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
102	170 - 175	I*= 0.500	0.0	498.1	498.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	496.9	496.9	17696.	120.	D(1)
103	175 - 39	I*= 0.500	0.0	496.9	496.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	496.4	496.4	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
104	39 - 40	I*= 0.500	0.0	496.4	843.5	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	513.5	872.5	17696.	120.	D(1)
			0.0	553.0	939.7	17696.	120.	D(1)
105	40 - 176	I*= 0.500	0.0	553.0	553.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	571.6	571.6	17696.	120.	D(1)
106	176 - 41	I*= 0.500	0.0	571.6	571.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	581.1	581.1	17696.	120.	D(1)
107	41 - 42	I*= 0.500	0.0	581.1	987.3	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	571.0	970.3	17696.	120.	D(1)
			0.0	507.4	862.2	17696.	120.	D(1)
108	42 - 43	I*= 0.500	0.0	507.4	507.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	317.8	317.8	17696.	120.	D(1)
109	43 - 44	I*= 0.500	0.0	317.8	540.0	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	229.7	390.3	17696.	120.	D(1)
			0.0	113.0	191.9	17696.	120.	D(1)
110	44 - 177	I*= 0.500	0.0	113.0	113.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1565.4	1565.4	17696.	120.	D(1)
111	177 - 178	I*= 0.500	0.0	1565.4	1565.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	422.1	422.1	17696.	120.	D(1)
112	178 - 45	I*= 0.500	0.0	422.1	422.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	809.4	809.4	17696.	120.	D(1)
113	45 - 46	I*= 0.500	0.0	809.4	1375.4	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	802.1	1362.9	17696.	120.	D(1)
			0.0	794.3	1349.7	17696.	120.	D(1)
114	46 - 179	I*= 0.500	0.0	794.3	794.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1679.1	1679.1	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
115	179 - 180	I*= 0.500	0.0	1679.1	1679.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	498.3	498.3	17696.	120.	D(1)
116	180 - 181	I*= 0.500	0.0	498.3	498.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	459.4	459.4	17696.	120.	D(1)
117	181 - 182	I*= 0.500	0.0	459.4	459.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1682.8	1682.8	17696.	120.	D(1)
118	182 - 183	I*= 0.500	0.0	478.1	478.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	554.4	554.4	17696.	120.	D(1)
119	183 - 59	I*= 0.500	0.0	554.4	554.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	660.9	660.9	17696.	120.	D(1)
120	59 - 184	I*= 0.500	0.0	342.8	342.8	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	310.6	310.6	17696.	120.	D(1)
121	59 - 185	I*= 0.500	0.0	567.1	567.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	374.2	374.2	17696.	120.	D(1)
122	185 - 47	I*= 0.500	0.0	374.2	374.2	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	104.3	104.3	17696.	120.	D(1)
123	47 - 48	I*= 0.500	0.0	104.3	203.8	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	33.4	65.2	17696.	120.	D(1)
			0.0	45.3	88.5	17696.	120.	D(1)
124	48 - 186	I*= 0.500	0.0	45.3	45.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	766.3	766.3	17696.	120.	D(1)
125	186 - 187	I*= 0.500	0.0	766.3	766.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	761.9	761.9	17696.	120.	D(1)
126	187 - 188	I*= 0.500	0.0	761.9	761.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	736.4	736.4	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
127	188 - 49	I*= 0.500	0.0	736.4	736.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	52.1	52.1	17696.	120.	D(1)
128	49 - 50	I*= 0.500	0.0	52.1	101.8	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	210.2	410.6	17696.	120.	D(1)
			0.0	428.6	837.4	17696.	120.	D(1)
129	50 - 189	I*= 0.500	0.0	428.6	428.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	483.1	483.1	17696.	120.	D(1)
130	51 - 52	I*= 0.500	0.0	431.8	843.6	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	300.3	586.7	17696.	120.	D(1)
			0.0	275.9	539.2	17696.	120.	D(1)
131	52 - 53	I*= 0.500	0.0	275.9	275.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	275.4	275.4	17696.	120.	D(1)
132	184 - 58	I*= 0.500	0.0	310.6	310.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	322.3	322.3	17696.	120.	D(1)
133	58 - 57	I*= 0.500	0.0	322.3	547.7	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	240.5	408.7	17696.	120.	D(1)
			0.0	1052.1	1787.6	17696.	120.	D(1)
134	57 - 208	I*= 0.500	0.0	1052.1	1052.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1778.9	1778.9	17696.	120.	D(1)
135	208 - 207	I*= 0.500	0.0	1778.9	1778.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	641.7	641.7	17696.	120.	D(1)
136	207 - 206	I*= 0.500	0.0	641.7	641.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	661.6	661.6	17696.	120.	D(1)
137	206 - 205	I*= 0.500	0.0	442.2	442.2	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	238.4	238.4	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
138	205 - 204	I*= 0.500	0.0	238.4	238.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	222.1	222.1	17696.	120.	D(1)
139	204 - 203	I*= 0.500	0.0	222.1	222.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	86.7	86.7	17696.	120.	D(1)
140	203 - 202	I*= 0.500	0.0	86.7	86.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	132.9	132.9	17696.	120.	D(1)
			0.0	42.5	42.5	17696.	120.	D(1)
141	202 - 201	I*= 0.500	0.0	42.5	42.5	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	171.4	171.4	17696.	120.	D(1)
142	201 - 200	I*= 0.500	0.0	171.4	171.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	408.1	408.1	17696.	120.	D(1)
143	200 - 199	I*= 0.500	0.0	495.5	495.5	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	259.0	259.0	17696.	120.	D(1)
144	199 - 56	I*= 0.500	0.0	259.0	259.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	212.2	212.2	17696.	120.	D(1)
145	56 - 55	I*= 0.500	0.0	212.2	360.6	17696.	120.	D(1)
	(0.)	I= 1.699	0.0	259.3	440.6	17696.	120.	D(1)
			0.0	276.1	469.2	17696.	120.	D(1)
146	55 - 252	I*= 0.500	0.0	276.1	276.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	573.5	573.5	17696.	120.	D(1)
147	196 - 193	I*= 0.500	3549.11	1090.0	2864.5	16583.	305.	D(1)
	(300.)	I= 1.000	3549.11	450.6	2225.1	16583.	305.	D(1)
148	103 - 60	I*= 0.500	4417.81	457.9	2666.8	16583.	305.	D(1)
	(300.)	I= 1.000	4417.81	487.8	2696.7	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
149	60 - 61	I*= 0.500	4417.81	487.8	3162.0	16583.	305.	D(1)
	(300.)	I= 1.954	4417.81	317.9	2830.1	16583.	305.	D(1)
			4417.81	231.6	2661.3	16583.	305.	D(1)
150	61 - 209	I*= 0.500	4417.81	231.6	2440.5	16583.	305.	D(1)
	(300.)	I= 1.000	4417.81	960.4	3169.3	16583.	305.	D(1)
151	212 - 213	I*= 0.500	0.0	1070.4	1070.4	17133.	213.	D(1)
	(0.)	I= 1.000	0.0	203.3	203.3	17133.	213.	D(1)
152	213 - 62	I*= 0.500	0.0	203.3	203.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	129.1	129.1	17696.	120.	D(1)
153	62 - 63	I*= 0.500	0.0	129.1	252.2	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	85.5	167.1	17696.	120.	D(1)
			0.0	84.1	164.3	17696.	120.	D(1)
154	63 - 64	I*= 0.500	0.0	84.1	84.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	98.8	98.8	17696.	120.	D(1)
155	64 - 65	I*= 0.500	0.0	98.8	193.1	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	108.8	212.5	17696.	120.	D(1)
			0.0	154.0	300.9	17696.	120.	D(1)
156	65 - 66	I*= 0.500	0.0	154.0	154.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	205.3	205.3	17696.	120.	D(1)
157	66 - 67	I*= 0.500	0.0	205.3	401.2	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	288.2	563.1	17696.	120.	D(1)
			0.0	506.1	988.8	17696.	120.	D(1)
158	67 - 214	I*= 0.500	0.0	506.1	506.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	573.2	573.2	17696.	120.	D(1)
159	214 - 68	I*= 0.500	0.0	573.2	573.2	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	217.5	217.5	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	0.0	217.5	424.9	17696.	120.	D(1)
	(0.)	I= 1.954	0.0	190.7	372.6	17696.	120.	D(1)
			0.0	165.3	323.0	17696.	120.	D(1)
161	69 - 215	I*= 0.500	0.0	165.3	165.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	498.7	498.7	17696.	120.	D(1)
162	215 - 70	I*= 0.500	0.0	498.7	498.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	700.0	700.0	17696.	120.	D(1)
163	70 - 216	I*= 0.500	0.0	663.8	663.8	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1263.6	1263.6	17696.	120.	D(1)
164	70 - 217	I*= 0.500	0.0	734.4	734.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	343.9	343.9	17696.	120.	D(1)
165	217 - 71	I*= 0.500	0.0	343.9	738.2	17696.	120.	D(1)
	(0.)	I= 2.147	0.0	241.9	519.3	17696.	120.	D(1)
			0.0	359.9	772.5	17696.	120.	D(1)
166	71 - 72	I*= 0.500	0.0	359.9	772.5	17696.	120.	D(1)
	(0.)	I= 2.147	0.0	468.6	1005.9	17696.	120.	D(1)
			0.0	488.7	1049.2	17696.	120.	D(1)
167	72 - 218	I*= 0.500	0.0	488.7	488.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	463.8	463.8	17696.	120.	D(1)
168	218 - 219	I*= 0.500	0.0	463.8	463.8	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	192.1	192.1	17696.	120.	D(1)
169	222 - 223	I*= 0.500	0.0	215.4	215.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	163.0	163.0	17696.	120.	D(1)
170	226 - 73	I*= 0.500	0.0	186.7	186.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	173.5	173.5	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
171	73 - 74	I*= 0.500	0.0	173.5	372.5	17696.	120.	D(1)
	(0.)	I= 2.147	0.0	130.6	280.3	17696.	120.	D(1)
			0.0	85.5	183.5	17696.	120.	D(1)
172	74 - 227	I*= 0.500	0.0	85.5	85.5	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	176.4	176.4	17696.	120.	D(1)
173	227 - 75	I*= 0.500	0.0	176.4	176.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1211.3	1211.3	17696.	120.	D(1)
174	216 - 228	I*= 0.500	0.0	1263.6	1263.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	2152.7	2152.7	17696.	120.	D(1)
175	228 - 76	I*= 0.500	0.0	2152.7	2152.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	1702.0	1702.0	17696.	120.	D(1)
176	76 - 77	I*= 0.500	0.0	1694.3	1694.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	584.7	584.7	17696.	120.	D(1)
177	77 - 78	I*= 0.500	0.0	584.7	1255.3	17696.	120.	D(1)
	(0.)	I= 2.147	0.0	183.6	394.1	17696.	120.	D(1)
			0.0	289.4	621.3	17696.	120.	D(1)
178	78 - 231	I*= 0.500	0.0	289.4	289.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	298.5	298.5	17696.	120.	D(1)
179	231 - 232	I*= 0.500	0.0	298.5	298.5	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	173.9	173.9	17696.	120.	D(1)
180	235 - 79	I*= 0.500	0.0	135.7	135.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	141.9	141.9	17696.	120.	D(1)
181	79 - 80	I*= 0.500	0.0	141.9	304.7	17696.	120.	D(1)
	(0.)	I= 2.147	0.0	59.7	128.1	17696.	120.	D(1)
			0.0	293.1	629.2	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
182	80 - 81	I*= 0.500	0.0	293.1	293.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	653.1	653.1	17696.	120.	D(1)
183	76 - 229	I*= 0.500	0.0	346.7	346.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	327.3	327.3	17696.	120.	D(1)
184	229 - 230	I*= 0.500	0.0	327.3	327.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	315.4	315.4	17696.	120.	D(1)
185	230 - 236	I*= 0.500	0.0	315.4	315.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	185.8	185.8	17696.	120.	D(1)
186	236 - 237	I*= 0.500	0.0	185.8	185.8	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	186.0	186.0	17696.	120.	D(1)
187	240 - 82	I*= 0.500	0.0	197.9	197.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	196.9	196.9	17696.	120.	D(1)
188	82 - 83	I*= 0.500	0.0	196.9	288.3	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	171.0	250.4	17696.	120.	D(1)
			0.0	125.6	183.8	17696.	120.	D(1)
189	83 - 84	I*= 0.500	0.0	125.6	125.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	80.4	80.4	17696.	120.	D(1)
190	84 - 85	I*= 0.500	0.0	80.4	117.7	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	83.8	122.7	17696.	120.	D(1)
			0.0	78.8	115.3	17696.	120.	D(1)
191	85 - 241	I*= 0.500	0.0	78.8	78.8	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	66.1	66.1	17696.	120.	D(1)
192	241 - 85	I*= 0.500	0.0	66.1	66.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	71.8	71.8	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
193	86 - 242	I*= 0.500	0.0	147.7	147.7	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	118.8	118.8	17696.	120.	D(1)
194	86 - 243	I*= 0.500	0.0	96.0	96.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	82.6	82.6	17696.	120.	D(1)
195	242 - 87	I*= 0.500	0.0	118.8	174.0	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	105.8	155.0	17696.	120.	D(1)
			0.0	89.8	131.5	17696.	120.	D(1)
196	87 - 88	I*= 0.500	0.0	89.8	131.5	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	73.4	107.5	17696.	120.	D(1)
			0.0	62.2	91.1	17696.	120.	D(1)
197	88 - 244	I*= 0.500	0.0	62.2	62.2	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	62.6	62.6	17696.	120.	D(1)
198	247 - 89	I*= 0.500	0.0	619.9	619.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	783.5	783.5	17696.	120.	D(1)
199	243 - 90	I*= 0.500	0.0	82.6	121.0	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	78.5	115.0	17696.	120.	D(1)
			0.0	72.8	106.5	17696.	120.	D(1)
200	90 - 91	I*= 0.500	0.0	72.8	106.5	17696.	120.	D(1)
	(0.)	I= 1.464	0.0	66.1	96.8	17696.	120.	D(1)
			0.0	60.3	88.3	17696.	120.	D(1)
201	91 - 248	I*= 0.500	0.0	60.3	60.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	60.0	60.0	17696.	120.	D(1)
202	251 - 92	I*= 0.500	0.0	552.3	552.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	705.4	705.4	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
203	160 - 31	I*= 0.500	4794.52	439.4	2836.7	16583.	305.	D(1)
	(300.)	I= 1.000	4794.52	141.6	2538.8	16583.	305.	D(1)
			4794.52	325.1	2722.4	16583.	305.	D(1)
204	189 - 51	I*= 0.500	0.0	483.1/	483.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	431.8	431.8	17696.	120.	D(1)
205	200 - 206	I*= 0.500	0.0	489.4	489.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	654.9	654.9	17696.	120.	D(1)
206	104 - 105	B1= 0.500	0.0	532.0	532.0	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	607.5	607.5	29906.	305.	D(1)
207	105 - 106	B1= 0.500	0.0	59.8	59.8	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
208	105 - 107	B1= 0.500	0.0	621.2	621.2	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	204.8	204.8	29906.	305.	D(1)
209	111 - 112	B1= 0.500	0.0	175.0	175.0	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	383.4	383.4	29906.	305.	D(1)
210	112 - 113	B1= 0.500	0.0	225.2	225.2	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
211	112 - 114	B1= 0.500	0.0	501.4	501.4	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	310.6	310.6	29906.	305.	D(1)
212	125 - 126	B1= 0.500	0.0	574.3	574.3	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	638.1	638.1	29906.	305.	D(1)
213	126 - 127	B1= 0.500	0.0	59.8	59.8	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
214	126 - 128	B1= 0.500	0.0	624.3	624.3	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	164.2	164.2	29906.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
215	135 - 136	B1= 0.500	0.0	477.1	477.1	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	303.8	303.8	29906.	305.	D(1)
216	136 - 137	B1= 0.500	0.0	59.8	59.8	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
217	136 - 138	B1= 0.500	0.0	299.4	299.4	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	308.6	308.6	29906.	305.	D(1)
218	144 - 145	B1= 0.500	0.0	146.1	146.1	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	505.2	505.2	29906.	305.	D(1)
219	145 - 146	B1= 0.500	0.0	115.9	115.9	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
220	145 - 147	B1= 0.500	0.0	575.1	575.1	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	355.5	355.5	29906.	305.	D(1)
221	153 - 154	I*= 0.500	0.0	56.0	56.0	19938.	305.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	19938.	305.	D(1)
222	156 - 157	B1= 0.500	0.0	427.3	427.3	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	583.9	583.9	29906.	305.	D(1)
223	157 - 158	B1= 0.500	0.0	59.8	59.8	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	D(1)
224	157 - 159	B1= 0.500	0.0	581.7	581.7	29906.	305.	D(1)
	(0.)	B2= 1.000	0.0	169.3	169.3	29906.	305.	D(1)
225	166 - 38	I*= 0.500	1421.70	162.1	873.0	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	177.5	888.3	16583.	305.	D(1)
226	38 - 167	I*= 0.500	1421.70	6.8	717.7	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	0.0	710.9	16583.	305.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
227	38 - 168	I*= 0.500	1421.70	172.1	883.0	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	148.9	859.8	16583.	305.	D(1)
228	198 - 54	I*= 0.500	1421.70	192.2	903.1	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	254.4	965.3	16583.	305.	D(1)
229	54 - 197	I*= 0.500	1421.70	6.8	717.7	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	0.0	710.9	16583.	305.	D(1)
230	54 - 196	I*= 0.500	1421.70	261.1	972.0	16583.	305.	D(1)
	(300.)	I= 1.000	1421.70	240.0	950.9	16583.	305.	D(1)
231	209 - 210	I*= 0.500	1459.92	234.6	964.6	16583.	305.	D(1)
	(300.)	I= 1.000	1459.92	319.3	1049.3	16583.	305.	D(1)
232	210 - 211	I*= 0.500	1459.92	12.4	742.4	16583.	305.	D(1)
	(300.)	I= 1.000	1459.92	0.0	730.0	16583.	305.	D(1)
233	210 - 212	I*= 0.500	1459.92	318.3	1048.3	16583.	305.	D(1)
	(300.)	I= 1.000	1459.92	261.5	991.5	16583.	305.	D(1)
234	219 - 220	I*= 0.500	0.0	52.9	52.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	51.1	51.1	17696.	120.	D(1)
235	220 - 221	I*= 0.500	0.0	12.3	12.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
236	220 - 222	I*= 0.500	0.0	61.2	61.2	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	59.4	59.4	17696.	120.	D(1)
237	223 - 224	I*= 0.500	0.0	44.9	44.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	43.1	43.1	17696.	120.	D(1)
238	224 - 225	I*= 0.500	0.0	12.3	12.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
239	224 - 226	I*= 0.500	0.0	53.3	53.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	51.4	51.4	17696.	120.	D(1)
240	232 - 233	I*= 0.500	0.0	47.9	47.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	48.7	48.7	17696.	120.	D(1)
241	233 - 234	I*= 0.500	0.0	12.3	12.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
242	233 - 235	I*= 0.500	0.0	36.6	36.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	37.4	37.4	17696.	120.	D(1)
243	244 - 245	I*= 0.500	0.0	16.6	16.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	38.1	38.1	17696.	120.	D(1)
244	245 - 246	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
245	245 - 247	I*= 0.500	0.0	38.1	38.1	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	164.8	164.8	17696.	120.	D(1)
246	248 - 249	I*= 0.500	0.0	15.9	15.9	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	29.3	29.3	17696.	120.	D(1)
247	249 - 250	I*= 0.500	0.0	0.0	0.0	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)
248	249 - 251	I*= 0.500	0.0	29.3	29.3	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	146.8	146.8	17696.	120.	D(1)
249	237 - 238	I*= 0.500	0.0	49.4	49.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	50.0	50.0	17696.	120.	D(1)
250	238 - 239	I*= 0.500	0.0	101.6	101.6	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	0.0	0.0	17696.	120.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
251	238 - 240	I*= 0.500	0.0	54.4	54.4	17696.	120.	D(1)
	(0.)	I= 1.000	0.0	52.6	52.6	17696.	120.	D(1)
252	120 - 121	I*= 0.500	712.50	56.0	412.3	19938.	305.	D(1)
	(300.)	I= 1.000	712.50	0.0	356.2	19938.	305.	D(1)
253	252 - 198	I*= 0.500	0.0	573.5	573.5	17133.	213.	D(1)
	(0.)	I= 1.000	0.0	872.8	872.8	17133.	213.	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

**** WEIGHT & PRESS(NORMAL COND 1B) ****

COMP. NO.	COMPONENT TYPE					FAILURE FLAG
		NODE= 182	B1= 1.000	D1= 6.625		
		NA= 0	B2= 1.000	D2= 10.750		
15	CON. REDUCER	NB= 0	C1= 1.000	T1= 0.280		
	PER B16.9	NC= 0	C2= 1.000	T2= 0.365		
		INDEXO= 3	I= 1.000	PRESS= 0.0		

PRESSURE STRESS	MOMENT STRESS(*)	CALCULATED STRESS	ALLOWABLE STRESS	
0.0	1614.79	1614.79	17132.61	D(1)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE						
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000	FAILURE FLAG	
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122		
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162		
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3549.1	2590.3	5819.3	16582.5	D(1)
RUN	4794.5	482.4	3150.5	16582.5	D(1)

MAX. RUN LOAD	(R-1)	M1= 15481.2	M2= -26299.4	M3= -431.6
	(R-2)	M1= 7377.7	M2= 25254.7	M3= -1081.B
	(BR)	M1= -22858.9	M2= 1044.7	M3= 1513.3
MAX. BR. LOAD	(R-1)	M1= 15481.2	M2= -26299.4	M3= -431.6
	(R-2)	M1= 7377.7	M2= 25254.7	M3= -1081.B
	(BR)	M1= -22858.9	M2= 1044.7	M3= 1513.3

COMP. NO.	COMP. TYPE						
		N= 9	DR= 14.000	B1R= 1.000	81B= 1.000	FAILURE FLAG	
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122		
2	BUTT WELD TEE	NB= 102	TR= 0.43B	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162		
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	4417.8	418.5	2862.4	16582.5	D(1)
RUN	4794.5	985.5	3936.1	16582.5	D(1)

MAX. RUN LOAD	(R-1)	M1= -12549.9	M2= 7407.6	M3= -60625.5
	(R-2)	M1= 9958.5	M2= -5363.3	M3= 48115.0
	(BR)	M1= 2591.4	M2= -2044.3	M3= 12510.5
MAX. BR. LOAD	(R-1)	M1= -12549.9	M2= 7407.6	M3= -60625.5
	(R-2)	M1= 9958.5	M2= -5363.3	M3= 48115.0
	(BR)	M1= 2591.4	M2= -2044.3	M3= 12510.5

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 1 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 14	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 130	DB= 14.000	B2R= 1.500	B2B= 1.500	
3	BUTT WELD TEE	NB= 131	TR= 1.406	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 129	TB= 1.406	C2R= 2.000	C2B= 2.000	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	1493.6	453.9	2174.5	29906.2	D(1)
RUN	1493.6	0.0	1493.6	29906.2	D(1)
TOTAL			2174.5	29906.2	

MAX. RUN LOAD	(R-1)	M1= 58805.6	M2= 12903.9	M3= 2780.4
	(R-2)	M1= 15341.6	M2= 14434.8	M3= 5939.1
	(BR)	M1= -74147.1	M2= -27338.6	M3= -8719.5
MAX. BR. LOAD	(R-1)	M1= 58805.6	M2= 12903.9	M3= 2780.4
	(R-2)	M1= 15341.6	M2= 14434.8	M3= 5939.1
	(BR)	M1= -74147.1	M2= -27338.6	M3= -8719.5

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 29	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 28	DB= 6.625	B2R= 3.122	B2B= 3.122	
4	BUTT WELD TEE	NB= 192	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 193	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3549.1	549.5	2632.6	16582.5	D(1)
RUN	4794.5	276.5	2829.0	16582.5	D(1)

MAX. RUN LOAD	(R-1)	M1= 6601.9	M2= 2416.6	M3= -16017.1
	(R-2)	M1= -2040.1	M2= -2534.6	M3= 14331.2
	(BR)	M1= -4561.7	M2= 118.1	M3= 1686.0
MAX. BR. LOAD	(R-1)	M1= 6601.9	M2= 2416.6	M3= -16017.1
	(R-2)	M1= -2040.1	M2= -2534.6	M3= 14331.2
	(BR)	M1= -4561.7	M2= 118.1	M3= 1686.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	FAILURE FLAG
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	

INDEXO= 3 PRESS= 0.0 IR= 1.476 IB= 1.476

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	328.9	485.5	17695.7	D(1)
RUN	0.0	639.2	943.4	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1= 2050.3	M2= 157.2	M3= -19655.7
	(R-2)	M1= -1058.8	M2= 35.6	M3= 16924.4
	(BR)	M1= -991.6	M2= -192.8	M3= 2731.3
MAX. BR. LOAD	(R-1)	M1= 2050.3	M2= 157.2	M3= -19655.7
	(R-2)	M1= -1058.8	M2= 35.6	M3= 16924.4
	(BR)	M1= -991.6	M2= -192.8	M3= 2731.3

COMP. NO.	COMP. TYPE					
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	FAILURE FLAG
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	
6	BUTT WELD TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	

INDEXO= 3 PRESS= 0.0 IR= 1.629 IB= 1.629

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	677.1	1103.1	17695.7	D(1)
RUN	0.0	713.5	1162.4	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1= -10515.6	M2= 30397.2	M3= 988.7
	(R-2)	M1= -9465.7	M2= -27158.3	M3= 4342.3
	(BR)	M1= 19981.3	M2= -3238.9	M3= -5331.1
MAX. BR. LOAD	(R-1)	M1= -10515.6	M2= 30397.2	M3= 988.7
	(R-2)	M1= -9465.7	M2= -27158.3	M3= 4342.3
	(BR)	M1= 19981.3	M2= -3238.9	M3= -5331.1

STRESS ANALYSIS

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173	
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898	
		INDEXO= 3	PRESS= 0.0	IR= 1.087	IB= 1.087	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	68.3	74.2	17695.7	D(1)
RUN	0.0	140.3	152.6	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1= -362.8	M2= 42.6	M3= 303.2
	(R-2)	M1= 261.7	M2= 85.3	M3= -139.8
	(BR)	M1= 101.1	M2= -127.9	M3= -163.5
MAX. BR. LOAD	(R-1)	M1= -362.8	M2= 42.6	M3= 303.2
	(R-2)	M1= 261.7	M2= 85.3	M3= -139.8
	(BR)	M1= 101.1	M2= -127.9	M3= -163.5

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125	
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	1198.6	1720.4	3134.0	29906.2	D(1)
RUN	1493.6	245.8	1739.4	29906.2	D(1)
TOTAL			3674.8	29906.2	

MAX. RUN LOAD	(R-1)	M1= 46969.4	M2= -2961.7	M3= -11304.2
	(R-2)	M1= -41479.9	M2= 2153.2	M3= 11304.2
	(BR)	M1= -5489.5	M2= 808.5	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= 46969.4	M2= -2961.7	M3= -11304.2
	(R-2)	M1= -41479.9	M2= 2153.2	M3= 11304.2
	(BR)	M1= -5489.5	M2= 808.5	M3= 0.0

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                              S T R E S S   A N A L Y S I S

      K = 1.000        INDEX= 1        PRESSURE=   -1.        LOADS=    1

COMP. NO.      COMP. TYPE          N= 141     DR= 14.000    B1R= 1.000    B1B= 1.000    FAILURE FLAG
                                  NA=  33     DB=  3.500    B2R= 1.000    B2B= 1.125
   9        BRANCH CONNECT.       NB= 140     TR=  1.406    C1R= 2.000    C1B= 2.000
            P R NB-3643           NC= 142     TB=  0.438    C2R= 1.000    C2B= 1.5
                             INDEXO=   1  PRESS=  300.0     IR= 1.000     IB= 1.000
              PRESSURE          MOMENT          CALCULATED          ALLOWABLE
               STRESS(*)        STRESS            STRESS              STRESS

     BRANCH      1198.6          1324.B            2689.0              29906.2                                D(1)
        RUN      1493.6           203.2            1696.8              29906.2                                D(1)
      TOTAL                                        3187.1              29906.2

     MAX. RUN LOAD        (R-1)      M1=    1399.8      M2= -35447.7      M3=  -6339.4
                          (R-2)      M1=    2851.6      M2=  35021.2      M3=   6339.4
                            R )      M1=   -4251.4      M2=    426.5        =

     MAX. BR. LOAD        (R-1)      M1=    1399.8      M2= -35447.7      M3=  -6339.4
                          (R-2)      M1=    2851.6      M2=  35021.2      M3=   6339.4
                                     M1=   -4251.4      M2=    426.5      M3=

COMP. NO.      COMP. TYPE          N= 116     DR=  3.500    B1R= 1.000    B1B= 1.000    FAILURE FLAG
                                  NA= 115     DB=  1.315    B2R= 1.000    B2B= 1.412
            ANCH CONNECT.         NB= 117     TR=  0.438    C1R= 2.0        =
            PER NB-3643           NC= 118     TB=  0.250    C2R= 1.000    C2B= 1.882
                             INDEXO=   3  PRESS=  300.0     IR= 1.000     IB= 1.000
              PRESSURE          MOMENT          CALCULATED          ALLOWABLE
                RESS(*)         STRESS            STRESS              STRES

     BRANCH       789.0           150.4             544.9              19937.5                                D(1)
        RUN      1198.6           180.4             779.8              19937.5                                D(1)

     MAX. RUN LOAD        (R-1)      M1=       0.0      M2=      -0.0      M3=   -548.5
                          (R-2)      M1=       0.0      M2=       0.0      M3=    582.0
                          (BR )      M1=      -0.0      M2=       0.0      M3=     -3

     MAX. BR. LOAD        (R-1)      M1=       0.0      M2=      -0.0      M3=   -548.5
                          (R-2)      M1=       0.0      M2=       0.0      M3=    582.0
                                      -         -        -                 -      -
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S T R E S S A N A L Y S I S

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE						
		N= 149	DR= 3.500	B1R= 1.000	B1B= 1.000	FAILURE FLAG	
		NA= 148	DB= 1.315	B2R= 1.000	B2B= 1.412		
11	BRANCH CONNECT.	NB= 150	TR= 0.438	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 151	TB= 0.250	C2R= 1.000	C2B= 1.882		
		INDEXO= 3	PRESS= 300.0	IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	150.4	544.9	19937.5	D(1)
RUN	1198.6	205.2	804.5	19937.5	D(1)

MAX. RUN LOAD	(R-1)	M1=	0.0	M2=	0.0	M3=	-628.4
	(R-2)	M1=	-0.0	M2=	-0.0	M3=	661.9
	(BR)	M1=	-0.0	M2=	0.0	M3=	-33.5
MAX. BR. LOAD	(R-1)	M1=	0.0	M2=	0.0	M3=	-628.4
	(R-2)	M1=	-0.0	M2=	-0.0	M3=	661.9
	(BR)	M1=	-0.0	M2=	0.0	M3=	-33.5

COMP. NO.	COMP. TYPE						
		N= 170	DR= 6.625	B1R= 1.000	B1B= 1.000	FAILURE FLAG	
		NA= 169	DB= 1.315	B2R= 1.000	B2B= 2.090		
12	BRANCH CONNECT.	NB= 175	TR= 0.280	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 171	TB= 0.133	C2R= 1.000	C2B= 2.787		
		INDEXO= 3	PRESS= 0.0	IR= 1.045	IB= 1.045		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	17695.7	D(1)
RUN	0.0	477.9	499.5	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1=	-4164.3	M2=	-330.3	M3=	-673.3
	(R-2)	M1=	4164.3	M2=	330.3	M3=	673.3
	(BR)	M1=	-0.0	M2=	0.0	M3=	0.0
MAX. BR. LOAD	(R-1)	M1=	-4164.3	M2=	-330.3	M3=	-673.3
	(R-2)	M1=	4164.3	M2=	330.3	M3=	673.3
	(BR)	M1=	-0.0	M2=	0.0	M3=	0.0

STRESS ANALYSIS

K = 1.000 INDEX= 3 PRESSURE= -1. LOADS= 1

COMP. NO.	COMP. TYPE					
		N= 200	DR= 6.625	B1R= 1.000	B1B= 1.000	FAILURE FLAG
		NA= 199	DB= 1.315	B2R= 1.000	B2B= 2.090	
13	BRANCH CONNECT.	NB= 206	TR= 0.280	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 201	TB= 0.133	C2R= 1.000	C2B= 2.787	
		INDEXO= 3	PRESS= 0.0	IR= 1.045	IB= 1.045	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	371.5	388.2	17695.7	D(1)
RUN	0.0	475.5	496.9	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1= -1678.1	M2= 343.7	M3= -3845.2
	(R-2)	M1= 1672.7	M2= -340.0	M3= 3791.3
	(BR)	M1= 5.4	M2= -3.7	M3= 53.8
MAX. BR. LOAD	(R-1)	M1= -1678.1	M2= 343.7	M3= -3845.2
	(R-2)	M1= 1672.7	M2= -340.0	M3= 3791.3
	(BR)	M1= 5.4	M2= -3.7	M3= 53.8

COMP. NO.	COMP. TYPE					
		N= 76	DR= 12.750	B1R= 1.000	B1B= 1.000	FAILURE FLAG
		NA= 228	DB= 4.500	B2R= 1.340	B2B= 3.949	
14	BRANCH CONNECT.	NB= 77	TR= 0.375	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 229	TB= 0.237	C2R= 1.786	C2B= 5.265	
		INDEXO= 3	PRESS= 0.0	IR= 1.974	IB= 1.974	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	329.4	650.4	17695.7	D(1)
RUN	0.0	1653.5	3264.8	17695.7	D(1)

MAX. RUN LOAD	(R-1)	M1= 9465.7	M2= 2117.9	M3= 73944.5
	(R-2)	M1= -8374.7	M2= -2201.6	M3= -73733.3
	(BR)	M1= -1091.0	M2= 83.7	M3= -211.2
MAX. BR. LOAD	(R-1)	M1= 9465.7	M2= 2117.9	M3= 73944.5
	(R-2)	M1= -8374.7	M2= -2201.6	M3= -73733.3
	(BR)	M1= -1091.0	M2= 83.7	M3= -211.2

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
1	1 - 93	I*= 0.500	0.0	5753.7	5753.7	26646.	305.	T(2,2)
		I= 1.000	0.0	3336.4	3336.4	26646.	305.	T(2,2)
2	93 - 94	I*= 0.500	0.0	3336.4	3336.4	26646.	305.	T(2,2)
		I= 1.000	0.0	1715.2	1715.2	26646.	305.	T(2,2)
3	94 - 2	I*= 0.500	0.0	1715.2	1715.2	26646.	305.	T(2,2)
		I= 1.000	0.0	2830.6	2830.6	26646.	305.	T(2,2)
4	2 - 3	I*= 0.500	0.0	2830.6	9760.1	26646.	305.	T(2,2)
		I= 3.448	0.0	3356.5	11573.1	26646.	305.	T(2,2)
			0.0	3348.8	11546.8	26646.	305.	T(2,2)
5	3 - 4	I*= 0.500	0.0	3348.8	3348.8	26646.	305.	T(2,2)
		I= 1.000	0.0	3191.5	3191.5	26646.	305.	T(2,2)
6	4 - 5	I*= 0.500	0.0	3191.5	8397.9	26646.	305.	T(2,2)
		I= 2.631	0.0	3218.2	8468.1	26646.	305.	T(2,2)
			0.0	3130.0	8236.1	26646.	305.	T(2,2)
7	5 - 95	I*= 0.500	0.0	3130.0	8236.1	26646.	305.	T(2,2)
		I= 2.631	0.0	2882.9	7585.7	26646.	305.	T(2,2)
			0.0	2501.9	6583.2	26646.	305.	T(2,2)
8	95 - 6	I*= 0.500	0.0	2501.9	2501.9	26646.	305.	T(2,2)
		I= 1.000	0.0	2004.6	2004.6	26646.	305.	T(2,2)
9	6 - 96	I*= 0.500	0.0	2378.8	2378.8	26646.	305.	T(2,2)
		I= 1.000	0.0	2078.8	2078.8	26646.	305.	T(2,2)
10	6 - 97	I*= 0.500	0.0	2316.4	2316.4	26646.	305.	T(2,2)
		I= 1.000	0.0	2028.5	2028.5	26646.	305.	T(2,2)
11	97 - 98	I*= 0.500	0.0	2028.5	2028.5	26646.	305.	T(2,2)
		I= 1.000	0.0	1947.0	1947.0	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
12	98 - 7	I*= 0.500	0.0	1947.0	1947.0	26646.	305.	T(2,2)
		I= 1.000	0.0	1164.6	1164.6	26646.	305.	T(2,2)
13	7 - 8	I*= 0.500	0.0	1164.6	1164.6	26646.	305.	T(2,2)
		I= 1.000	0.0	1649.3	1649.3	26646.	305.	T(2,2)
			0.0	2650.4	2650.4	26646.	305.	T(2,2)
14	8 - 99	I*= 0.500	0.0	2650.4	2650.4	26646.	305.	T(2,2)
		I= 1.000	0.0	3197.4	3197.4	26646.	305.	T(2,2)
15	99 - 100	I*= 0.500	0.0	3197.4	3197.4	26646.	305.	T(2,2)
		I= 1.000	0.0	3546.6	3546.6	26646.	305.	T(2,2)
16	100 - 101	I*= 0.500	0.0	3546.6	3546.6	26646.	305.	T(2,2)
		I= 1.000	0.0	3955.0	3955.0	26646.	305.	T(2,2)
17	101 - 9	I*= 0.500	0.0	3955.0	3955.0	26646.	305.	T(2,2)
		I= 1.000	0.0	4097.9	4097.9	26646.	305.	T(2,2)
18	9 - 103	I*= 0.500	0.0	4492.3	4492.3	26646.	305.	T(2,2)
		I= 1.000	0.0	3858.8	3858.8	26646.	305.	T(2,2)
19	9 - 102	I*= 0.500	0.0	2597.3	2597.3	26646.	305.	T(2,2)
		I= 1.000	0.0	2887.6	2887.6	26646.	305.	T(2,2)
20	102 - 10	I*= 0.500	0.0	2887.6	2887.6	26646.	305.	T(2,2)
		I= 1.000	0.0	3076.2	3076.2	26646.	305.	T(2,2)
21	10 - 11	I*= 0.500	0.0	3076.2	3076.2	26646.	305.	T(2,2)
		I= 1.000	0.0	3940.3	3940.3	26646.	305.	T(2,2)
			0.0	4683.1	4683.1	26646.	305.	T(2,2)
22	11 - 104	I*= 0.500	0.0	4683.1	4683.1	26646.	305.	T(2,2)
		I= 1.000	0.0	4762.0	4762.0	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
23	107 - 12	C1= 1.000	0.0	1993.8	1993.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	2067.8	2067.8	59813.	305.	T(2,2)
24	12 - 13	C1= 1.214	0.0	2067.8	4908.1	59813.	305.	T(2,2)
		C2= 2.374	0.0	2083.2	4944.7	59813.	305.	T(2,2)
			0.0	2001.2	4750.0	59813.	305.	T(2,2)
25	13 - 10B	C1= 1.000	0.0	2001.2	2001.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	1943.7	1943.7	59813.	305.	T(2,2)
26	108 - 109	C1= 1.000	0.0	371.6	371.6	59813.	305.	T(2,2)
		C2= 1.000	0.0	299.6	299.6	59813.	305.	T(2,2)
27	109 - 110	C1= 1.000	0.0	299.6	299.6	59813.	305.	T(2,2)
		C2= 1.000	0.0	268.8	268.8	59813.	305.	T(2,2)
28	110 - 111	C1= 1.000	0.0	268.8	268.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	219.9	219.9	59813.	305.	T(2,2)
29	114 - 115	I*= 0.500	0.0	96.4	96.4	29984.	305.	T(2,2)
		I= 1.000	0.0	69.4	69.4	29984.	305.	T(2,2)
30	115 - 116	I*= 0.500	0.0	69.4	69.4	29984.	305.	T(2,2)
		I= 1.000	0.0	34.7	34.7	29984.	305.	T(2,2)
31	116 - 117	I*= 0.500	0.0	34.7	34.7	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
32	116 - 118	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
33	117 - 119	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
34	118 - 120	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
35	108 - 122	C1= 1.000	0.0	1943.2	1943.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	1871.5	1871.5	59813.	305.	T(2,2)
36	122 - 123	C1= 1.000	0.0	1871.5	1871.5	59813.	305.	T(2,2)
		C2= 1.000	0.0	1736.0	1736.0	59813.	305.	T(2,2)
37	123 - 124	C1= 1.000	0.0	1736.0	1736.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	1414.0	1414.0	59813.	305.	T(2,2)
38	124 - 125	C1= 1.000	0.0	1414.0	1414.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	1352.0	1352.0	59813.	305.	T(2,2)
39	128 - 129	C1= 1.000	0.0	1121.2	1121.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	1093.4	1093.4	59813.	305.	T(2,2)
40	129 - 14	C1= 1.000	0.0	1093.4	1093.4	59813.	305.	T(2,2)
		C2= 1.000	0.0	1046.4	1046.4	59813.	305.	T(2,2)
41	14 - 130	C1= 1.000	0.0	204.8	204.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	178.3	178.3	59813.	305.	T(2,2)
42	14 - 131	C1= 1.000	0.0	1109.6	1109.6	59813.	305.	T(2,2)
		C2= 1.000	0.0	1084.0	1084.0	59813.	305.	T(2,2)
43	131 - 15	C1= 1.000	0.0	1084.0	1084.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	940.0	940.0	59813.	305.	T(2,2)
44	15 - 16	C1= 1.214	0.0	940.0	2231.2	59813.	305.	T(2,2)
		C2= 2.374	0.0	834.1	1979.9	59813.	305.	T(2,2)
			0.0	695.8	1651.5	59813.	305.	T(2,2)
45	16 - 132	C1= 1.000	0.0	695.8	695.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	671.7	671.7	59813.	305.	T(2,2)
46	132 - 17	C1= 1.000	0.0	671.7	671.7	59813.	305.	T(2,2)
		C2= 1.000	0.0	1609.2	1609.2	59813.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
47	17 - 18	C1= 1.214	0.0	1609.2	3819.5	59813.	305.	T(2,2)
		C2= 2.374	0.0	1752.6	4160.1	59813.	305.	T(2,2)
			0.0	1863.4	4423.0	59813.	305.	T(2,2)
48	18 - 19	C1= 1.000	0.0	1863.4	1863.4	59813.	305.	T(2,2)
		C2= 1.000	0.0	2044.8	2044.8	59813.	305.	T(2,2)
49	19 - 20	C1= 1.214	0.0	2044.8	4853.6	59813.	305.	T(2,2)
		C2= 2.374	0.0	2161.8	5131.3	59813.	305.	T(2,2)
			0.0	2314.3	5493.2	59813.	305.	T(2,2)
50	20 - 133	C1= 1.000	0.0	2314.3	2314.3	59813.	305.	T(2,2)
		C2= 1.000	0.0	2616.8	2616.8	59813.	305.	T(2,2)
51	133 - 21	C1= 1.000	0.0	2616.8	2616.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	3399.4	3399.4	59813.	305.	T(2,2)
52	21 - 22	C1= 1.214	0.0	3399.4	8068.8	59813.	305.	T(2,2)
		C2= 2.374	0.0	3705.5	8795.4	59813.	305.	T(2,2)
			0.0	3855.1	9150.6	59813.	305.	T(2,2)
53	22 - 23	C1= 1.000	0.0	3855.1	3855.1	59813.	305.	T(2,2)
		C2= 1.000	0.0	3966.9	3966.9	59813.	305.	T(2,2)
54	24 - 195	I*= 0.500	0.0	4699.4	4699.4	26646.	305.	T(2,2)
		I= 1.000	0.0	3154.9	3154.9	26646.	305.	T(2,2)
55	195 - 194	I*= 0.500	0.0	3154.9	3154.9	26646.	305.	T(2,2)
		I= 1.000	0.0	1191.2	1191.2	26646.	305.	T(2,2)
56	194 - 25	I*= 0.500	0.0	1191.2	1191.2	26646.	305.	T(2,2)
		I= 1.000	0.0	486.6	486.6	26646.	305.	T(2,2)
57	25 - 26	I*= 0.500	0.0	486.6	1280.3	26646.	305.	T(2,2)
		I= 2.631	0.0	492.6	1296.2	26646.	305.	T(2,2)
			0.0	785.8	2067.6	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
58	26 - 27	I*= 0.500	0.0	785.8	785.8	26646.	305.	T(2,2)
		I= 1.000	0.0	878.9	878.9	26646.	305.	T(2,2)
59	27 - 28	I*= 0.500	0.0	878.9	2312.6	26646.	305.	T(2,2)
		I= 2.631	0.0	995.7	2620.0	26646.	305.	T(2,2)
			0.0	1115.5	2935.3	26646.	305.	T(2,2)
60	28 - 29	I*= 0.500	0.0	1115.5	1115.5	26646.	305.	T(2,2)
		I= 1.000	0.0	1369.4	1369.4	26646.	305.	T(2,2)
61	29 - 193	I*= 0.500	0.0	6342.5	6342.5	26646.	305.	T(2,2)
		I= 1.000	0.0	5781.4	5781.4	26646.	305.	T(2,2)
62	29 - 192	I*= 0.500	0.0	1024.3	1024.3	26646.	305.	T(2,2)
		I= 1.000	0.0	1445.2	1445.2	26646.	305.	T(2,2)
63	192 - 191	I*= 0.500	0.0	1445.2	1445.2	26646.	305.	T(2,2)
		I= 1.000	0.0	1710.6	1710.6	26646.	305.	T(2,2)
64	191 - 190	I*= 0.500	0.0	1710.6	1710.6	26646.	305.	T(2,2)
		I= 1.000	0.0	3802.1	3802.1	26646.	305.	T(2,2)
65	190 - 30	I*= 0.500	0.0	3802.1	3802.1	26646.	305.	T(2,2)
		I= 1.000	0.0	1215.1	1215.1	26646.	305.	T(2,2)
66	30 - 165	I*= 0.500	0.0	1215.1	1215.1	26646.	305.	T(2,2)
		I= 1.000	0.0	288.6	288.6	26646.	305.	T(2,2)
			0.0	618.1	618.1	26646.	305.	T(2,2)
67	165 - 164	I*= 0.500	0.0	618.1	618.1	26646.	305.	T(2,2)
		I= 1.000	0.0	1469.9	1469.9	26646.	305.	T(2,2)
			0.0	2263.0	2263.0	26646.	305.	T(2,2)
68	164 - 163	I*= 0.500	0.0	2263.0	2263.0	26646.	305.	T(2,2)
		I= 1.000	0.0	2398.8	2398.8	26646.	305.	T(2,2)
			0.0	2532.5	2532.5	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
69	163 - 162	I*= 0.500	0.0	2532.5	2532.5	26646.	305.	T(2,2)
		I= 1.000	0.0	2720.0	2720.0	26646.	305.	T(2,2)
			0.0	2902.9	2902.9	26646.	305.	T(2,2)
70	162 - 161	I*= 0.500	0.0	2902.9	2902.9	26646.	305.	T(2,2)
		I= 1.000	0.0	3744.8	3744.8	26646.	305.	T(2,2)
			0.0	4461.8	4461.8	26646.	305.	T(2,2)
71	161 - 160	I*= 0.500	0.0	4461.8	4461.8	26646.	305.	T(2,2)
		I= 1.000	0.0	4971.9	4971.9	26646.	305.	T(2,2)
			0.0	5380.1	5380.1	26646.	305.	T(2,2)
72	31 - 159	I*= 0.500	0.0	5469.2	5469.2	26646.	305.	T(2,2)
		I= 1.000	0.0	5511.7	5511.7	26646.	305.	T(2,2)
73	156 - 155	C1= 1.000	0.0	2270.6	2270.6	59813.	305.	T(2,2)
		C2= 1.000	0.0	2411.2	2411.2	59813.	305.	T(2,2)
74	155 - 32	C1= 1.000	0.0	2411.2	2411.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	2443.1	2443.1	59813.	305.	T(2,2)
75	32 - 33	C1= 1.214	0.0	2443.1	5798.9	59813.	305.	T(2,2)
		C2= 2.374	0.0	2414.8	5731.8	59813.	305.	T(2,2)
			0.0	2241.4	5320.1	59813.	305.	T(2,2)
76	33 - 141	C1= 1.000	0.0	2241.4	2241.4	59813.	305.	T(2,2)
		C2= 1.000	0.0	2136.2	2136.2	59813.	305.	T(2,2)
77	141 - 142	C1= 1.000	0.0	178.8	178.8	59813.	305.	T(2,2)
		C2= 1.000	0.0	144.1	144.1	59813.	305.	T(2,2)
78	142 - 143	C1= 1.000	0.0	144.1	144.1	59813.	305.	T(2,2)
		C2= 1.000	0.0	129.3	129.3	59813.	305.	T(2,2)
79	143 - 144	C1= 1.000	0.0	129.3	129.3	59813.	305.	T(2,2)
		C2= 1.000	0.0	105.8	105.8	59813.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
80	147 - 148	I*= 0.500	0.0	46.4	46.4	29984.	305.	T(2,2)
		I= 1.000	0.0	33.4	33.4	29984.	305.	T(2,2)
81	148 - 149	I*= 0.500	0.0	33.4	33.4	29984.	305.	T(2,2)
		I= 1.000	0.0	16.7	16.7	29984.	305.	T(2,2)
82	149 - 150	I*= 0.500	0.0	16.7	16.7	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
83	149 - 151	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
84	150 - 152	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
85	151 - 153	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
86	141 - 140	C1= 1.000	0.0	2136.3	2136.3	59813.	305.	T(2,2)
		C2= 1.000	0.0	1980.4	1980.4	59813.	305.	T(2,2)
87	140 - 139	C1= 1.000	0.0	1980.4	1980.4	59813.	305.	T(2,2)
		C2= 1.000	0.0	1348.1	1348.1	59813.	305.	T(2,2)
88	139 - 34	C1= 1.000	0.0	1348.1	1348.1	59813.	305.	T(2,2)
		C2= 1.000	0.0	791.6	791.6	59813.	305.	T(2,2)
89	34 - 35	C1= 1.214	0.0	791.6	1879.0	59813.	305.	T(2,2)
		C2= 2.374	0.0	691.9	1642.4	59813.	305.	T(2,2)
			0.0	619.1	1469.6	59813.	305.	T(2,2)
90	35 - 138	C1= 1.000	0.0	619.1	619.1	59813.	305.	T(2,2)
		C2= 1.000	0.0	578.7	578.7	59813.	305.	T(2,2)
91	135 - 134	C1= 1.000	0.0	303.6	303.6	59813.	305.	T(2,2)
		C2= 1.000	0.0	212.7	212.7	59813.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
92	134 - 130	C1= 1.000	0.0	212.7	212.7	59813.	305.	T(2,2)
		C2= 1.000	0.0	178.3	178.3	59813.	305.	T(2,2)
93	96 - 36	I*= 0.500	0.0	2078.8	2078.8	26646.	305.	T(2,2)
		I= 1.000	0.0	1912.3	1912.3	26646.	305.	T(2,2)
94	36 - 37	I*= 0.500	0.0	1912.3	4332.5	26646.	305.	T(2,2)
		I= 2.266	0.0	1741.1	3944.7	26646.	305.	T(2,2)
			0.0	1656.2	3752.2	26646.	305.	T(2,2)
95	37 - 166	I*= 0.500	0.0	1656.2	1656.2	26646.	305.	T(2,2)
		I= 1.000	0.0	3745.4	3745.4	26646.	305.	T(2,2)
96	168 - 169	I*= 0.500	0.0	3699.6	3699.6	26783.	213.	T(2,2)
		I= 1.000	0.0	3296.0	3296.0	26783.	213.	T(2,2)
97	169 - 170	I*= 0.500	0.0	3296.0	3296.0	26924.	120.	T(2,2)
		I= 1.000	0.0	1909.5	1909.5	26924.	120.	T(2,2)
98	170 - 171	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
99	171 - 172	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
100	172 - 173	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
101	173 - 174	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
102	170 - 175	I*= 0.500	0.0	1909.5	1909.5	26924.	120.	T(2,2)
		I= 1.000	0.0	1792.9	1792.9	26924.	120.	T(2,2)
103	175 - 39	I*= 0.500	0.0	1792.9	1792.9	26924.	120.	T(2,2)
		I= 1.000	0.0	1730.4	1730.4	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
104	39 - 40	I*= 0.500	0.0	1730.4	3920.4	26924.	120.	T(2,2)
		I= 2.266	0.0	1612.5	3653.3	26924.	120.	T(2,2)
			0.0	1391.8	3153.3	26924.	120.	T(2,2)
105	40 - 176	I*= 0.500	0.0	1391.8	1391.8	26924.	120.	T(2,2)
		I= 1.000	0.0	1289.9	1289.9	26924.	120.	T(2,2)
106	176 - 41	I*= 0.500	0.0	1289.9	1289.9	26924.	120.	T(2,2)
		I= 1.000	0.0	1248.1	1248.1	26924.	120.	T(2,2)
107	41 - 42	I*= 0.500	0.0	1248.1	2827.7	26924.	120.	T(2,2)
		I= 2.266	0.0	1085.9	2460.1	26924.	120.	T(2,2)
			0.0	757.5	1716.2	26924.	120.	T(2,2)
108	42 - 43	I*= 0.500	0.0	757.5	757.5	26924.	120.	T(2,2)
		I= 1.000	0.0	182.4	182.4	26924.	120.	T(2,2)
109	43 - 44	I*= 0.500	0.0	182.4	413.3	26924.	120.	T(2,2)
		I= 2.266	0.0	504.1	1142.1	26924.	120.	T(2,2)
			0.0	732.1	1658.7	26924.	120.	T(2,2)
110	44 - 177	I*= 0.500	0.0	732.1	732.1	26924.	120.	T(2,2)
		I= 1.000	0.0	2328.3	2328.3	26924.	120.	T(2,2)
111	177 - 178	I*= 0.500	0.0	2328.3	2328.3	26924.	120.	T(2,2)
		I= 1.000	0.0	1808.5	1808.5	26924.	120.	T(2,2)
112	178 - 45	I*= 0.500	0.0	1808.5	1808.5	26924.	120.	T(2,2)
		I= 1.000	0.0	698.8	698.8	26924.	120.	T(2,2)
113	45 - 46	I*= 0.500	0.0	698.8	1583.2	26924.	120.	T(2,2)
		I= 2.266	0.0	685.4	1552.9	26924.	120.	T(2,2)
			0.0	671.8	1522.0	26924.	120.	T(2,2)
114	46 - 179	I*= 0.500	0.0	671.8	671.8	26924.	120.	T(2,2)
		I= 1.000	0.0	767.5	767.5	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
115	179 - 180	I*= 0.500	0.0	767.5	767.5	26924.	120.	T(2,2)
		I= 1.000	0.0	678.0	678.0	26924.	120.	T(2, 2)
116	180 - 181	I*= 0.500	0.0	678.0	678.0	26924.	120.	T(2,2)
		I= 1.000	0.0	689.5	689.5	26924.	120.	T(2,2)
								(,)
117	181 - 182	I*= 0.500	0.0	689.5	689.5	26924.	120.	T(2,2)
		I= 1.000	0.0	909.8	909.8	26924.	120.	T(2,2)
118	182 - 183	I*= 0.500	0.0	258.5	258.5	26924.	120.	T 2 2
		I= 1.000	0.0	264.5	264.5	26924.	120.	T(2,2)
119	183 - 59	I*= 0.500	0.0	264.5	264.5	26924.	120.	T(2,2)
		I= 1.000	0.0	272.1	272.1	2692	120.	T 2
120	59 - 184	I*= 0.500	0.0	2032.7	2032.7	26924.	120.	T(2,2)
		I= 1.000	0.0	1979.1	1979.1	26924.	120.	T(2,2)
1							.	(2,2)
121	59 - 185	I*= 0.500	0.0	802.3	802.3	26924.	120.	T(2,2)
		I= 1.000	0.0	804.2	804.2	26924.	120.	T(2,2)
11	-	*= 0.500	0.0	804.2	804.2	26924.	120.	T(2,2)
		I= 1.000	0.0	812.5	812.5	26924.	120.	T(2,2)
123	47 - 48	I*= 0.500	0.0	812.5	2116.5	26924.	120.	T(2,2)
		I = 2.605	0.0	807.8	210		0.	T(2,2)
			0.0	787.2	2050.6	26924.	120.	T(2,2)
124	48 - 186	I*= 0.500	0.0	787.2	787.2	26924.	120.	T(2,2)
		I= 1.000	0.0	309.1	309.1	26924.	120.	T(2,
125	186 - 187	I*= 0.500	0.0	309.1	309.1	26924.	120.	T(2,2)
		I= 1.000	0.0	279.2	279.2	26924.	120.	T(2,2)
126	187 - 188	I*= 0.500	0.0	279.2	279.2	26924.	120.	T(2,2)
		I= 1.000	0.0	269.4	269.4	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
127	188 - 49	I*= 0.500	0.0	269.4	269.4	26924.	120.	T(2,2)
		I= 1.000	0.0	561.6	561.6	26924.	120.	T(2,2)
128	49 - 50	I*= 0.500	0.0	561.6	1463.1	26924.	120.	T(2,2)
		I= 2.605	0.0	674.8	1758.0	26924.	120.	T(2,2)
			0.0	827.7	2156.2	26924.	120.	T(2,2)
129	50 - 189	I*= 0.500	0.0	827.7	827.7	26924.	120.	T(2,2)
		I= 1.000	0.0	865.3	865.3	26924.	120.	T(2,2)
130	51 - 52	I*= 0.500	0.0	905.5	2358.8	26924.	120.	T(2,2)
		I= 2.605	0.0	1029.7	2682.4	26924.	120.	T(2,2)
			0.0	1061.8	2766.0	26924.	120.	T(2,2)
131	52 - 53	I*= 0.500	0.0	1061.8	1061.8	26924.	120.	T(2,2)
		I= 1.000	0.0	1056.5	1056.5	26924.	120.	T(2,2)
132	184 - 58	I*= 0.500	0.0	1979.1	1979.1	26924.	120.	T(2,2)
		I= 1.000	0.0	1921.5	1921.5	26924.	120.	T(2,2)
133	58 - 57	I*= 0.500	0.0	1921.5	4353.3	26924.	120.	T(2,2)
		I= 2.266	0.0	1899.1	4302.5	26924.	120.	T(2,2)
			0.0	1920.7	4351.4	26924.	120.	T(2,2)
134	57 - 208	I*= 0.500	0.0	1920.7	1920.7	26924.	120.	T(2,2)
		I= 1.000	0.0	1956.2	1956.2	26924.	120.	T(2,2)
135	208 - 207	I*= 0.500	0.0	1956.2	1956.2	26924.	120.	T(2,2)
		I= 1.000	0.0	697.6	697.6	26924.	120.	T(2,2)
136	207 - 206	I*= 0.500	0.0	697.6	697.6	26924.	120.	T(2,2)
		I= 1.000	0.0	830.1	830.1	26924.	120.	T(2,2)
137	206 - 205	I*= 0.500	0.0	468.5	468.5	26924.	120.	T(2,2)
		I= 1.000	0.0	103.7	103.7	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
138	205 - 204	I*= 0.500	0.0	103.7	103.7	26924.	120.	T(2,2)
		I= 1.000	0.0	79.3	79.3	26924.	120.	T(2,2)
139	204 - 203	I*= 0.500	0.0	79.3	79.3	26924.	120.	T(2,2)
		I= 1.000	0.0	81.8	81.8	26924.	120.	T(2,2)
140	203 - 202	I*= 0.500	0.0	81.8	81.8	26924.	120.	T(2,2)
		I= 1.000	0.0	78.2	78.2	26924.	120.	T(2,2)
			0.0	192.0	192.0	26924.	120.	T(2,2)
141	202 - 201	I*= 0.500	0.0	192.0	192.0	26924.	120.	T(2,2)
		I= 1.000	0.0	299.4	299.4	26924.	120.	T(2,2)
142	201 - 200	I*= 0.500	0.0	299.4	299.4	26924.	120.	T(2,2)
		I= 1.000	0.0	478.8	478.8	26924.	120.	T(2,2)
143	200 - 199	I*= 0.500	0.0	1029.3	1029.3	26924.	120.	T(2,2)
		I= 1.000	0.0	1261.0	1261.0	26924.	120.	T(2,2)
144	199 - 56	I*= 0.500	0.0	1261.0	1261.0	26924.	120.	T(2,2)
		I= 1.000	0.0	1538.9	1538.9	26924.	120.	T(2,2)
145	56 - 55	I*= 0.500	0.0	1538.9	3486.5	26924.	120.	T(2,2)
		I= 2.266	0.0	1804.3	4087.8	26924.	120.	T(2,2)
			0.0	1905.3	4316.6	26924.	120.	T(2,2)
146	55 - 252	I*= 0.500	0.0	1905.3	1905.3	26924.	120.	T(2,2)
		I= 1.000	0.0	1881.8	1881.8	26924.	120.	T(2,2)
147	196 - 193	I*= 0.500	0.0	1630.1	1630.1	26646.	305.	T(2,2)
		I= 1.000	0.0	5781.4	5781.4	26646.	305.	T(2,2)
148	103 - 60	I*= 0.500	0.0	3858.8	3858.8	26646.	305.	T(2,2)
		I= 1.000	0.0	3768.6	3768.6	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
149	60 - 61	I*= 0.500	0.0	3768.6	9817.6	26646.	305.	T(2,2)
		I= 2.605	0.0	3989.5	10392.9	26646.	305.	T(2,2)
			0.0	3600.1	9378.5	26646.	305.	T(2,2)
150	61 - 209	I*= 0.500	0.0	3600.1	3600.1	26646.	305.	T(2,2)
		I= 1.000	0.0	2458.1	2458.1	26646.	305.	T(2,2)
151	212 - 213	I*= 0.500	0.0	1877.7	1877.7	26783.	213.	T(2,2)
		I= 1.000	0.0	3645.3	3645.3	26783.	213.	T(2,2)
152	213 - 62	I*= 0.500	0.0	3645.3	3645.3	26924.	120.	T(2,2)
		I= 1.000	0.0	4247.4	4247.4	26924.	120.	T(2,2)
153	62 - 63	I*= 0.500	0.0	4247.4	11064.8	26924.	120.	T(2,2)
		I= 2.605	0.0	4606.1	11999.4	26924.	120.	T(2,2)
			0.0	4281.4	11153.4	26924.	120.	T(2,2)
154	63 - 64	I*= 0.500	0.0	4281.4	4281.4	26924.	120.	T(2,2)
		I= 1.000	0.0	6070.0	6070.0	26924.	120.	T(2,2)
155	64 - 65	I*= 0.500	0.0	6070.0	15813.0	26924.	120.	T(2,2)
		I= 2.605	0.0	6596.8	17185.4	26924.	120.	T(2,2)
			0.0	6100.9	15893.4	26924.	120.	T(2,2)
156	65 - 66	I*= 0.500	0.0	6100.9	6100.9	26924.	120.	T(2,2)
		I= 1.000	0.0	5349.4	5349.4	26924.	120.	T(2,2)
157	66 - 67	I*= 0.500	0.0	5349.4	13935.6	26924.	120.	T(2,2)
		I= 2.605	0.0	5580.7	14538.3	26924.	120.	T(2,2)
			0.0	5143.2	13398.6	26924.	120.	T(2,2)
158	67 - 214	I*= 0.500	0.0	5143.2	5143.2	26924.	120.	T(2,2)
		I= 1.000	0.0	4932.1	4932.1	26924.	120.	T(2,2)
159	214 - 68	I*= 0.500	0.0	4932.1	4932.1	26924.	120.	T(2,2)
		I= 1.000	0.0	4214.9	4214.9	26924.	120.	T(2,2)

STRESS ANALYSIS

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	0.0	4214.9	10980.2	26924.	120.	T(2,2)
		I= 2.605	0.0	4477.5	11664.4	26924.	120.	T(2,2)
			0.0	4862.5	12667.4	26924.	120.	T(2,2)
161	69 - 215	I*= 0.500	0.0	4862.5	4862.5	26924.	120.	T(2,2)
		I= 1.000	0.0	8283.4	8283.4	26924.	120.	T(2,2)
162	215 - 70	I*= 0.500	0.0	8283.4	8283.4	26924.	120.	T(2,2)
		I= 1.000	0.0	9354.0	9354.0	26924.	120.	T(2,2)
163	70 - 216	I*= 0.500	0.0	3846.3	3846.3	26924.	120.	T(2,2)
		I= 1.000	0.0	3407.3	3407.3	26924.	120.	T(2,2)
164	70 - 217	I*= 0.500	0.0	3596.1	3596.1	26924.	120.	T(2,2)
		I= 1.000	0.0	2815.8	2815.8	26924.	120.	T(2,2)
165	217 - 71	I*= 0.500	0.0	2815.8	8060.1	26924.	120.	T(2,2)
		I= 2.862	0.0	2384.2	6824.4	26924.	120.	T(2,2)
			0.0	2146.6	6144.4	26924.	120.	T(2,2)
166	71 - 72	I*= 0.500	0.0	2146.6	6144.4	26924.	120.	T(2,2)
		I= 2.862	0.0	2209.3	6324.0	26924.	120.	T(2,2)
			0.0	2546.2	7288.1	26924.	120.	T(2,2)
167	72 - 218	I*= 0.500	0.0	2546.2	2546.2	26924.	120.	T(2,2)
		I= 1.000	0.0	2963.4	2963.4	26924.	120.	T(2,2)
168	218 - 219	I*= 0.500	0.0	2963.4	2963.4	26924.	120.	T(2,2)
		I= 1.000	0.0	823.3	823.3	26924.	120.	T(2,2)
169	222 - 223	I*= 0.500	0.0	734.5	734.5	26924.	120.	T(2,2)
		I= 1.000	0.0	490.2	490.2	26924.	120.	T(2,2)
170	226 - 73	I*= 0.500	0.0	478.6	478.6	26924.	120.	T(2,2)
		I= 1.000	0.0	493.2	493.2	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
171	73 - 74	I*= 0.500	0.0	493.2	1411.7	26924.	120.	T(2,2)
		I= 2.862	0.0	661.1	1892.3	26924.	120.	T(2,2)
			0.0	762.0	2181.3	26924.	120.	T(2,2)
172	74 - 227	I*= 0.500	0.0	762.0	762.0	26924.	120.	T(2,2)
		I= 1.000	0.0	889.6	889.6	26924.	120.	T(2,2)
173	227 - 75	I*= 0.500	0.0	889.6	889.6	26924.	120.	T(2,2)
		I= 1.000	0.0	1492.4	1492.4	26924.	120.	T(2,2)
174	216 - 228	I*= 0.500	0.0	3407.3	3407.3	26924.	120.	T(2,2)
		I= 1.000	0.0	2804.3	2804.3	26924.	120.	T(2,2)
175	228 - 76	I*= 0.500	0.0	2804.3	2804.3	26924.	120.	T(2,2)
		I= 1.000	0.0	2370.3	2370.3	26924.	120.	T(2,2)
176	76 - 77	I*= 0.500	0.0	2590.9	2590.9	26924.	120.	T(2,2)
		I= 1.000	0.0	1003.3	1003.3	26924.	120.	T(2,2)
177	77 - 78	I*= 0.500	0.0	1003.3	2871.8	26924.	120.	T(2,2)
		I= 2.862	0.0	1321.1	3781.7	26924.	120.	T(2,2)
			0.0	2394.6	6854.3	26924.	120.	T(2,2)
178	78 - 231	I*= 0.500	0.0	2394.6	2394.6	26924.	120.	T(2,2)
		I= 1.000	0.0	2592.1	2592.1	26924.	120.	T(2,2)
179	231 - 232	I*= 0.500	0.0	2592.1	2592.1	26924.	120.	T(2,2)
		I= 1.000	0.0	499.8	499.8	26924.	120.	T(2,2)
180	235 - 79	I*= 0.500	0.0	542.2	542.2	26924.	120.	T(2,2)
		I= 1.000	0.0	590.9	590.9	26924.	120.	T(2,2)
181	79 - 80	I*= 0.500	0.0	590.9	1691.5	26924.	120.	T(2,2)
		I= 2.862	0.0	514.7	1473.3	26924.	120.	T(2,2)
			0.0	719.1	2058.4	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
182	80 - 81	I*= 0.500	0.0	719.1	719.1	26924.	120.	T(2,2)
		I= 1.000	0.0	1420.2	1420.2	26924.	120.	T(2,2)
183	76 - 229	I*= 0.500	0.0	6764.7	6764.7	26924.	120.	T(2,2)
		I= 1.000	0.0	6230.7	6230.7	26924.	120.	T(2,2)
184	229 - 230	I*= 0.500	0.0	6230.7	6230.7	26924.	120.	T(2,2)
		I= 1.000	0.0	5895.8	5895.8	26924.	120.	T(2,2)
185	230 - 236	I*= 0.500	0.0	5895.8	5895.8	26924.	120.	T(2,2)
		I= 1.000	0.0	3201.9	3201.9	26924.	120.	T(2,2)
186	236 - 237	I*= 0.500	0.0	3201.9	3201.9	26924.	120.	T(2,2)
		I= 1.000	0.0	3326.3	3326.3	26924.	120.	T(2,2)
187	240 - 82	I*= 0.500	0.0	4932.6	4932.6	26924.	120.	T(2,2)
		I= 1.000	0.0	5072.4	5072.4	26924.	120.	T(2,2)
188	82 - 83	I*= 0.500	0.0	5072.4	9903.1	26924.	120.	T(2,2)
		I= 1.952	0.0	5008.0	9777.4	26924.	120.	T(2,2)
			0.0	3663.4	7152.3	26924.	120.	T(2,2)
189	83 - 84	I*= 0.500	0.0	3663.4	3663.4	26924.	120.	T(2,2)
		I= 1.000	0.0	3377.5	3377.5	26924.	120.	T(2,2)
190	84 - 85	I*= 0.500	0.0	3377.5	6594.1	26924.	120.	T(2,2)
		I= 1.952	0.0	4705.3	9186.3	26924.	120.	T(2,2)
			0.0	4740.2	9254.5	26924.	120.	T(2,2)
191	85 - 241	I*= 0.500	0.0	4740.2	4740.2	26924.	120.	T(2,2)
		I= 1.000	0.0	2080.8	2080.8	26924.	120.	T(2,2)
192	241 - 86	I*= 0.500	0.0	2080.8	2080.8	26924.	120.	T(2,2)
		I= 1.000	0.0	2662.6	2662.6	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
193	86 - 242	I*= 0.500	0.0	2272.6	2272.6	26924.	120.	T(2,2)
		I= 1.000	0.0	2303.9	2303.9	26924.	120.	T(2,2)
194	86 - 243	I*= 0.500	0.0	1853.5	1853.5	26924.	120.	T(2,2)
		I= 1.000	0.0	2052.2	2052.2	26924.	120.	T(2,2)
195	242 - 87	I*= 0.500	0.0	2303.9	4498.0	26924.	120.	T(2,2)
		I= 1.952	0.0	2672.4	5217.4	26924.	120.	T(2,2)
			0.0	2569.2	5016.1	26924.	120.	T(2,2)
196	87 - 88	I*= 0.500	0.0	2569.2	5016.1	26924.	120.	T(2,2)
		I= 1.952	0.0	1953.2	3813.4	26924.	120.	T(2,2)
			0.0	1313.3	2564.0	26924.	120.	T(2,2)
197	88 - 244	I*= 0.500	0.0	1313.3	1313.3	26924.	120.	T(2,2)
		I= 1.000	0.0	1418.3	1418.3	26924.	120.	T(2,2)
198	247 - 89	I*= 0.500	0.0	8773.2	8773.2	26924.	120.	T(2,2)
		I= 1.000	0.0	10114.2	10114.2	26924.	120.	T(2,2)
199	243 - 90	I*= 0.500	0.0	2052.2	4006.6	26924.	120.	T(2,2)
		I= 1.952	0.0	2723.3	5316.8	26924.	120.	T(2,2)
			0.0	2965.9	5790.4	26924.	120.	T(2,2)
200	90 - 91	I*= 0.500	0.0	2965.9	5790.4	26924.	120.	T(2,2)
		I= 1.952	0.0	2655.8	5185.0	26924.	120.	T(2,2)
			0.0	1919.7	3747.9	26924.	120.	T(2,2)
201	91 - 24B	I*= 0.500	0.0	1919.7	1919.7	26924.	120.	T(2,2)
		I= 1.000	0.0	1627.5	1627.5	26924.	120.	T(2,2)
202	251 - 92	I*= 0.500	0.0	5913.9	5913.9	26924.	120.	T(2,2)
		I= 1.000	0.0	6956.8	6956.8	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
203	160 - 31	I*= 0.500	0.0	5380.1	5380.1	26646.	305.	T(2,2)
		I= 1.000	0.0	5425.6	5425.6	26646.	305.	T(2,2)
			0.0	5469.2	5469.2	26646.	305.	T(2,2)
204	189 - 51	I*= 0.500	0.0	865.3	865.3	26924.	120.	T(2,2)
		I= 1.000	0.0	905.5	905.5	26924.	120.	T(2,2)
205	200 - 206	I*= 0.500	0.0	1022.2	1022.2	26924.	120.	T(2,2)
		I= 1.000	0.0	823.5	823.5	26924.	120.	T(2,2)
206	104 - 105	C1= 1.000	0.0	1236.1	1236.1	59813.	305.	T(2,2)
		C2= 1.000	0.0	1289.5	1289.5	59813.	305.	T(2,2)
207	105 - 106	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
208	105 - 107	C1= 1.000	0.0	1289.5	1289.5	59813.	305.	T(2,2)
		C2= 1.000	0.0	1345.5	1345.5	59813.	305.	T(2,2)
209	111 - 112	C1= 1.000	0.0	128.2	128.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	92.2	92.2	59813.	305.	T(2,2)
210	112 - 113	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
211	112 - 114	C1= 1.000	0.0	92.2	92.2	59813.	305.	T(2,2)
		C2= 1.000	0.0	56.2	56.2	59813.	305.	T(2,2)
212	125 - 126	C1= 1.000	0.0	912.4	912.4	59813.	305.	T(2,2)
		C2= 1.000	0.0	829.9	829.9	59813.	305.	T(2,2)
213	126 - 127	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
214	126 - 128	C1= 1.000	0.0	829.9	829.9	59813.	305.	T(2,2)
		C2= 1.000	0.0	756.7	756.7	59813.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
215	135 - 136	C1= 1.000	0.0	204.9	204.9	59813.	305.	T(2,2)
		C2= 1.000	0.0	296.5	296.5	59813.	305.	T(2,2)
216	136 - 137	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
217	136 - 138	C1= 1.000	0.0	296.5	296.5	59813.	305.	T(2,2)
		C2= 1.000	0.0	390.5	390.5	59813.	305.	T(2,2)
218	144 - 145	C1= 1.000	0.0	61.7	61.7	59813.	305.	T(2,2)
		C2= 1.000	0.0	44.3	44.3	59813.	305.	T(2,2)
219	145 - 146	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
220	145 - 147	C1= 1.000	0.0	44.3	44.3	59813.	305.	T(2,2)
		C2= 1.000	0.0	27.0	27.0	59813.	305.	T(2,2)
221	153 - 154	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
222	156 - 157	C1= 1.000	0.0	1532.3	1532.3	59813.	305.	T(2,2)
		C2= 1.000	0.0	1480.0	1480.0	59813.	305.	T(2,2)
223	157 - 158	C1= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	0.0	0.0	59813.	305.	T(2,2)
224	157 - 159	C1= 1.000	0.0	1480.0	1480.0	59813.	305.	T(2,2)
		C2= 1.000	0.0	1430.6	1430.6	59813.	305.	T(2,2)
225	166 - 38	I*= 0.500	0.0	824.8	824.8	26646.	305.	T(2,2)
		I= 1.000	0.0	870.5	870.5	26646.	305.	T(2,2)
226	38 - 167	I*= 0.500	0.0	0.0	0.0	26646.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26646.	305.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
227	38 - 16B	I*= 0.500	0.0	870.5	870.5	26646.	305.	T(2,2)
		I= 1.000	0.0	814.7	814.7	26646.	305.	T(2,2)
228	198 - 54	I*= 0.500	0.0	416.8	416.8	26646.	305.	T(2,2)
		I= 1.000	0.0	421.9	421.9	26646.	305.	T(2,2)
229	54 - 197	I*= 0.500	0.0	0.0	0.0	26646.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26646.	305.	T(2,2)
230	54 - 196	I*= 0.500	0.0	421.9	421.9	26646.	305.	T(2,2)
		I= 1.000	0.0	359.0	359.0	26646.	305.	T(2,2)
231	209 - 210	I*= 0.500	0.0	600.5	600.5	26646.	305.	T(2,2)
		I= 1.000	0.0	504.2	504.2	26646.	305.	T(2,2)
232	210 - 211	I*= 0.500	0.0	0.0	0.0	26646.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26646.	305.	T(2,2)
233	210 - 212	I*= 0.500	0.0	504.2	504.2	26646.	305.	T(2,2)
		I= 1.000	0.0	458.7	458.7	26646.	305.	T(2,2)
234	219 - 220	I*= 0.500	0.0	226.8	226.8	26924.	120.	T(2,2)
		I= 1.000	0.0	214.4	214.4	26924.	120.	T(2,2)
235	220 - 221	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
236	220 - 222	I*= 0.500	0.0	214.4	214.4	26924.	120.	T(2,2)
		I= 1.000	0.0	202.3	202.3	26924.	120.	T(2,2)
237	223 - 224	I*= 0.500	0.0	135.1	135.1	26924.	120.	T(2,2)
		I= 1.000	0.0	132.6	132.6	26924.	120.	T(2,2)
238	224 - 225	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T) /	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
239	224 - 226	I*= 0.500	0.0	132.6	132.6	26924.	120.	T(2,2)
		I= 1.000	0.0	131.9	131.9	26924.	120.	T 2 2
240	232 - 233	I*= 0.500	0.0	137.7	137.7	26924.	120.	T(2,2)
		I= 1.000	0.0	143.5	143.5	26924.	120.	T(2,2)
241	233 - 234	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)
242	233 - 235	I*= 0.500	0.0	143.5	143.5	26924.	120.	T 2 2
		I= 1.000	0.0	149.4	149.4	26924.	120.	T(2,2)
243	244 - 245	I*= 0.500	0.0	377.0	377.0	26924.	120.	T(2,2)
		I= 1.000	0.0	1274.5	1274.5	26924.	120.	T 2 2(,)
244	245 - 246	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2) (,)
245	245 - 247	I*= 0.500	0.0	1274.5	1274.5	26924.	120.	T(2,2)
		I= 1.000	0.0	2332.2	2332.2	26924.	120.	T(2,2)
46	248 - 249	I*= 0.500	0.0	432.6	432.6	26924.	12	T
		I= 1.000	0.0	774.2	774.2	26924.	120.	T(2,2)
247	249 - 250	I*= 0.500	0.0	0.0	0.0	26924.	120.	T(2,2)
		= .000	0.0	0.0	0.0	26924.	12	
24B	249 - 251	I*= 0.500	0.0	774.2	774.2	26924.	120.	T(2,2)
		I= 1.000	0.0	1572.1	1572.1	26924.	120.	T(2,2)
147	196 193	I 0.5					5.	T(2,2)
249	237 - 238	I*= 0.500	0.0	884.2	884.2	26924.	120.	T(2,2)
		I= 1.000	0.0	1092.3	1092.3	26924.	120.	T(2,2)
0	238 - 239	I*= 0L50D.000	0.0 0.0	03768.6	03768.6 2	26646.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	26924.	120.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
251	238 - 240	I*= 0.500	0.0	1092.3	1092.3	26924.	120.	T(2,2)
		I= 1.000	0.0	1311.2	1311.2	26924.	120.	T(2,2)
252	120 - 121	I*= 0.500	0.0	0.0	0.0	29984.	305.	T(2,2)
		I= 1.000	0.0	0.0	0.0	29984.	305.	T(2,2)
253	252 - 198	I*= 0.500	0.0	1881.8	1881.8	26783.	213.	T(2,2)
		I= 1.000	0.0	1893.0	1893.0	26783.	213.	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

**** THERMAL EXP ** NORMAL CONDITION 1B ** ****

COMP. NO.	COMPONENT TYPE					FAILURE FLAG
		NODE=	182	B1= 1.000	D1= 6.625	
		NA=	0	B2= 1.000	D2= 10.750	
15	CON. REDUCER	NB=	0	C1= 1.000	T1= 0.280	
	PER 816.9	NC=	0	C2= 1.000	T2= 0.365	
		INDEXO=	4	I= 1.278		

PRESSURE STRESS	MOMENT STRESS(*)	CALCULATED STRESS	ALLOWABLE STRESS	
0.0	873.05	1116.01	26783.15	T(2,2)

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122		
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162		
		INDEXO= 4		IR= 2.082	IB= 2.082		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	2282.7	4752.8	26645.6	T(2,2)
RUN	0.0	2246.3	4676.9	26645.6	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -25787.7	M2= -5778.0	M3= 120120.4
	(R-2)	M1= 29469.6	M2= -304.8	M3=-139038.4
	(BR)	M1= -3682.0	M2= 6082.9	M3= 18918.0
MAX. BR. LOAD	(R-1)	M1= -25787.7	M2= -5778.0	M3= 120120.4
	(R-2)	M1= 29469.6	M2= -304.8	M3=-139038.4
	(BR)	M1= -3682.0	M2= 6082.9	M3= 18918.0

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 9	DR= 14.000	B1R= 1.000	B1B= 1.000		
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122		
2	BUTT WELD TEE	NB= 102	TR= 0.438	C1R= 1.500	C1B= 1.500		
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162		
		INDEXO= 4		IR= 2.082	IB= 2.082		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	4345.1	9046.7	26645.6	T(2,2)
RUN	0.0	3973.8	8273.7	26645.6	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -42516.8	M2= 247293.4	M3= 16031.7
	(R-2)	M1= 52038.2	M2=-137693.8	M3= 61064.8
	(BR)	M1= -9521.4	M2=-109599.5	M3= -77096.5
MAX. BR. LOAD	(R-1)	M1= -42516.8	M2= 247293.4	M3= 16031.7
	(R-2)	M1= 52038.2	M2=-137693.8	M3= 61064.8
	(BR)	M1= -9521.4	M2=-109599.5	M3= -77096.5

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 14	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 130	DB= 14.000	B2R= 1.500	B2B= 1.500	
3	BUTT WELD TEE	NB= 131	TR= 1.406	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 129	TB= 1.406	C2R= 2.000	C2B= 2.000	
		INDEXO= 2		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	953.1	1906.1	59812.5	T(2,2)
RUN	0.0	186.6	373.1	59812.5	T(2,2)
TOTAL			2279.3	59812.5	

MAX. RUN LOAD	(R-1)	M1= -4331.5	M2= 32387.7	M3= 144.4
	(R-2)	M1= 89540.1	M2= -58645.0	M3= 140975.8
	(BR)	M1= -85208.5	M2= 26257.3	M3=-141120.2
MAX. BR. LOAD	(R-1)	M1= -4331.5	M2= 32387.7	M3= 144.4
	(R-2)	M1= 89540.1	M2= -58645.0	M3= 140975.8
	(BR)	M1= -85208.5	M2= 26257.3	M3=-141120.2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 29	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 28	DB= 6.625	B2R= 3.122	B2B= 3.122	
4	BUTT WELD TEE	NB= 192	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 193	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 4		IR= 2.082	IB= 2.082	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	6086.3	12671.9	26645.6	T(2,2)
RUN	0.0	1328.0	2764.9	26645.6	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 50691.6	M2= -47390.2	M3= 47374.3
	(R-2)	M1= 1000.5	M2= 53267.0	M3= -33340.4
	(BR)	M1= -51692.1	M2= -5876.8	M3= -14034.0
MAX. BR. LOAD	(R-1)	M1= 50691.6	M2= -47390.2	M3= 47374.3
	(R-2)	M1= 1000.5	M2= 53267.0	M3= -33340.4
	(BR)	M1= -51692.1	M2= -5376.8	M3= -14034.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	
		INDEXO= 4		IR= 1.968	IB= 1.968	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	1950.6	3838.5	26923.9	T(2,2)
RUN	0.0	776.0	1527.1	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -2789.1	M2= -7425.6	M3= 1808.9
	(R-2)	M1= 198.4	M2= 19736.4	M3= -13639.7
	(BR)	M1= 2590.7	M2= -12310.8	M3= 11830.8
MAX. BR. LOAD	(R-1)	M1= -2789.1	M2= -7425.6	M3= 1808.9
	(R-2)	M1= 198.4	M2= 19736.4	M3= -13639.7
	(BR)	M1= 2590.7	M2= -12310.8	M3= 11830.8

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	
6	BUTT WELD TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	
		INDEXO= 4		IR= 2.172	IB= 2.172	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	9047.5	19654.5	26923.9	T(2,2)
RUN	0.0	3736.6	8117.2	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -6205.7	M2= 92522.5	M3= 127398.2
	(R-2)	M1= 25218.5	M2= -70832.0	M3= 150832.0
	(BR)	M1= -19012.8	M2= -21690.5	M3=-278230.3
MAX. BR. LOAD	(R-1)	M1= -6205.7	M2= 92522.5	M3= 127398.2
	(R-2)	M1= 25218.5	M2= -70832.0	M3= 150832.0
	(BR)	M1= -19012.8	M2= -21690.5	M3=-278230.3

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE						
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	FAILURE FLAG	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173		
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500		
	PER 816.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898		
		INDEXO= 4		IR= 1.450	IB= 1.450		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	2530.2	3667.6	26923.9	T(2,2)
RUN	0.0	2159.6	3130.4	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -395.8	M2= 370.1	M3= 7285.2
	(R-2)	M1= 5204.1	M2= -2828.6	M3= -645.1
	(BR)	M1= -4808.4	M2= 2458.4	M3= -6640.1
MAX. BR. LOAD	(R-1)	M1= -395.8	M2= 370.1	M3= 7285.2
	(R-2)	M1= 5204.1	M2= -2828.6	M3= -645.1
	(BR)	M1= -4808.4	M2= 2458.4	M3= -6640.1

COMP. NO.	COMP. TYPE						
		N= 108	DR 14.000	B1R= 1.000	B1B= 1.000	FAILURE FLAG	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125		
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500		
		INDEXO= 2		IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	331.8	497.7	59812.5	T(2,2)
RUN	0.0	1769.8	1769.8	59812.5	T(2,2)
TOTAL			2267.5	59812.5	

MAX. RUN LOAD	(R-1)	M1= -27327.4	M2= 496.1	M3=-308860.7
	(R-2)	M1= 26257.3	M2= -496.1	M3= 308860.7
	(BR)	M1= 1070.1	M2= 0.0	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= -27327.4	M2= 496.1	M3=-308860.7
	(R-2)	M1= 26257.3	M2= -496.1	M3= 308860.7
	(BR)	M1= 1070.1	M2= 0.0	M3= 0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 2 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 2		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	159.6	239.4	59812.5	T(2,2)
RUN	0.0	1945.6	1945.6	59812.5	T(2,2)
TOTAL			2185.0	59812.5	

MAX. RUN LOAD	(R-1)	M1= -7615.8	M2= -6325.7	M3=-340625.6
	(R-2)	M1= 8130.6	M2= 6325.7	M3= 340625.6
	(BR)	M1= -514.8	M2= -0.0	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= -7615.8	M2= -6325.7	M3=-340625.6
	(R-2)	M1= 8130.6	M2= 6325.7	M3= 340625.6
	(BR)	M1= -514.8	M2= -0.0	M3= 0.0

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 4		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	29984.4	T(2,2)
RUN	0.0	31.0	31.0	29984.4	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 0.0	M2= -0.0	M3= -100.0
	(R-2)	M1= 0.0	M2= 0.0	M3= 100.0
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0
MAX. BR. LOAD	(R-1)	M1= 0.0	M2= -0.0	M3= -100.0
	(R-2)	M1= 0.0	M2= 0.0	M3= 100.0
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0

S T R E S S A N A L Y S I S

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE						
		N= 149	DR= 3.500	B1R= 1.000	B1B= 1.000	FAILURE FLAG	
		NA= 148	DB= 1.315	B2R= 1.000	B2B= 1.412		
11	BRANCH CONNECT.	NB= 150	TR= 0.438	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 151	TB= 0.250	C2R= 1.000	C2B= 1.882		
		INDEXO= 4		IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	29984.4	T(2,2)
RUN	0.0	14.9	14.9	29984.4	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 0.0	M2= 0.0	M3= 48.1
	(R-2)	M1= -0.0	M2= -0.0	M3= -48.1
	(BR)	M1= -0.0	M2= 0.0	M3= 0.0
MAX. BR. LOAD	(R-1)	M1= 0.0	M2= 0.0	M3= 48.1
	(R-2)	M1= -0.0	M2= -0.0	M3= -48.1
	(BR)	M1= -0.0	M2= 0.0	M3= 0.0

COMP. NO.	COMP. TYPE						
		N= 170	DR= 6.625	B1R= 1.000	B1B= 1.000	FAILURE FLAG	
		NA= 169	DB= 1.315	B2R= 1.000	B2B= 2.090		
12	BRANCH CONNECT.	NB= 175	TR= 0.280	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 171	TB= 0.133	C2R= 1.000	C2B= 2.787		
		INDEXO= 4		IR= 1.393	IB= 1.393		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	0.0	0.0	26923.9	T(2,2)
RUN	0.0	1832.4	2553.4	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 10302.1	M2= 1157.1	M3= 12478.1
	(R-2)	M1= -10302.1	M2= -1157.1	M3= -12478.1
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0
MAX. BR. LOAD	(R-1)	M1= 10302.1	M2= 1157.1	M3= 12478.1
	(R-2)	M1= -10302.1	M2= -1157.1	M3= -12478.1
	(BR)	M1= -0.0	M2= -0.0	M3= -0.0

STRESS ANALYSIS

K = 1.000 INDEX= 4 PRESSURE= 0. LOADS= 2

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 200	DR= 6.625	B1R= 1.000	B1B= 1.000	
		NA= 199	DB= 1.315	B2R= 1.000	B2B= 2.090	
13	BRANCH CONNECT.	NB= 206	TR= 0.280	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 201	TB= 0.133	C2R= 1.000	C2B= 2.787	
		INDEXO= 4		IR= 1.393	IB= 1.393	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	435.8	607.3	26923.9	T(2,2)
RUN	0.0	987.7	1376.4	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= 4457.1	M2= -225.9	M3= 7520.1
	(R-2)	M1= -4442.3	M2= 217.4	M3= -7458.9
	(BR)	M1= -14.8	M2= 8.5	M3= -61.3
MAX. BR. LOAD	(R-1)	M1= 4457.1	M2= -225.9	M3= 7520.1
	(R-2)	M1= -4442.3	M2= 217.4	M3= -7458.9
	(BR)	M1= -14.8	M2= 8.5	M3= -61.3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 76	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 228	DB= 4.500	B2R= 1.340	B2B= 3.949	
14	BRANCH CONNECT.	NB= 77	TR= 0.375	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 229	TB= 0.237	C2R= 1.786	C2B= 5.265	
		INDEXO= 4		IR= 2.633	IB= 2.633	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	6428.2	16923.2	26923.9	T(2,2)
RUN	0.0	2517.0	6626.3	26923.9	T(2,2)

MAX. RUN LOAD	(R-1)	M1= -25218.5	M2= 88623.8	M3= 47924.5
	(R-2)	M1= 18699.1	M2= -88447.6	M3= -68668.5
	(BR)	M1= 6519.4	M2= -176.2	M3= 20744.0
MAX. BR. LOAD	(R-1)	M1= -25218.5	M2= 88623.8	M3= 47924.5
	(R-2)	M1= 18699.1	M2= -88447.6	M3= -68668.5
	(BR)	M1= 6519.4	M2= -176.2	M3= 20744.0

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
1	1 - 93	I*= 0.500	4794.52	9075.4	11472.6	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	6594.8	8992.1	19899.	305.		D(1)-S(3)
2	93 - 94	I*= 0.500	4794.52	6594.8	8992.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	5967.4	8364.6	19899.	305.		D(1)+S(3)
3	94 - 2	I*= 0.500	4794.52	5967.4	8364.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	7253.0	9650.2	19899.	305.		D(1)+S(3)
4	2 - 3	I*= 0.500	4794.52	7253.0	21153.5	19899.	305.		D(1)+S(3)
	(300.)	I= 2.586	4794.52	7203.9	21026.7	19899.	305.		D(1)+S(3)
			4794.52	5565.6	16790.1	19899.	305.	FAIL	D(1)+S(3)
5	3 - 4	I*= 0.500	4794.52	5459.6	7856.9	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	3199.0	5596.3	19899.	305.		D(1)+S(3)
6	4 - 5	I*= 0.500	4794.52	3055.1	8426.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.973	4794.52	3421.8	9150.2	19899.	305.		D(1)+S(3)
			4794.52	4105.0	10498.5	19899.	305.		D(1)+S(3)
7	5 - 95	I*= 0.500	4794.52	4105.1	10498.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.973	4794.52	4782.8	11836.0	19899.	305.		D(1)+S(3)
			4794.52	5814.9	13873.0	19899.	305.		D(1)+S(3)
8	95 - 6	I*= 0.500	4794.52	5634.6	8031.9	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	6607.7	9005.0	19899.	305.		D(1)+S(3)
9	6 - 96	I*= 0.500	3549.11	11476.1	13250.6	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	3549.11	10344.5	12119.0	19899.	305.		D(1)-S(3)
10	6 - 97	I*= 0.500	4794.52	6574.1	8971.4	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	7634.5	10031.7	19899.	305.		D(1)-S(3)
11	97 - 98	I*= 0.500	4794.52	7634.5	10031.8	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	8479.5	10876.8	19899.	305.		D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG	
12	98 - 7	I*= 0.500	4794.52	8479.4	10876.7	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	9934.7	12332.0	19899.	305.		D(1)-S(3)
13	7 - 8	I*= 0.500	4794.52	9882.5	12279.7	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	7593.1	9990.4	19899.	305.		D(1)-S(3)
			4794.52	9036.5	11433.8	19899.	305.		D(1)-S(3)
14	8 - 99	I*= 0.500	4794.52	8910.6	11307.9	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	12297.3	14694.6	19899.	305.		D(1)+S(3)
15	99 - 100	I*= 0.500	4794.52	12297.3	14694.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	9372.9	11770.1	19899.	305.		D(1)-S(3)
16	100 - 101	I*= 0.500	4794.52	9372.9	11770.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	9396.5	11793.8	19899.	305.		D(1)-S(3)
17	101 - 9	I*= 0.500	4794.52	9396.5	11793.8	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	9921.8	12319.1	19899.	305.		D(1)-S(3)
18	9 - 103	I*= 0.500	4417.81	22529.2	24738.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4417.81	16615.9	18824.8	19899.	305.	FAIL	D(1)-S(3)
19	9 - 102	I*= 0.500	4794.52	12378.4	14775.7	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	12924.6	15321.9	19899.	305.		D(1)-S(3)
20	102 - 10	I*= 0.500	4794.52	12924.6	15321.9	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	4794.52	13467.3	15864.6	19899.	305.		D(1)-S(3)
21	10 - 11	I*= 0.500	4794.52	13389.0	15786.3	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	9160.5	11557.8	19899.	305.		D(1)-S(3)
			4794.52	11682.7	14080.0	19899.	305.		D(1)-S(3)
22	11 - 104	I*= 0.500	4794.52	11565.8	13963.1	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	12334.8	14732.0	19899.	305.		D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG	
23	107 - 12	B1= 0.500	1493.60	5356.4	6103.2	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1493.60	6550.7	7297.5	29906.	305.		D(1)-S(3)
24	12 - 13	B1= 1.000	1493.60	6313.8	12733.5	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.780	1493.60	5603.6	11469.2	29906.	305.		D(1)+S(3)
			1493.60	3765.0	8196.0	29906.	305.		D(1)+S(3)
25	13 - 108	B1= 0.500	1493.60	3658.0	4404.8	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.000	1493.60	3495.7	4242.5	29906.	305.		D(1)+S(3)
26	108 - 109	B1= 0.500	1198.63	91983.8	92583.1	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	87027.9	87627.2	29906.	305.	FAIL	D(1)-S(3)
27	109 - 110	B1= 0.500	1198.63	87027.9	87627.2	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	85881.6	86480.9	29906.	305.	FAIL	D(1)-S(3)
28	110 - 111	B1= 0.500	1198.63	85881.6	86480.9	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	85198.6	85797.9	29906.	305.	FAIL	D(1)-S(3)
29	114 - 115	I*= 0.500	1198.63	12592.8	13192.1	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	1198.63	9103.3	9702.6	23925.	305.		D(1)+S(3)
30	115 - 116	I*= 0.500	1198.63	9103.3	9702.6	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	1198.63	4608.8	5208.1	23925.	305.		D(1)+S(3)
31	116 - 117	I*= 0.500	1198.63	4467.9	5067.2	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	1198.63	39.2	638.5	23925.	305.		D(1)-S(3)
32	116 - 118	I*= 0.500	789.00	5769.8	6164.3	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	789.00	4527.7	4922.2	23925.	305.		D(1)+S(3)
33	117 - 119	I*= 0.500	1198.63	39.2	638.5	23925.	305.		D(1)-S(3)
	(300.)	I= 1.000	1198.63	0.0	599.3	23925.	305.		D(1)-S(3)
34	118 - 120	I*= 0.500	789.00	4527.7	4922.2	23925.	305.		D(1)+S(3)
	(300.)	I= 1.000	789.00	2133.6	2528.1	23925.	305.		D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
35	108 - 122	B1= 0.500	1493.60	3597.1	4343.9	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	4138.4	4885.2	29906.	305.	D(1)+S(3)
36	122 - 123	B1= 0.500	1493.60	4138.4	4885.2	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	3501.8	4248.6	29906.	305.	D(1)+S(3)
37	123 - 124	B1= 0.500	1493.60	3501.8	4248.6	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	4935.3	5682.0	29906.	305.	D(1)+S(3)
38	124 - 125	B1= 0.500	1493.60	4935.3	5682.0	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	5662.5	6409.3	29906.	305.	D(1)+S(3)
39	128 - 129	B1= 0.500	1493.60	5929.5	6676.3	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	5914.5	6661.3	29906.	305.	D(1)+S(3)
40	129 - 14	B1= 0.500	1493.60	5914.5	6661.3	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	6238.3	6985.1	29906.	305.	D(1)-S(3)
41	14 - 130	B1= 0.500	1493.60	3964.3	4711.1	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	3793.7	4540.5	29906.	305.	D(1)+S(3)
42	14 - 131	B1= 0.500	1493.60	6006.4	6753.2	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	5368.5	6115.3	29906.	305.	D(1)+S(3)
43	131 - 15	B1= 0.500	1493.60	5368.5	6115.3	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	2349.9	3096.7	29906.	305.	D(1)+S(3)
44	15 - 16	B1= 1.000	1493.60	2317.1	5618.6	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.780	1493.60	2571.9	6072.2	29906.	305.	D(1)+S(3)
			1493.60	1997.4	5049.4	29906.	305.	D(1)+S(3)
45	16 - 132	B1= 0.500	1493.60	1949.9	2696.7	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	2710.6	3457.4	29906.	305.	D(1)-S(3)
46	132 - 17	B1= 0.500	1493.60	2710.6	3457.4	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	2404.4	3151.2	29906.	305.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
47	17 - 18	B1= 1.000	1493.60	2414.8	5792.5	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.780	1493.60	2277.8	5548.5	29906.	305.	D(1)-S(3)
			1493.60	1961.3	4985.2	29906.	305.	D(1)-S(3)
48	18 - 19	B1= 0.500	1493.60	1897.8	2644.6	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	1391.5	2138.3	29906.	305.	D(1)-S(3)
49	19 - 20	B1= 1.000	1493.60	1377.2	3945.3	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.780	1493.60	1546.9	4247.4	29906.	305.	D(1)+S(3)
			1493.60	1613.0	4365.0	29906.	305.	D(1)+S(3)
50	20 - 133	B1= 0.500	1493.60	1620.3	2367.1	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	1644.8	2391.6	29906.	305.	D(1)-S(3)
51	133 - 21	B1= 0.500	1493.60	1644.8	2391.6	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	1591.0	2337.8	29906.	305.	D(1)+S(3)
52	21 - 22	B1= 1.000	1493.60	1641.6	4416.0	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.780	1493.60	1253.5	3725.1	29906.	305.	D(1)+S(3)
			1493.60	1458.8	4090.5	29906.	305.	D(1)+S(3)
53	22 - 23	B1= 0.500	1493.60	1469.7	2216.5	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	5004.2	5751.0	29906.	305.	D(1)-S(3)
54	24 - 195	I*= 0.500	4794.52	10135.5	12532.7	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	6502.2	8899.4	19899.	305.	D(1)-S(3)
55	195 - 194	I*= 0.500	4794.52	6502.2	8899.4	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	2880.7	5277.9	19899.	305.	D(1)+S(3)
56	194 - 25	I*= 0.500	4794.52	2882.9	5280.2	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	2547.8	4945.1	19899.	305.	D(1)+S(3)
57	25 - 26	I*= 0.500	4794.52	2544.3	7418.4	19899.	305.	D(1)+S(3)
	(300.)	I= 1.973	4794.52	2586.0	7500.7	19899.	305.	D(1)+S(3)
			4794.52	2272.9	6882.8	19899.	305.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
58	26 - 27	I*= 0.500	4794.52	2281.1	4678.3	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	2178.1	4575.3	19899.	305.	D(1)+S(3)
59	27 - 28	I*= 0.500	4794.52	2160.5	6661.0	19899.	305.	D(1)-S(3)
	(300.)	I= 1.973	4794.52	2711.8	7748.9	19899.	305.	D(1)+S(3)
			4794.52	3054.3	8424.8	19899.	305.	D(1)+S(3)
60	28 - 29	I*= 0.500	4794.52	3000.9	5398.2	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	3246.3	5643.6	19899.	305.	D(1)-S(3)
61	29 - 193	I*= 0.500	3549.11	7702.8	9477.3	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	3549.11	7731.4	9505.9	19899.	305.	D(1)+S(3)
62	29 - 192	I*= 0.500	4794.52	2890.6	5287.9	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	3263.9	5661.2	19899.	305.	D(1)-S(3)
63	192 - 191	I*= 0.500	4794.52	3263.9	5661.2	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	3494.9	5892.2	19899.	305.	D(1)-S(3)
64	191 - 190	I*= 0.500	4794.52	3494.9	5892.2	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	2601.6	4998.9	19899.	305.	D(1)-S(3)
65	190 - 30	I*= 0.500	4794.52	2601.6	4998.9	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	2878.0	5275.2	19899.	305.	D(1)+S(3)
66	30 - 165	I*= 0.500	4794.52	2812.1	5209.3	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	3414.9	5812.1	19899.	305.	D(1)-S(3)
			4794.52	3948.8	6346.0	19899.	305.	D(1)-S(3)
67	165 - 164	I*= 0.500	4794.52	3948.8	6346.0	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4794.52	3907.2	6304.5	19899.	305.	D(1)-S(3)
			4794.52	4389.8	6787.1	19899.	305.	D(1)+S(3)
68	164 - 163	I*= 0.500	4794.52	4389.8	6787.1	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	4794.52	4578.7	6976.0	19899.	305.	D(1)+S(3)
			4794.52	4768.7	7165.9	19899.	305.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
69	163 - 162	I*= 0.500	4794.52	4768.7	7165.9	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	4181.9	6579.2	19899.	305.		D(1)+S(3)
			4794.52	3679.0	6076.3	19899.	305.		D(1)+S(3)
70	162 - 161	I*= 0.500	4794.52	3679.0	6076.3	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	2643.1	5040.3	19899.	305.		D(1)+S(3)
			4794.52	5990.8	8388.0	19899.	305.		D(1)+S(3)
71	161 - 160	I*= 0.500	4794.52	5990.8	8388.0	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	8071.3	10468.6	19899.	305.		D(1)+S(3)
			4794.52	10853.4	13250.6	19899.	305.		D(1)+S(3)
72	31 - 159	I*= 0.500	4794.52	11544.2	13941.5	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	11983.4	14380.6	19899.	305.		D(1)+S(3)
73	156 - 155	B1= 0.500	1493.60	5977.5	6724.3	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.000	1493.60	7462.6	8209.4	29906.	305.		D(1)+S(3)
74	155 - 32	B1= 0.500	1493.60	7462.6	8209.4	29906.	305.		D(1)+S(3)
	(300.)	B2= 1.000	1493.60	7689.5	8436.3	29906.	305.		D(1)+S(3)
75	32 - 33	B1= 1.000	1493.60	7693.4	15189.5	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.780	1493.60	7941.1	15630.4	29906.	305.		D(1)+S(3)
			1493.60	6834.5	13660.5	29906.	305.		D(1)+S(3)
76	33 - 141	B1= 0.500	1493.60	6752.5	7499.3	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1493.60	5898.7	6645.5	29906.	305.		D(1)-S(3)
77	141 - 142	B1= 0.500	1198.63	82155.1	82754.5	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	77264.0	77863.3	29906.	305.	FAIL	D(1)-S(3)
78	142 - 143	B1= 0.500	1198.63	77264.0	77863.3	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	76038.7	76638.0	29906.	305.	FAIL	D(1)-S(3)
79	143 - 144	B1= 0.500	1198.63	76038.7	76638.0	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1198.63	75427.3	76026.6	29906.	305.	FAIL	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG
80	147 - 148	I*= 0.500	1198.63	11189.0	11788.4	23925.	305:	D(1)+S(3)
	(300.)	I= 1.000	1198.63	8099.2	8698.5	23925.	305:	D(1)+S(3)
81	148 - 149	I*= 0.500	1198.63	8099.2	8698.5	23925.	305.	D(1)+S(3)
	(300.)	I= 1.000	1198.63	4119.5	4718.8	23925.	305:	D(1)+S(3)
82	149 - 150	I*= 0.500	1198.63	3972.9	4572.2	23925.	305:	D(1)+S(3)
	(300.)	I= 1.000	1198.63	32.6	631.9	23925.	305:	D(1)-S(3)
83	149 - 151	I*= 0.500	789.00	5521.5	5916.0	23925.	305:	D(1)+S(3)
	(300.)	I= 1.000	789.00	4320.8	4715.3	23925.	305:	D(1)+S(3)
84	150 - 152	I*= 0.500	1198.63	32.6	631.9	23925.	305:	D(1)-S(3)
	(300.)	I= 1.000	1198.63	0.0	599.3	23925.	305:	D(1)-S(3)
85	151 - 153	I*= 0.500	789.00	4320.8	4715.3	23925.	305:	D(1)+S(3)
	(300.)	I= 1.000	789.00	2011.1	2405.6	23925.	305:	D(1)+S(3)
86	141 - 140	B1= 0.500	1493.60	5938.5	6685.3	29906.	305:	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	4880.3	5627.1	29906.	305:	D(1)-S(3)
87	140 - 139	B1= 0.500	1493.60	4880.3	5627.1	29906.	305:	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	2974.2	3721.0	29906.	305.	D(1)+S(3)
88	139 - 34	B1= 0.500	1493.60	2974.2	3721.0	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	5617.3	6364.1	29906.	305:	D(1)+S(3)
89	34 - 35	B1= 1.000	1493.60	5603.3	11468.7	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.780	1493.60	6037.6	12241.8	29906.	305:	D(1)+S(3)
			1493.60	6126.7	12400.4	29906.	305:	D(1)+S(3)
90	35 - 138	B1= 0.500	1493.60	6131.9	6878.7	29906.	305.	D(1)+S(3)
	(300.)	B2= 1.000	1493.60	6015.5	6762.3	29906.	305.	D(1)+S(3)
91	135 - 134	B1= 0.500	1493.60	4456.8	5203.6	29906.	305.	D(1)-S(3)
	(300.)	B2= 1.000	1493.60	4716.8	5463.6	29906.	305.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP:	FAILURE FLAG	
92	134 - 130	B1= 0.500	1493.60	4716.8	5463.6	29906.	305.		D(1)-S(3)
	(300.)	B2= 1.000	1493.60	3784.1	4530.9	29906.	305:		D(1)+S(3)
93	96 - 36	I*= 0.500	3549.11	10344.6	12119.2	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	3549.11	9753.5	11528.1	19899.	305:		D(1)-S(3)
94	36 - 37	I*= 0.500	3549.11	9755.6	18351.1	19899.	305.		D(1)-S(3)
	(300.)	I= 1.699	3549.11	11083.0	20606.6	19899.	305:		D(1)+S(3)
			3549.11	12444.9	22920.7	19899.	305:	FAIL	D(1)+S(3)
95	37 - 166	I*= 0.500	3549.11	11813.2	13587.8	19899.	305:		D(1)-S(3)
	(300.)	I= 1.000	3549.11	8916.2	10690.7	19899.	305:		D(1)+S(3)
96	168 - 169	I*= 0.500	0.0	8770.7	8770.7	20559.	213.		D(1)-S(3)
	(0.)	I= 1.000	0.0	7559.5	7559.5	20559.	213:		D(1)-S(3)
97	169 - 170	I*= 0.500	0.0	7559.5	7559.5	21235.	120:		D(1)-S(3)
	(0.)	I= 1.000	0.0	4436.8	4436.8	21235.	120:		D(1)-S(3)
98	170 - 171	I*= 0.500	0.0	1785.4	1785.4	21235.	120:		D(1)-S(3)
	(0.)	I= 1.000	0.0	1249.9	1249.9	21235.	120.		D(1)-S(3)
99	171 - 172	I*= 0.500	0.0	1249.9	1249.9	21235.	120:		D(1)-S(3)
	(0.)	I= 1.000	0.0	829.3	829.3	21235.	120:		D(1)+S(3)
100	172 - 173	I*= 0.500	0.0	184.3	184.3	21235.	120:		D(1)+S(3)
	(0.)	I= 1.000	0.0	10.7	10.7	21235.	120:		D(1)+S(3)
101	173 - 174	I*= 0.500	0.0	48.0	48.0	21235.	120:		D(1)+S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120:		D(1)-S(3)
102	170 - 175	I*= 0.500	0.0	4458.6	4458.6	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	4072.2	4072.2	21235.	120.		D(1)-S(3)
103	175 - 39	I*= 0.500	0.0	4072.2	4072.2	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	3883.3	3883.3	21235.	120.		D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
104	39 - 40	I*= 0.500	0.0	3973.3	6751.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.699	0.0	3054.6	5190.3	21235.	120.	D(1)-S(3)
			0.0	3031.5	5151.0	21235.	120.	D(1)+S(3)
105	40 - 176	I*= 0.500	0.0	3044.1	3044.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	3614.7	3614.7	21235.	120.	D(1)-S(3)
106	176 - 41	I*= 0.500	0.0	3614.7	3614.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	3660.3	3660.3	21235.	120.	D(1)-S(3)
107	41 - 42	I*= 0.500	0.0	3703.3	6292.6	21235.	120.	D(1)+S(3)
	(0.)	I= 1.699	0.0	3702.5	6291.3	21235.	120.	D(1)+S(3)
			0.0	3440.5	5846.0	21235.	120.	D(1)+S(3)
108	42 - 43	I*= 0.500	0.0	3440.5	3440.5	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2931.8	2931.8	21235.	120.	D(1)+S(3)
109	43 - 44	I*= 0.500	0.0	2754.8	4681.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.699	0.0	2661.0	4521.5	21235.	120.	D(1)+S(3)
			0.0	2782.5	4727.9	21235.	120.	D(1)-S(3)
110	44 - 177	I*= 0.500	0.0	2836.8	2836.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	6430.3	6430.3	21235.	120.	D(1)-S(3)
111	177 - 178	I*= 0.500	0.0	6430.3	6430.3	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	3357.0	3357.0	21235.	120.	D(1)+S(3)
112	178 - 45	I*= 0.500	0.0	3357.0	3357.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	4799.6	4799.6	21235.	120.	D(1)+S(3)
113	45 - 46	I*= 0.500	0.0	4833.6	8213.2	21235.	120.	D(1)+S(3)
	(0.)	I= 1.699	0.0	4841.2	8226.1	21235.	120.	D(1)+S(3)
			0.0	4794.9	8147.4	21235.	120.	D(1)+S(3)
114	46 - 179	I*= 0.500	0.0	4759.0	4759.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	5380.6	5380.6	21235.	120.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
115	179 - 180	I*= 0.500	0.0	5380.6	5380.6	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	6547.8	6547.8	21235.	120.	D(1)+S(3)
116	180 - 181	I*= 0.500	0.0	6547.8	6547.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	6112.7	6112.7	21235.	120.	D(1)+S(3)
117	181 - 182	I*= 0.500	0.0	6112.8	6112.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	6454.5	6454.5	21235.	120.	D(1)-S(3)
118	182 - 183	I*= 0.500	0.0	1833.7	1833.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	2117.1	2117.1	21235.	120.	D(1)-S(3)
119	183 - 59	I*= 0.500	0.0	2117.0	2117.0	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	2477.7	2477.7	21235.	120.	D(1)-S(3)
120	59 - 184	I*= 0.500	0.0	3303.6	3303.6	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2557.6	2557.6	21235.	120.	D(1)+S(3)
121	59 - 185	I*= 0.500	0.0	2222.7	2222.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1915.7	1915.7	21235.	120.	D(1)-S(3)
122	185 - 47	I*= 0.500	0.0	1915.8	1915.8	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1519.2	1519.2	21235.	120.	D(1)-S(3)
123	47 - 48	I*= 0.500	0.0	1519.6	2969.0	21235.	120.	D(1)-S(3)
	(0.)	I= 1.954	0.0	1460.4	2853.3	21235.	120.	D(1)-S(3)
			0.0	1440.6	2814.7	21235.	120.	D(1)+S(3)
124	48 - 186	I*= 0.500	0.0	1441.7	1441.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1664.7	1664.7	21235.	120.	D(1)+S(3)
125	186 - 187	I*= 0.500	0.0	1664.7	1664.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1846.0	1846.0	21235.	120.	D(1)+S(3)
126	187 - 188	I*= 0.500	0.0	1846.1	1846.1	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2012.5	2012.5	21235.	120.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
127	188 - 49	I*= 0.500	0.0	2012.5	2012.5	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	920.8	920.8	21235.	120.	D(1)+S(3)
128	49 - 50	I*= 0.500	0.0	891.0	1740.9	21235.	120.	D(1)+S(3)
	(0.)	I= 1.954	0.0	1008.9	1971.2	21235.	120.	D(1)-S(3)
			0.0	1168.0	2282.1	21235.	120.	D(1)-S(3)
129	50 - 189	I*= 0.500	0.0	1158.5	1158.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1183.3	1183.3	21235.	120.	D(1)-S(3)
130	51 - 52	I*= 0.500	0.0	853.3	1667.1	21235.	120.	D(1)+S(3)
	(0.)	I= 1.954	0.0	905.7	1769.6	21235.	120.	D(1)-S(3)
			0.0	858.7	1677.8	21235.	120.	D(1)+S(3)
131	52 - 53	I*= 0.500	0.0	859.8	859.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	886.3	886.3	21235.	120.	D(1)+S(3)
132	184 - 58	I*= 0.500	0.0	2525.5	2525.5	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2211.6	2211.6	21235.	120.	D(1)+S(3)
133	58 - 57	I*= 0.500	0.0	2311.8	3928.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.699	0.0	1959.0	3328.6	21235.	120.	D(1)-S(3)
			0.0	2299.0	3906.4	21235.	120.	D(1)+S(3)
134	57 - 208	I*= 0.500	0.0	2414.9	2414.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	2921.2	2921.2	21235.	120.	D(1)-S(3)
135	208 - 207	I*= 0.500	0.0	2921.2	2921.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	3950.7	3950.7	21235.	120.	D(1)+S(3)
136	207 - 206	I*= 0.500	0.0	3950.7	3950.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2938.1	2938.1	21235.	120.	D(1)+S(3)
137	206 - 205	I*= 0.500	0.0	2109.7	2109.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	726.4	726.4	21235.	120.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
138	205 - 204	I*= 0.500	0.0	731.7	731.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	929.8	929.8	21235.	120.	D(1)+S(3)
139	204 - 203	I*= 0.500	0.0	929.8	929.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	404.2	404.2	21235.	120.	D(1)-S(3)
140	203 - 202	I*= 0.500	0.0	404.2	404.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	424.5	424.5	21235.	120.	D(1)-S(3)
			0.0	450.5	450.5	21235.	120.	D(1)+S(3)
141	202 - 201	I*= 0.500	0.0	450.9	450.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	884.9	884.9	21235.	120.	D(1)+S(3)
142	201 - 200	I*= 0.500	0.0	884.9	884.9	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1761.3	1761.3	21235.	120.	D(1)+S(3)
143	200 - 199	I*= 0.500	0.0	2832.5	2832.5	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2760.3	2760.3	21235.	120.	D(1)+S(3)
144	199 - 56	I*= 0.500	0.0	2760.3	2760.3	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	2888.4	2888.4	21235.	120.	D(1)-S(3)
145	56 - 55	I*= 0.500	0.0	2831.6	4811.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.699	0.0	3237.6	5501.3	21235.	120.	D(1)-S(3)
			0.0	3328.9	5656.4	21235.	120.	D(1)-S(3)
146	55 - 252	I*= 0.500	0.0	3471.4	3471.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	3988.4	3988.4	21235.	120.	D(1)-S(3)
147	196 - 193	I*= 0.500	3549.11	3976.9	5751.4	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	3549.11	7998.0	9772.5	19899.	305.	D(1)+S(3)
148	103 - 60	I*= 0.500	4417.81	16615.9	18824.8	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	4417.81	10898.0	13106.9	19899.	305.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
149	60 - 61	I*= 0.500	4417.81	10675.1	23066.1	19899.	305.		D(1)+S(3)
	(300.)	I= 1.954	4417.81	8890.8	19579.9	19899.	305.		D(1)+S(3)
			4417.81	9372.0	20520.1	19899.	305.	FAIL	D(1)-S(3)
150	61 - 209	I*= 0.500	4417.81	9489.5	11698.4	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4417.81	12697.1	14906.0	19899.	305.		D(1)+S(3)
151	212 - 213	I*= 0.500	0.0	16429.6	16429.6	20559.	213.		D(1)+S(3)
	(0.)	I= 1.000	0.0	9153.3	9153.3	20559.	213.		D(1)-S(3)
152	213 - 62	I*= 0.500	0.0	9153.3	9153.3	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	8583.7	8583.7	21235.	120.		D(1)+S(3)
153	62 - 63	I*= 0.500	0.0	8638.5	16878.2	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	8093.7	15813.6	21235.	120.		D(1)+S(3)
			0.0	8241.6	16102.6	21235.	120.		D(1)+S(3)
154	63 - 64	I*= 0.500	0.0	8199.7	8199.7	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	9627.9	9627.9	21235.	120.		D(1)+S(3)
155	64 - 65	I*= 0.500	0.0	9627.9	18811.1	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	8710.9	17019.5	21235.	120.		D(1)+S(3)
			0.0	6761.3	13210.4	21235.	120.		D(1)-S(3)
156	65 - 66	I*= 0.500	0.0	6748.2	6748.2	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	5643.6	5643.6	21235.	120.		D(1)+S(3)
157	66 - 67	I*= 0.500	0.0	5846.8	11423.7	21235.	120.		D(1)+S(3)
	(0.)	I= 1.954	0.0	7969.8	15571.6	21235.	120.		D(1)+S(3)
			0.0	9454.3	18472.0	21235.	120.		D(1)+S(3)
158	67 - 214	I*= 0.500	0.0	9395.6	9395.6	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	9632.4	9632.4	21235.	120.		D(1)-S(3)
159	214 - 68	I*= 0.500	0.0	9632.4	9632.4	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	6965.3	6965.3	21235.	120.		D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	0.0	7014.5	13705.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.954	0.0	6868.3	13419.5	21235.	120.	D(1)-S(3)
			0.0	6697.9	13086.6	21235.	120.	D(1)-S(3)
161	69 - 215	I*= 0.500	0.0	6621.2	6621.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	6667.1	6667.1	21235.	120.	D(1)-S(3)
162	215 - 70	I*= 0.500	0.0	6667.1	6667.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	7315.1	7315.1	21235.	120.	D(1)-S(3)
163	70 - 216	I*= 0.500	0.0	5911.7	5911.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	5948.9	5948.9	21235.	120.	D(1)-S(3)
164	70 - 217	I*= 0.500	0.0	5278.0	5278.0	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	4482.2	4482.2	21235.	120.	D(1)-S(3)
165	217 - 71	I*= 0.500	0.0	4326.6	9288.4	21235.	120.	D(1)-S(3)
	(0.)	I= 2.147	0.0	3953.4	8487.0	21235.	120.	D(1)-S(3)
			0.0	3835.0	8233.0	21235.	120.	D(1)-S(3)
166	71 - 72	I*= 0.500	0.0	3835.0	8233.0	21235.	120.	D(1)-S(3)
	(0.)	I= 2.147	0.0	4000.0	8587.2	21235.	120.	D(1)-S(3)
			0.0	4390.8	9426.1	21235.	120.	D(1)+S(3)
167	72 - 218	I*= 0.500	0.0	4551.2	4551.2	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	4871.1	4871.1	21235.	120.	D(1)+S(3)
168	218 - 219	I*= 0.500	0.0	4871.1	4871.1	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	6294.4	6294.4	21235.	120.	D(1)+S(3)
169	222 - 223	I*= 0.500	0.0	6392.3	6392.3	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	5600.8	5600.8	21235.	120.	D(1)+S(3)
170	226 - 73	I*= 0.500	0.0	5487.2	5487.2	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	5047.0	5047.0	21235.	120.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
171	73 - 74	I*= 0.500	0.0	5006.5	10747.9	21235.	120.		D(1)-S(3)
	(0.)	I= 2.147	0.0	2945.1	6322.5	21235.	120.		D(1)+S(3)
			0.0	828.0	1777.6	21235.	120.		D(1)+S(3)
172	74 - 227	I*= 0.500	0.0	828.0	828.0	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	6869.9	6869.9	21235.	120.		D(1)+S(3)
173	227 - 75	I*= 0.500	0.0	6869.9	6869.9	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	22921.3	22921.3	21235.	120.	FAIL	D(1)-S(3)
174	216 - 228	I*= 0.500	0.0	5948.9	5948.9	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	6594.9	6594.9	21235.	120.		D(1)-S(3)
175	228 - 76	I*= 0.500	0.0	6594.9	6594.9	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	5639.6	5639.6	21235.	120.		D(1)-S(3)
176	76 - 77	I*= 0.500	0.0	5425.8	5425.8	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	3162.2	3162.2	21235.	120.		D(1)+S(3)
177	77 - 78	I*= 0.500	0.0	3162.2	6788.7	21235.	120.		D(1)+S(3)
	(0.)	I= 2.147	0.0	2694.5	5784.6	21235.	120.		D(1)+S(3)
			0.0	2292.2	4921.0	21235.	120.		D(1)-S(3)
178	78 - 231	I*= 0.500	0.0	2384.7	2384.7	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	2338.5	2338.5	21235.	120.		D(1)-S(3)
179	231 - 232	I*= 0.500	0.0	2338.5	2338.5	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1269.3	1269.3	21235.	120.		D(1)+S(3)
180	235 - 79	I*= 0.500	0.0	1207.5	1207.5	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	1176.8	1176.8	21235.	120.		D(1)+S(3)
181	79 - 80	I*= 0.500	0.0	1133.1	2432.6	21235.	120.		D(1)-S(3)
	(0.)	I= 2.147	0.0	1029.4	2209.9	21235.	120.		D(1)-S(3)
			0.0	1683.4	3613.9	21235.	120.		D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
182	80 - 81	I*= 0.500	0.0	1702.7	1702.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	2906.4	2906.4	21235.	120.	D(1)-S(3)
183	76 - 229	I*= 0.500	0.0	5570.4	5570.4	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	5227.6	5227.6	21235.	120.	D(1)+S(3)
184	229 - 230	I*= 0.500	0.0	5227.6	5227.6	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	5014.2	5014.2	21235.	120.	D(1)+S(3)
185	230 - 236	I*= 0.500	0.0	5014.2	5014.2	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1077.6	1077.6	21235.	120.	D(1)-S(3)
186	236 - 237	I*= 0.500	0.0	1077.6	1077.6	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1063.5	1063.5	21235.	120.	D(1)-S(3)
187	240 - 82	I*= 0.500	0.0	982.1	982.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	968.4	968.4	21235.	120.	D(1)-S(3)
188	82 - 83	I*= 0.500	0.0	912.2	1335.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.464	0.0	832.3	1218.7	21235.	120.	D(1)+S(3)
			0.0	763.7	1118.3	21235.	120.	D(1)+S(3)
189	83 - 84	I*= 0.500	0.0	763.8	763.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	684.4	684.4	21235.	120.	D(1)+S(3)
190	84 - 85	I*= 0.500	0.0	680.0	995.8	21235.	120.	D(1)+S(3)
	(0.)	I= 1.464	0.0	634.4	928.9	21235.	120.	D(1)+S(3)
			0.0	564.5	826.6	21235.	120.	D(1)-S(3)
191	85 - 241	I*= 0.500	0.0	574.5	574.5	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	636.7	636.7	21235.	120.	D(1)+S(3)
192	241 - 86	I*= 0.500	0.0	636.7	636.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	738.5	738.5	21235.	120.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
193	86 - 242	I*= 0.500	0.0	441.1	441.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	439.0	439.0	21235.	120.	D(1)-S(3)
194	86 - 243	I*= 0.500	0.0	449.2	449.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	418.2	418.2	21235.	120.	D(1)-S(3)
195	242 - 87	I*= 0.500	0.0	438.4	641.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.464	0.0	419.2	613.8	21235.	120.	D(1)-S(3)
			0.0	379.2	555.2	21235.	120.	D(1)-S(3)
196	87 - 88	I*= 0.500	0.0	379.2	555.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.464	0.0	333.9	488.9	21235.	120.	D(1)-S(3)
			0.0	291.3	426.5	21235.	120.	D(1)-S(3)
197	88 - 244	I*= 0.500	0.0	291.2	291.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	289.6	289.6	21235.	120.	D(1)-S(3)
198	247 - 89	I*= 0.500	0.0	808.3	808.3	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	1011.9	1011.9	21235.	120.	D(1)-S(3)
199	243 - 90	I*= 0.500	0.0	414.0	606.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.464	0.0	402.1	588.8	21235.	120.	D(1)-S(3)
			0.0	374.8	548.9	21235.	120.	D(1)-S(3)
200	90 - 91	I*= 0.500	0.0	374.8	548.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.464	0.0	337.0	493.5	21235.	120.	D(1)-S(3)
			0.0	292.0	427.5	21235.	120.	D(1)-S(3)
201	91 - 248	I*= 0.500	0.0	291.1	291.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	285.8	285.8	21235.	120.	D(1)-S(3)
202	251 - 92	I*= 0.500	0.0	722.4	722.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	902.5	902.5	21235.	120.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
203	160 - 31	I*= 0.500	4794.52	10853.4	13250.6	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	4794.52	11150.6	13547.8	19899.	305.		D(1)+S(3)
			4794.52	11470.1	13867.4	19899.	305.		D(1)+S(3)
204	189 - 51	I*= 0.500	0.0	1184.4	1184.4	21235.	120.		D(1)-S(3)
	(0.)	I= 1.000	0.0	1116.5	1116.5	21235.	120.		D(1)-S(3)
205	200 - 206	I*= 0.500	0.0	2768.4	2768.4	21235.	120.		D(1)+S(3)
	(0.)	I= 1.000	0.0	2862.1	2862.1	21235.	120.		D(1)+S(3)
206	104 - 105	B1= 0.500	0.0	3201.7	3201.7	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	3834.2	3834.2	29906.	305.		D(1)+S(3)
207	105 - 106	B1= 0.500	0.0	3793.2	3793.2	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.		D(1)+S(3)
208	105 - 107	B1= 0.500	0.0	4023.0	4023.0	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	3614.7	3614.7	29906.	305.		D(1)-S(3)
209	111 - 112	B1= 0.500	0.0	49663.3	49663.3	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	50156.1	50156.1	29906.	305.	FAIL	D(1)-S(3)
210	112 - 113	B1= 0.500	0.0	52686.3	52686.3	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL	D(1)+S(3)
211	112 - 114	B1= 0.500	0.0	11981.1	11981.1	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	7340.5	7340.5	29906.	305.		D(1)+S(3)
212	125 - 126	B1= 0.500	0.0	3821.3	3821.3	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	4847.3	4847.3	29906.	305.		D(1)+S(3)
213	126 - 127	B1= 0.500	0.0	2788.5	2788.5	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.		D(1)+S(3)
214	126 - 128	B1= 0.500	0.0	4519.6	4519.6	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	4001.5	4001.5	29906.	305.		D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
215	135 - 136	B1= 0.500	0.0	3002.1	3002.1	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	4316.4	4316.4	29906.	305.		D(1)+S(3)
216	136 - 137	B1= 0.500	0.0	3364.5	3364.5	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.		D(1)-S(3)
217	136 - 138	B1= 0.500	0.0	3837.1	3837.1	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	4057.7	4057.7	29906.	305.		D(1)+S(3)
218	144 - 145	B1= 0.500	0.0	43967.5	43967.5	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	44349.1	44349.1	29906.	305.	FAIL	D(1)-S(3)
219	145 - 146	B1= 0.500	0.0	48450.0	48450.0	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL	D(1)+S(3)
220	145 - 147	B1= 0.500	0.0	10631.0	10631.0	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	6522.2	6522.2	29906.	305.		D(1)+S(3)
221	153 - 154	I*= 0.500	0.0	661.7	661.7	23925.	305.		D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	23925.	305.		D(1)-S(3)
222	156 - 157	B1= 0.500	0.0	4007.9	4007.9	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	4997.3	4997.3	29906.	305.		D(1)+S(3)
223	157 - 158	B1= 0.500	0.0	4339.4	4339.4	29906.	305.		D(1)-S(3)
	(0.)	B2= 1.000	0.0	0.0	0.0	29906.	305.		D(1)-S(3)
224	157 - 159	B1= 0.500	0.0	3758.6	3758.6	29906.	305.		D(1)+S(3)
	(0.)	B2= 1.000	0.0	3054.8	3054.8	29906.	305.		D(1)-S(3)
225	166 - 38	I*= 0.500	1421.70	1963.4	2674.2	19899.	305.		D(1)+S(3)
	(300.)	I= 1.000	1421.70	2213.1	2923.9	19899.	305.		D(1)+S(3)
226	38 - 167	I*= 0.500	1421.70	394.7	1105.5	19899.	305.		D(1)-S(3)
	(300.)	I= 1.000	1421.70	0.0	710.9	19899.	305.		D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
227	38 - 168	I*= 0.500	1421.70	2122.8	2833.6	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1421.70	1931.3	2642.2	19899.	305.	D(1)-S(3)
228	198 - 54	I*= 0.500	1421.70	816.1	1527.0	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1421.70	931.8	1642.6	19899.	305.	D(1)-S(3)
229	54 - 197	I*= 0.500	1421.70	325.5	1036.3	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1421.70	0.0	710.9	19899.	305.	D(1)+S(3)
230	54 - 196	I*= 0.500	1421.70	1015.4	1726.3	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1421.70	875.7	1586.6	19899.	305.	D(1)-S(3)
231	209 - 210	I*= 0.500	1459.92	3101.9	3831.9	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	1459.92	3630.4	4360.4	19899.	305.	D(1)+S(3)
232	210 - 211	I*= 0.500	1459.92	3137.7	3867.6	19899.	305.	D(1)-S(3)
	(300.)	I= 1.000	1459.92	0.0	730.0	19899.	305.	D(1)-S(3)
233	210 - 212	I*= 0.500	1459.92	4513.0	5243.0	19899.	305.	D(1)+S(3)
	(300.)	I= 1.000	1459.92	4013.9	4743.9	19899.	305.	D(1)+S(3)
234	219 - 220	I*= 0.500	0.0	1734.1	1734.1	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1739.5	1739.5	21235.	120.	D(1)+S(3)
235	220 - 221	I*= 0.500	0.0	83.1	83.1	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)+S(3)
236	220 - 222	I*= 0.500	0.0	1784.0	1784.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1761.1	1761.1	21235.	120.	D(1)+S(3)
237	223 - 224	I*= 0.500	0.0	1543.0	1543.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1510.8	1510.8	21235.	120.	D(1)+S(3)
238	224 - 225	I*= 0.500	0.0	97.8	97.8	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)+S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
239	224 - 226	I*= 0.500	0.0	1573.0	1573.0	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	1511.7	1511.7	21235.	120.	D(1)+S(3)
240	232 - 233	I*= 0.500	0.0	349.7	349.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	347.4	347.4	21235.	120.	D(1)+S(3)
241	233 - 234	I*= 0.500	0.0	18.9	18.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)+S(3)
242	233 - 235	I*= 0.500	0.0	336.7	336.7	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	332.7	332.7	21235.	120.	D(1)+S(3)
243	244 - 245	I*= 0.500	0.0	77.0	77.0	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	79.2	79.2	21235.	120.	D(1)-S(3)
244	245 - 246	I*= 0.500	0.0	0.2	0.2	21235.	120.	D(1)+S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)+S(3)
245	245 - 247	I*= 0.500	0.0	79.4	79.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	214.9	214.9	21235.	120.	D(1)-S(3)
246	248 - 249	I*= 0.500	0.0	76.0	76.0	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	76.3	76.3	21235.	120.	D(1)-S(3)
247	249 - 250	I*= 0.500	0.0	0.2	0.2	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)-S(3)
248	249 - 251	I*= 0.500	0.0	76.4	76.4	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	192.0	192.0	21235.	120.	D(1)-S(3)
249	237 - 238	I*= 0.500	0.0	282.7	282.7	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	266.1	266.1	21235.	120.	D(1)+S(3)
250	238 - 239	I*= 0.500	0.0	109.9	109.9	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	0.0	0.0	21235.	120.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

ELEMENT	NI - NJ (PRESS)	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
251	238 - 240	I*= 0.500	0.0	283.8	283.8	21235.	120.	D(1)-S(3)
	(0.)	I= 1.000	0.0	261.1	261.1	21235.	120.	D(1)-S(3)
252	120 - 121	I*= 0.500	712.50	679.3	1035.5	23925.	305.	D(1)-S(3)
	(300.)	I= 1.000	712.50	0.0	356.2	23925.	305.	D(1)+S(3)
253	252 - 198	I*= 0.500	0.0	3988.4	3988.4	20559.	213.	D(1)-S(3)
	(0.)	I= 1.000	0.0	3706.2	3706.2	20559.	213.	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

**** WEIGHT,PRESS(NORMAL COND 1B) & SEISMIC(1/2 SSE X,Y,Z BLDG ONLY*ID#7,8,9) ****

COMP. NO.	COMPONENT TYPE								FAILURE FLAG
		NODE=	182	B1=	1.000	D1=	6.625		
		NA=	0	B2=	1.000	D2=	10.750		
15	CON. REDUCER	NB=	0	C1=	1.000	T1=	0.280		
	PER B16.9	NC=	0	C2=	1.000	T2=	0.365		
		INDEXO=	3	I=	1.000	PRESS=	0.0		

PRESSURE STRESS	MOMENT STRESS(*)	CALCULATED STRESS	ALLOWABLE STRESS	
0.0	6193.76	6193.76	20559.13	D(1)-S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122	
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3549.1	9112.6	16004.2	19899.0	D(1)-S(3)
RUN	4794.5	6550.6	12626.2	19899.0	D(1)-S(3)

MAX. RUN LOAD	(R-1)	M1=-136676.7	M2=-270798.4	M3= 282437.8
	(R-2)	M1=-110323.6	M2=-200560.7	M3= 292542.8
	(BR)	M1= -25603.5	M2= -74546.2	M3= 17211.7
MAX. BR. LOAD	(R-1)	M1=-136676.7	M2=-270798.4	M3= 282437.8
	(R-2)	M1=-110323.6	M2=-200560.7	M3= 292542.8
	(BR)	M1= -25603.5	M2= -74546.2	M3= 17211.7

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 9	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122	
2	BUTT WELD TEE	NB= 102	TR= 0.438	C1R= 1.500	C1B= 1.500	FAIL
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162	
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	4417.8	21595.9	35931.6	19899.0	D(1)+S(3)
RUN	4794.5	12145.3	21362.5	19899.0	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -2002.4	M2= 487557.6	M3= 270466.5
	(R-2)	M1= 91389.5	M2= 480906.0	M3= 592370.0
	(BR)	M1=-161005.6	M2= 509670.7	M3= 400136.0
MAX. BR. LOAD	(R-1)	M1= -2002.4	M2= 487557.6	M3= 270466.5
	(R-2)	M1= 91389.5	M2= 480906.0	M3= 592370.0
	(BR)	M1=-161005.6	M2= 509670.7	M3= 400136.0

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 14	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 130	DB= 14.000	B2R= 1.500	B2B= 1.500	
3	BUTT WELD TEE	NB= 131	TR= 1.406	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 129	TB= 1.406	C2R= 2.000	C2B= 2.000	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	1493.6	5751.8	10121.3	29906.2	D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2	D(1)-S(3)
TOTAL			10121.3	29906.2	

MAX. RUN LOAD	(R-1)	M1= 191516.7	M2=-478892.6	M3= 274876.5
	(R-2)	M1= 451596.1	M2= -40305.5	M3= 854499.8
	(BR)	M1= 451521.3	M2=-437750.1	M3= 695548.4
MAX. BR. LOAD	(R-1)	M1= -73905.5	M2= 504700.3	M3=-269315.6
	(R-2)	M1=-420913.0	M2= 69175.1	M3=-842621.6
	(BR)	M1=-599815.6	M2= 383072.9	M3=-712987.5

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 29	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 28	DB= 6.625	B2R= 3.122	B2B= 3.122	
4	BUTT WELD TEE	NB= 192	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 193	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 3	PRESS= 300.0	IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	3549.1	7234.9	13072.0	19899.0	D(1)+S(3)
RUN	4794.5	3148.1	7313.0	19899.0	D(1)-S(3)

MAX. RUN LOAD	(R-1)	M1= -39433.3	M2=-164802.5	M3=-104686.8
	(R-2)	M1= -35221.1	M2=-168103.4	M3= -33836.2
	(BR)	M1= -14709.9	M2= -44668.0	M3= -41963.1
MAX. BR. LOAD	(R-1)	M1= 52637.0	M2= 169635.6	M3= 72652.6
	(R-2)	M1= 31140.8	M2= 163034.1	M3= 62498.5
	(BR)	M1= 5586.4	M2= 44904.1	M3= 45335.0

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	

INDEXO= 3 PRESS= 0.0 IR= 1.476 IB= 1.476

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	3054.0	4507.4	21234.8	D(1)-S(3)
RUN	0.0	2355.3	3476.2	21234.8	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -17163.5	M2= 18731.7	M3= -68242.8
	(R-2)	M1= -25731.8	M2= 11230.7	M3= -25516.2
	(BR)	M1= -13842.9	M2= 22191.1	M3= -3520.7
MAX. BR. LOAD	(R-1)	M1= 21264.2	M2= -18417.3	M3= 28931.5
	(R-2)	M1= 23614.3	M2= -11159.6	M3= 59365.0
	(BR)	M1= 11859.7	M2= -22576.7	M3= 8983.3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	
6	BUTT WELD TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	

INDEXO= 3 PRESS= 0.0 IR= 1.629 IB= 1.629

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	7011.7	11423.9	21234.8	D(1)-S(3)
RUN	0.0	5696.1	9280.5	21234.8	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1=-148015.1	M2= 103336.4	M3= 144561.1
	(R-2)	M1=-148311.9	M2= 31303.5	M3= 207434.8
	(BR)	M1= -42909.5	M2= 109643.1	M3= 152559.0
MAX. BR. LOAD	(R-1)	M1= 126983.8	M2= -42542.0	M3=-142583.7
	(R-2)	M1= 129380.5	M2= -85620.2	M3=-198750.1
	(BR)	M1= 82872.1	M2=-116120.9	M3=-163221.1

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                              S T R E S S   A N A L Y S I S

      K = 1.200       INDEX= 3       PRESSURE=   -1.       LOADS=    1    3

COMP. NO.      COMP. TYPE          N=  86      DR=  4.500     B1R= 1.000    B1B= 1.000     FAILURE FLAG
                                  NA= 242      DB=  4.500     B2R= 2.173    B2B= 2.173
    7        BUTT WELD TEE        NB= 243      TR=  0.237     C1R= 1.500    C1B= 1.500
             PER B16.9            NC= 241      TB=  0.237     C2R= 2.898    C2B= 2.898
                             INDEXO=   3  PRESS=    0.0      IR= 1.087     IB= 1.087
                PRESSURE          MOMENT          CALCULATED          ALLOWABLE
                 STRESS(*)        STRESS            STRESS              STRESS

      BRANCH        0.0           685.9            745.7             21234.8                                D(1)+S(3)
        RUN         0.0           419.1            455.7             21234.8                                D(1)+S(3)


      MAX. RUN LOAD          (R-1)      M1=  -1408.5      M2=     161.3      M3=      17.8
                             (R-2)      M1=   -787.0      M2=     597.3      M3=    -383.1
                             (BR )      M1=   -429.4      M2=     336.5      M3=   -2255.1

      MAX. BR. LOAD          (R-1)      M1=  -1408.5      M2=     161.3      M3=      17.8
                             (R-2)      M1=   -787.0      M2=     597.3      M3=    -383.1
                             (BR )      M1=   -429.4      M2=     336.5      M3=   -2255.1

COMP. NO.      COMP. TYPE          N= 108      DR= 14.000     B1R= 1.000    B1B= 1.000     FAILURE FLAG
                                  NA=  13      DB=  3.500     B2R= 1.000    B2B= 1.125
    8        BRANCH CONNECT.      NB= 122      TR=  1.406     C1R= 2.000    C1B= 2.000         FAIL
             PER NB-3643          NC= 109      TB=  0.438     C2R= 1.000    C2B= 1.500
                             INDEXO=   1  PRESS=  300.0      IR= 1.000     IB= 1.000
                PRESSURE          MOMENT          CALCULATED          ALLOWABLE
                 STRESS(*)        STRESS            STRESS              STRESS

      BRANCH     1198.6         83296.9          94907.6             29906.2                                D(1)+S(3)
        RUN      1493.6             0.0           1493.6             29906.2                                D(1)-S(3)
      TOTAL                                      95202.6             29906.2                 FAIL

      MAX. RUN LOAD          (R-1)      M1= 175878.7      M2= 411285.8      M3= 310376.0
                             (R-2)      M1=  94834.0      M2= 414253.3      M3= 359979.6
                             (BR )      M1= 237068.3      M2=  20213.9      M3= 101512.8

      MAX. BR. LOAD          (R-1)      M1= -81939.9      M2=-417209.2      M3=-332984.4
                             (R-2)      M1=-177793.7      M2=-409946.8      M3=-337371.2
                             (BR )      M1=-248047.4      M2= -18596.9      M3=-101512.8
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S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	1198.6	74113.2	84576.0	29906.2		D(1)+S(3)
RUN	1493.6	0.0	1493.6	29906.2		D(1)-S(3)
TOTAL			84871.0	29906.2	FAIL	

MAX. RUN LOAD	(R-1)	M1= 239003.0	M2= 12463.6	M3= 900813.4
	(R-2)	M1= 246254.2	M2= 70453.1	M3= 918780.5
	(BR)	M1= 158958.9	M2=-138657.0	M3= 98150.6
MAX. BR. LOAD	(R-1)	M1=-236203.4	M2= -83359.1	M3=-913492.2
	(R-2)	M1=-240551.0	M2= -410.6	M3=-906101.7
	(BR)	M1=-167461.8	M2= 139510.0	M3= -98150.6

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 3	PRESS= 300.0	IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	4882.3	5276.8	23925.0	D(1)+S(3)
RUN	1198.6	4021.8	4621.1	23925.0	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -8075.7	M2= -10044.9	M3= -1464.4
	(R-2)	M1= -7557.6	M2= -9962.7	M3= 582.0
	(BR)	M1= -541.1	M2= -915.8	M3= -225.1
MAX. BR. LOAD	(R-1)	M1= -8075.7	M2= -10044.9	M3= -1464.4
	(R-2)	M1= -7557.6	M2= -9962.7	M3= 582.0
	(BR)	M1= -541.1	M2= -915.8	M3= -225.1

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= -1. LOADS= 1 3

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 149	DR= 3.500	B1R= 1.000	B1B= 1.000		
		NA= 148	DB= 1.315	B2R= 1.000	B2B= 1.412		
11	BRANCH CONNECT.	NB= 150	TR= 0.438	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 151	TB= 0.250	C2R= 1.000	C2B= 1.882		
		INDEXO= 3	PRESS= 300.0	IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	789.0	4797.0	5191.5	23925.0	D(1)+S(3)
RUN	1198.6	3650.7	4250.0	23925.0	D(1)+S(3)

MAX. RUN LOAD	(R-1)	M1= -4840.4	M2= -8375.9	M3= -6712.6
	(R-2)	M1= -5075.4	M2= -8331.2	M3= -4413.5
	(BR)	M1= -460.4	M2= -600.8	M3= -753.8
MAX. BR. LOAD	(R-1)	M1= -4840.4	M2= -8375.9	M3= -6712.6
	(R-2)	M1= -5075.4	M2= -8331.2	M3= -4413.5
	(BR)	M1= -460.4	M2= -600.8	M3= -753.8

COMP. NO.	COMP. TYPE						FAILURE FLAG
		N= 170	DR= 6.625	B1R= 1.000	B1B= 1.000		
		NA= 169	DB= 1.315	B2R= 1.000	B2B= 2.090		
12	BRANCH CONNECT.	NB= 175	TR= 0.280	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 171	TB= 0.133	C2R= 1.000	C2B= 2.787		
		INDEXO= 3	PRESS= 0.0	IR= 1.045	IB= 1.045		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	1625.1	1698.4	21234.8	D(1)+S(3)
RUN	0.0	4213.9	4404.1	21234.8	D(1)-S(3)

MAX. RUN LOAD	(R-1)	M1= 5842.9	M2= 11718.2	M3= -33349.5
	(R-2)	M1= 14176.2	M2= 12378.9	M3= -32212.8
	(BR)	M1= -18.0	M2= 220.7	M3= -84.9
MAX. BR. LOAD	(R-1)	M1= -14171.5	M2= -12378.9	M3= 32003.0
	(R-2)	M1= -5847.5	M2= -11718.2	M3= 33559.4
	(BR)	M1= 18.0	M2= -220.7	M3= 84.9

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                              S T R E S S   A N A L Y S I S

      K = 1.200       INDEX= 3       PRESSURE=    -1.       LOADS=    1    3

COMP. NO.      COMP. TYPE          N= 200      DR=  6.625     B1R= 1.000    B1B= 1.000     FAILURE FLAG
                                  NA= 199      DB=  1.315     B2R= 1.000    B2B= 2.090
  13         BRANCH CONNECT.      NB= 206      TR=  0.280     C1R= 2.000    C1B= 2.000
             PER NB-3643          NC= 201      TB=  0.133     C2R= 1.000    C2B= 2.787
                              INDEXO=   3  PRESS=     0.0     IR= 1.045     IB= 1.045
                PRESSURE          MOMENT          CALCULATED            ALLOWABLE
                 STRESS(*)        STRESS            STRESS                STRESS

     BRANCH          0.0          1590.0            1661.8               21234.8                                D(1)+S(3)
        RUN          0.0          2642.1            2761.3               21234.8                                D(1)-S(3)

       MAX. RUN LOAD        (R-1)      M1=    8181.9      M2=   14133.8      M3= -16746.4
                            (R-2)      M1=   11561.1      M2=   13442.0      M3=  -8952.0
                            (BR )      M1=      52.7      M2=     162.7      M3=    -44.7

       MAX. BR. LOAD        (R-1)      M1= -11538.2       M2= -13446.4       M3=   9056.0
                            (R-2)      M1=  -8215.7       M2= -14122.1       M3=  16534.7
                            (BR )      M1=    -41.9       M2=    -170.0      M3=    152.3

COMP. NO.      COMP. TYPE          N=  76      DR= 12.750     B1R= 1.000    B1B= 1.000     FAILURE FLAG
                                  NA= 228      DB=  4.500     B2R= 1.340    B2B= 3.949
  14         BRANCH CONNECT.      NB=  77      TR=  0.375     C1R= 2.000    C1B= 2.000
             PER NB-3643          NC= 229      TB=  0.237     C2R= 1.786    C2B= 5.265
                              INDEXO=   3  PRESS=     0.0     IR= 1.974     IB= 1.974
                PRESSURE          MOMENT          CALCULATED            ALLOWABLE
                 STRESS(*)        STRESS            STRESS                STRESS

     BRANCH          0.0          5015.0            9902.0               21234.8                                D(1)-S(3)
        RUN          0.0          5434.6           10730.5               21234.8                                D(1)+S(3)

       MAX. RUN LOAD        (R-1)      M1=-129380.5       M2=-113517.1       M3= 174523.7
                            (R-2)      M1=-130882.5       M2=-117610.3       M3=  24764.8
                            (BR )      M1=  -2614.6       M2=   -2158.0      M3=  16376.4

       MAX. BR. LOAD        (R-1)      M1= 148311.9       M2= 117752.9       M3= -26634.7
                            (R-2)      M1= 114133.1       M2= 113207.0       M3=-172231.5
                            (BR )      M1=    432.7       M2=   2325.4       M3= -16798.8
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S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
1	1 - 93	I*= 0.500	0.0	8880.1	8880.1	19899.	305.	S(3)
		I= 1.000	0.0	6584.1	6584.1	19899.	305.	S(3)
2	93 - 94	I*= 0.500	0.0	6584.1	6584.1	19899.	305.	S(3)
		I= 1.000	0.0	5737.6	5737.6	19899.	305.	S(3)
3	94 - 2	I*= 0.500	0.0	5737.6	5737.6	19899.	305.	S(3)
		I= 1.000	0.0	7003.9	7003.9	19899.	305.	S(3)
4	2 - 3	I*= 0.500	0.0	7003.9	18112.1	19899.	305.	S(3)
		I= 2.586	0.0	6981.5	18054.2	19899.	305.	S(3)
			0.0	5381.4	13916.4	19899.	305.	S(3)
5	3 - 4	I*= 0.500	0.0	5349.1	5349.1	19899.	305.	S(3)
		I= 1.000	0.0	3142.5	3142.5	19899.	305.	S(3)
6	4 - 5	I*= 0.500	0.0	2917.7	5758.0	19899.	305.	S(3)
		I= 1.973	0.0	3241.4	6396.8	19899.	305.	S(3)
			0.0	3856.8	7611.3	19899.	305.	S(3)
7	5 - 95	I*= 0.500	0.0	3856.8	7611.5	19899.	305.	S(3)
		I= 1.973	0.0	4509.1	8898.7	19899.	305.	S(3)
			0.0	5531.1	10915.6	19899.	305.	S(3)
8	95 - 6	I*= 0.500	0.0	5531.1	5531.1	19899.	305.	S(3)
		I= 1.000	0.0	6579.0	6579.0	19899.	305.	S(3)
9	6 - 96	I*= 0.500	0.0	9093.1	9093.1	19899.	305.	S(3)
		I= 1.000	0.0	9195.8	9195.8	19899.	305.	S(3)
10	6 - 97	I*= 0.500	0.0	6334.6	6334.6	19899.	305.	S(3)
		I= 1.000	0.0	7252.2	7252.2	19899.	305.	S(3)
11	97 - 98	I*= 0.500	0.0	7252.3	7252.3	19899.	305.	S(3)
		I= 1.000	0.0	7972.0	7972.0	19899.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
12	98 - 7	I*= 0.500	0.0	7971.9	7971.9	19899.	305.	S(3)
		I= 1.000	0.0	9793.7	9793.7	19899.	305.	S(3)
13	7 - 8	I*= 0.500	0.0	9793.7	9793.7	19899.	305.	S(3)
		I= 1.000	0.0	7333.8	7333.8	19899.	305.	S(3)
			0.0	8510.7	8510.7	19899.	305.	S(3)
14	8 - 99	I*= 0.500	0.0	8510.7	8510.7	19899.	305.	S(3)
		I= 1.000	0.0	12155.3	12155.3	19899.	305.	S(3)
15	99 - 100	I*= 0.500	0.0	12155.3	12155.3	19899.	305.	S(3)
		I= 1.000	0.0	9285.0	9285.0	19899.	305.	S(3)
16	100 - 101	I*= 0.500	0.0	9285.0	9285.0	19899.	305.	S(3)
		I= 1.000	0.0	9063.7	9063.7	19899.	305.	S(3)
17	101 - 9	I*= 0.500	0.0	9063.7	9063.7	19899.	305.	S(3)
		I= 1.000	0.0	9507.3	9507.3	19899.	305.	S(3)
18	9 - 103	I*= 0.500	0.0	22153.3	22153.3	19899.	305.	S(3)
		I= 1.000	0.0	16248.8	16248.8	19899.	305.	FAIL S(3)
19	9 - 102	I*= 0.500	0.0	11969.0	11969.0	19899.	305.	S(3)
		I= 1.000	0.0	12100.3	12100.3	19899.	305.	S(3)
20	102 - 10	I*= 0.500	0.0	12100.3	12100.3	19899.	305.	S(3)
		I= 1.000	0.0	12316.3	12316.3	19899.	305.	S(3)
21	10 - 11	I*= 0.500	0.0	12316.3	12316.3	19899.	305.	S(3)
		I= 1.000	0.0	8897.7	8897.7	19899.	305.	S(3)
			0.0	10402.3	10402.3	19899.	305.	S(3)
22	11 - 104	I*= 0.500	0.0	10402.3	10402.3	19899.	305.	S(3)
		I= 1.000	0.0	11115.6	11115.6	19899.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
23	107 - 12	B1= 0.500	0.0	5237.5	5237.5	29906.	305.	S(3)
		B2= 1.000	0.0	6201.6	6201.6	29906.	305.	S(3)
24	12 - 13	B1= 1.000	0.0	6201.6	11040.2	29906.	305.	S(3)
		B2= 1.780	0.0	5280.5	9400.4	29906.	305.	S(3)
			0.0	3592.2	6394.8	29906.	305.	S(3)
25	13 - 108	B1= 0.500	0.0	3592.2	3592.2	29906.	305.	S(3)
		B2= 1.000	0.0	3385.7	3385.7	29906.	305.	S(3)
26	108 - 109	B1= 0.500	0.0	91565.8	91565.8	29906.	305.	S(3)
		B2= 1.000	0.0	86708.3	86708.3	29906.	305.	FAIL S(3)
27	109 - 110	B1= 0.500	0.0	86708.3	86708.3	29906.	305.	S(3)
		B2= 1.000	0.0	85580.2	85580.2	29906.	305.	FAIL S(3)
28	110 - 111	B1= 0.500	0.0	85580.2	85580.2	29906.	305.	S(3)
		B2= 1.000	0.0	84913.2	84913.2	29906.	305.	FAIL S(3)
29	114 - 115	I*= 0.500	0.0	12261.3	12261.3	23925.	305.	S(3)
		I= 1.000	0.0	8862.0	8862.0	23925.	305.	S(3)
30	115 - 116	I*= 0.500	0.0	8862.0	8862.0	23925.	305.	S(3)
		I= 1.000	0.0	4487.4	4487.4	23925.	305.	S(3)
31	116 - 117	I*= 0.500	0.0	4342.8	4342.8	23925.	305.	S(3)
		I= 1.000	0.0	33.6	33.6	23925.	305.	S(3)
32	116 - 118	I*= 0.500	0.0	5679.7	5679.7	23925.	305.	S(3)
		I= 1.000	0.0	4438.9	4438.9	23925.	305.	S(3)
33	117 - 119	I*= 0.500	0.0	33.6	33.6	23925.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	23925.	305.	S(3)
34	118 - 120	I*= 0.500	0.0	4438.9	4438.9	23925.	305.	S(3)
		I= 1.000	0.0	2051.0	2051.0	23925.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
35	108 - 122	B1= 0.500	0.0	3490.2	3490.2	29906.	305.	S(3)
		B2= 1.000	0.0	4017.3	4017.3	29906.	305.	S(3)
36	122 - 123	B1= 0.500	0.0	4017.3	4017.3	29906.	305.	S(3)
		B2= 1.000	0.0	3198.6	3198.6	29906.	305.	S(3)
37	123 - 124	B1= 0.500	0.0	3198.6	3198.6	29906.	305.	S(3)
		B2= 1.000	0.0	4405.9	4405.9	29906.	305.	S(3)
38	124 - 125	B1= 0.500	0.0	4405.9	4405.9	29906.	305.	S(3)
		B2= 1.000	0.0	5093.0	5093.0	29906.	305.	S(3)
39	128 - 129	B1= 0.500	0.0	5733.5	5733.5	29906.	305.	S(3)
		B2= 1.000	0.0	5820.6	5820.6	29906.	305.	S(3)
40	129 - 14	B1= 0.500	0.0	5820.6	5820.6	29906.	305.	S(3)
		B2= 1.000	0.0	6080.2	6080.2	29906.	305.	S(3)
41	14 - 130	B1= 0.500	0.0	3620.2	3620.2	29906.	305.	S(3)
		B2= 1.000	0.0	3601.0	3601.0	29906.	305.	S(3)
42	14 - 131	B1= 0.500	0.0	5991.1	5991.1	29906.	305.	S(3)
		B2= 1.000	0.0	5350.2	5350.2	29906.	305.	S(3)
43	131 - 15	B1= 0.500	0.0	5350.2	5350.2	29906.	305.	S(3)
		B2= 1.000	0.0	2313.7	2313.7	29906.	305.	S(3)
44	15 - 16	B1= 1.000	0.0	2313.7	4118.8	29906.	305.	S(3)
		B2= 1.780	0.0	2539.1	4520.1	29906.	305.	S(3)
			0.0	1902.4	3386.7	29906.	305.	S(3)
45	16 - 132	B1= 0.500	0.0	1902.4	1902.4	29906.	305.	S(3)
		B2= 1.000	0.0	2579.2	2579.2	29906.	305.	S(3)
46	132 - 17	B1= 0.500	0.0	2579.2	2579.2	29906.	305.	S(3)
		B2= 1.000	0.0	2361.3	2361.3	29906.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
47	17 - 18	B1= 1.000	0.0	2361.3	4203.7	29906.	305.	S(3)
		B2= 1.780	0.0	2217.4	3947.5	29906.	305.	S(3)
			0.0	1893.9	3371.5	29906.	305.	S(3)
48	18 - 19	B1= 0.500	0.0	1893.9	1893.9	29906.	305.	S(3)
		B2= 1.000	0.0	1371.6	1371.6	29906.	305.	S(3)
49	19 - 20	B1= 1.000	0.0	1371.6	2441.7	29906.	305.	S(3)
		B2= 1.780	0.0	1526.7	2717.9	29906.	305.	S(3)
			0.0	1600.8	2849.8	29906.	305.	S(3)
50	20 - 133	B1= 0.500	0.0	1600.8	1600.8	29906.	305.	S(3)
		B2= 1.000	0.0	1553.5	1553.5	29906.	305.	S(3)
51	133 - 21	B1= 0.500	0.0	1553.5	1553.5	29906.	305.	S(3)
		B2= 1.000	0.0	1574.1	1574.1	29906.	305.	S(3)
52	21 - 22	B1= 1.000	0.0	1582.9	2817.8	29906.	305.	S(3)
		B2= 1.780	0.0	1191.0	2120.3	29906.	305.	S(3)
			0.0	1396.8	2486.7	29906.	305.	S(3)
53	22 - 23	B1= 0.500	0.0	1396.8	1396.8	29906.	305.	S(3)
		B2= 1.000	0.0	4905.0	4905.0	29906.	305.	S(3)
54	24 - 195	I*= 0.500	0.0	9933.7	9933.7	19899.	305.	S(3)
		I= 1.000	0.0	6429.9	6429.9	19899.	305.	S(3)
55	195 - 194	I*= 0.500	0.0	6429.9	6429.9	19899.	305.	S(3)
		I= 1.000	0.0	2868.4	2868.4	19899.	305.	S(3)
56	194 - 25	I*= 0.500	0.0	2869.8	2869.8	19899.	305.	S(3)
		I= 1.000	0.0	2484.0	2484.0	19899.	305.	S(3)
57	25 - 26	I*= 0.500	0.0	2485.8	4905.6	19899.	305.	S(3)
		I= 1.973	0.0	2522.2	4977.6	19899.	305.	S(3)
			0.0	2227.0	4394.9	19899.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
58	26 - 27	I*= 0.500	0.0	2226.5	2226.5	19899.	305.	S(3)
		I= 1.000	0.0	2151.4	2151.4	19899.	305.	S(3)
59	27 - 28	I*= 0.500	0.0	2151.4	4245.8	19899.	305.	S(3)
		I= 1.973	0.0	2614.3	5159.3	19899.	305.	S(3)
			0.0	2978.0	5877.0	19899.	305.	S(3)
60	28 - 29	I*= 0.500	0.0	2978.0	2978.0	19899.	305.	S(3)
		I= 1.000	0.0	3174.8	3174.8	19899.	305.	S(3)
61	29 - 193	I*= 0.500	0.0	7457.4	7457.4	19899.	305.	S(3)
		I= 1.000	0.0	7583.9	7583.9	19899.	305.	S(3)
62	29 - 192	I*= 0.500	0.0	2861.9	2861.9	19899.	305.	S(3)
		I= 1.000	0.0	3055.6	3055.6	19899.	305.	S(3)
63	192 - 191	I*= 0.500	0.0	3055.6	3055.6	19899.	305.	S(3)
		I= 1.000	0.0	3147.8	3147.8	19899.	305.	S(3)
64	191 - 190	I*= 0.500	0.0	3147.8	3147.8	19899.	305.	S(3)
		I= 1.000	0.0	2414.3	2414.3	19899.	305.	S(3)
65	190 - 30	I*= 0.500	0.0	2414.3	2414.3	19899.	305.	S(3)
		I= 1.000	0.0	2665.2	2665.2	19899.	305.	S(3)
66	30 - 165	I*= 0.500	0.0	2665.2	2665.2	19899.	305.	S(3)
		I= 1.000	0.0	3237.5	3237.5	19899.	305.	S(3)
			0.0	3817.2	3817.2	19899.	305.	S(3)
67	165 - 164	I*= 0.500	0.0	3817.2	3817.2	19899.	305.	S(3)
		I= 1.000	0.0	3875.4	3875.4	19899.	305.	S(3)
			0.0	4264.7	4264.7	19899.	305.	S(3)
68	164 - 163	I*= 0.500	0.0	4264.7	4264.7	19899.	305.	S(3)
		I= 1.000	0.0	4417.2	4417.2	19899.	305.	S(3)
			0.0	4566.7	4566.7	19899.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
69	163 - 162	I*= 0.500	0.0	4566.7	4566.7	19899.	305.	S(3)
		I= 1.000	0.0	3880.0	3880.0	19899.	305.	S(3)
			0.0	3226.1	3226.1	19899.	305.	S(3)
70	162 - 161	I*= 0.500	0.0	3226.1	3226.1	19899.	305.	S(3)
		I= 1.000	0.0	2444.0	2444.0	19899.	305.	S(3)
			0.0	5869.8	5869.8	19899.	305.	S(3)
71	161 - 160	I*= 0.500	0.0	5869.8	5869.8	19899.	305.	S(3)
		I= 1.000	0.0	7937.4	7937.4	19899.	305.	S(3)
			0.0	10691.5	10691.5	19899.	305.	S(3)
72	31 - 159	I*= 0.500	0.0	11375.5	11375.5	19899.	305.	S(3)
		I= 1.000	0.0	11733.3	11733.3	19899.	305.	S(3)
73	156 - 155	B1= 0.500	0.0	5673.8	5673.8	29906.	305.	S(3)
		B2= 1.000	0.0	7434.9	7434.9	29906.	305.	S(3)
74	155 - 32	B1= 0.500	0.0	7434.9	7434.9	29906.	305.	S(3)
		B2= 1.000	0.0	7669.5	7669.5	29906.	305.	S(3)
75	32 - 33	B1= 1.000	0.0	7669.5	13653.3	29906.	305.	S(3)
		B2= 1.780	0.0	7899.1	14062.1	29906.	305.	S(3)
			0.0	6744.4	12006.4	29906.	305.	S(3)
76	33 - 141	B1= 0.500	0.0	6744.4	6744.4	29906.	305.	S(3)
		B2= 1.000	0.0	5886.2	5886.2	29906.	305.	S(3)
77	141 - 142	B1= 0.500	0.0	81901.0	81901.0	29906.	305.	S(3)
		B2= 1.000	0.0	77071.1	77071.1	29906.	305.	FAIL S(3)
78	142 - 143	B1= 0.500	0.0	77071.1	77071.1	29906.	305.	S(3)
		B2= 1.000	0.0	75867.8	75867.8	29906.	305.	FAIL S(3)
79	143 - 144	B1= 0.500	0.0	75867.8	75867.8	29906.	305.	S(3)
		B2= 1.000	0.0	75301.0	75301.0	29906.	305.	FAIL S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
80	147 - 148	I*= 0.500	0.0	10777.2	10777.2	23925.	305.	S(3)
		I= 1.000	0.0	7799.7	7799.7	23925.	305.	S(3)
81	148 - 149	I*= 0.500	0.0	7799.7	7799.7	23925.	305.	S(3)
		I= 1.000	0.0	3968.9	3968.9	23925.	305.	S(3)
82	149 - 150	I*= 0.500	0.0	3819.0	3819.0	23925.	305.	S(3)
		I= 1.000	0.0	25.8	25.8	23925.	305.	S(3)
83	149 - 151	I*= 0.500	0.0	5490.9	5490.9	23925.	305.	S(3)
		I= 1.000	0.0	4290.1	4290.1	23925.	305.	S(3)
84	150 - 152	I*= 0.500	0.0	25.8	25.8	23925.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	23925.	305.	S(3)
85	151 - 153	I*= 0.500	0.0	4290.1	4290.1	23925.	305.	S(3)
		I= 1.000	0.0	1979.3	1979.3	23925.	305.	S(3)
86	141 - 140	B1= 0.500	0.0	5924.1	5924.1	29906.	305.	S(3)
		B2= 1.000	0.0	4831.9	4831.9	29906.	305.	S(3)
87	140 - 139	B1= 0.500	0.0	4831.9	4831.9	29906.	305.	S(3)
		B2= 1.000	0.0	2908.3	2908.3	29906.	305.	S(3)
88	139 - 34	B1= 0.500	0.0	2908.3	2908.3	29906.	305.	S(3)
		B2= 1.000	0.0	5486.7	5486.7	29906.	305.	S(3)
89	34 - 35	B1= 1.000	0.0	5486.7	9767.4	29906.	305.	S(3)
		B2= 1.780	0.0	5903.6	10509.7	29906.	305.	S(3)
			0.0	5973.9	10634.9	29906.	305.	S(3)
90	35 - 138	B1= 0.500	0.0	5973.9	5973.9	29906.	305.	S(3)
		B2= 1.000	0.0	5850.9	5850.9	29906.	305.	S(3)
91	135 - 134	B1= 0.500	0.0	4373.7	4373.7	29906.	305.	S(3)
		B2= 1.000	0.0	4108.2	4108.2	29906.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
92	134 - 130	B1= 0.500	0.0	4108.2	4108.2	29906.	305.	S(3)
		B2= 1.000	0.0	3601.0	3601.0	29906.	305.	S(3)
93	96 - 36	I*= 0.500	0.0	9196.0	9196.0	19899.	305.	S(3)
		I= 1.000	0.0	9382.1	9382.1	19899.	305.	S(3)
94	36 - 37	I*= 0.500	0.0	9384.2	15945.4	19899.	305.	S(3)
		I= 1.699	0.0	10577.7	17973.4	19899.	305.	S(3)
			0.0	11612.1	19731.2	19899.	305.	S(3)
95	37 - 166	I*= 0.500	0.0	11480.1	11480.1	19899.	305.	S(3)
		I= 1.000	0.0	8280.9	8280.9	19899.	305.	S(3)
96	168 - 169	I*= 0.500	0.0	8220.1	8220.1	20559.	213.	S(3)
		I= 1.000	0.0	7277.0	7277.0	20559.	213.	S(3)
97	169 - 170	I*= 0.500	0.0	7277.0	7277.0	21235.	120.	S(3)
		I= 1.000	0.0	4265.2	4265.2	21235.	120.	S(3)
98	170 - 171	I*= 0.500	0.0	1785.4	1785.4	21235.	120.	S(3)
		I= 1.000	0.0	1249.9	1249.9	21235.	120.	S(3)
99	171 - 172	I*= 0.500	0.0	1249.9	1249.9	21235.	120.	S(3)
		I= 1.000	0.0	829.3	829.3	21235.	120.	S(3)
100	172 - 173	I*= 0.500	0.0	184.3	184.3	21235.	120.	S(3)
		I= 1.000	0.0	10.7	10.7	21235.	120.	S(3)
101	173 - 174	I*= 0.500	0.0	48.0	48.0	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)
102	170 - 175	I*= 0.500	0.0	4287.6	4287.6	21235.	120.	S(3)
		I= 1.000	0.0	3864.2	3864.2	21235.	120.	S(3)
103	175 - 39	I*= 0.500	0.0	3864.1	3864.1	21235.	120.	S(3)
		I= 1.000	0.0	3642.5	3642.5	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
104	39 - 40	I*= 0.500	0.0	3642.5	6189.4	21235.	120.	S(3)
		I= 1.699	0.0	2902.9	4932.5	21235.	120.	S(3)
			0.0	2583.3	4389.6	21235.	120.	S(3)
105	40 - 176	I*= 0.500	0.0	2555.7	2555.7	21235.	120.	S(3)
		I= 1.000	0.0	3113.5	3113.5	21235.	120.	S(3)
106	176 - 41	I*= 0.500	0.0	3113.5	3113.5	21235.	120.	S(3)
		I= 1.000	0.0	3147.1	3147.1	21235.	120.	S(3)
107	41 - 42	I*= 0.500	0.0	3147.1	5347.5	21235.	120.	S(3)
		I= 1.699	0.0	3151.3	5354.6	21235.	120.	S(3)
			0.0	2960.3	5030.1	21235.	120.	S(3)
108	42 - 43	I*= 0.500	0.0	2960.3	2960.3	21235.	120.	S(3)
		I= 1.000	0.0	2615.8	2615.8	21235.	120.	S(3)
109	43 - 44	I*= 0.500	0.0	2615.8	4444.8	21235.	120.	S(3)
		I= 1.699	0.0	2581.6	4386.6	21235.	120.	S(3)
			0.0	2745.5	4665.1	21235.	120.	S(3)
110	44 - 177	I*= 0.500	0.0	2745.5	2745.5	21235.	120.	S(3)
		I= 1.000	0.0	4918.9	4918.9	21235.	120.	S(3)
111	177 - 178	I*= 0.500	0.0	4918.9	4918.9	21235.	120.	S(3)
		I= 1.000	0.0	3103.1	3103.1	21235.	120.	S(3)
112	178 - 45	I*= 0.500	0.0	3103.1	3103.1	21235.	120.	S(3)
		I= 1.000	0.0	4061.9	4061.9	21235.	120.	S(3)
113	45 - 46	I*= 0.500	0.0	4061.9	6902.0	21235.	120.	S(3)
		I= 1.699	0.0	4049.4	6880.8	21235.	120.	S(3)
			0.0	4021.7	6833.6	21235.	120.	S(3)
114	46 - 179	I*= 0.500	0.0	4021.7	4021.7	21235.	120.	S(3)
		I= 1.000	0.0	4038.3	4038.3	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
115	179 - 180	I*= 0.500	0.0	4038.3	4038.3	21235.	120.	S(3)
		I= 1.000	0.0	6125.2	6125.2	21235.	120.	S(3)
116	180 - 181	I*= 0.500	0.0	6125.2	6125.2	21235.	120.	S(3)
		I= 1.000	0.0	5724.7	5724.7	21235.	120.	S(3)
117	181 - 182	I*= 0.500	0.0	5724.7	5724.7	21235.	120.	S(3)
		I= 1.000	0.0	4924.7	4924.7	21235.	120.	S(3)
118	182 - 183	I*= 0.500	0.0	1399.1	1399.1	21235.	120.	S(3)
		I= 1.000	0.0	1603.3	1603.3	21235.	120.	S(3)
119	183 - 59	I*= 0.500	0.0	1603.3	1603.3	21235.	120.	S(3)
		I= 1.000	0.0	1854.3	1854.3	21235.	120.	S(3)
120	59 - 184	I*= 0.500	0.0	3125.9	3125.9	21235.	120.	S(3)
		I= 1.000	0.0	2407.6	2407.6	21235.	120.	S(3)
121	59 - 185	I*= 0.500	0.0	1683.8	1683.8	21235.	120.	S(3)
		I= 1.000	0.0	1561.4	1561.4	21235.	120.	S(3)
122	185 - 47	I*= 0.500	0.0	1561.4	1561.4	21235.	120.	S(3)
		I= 1.000	0.0	1434.1	1434.1	21235.	120.	S(3)
123	47 - 48	I*= 0.500	0.0	1434.1	2802.1	21235.	120.	S(3)
		I= 1.954	0.0	1442.0	2817.5	21235.	120.	S(3)
			0.0	1397.5	2730.5	21235.	120.	S(3)
124	48 - 186	I*= 0.500	0.0	1397.5	1397.5	21235.	120.	S(3)
		I= 1.000	0.0	1072.0	1072.0	21235.	120.	S(3)
125	186 - 187	I*= 0.500	0.0	1072.0	1072.0	21235.	120.	S(3)
		I= 1.000	0.0	1212.8	1212.8	21235.	120.	S(3)
126	187 - 188	I*= 0.500	0.0	1212.8	1212.8	21235.	120.	S(3)
		I= 1.000	0.0	1371.5	1371.5	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
127	188 - 49	I*= 0.500	0.0	1371.5	1371.5	21235.	120.	S(3)
		I= 1.000	0.0	880.7	880.7	21235.	120.	S(3)
128	49 - 50	I*= 0.500	0.0	880.7	1720.8	21235.	120.	S(3)
		I= 1.954	0.0	869.4	1698.6	21235.	120.	S(3)
			0.0	739.8	1445.4	21235.	120.	S(3)
129	50 - 189	I*= 0.500	0.0	739.8	739.8	21235.	120.	S(3)
		I= 1.000	0.0	724.7	724.7	21235.	120.	S(3)
130	51 - 52	I*= 0.500	0.0	721.4	1409.5	21235.	120.	S(3)
		I= 1.954	0.0	760.4	1485.7	21235.	120.	S(3)
			0.0	770.5	1505.4	21235.	120.	S(3)
131	52 - 53	I*= 0.500	0.0	772.5	772.5	21235.	120.	S(3)
		I= 1.000	0.0	783.8	783.8	21235.	120.	S(3)
132	184 - 58	I*= 0.500	0.0	2348.7	2348.7	21235.	120.	S(3)
		I= 1.000	0.0	2052.3	2052.3	21235.	120.	S(3)
133	58 - 57	I*= 0.500	0.0	2076.9	3529.0	21235.	120.	S(3)
		I= 1.699	0.0	1924.1	3269.4	21235.	120.	S(3)
			0.0	1500.8	2550.2	21235.	120.	S(3)
134	57 - 208	I*= 0.500	0.0	1500.8	1500.8	21235.	120.	S(3)
		I= 1.000	0.0	1315.1	1315.1	21235.	120.	S(3)
135	208 - 207	I*= 0.500	0.0	1315.1	1315.1	21235.	120.	S(3)
		I= 1.000	0.0	3736.4	3736.4	21235.	120.	S(3)
136	207 - 206	I*= 0.500	0.0	3736.5	3736.5	21235.	120.	S(3)
		I= 1.000	0.0	2623.7	2623.7	21235.	120.	S(3)
137	206 - 205	I*= 0.500	0.0	1704.5	1704.5	21235.	120.	S(3)
		I= 1.000	0.0	492.0	492.0	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
138	205 - 204	I*= 0.500	0.0	493.6	493.6	21235.	120.	S(3)
		I= 1.000	0.0	811.5	811.5	21235.	120.	S(3)
139	204 - 203	I*= 0.500	0.0	811.5	811.5	21235.	120.	S(3)
		I= 1.000	0.0	357.5	357.5	21235.	120.	S(3)
140	203 - 202	I*= 0.500	0.0	357.5	357.5	21235.	120.	S(3)
		I= 1.000	0.0	317.1	317.1	21235.	120.	S(3)
			0.0	411.6	411.6	21235.	120.	S(3)
141	202 - 201	I*= 0.500	0.0	439.1	439.1	21235.	120.	S(3)
		I= 1.000	0.0	802.5	802.5	21235.	120.	S(3)
142	201 - 200	I*= 0.500	0.0	802.5	802.5	21235.	120.	S(3)
		I= 1.000	0.0	1498.1	1498.1	21235.	120.	S(3)
143	200 - 199	I*= 0.500	0.0	2507.5	2507.5	21235.	120.	S(3)
		I= 1.000	0.0	2641.5	2641.5	21235.	120.	S(3)
144	199 - 56	I*= 0.500	0.0	2641.5	2641.5	21235.	120.	S(3)
		I= 1.000	0.0	2787.4	2787.4	21235.	120.	S(3)
145	56 - 55	I*= 0.500	0.0	2787.4	4736.3	21235.	120.	S(3)
		I= 1.699	0.0	3162.8	5374.3	21235.	120.	S(3)
			0.0	3198.1	5434.1	21235.	120.	S(3)
146	55 - 252	I*= 0.500	0.0	3198.1	3198.1	21235.	120.	S(3)
		I= 1.000	0.0	3601.1	3601.1	21235.	120.	S(3)
147	196 - 193	I*= 0.500	0.0	3217.6	3217.6	19899.	305.	S(3)
		I= 1.000	0.0	7583.9	7583.9	19899.	305.	S(3)
148	103 - 60	I*= 0.500	0.0	16248.8	16248.8	19899.	305.	S(3)
		I= 1.000	0.0	10596.8	10596.8	19899.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
149	60 - 61	I*= 0.500	0.0	10447.9	20413.3	19899.	305.		S(3)
		I= 1.954	0.0	8640.4	16881.8	19899.	305.		S(3)
			0.0	9309.8	18189.7	19899.	305.	FAIL	S(3)
150	61 - 209	I*= 0.500	0.0	9309.9	9309.9	19899.	305.		S(3)
		I= 1.000	0.0	12449.1	12449.1	19899.	305.		S(3)
151	212 - 213	I*= 0.500	0.0	15887.2	15887.2	20559.	213.		S(3)
		I= 1.000	0.0	9136.0	9136.0	20559.	213.		S(3)
152	213 - 62	I*= 0.500	0.0	9136.0	9136.0	21235.	120.		S(3)
		I= 1.000	0.0	8567.9	8567.9	21235.	120.		S(3)
153	62 - 63	I*= 0.500	0.0	8567.9	16740.2	21235.	120.		S(3)
		I= 1.954	0.0	8052.3	15732.7	21235.	120.		S(3)
			0.0	8179.9	15982.1	21235.	120.		S(3)
154	63 - 64	I*= 0.500	0.0	8179.9	8179.9	21235.	120.		S(3)
		I= 1.000	0.0	9542.0	9542.0	21235.	120.		S(3)
155	64 - 65	I*= 0.500	0.0	9542.0	18643.4	21235.	120.		S(3)
		I= 1.954	0.0	8704.7	17007.4	21235.	120.		S(3)
			0.0	6720.5	13130.7	21235.	120.		S(3)
156	65 - 66	I*= 0.500	0.0	6720.5	6720.5	21235.	120.		S(3)
		I= 1.000	0.0	5639.2	5639.2	21235.	120.		S(3)
157	66 - 67	I*= 0.500	0.0	5682.6	11102.8	21235.	120.		S(3)
		I= 1.954	0.0	7701.2	15046.8	21235.	120.		S(3)
			0.0	9101.8	17783.3	21235.	120.		S(3)
158	67 - 214	I*= 0.500	0.0	9101.8	9101.8	21235.	120.		S(3)
		I= 1.000	0.0	9285.4	9285.4	21235.	120.		S(3)
159	214 - 68	I*= 0.500	0.0	9285.4	9285.4	21235.	120.		S(3)
		I= 1.000	0.0	6918.3	6918.3	21235.	120.		S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
160	68 - 69	I*= 0.500	0.0	6918.3	13517.1	21235.	120.	S(3)
		I= 1.954	0.0	6771.9	13231.0	21235.	120.	S(3)
			0.0	6614.1	12922.7	21235.	120.	S(3)
161	69 - 215	I*= 0.500	0.0	6614.1	6614.1	21235.	120.	S(3)
		I= 1.000	0.0	6329.4	6329.4	21235.	120.	S(3)
162	215 - 70	I*= 0.500	0.0	6329.4	6329.4	21235.	120.	S(3)
		I= 1.000	0.0	6822.7	6822.7	21235.	120.	S(3)
163	70 - 216	I*= 0.500	0.0	5771.0	5771.0	21235.	120.	S(3)
		I= 1.000	0.0	5456.7	5456.7	21235.	120.	S(3)
164	70 - 217	I*= 0.500	0.0	4832.6	4832.6	21235.	120.	S(3)
		I= 1.000	0.0	4216.7	4216.7	21235.	120.	S(3)
165	217 - 71	I*= 0.500	0.0	4216.7	9052.4	21235.	120.	S(3)
		I= 2.147	0.0	3750.0	8050.4	21235.	120.	S(3)
			0.0	3588.1	7702.8	21235.	120.	S(3)
166	71 - 72	I*= 0.500	0.0	3588.1	7702.8	21235.	120.	S(3)
		I= 2.147	0.0	3858.2	8282.8	21235.	120.	S(3)
			0.0	4338.8	9314.6	21235.	120.	S(3)
167	72 - 218	I*= 0.500	0.0	4338.8	4338.8	21235.	120.	S(3)
		I= 1.000	0.0	4688.1	4688.1	21235.	120.	S(3)
168	218 - 219	I*= 0.500	0.0	4688.1	4688.1	21235.	120.	S(3)
		I= 1.000	0.0	6185.8	6185.8	21235.	120.	S(3)
169	222 - 223	I*= 0.500	0.0	6282.8	6282.8	21235.	120.	S(3)
		I= 1.000	0.0	5529.6	5529.6	21235.	120.	S(3)
170	226 - 73	I*= 0.500	0.0	5420.9	5420.9	21235.	120.	S(3)
		I= 1.000	0.0	4995.6	4995.6	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
171	73 - 74	I*= 0.500	0.0	4966.7	10662.5	21235.	120.	S(3)
		I= 2.147	0.0	2926.9	6283.4	21235.	120.	S(3)
			0.0	798.7	1714.7	21235.	120.	S(3)
172	74 - 227	I*= 0.500	0.0	798.7	798.7	21235.	120.	S(3)
		I= 1.000	0.0	6843.2	6843.2	21235.	120.	S(3)
173	227 - 75	I*= 0.500	0.0	6843.2	6843.2	21235.	120.	S(3)
		I= 1.000	0.0	22826.5	22826.5	21235.	120.	FAIL S(3)
174	216 - 228	I*= 0.500	0.0	5456.7	5456.7	21235.	120.	S(3)
		I= 1.000	0.0	5274.7	5274.7	21235.	120.	S(3)
175	228 - 76	I*= 0.500	0.0	5274.7	5274.7	21235.	120.	S(3)
		I= 1.000	0.0	4719.6	4719.6	21235.	120.	S(3)
176	76 - 77	I*= 0.500	0.0	4450.5	4450.5	21235.	120.	S(3)
		I= 1.000	0.0	3081.1	3081.1	21235.	120.	S(3)
177	77 - 78	I*= 0.500	0.0	3081.1	6614.6	21235.	120.	S(3)
		I= 2.147	0.0	2632.3	5650.9	21235.	120.	S(3)
			0.0	2193.8	4709.7	21235.	120.	S(3)
178	78 - 231	I*= 0.500	0.0	2193.8	2193.8	21235.	120.	S(3)
		I= 1.000	0.0	2132.7	2132.7	21235.	120.	S(3)
179	231 - 232	I*= 0.500	0.0	2132.7	2132.7	21235.	120.	S(3)
		I= 1.000	0.0	1145.0	1145.0	21235.	120.	S(3)
180	235 - 79	I*= 0.500	0.0	1106.8	1106.8	21235.	120.	S(3)
		I= 1.000	0.0	1071.7	1071.7	21235.	120.	S(3)
181	79 - 80	I*= 0.500	0.0	1071.7	2300.6	21235.	120.	S(3)
		I= 2.147	0.0	993.0	2131.8	21235.	120.	S(3)
			0.0	1520.3	3263.8	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
182	80 - 81	I*= 0.500	0.0	1520.3	1520.3	21235.	120.	S(3)
		I= 1.000	0.0	2371.4	2371.4	21235.	120.	S(3)
183	76 - 229	I*= 0.500	0.0	5228.7	5228.7	21235.	120.	S(3)
		I= 1.000	0.0	4906.2	4906.2	21235.	120.	S(3)
184	229 - 230	I*= 0.500	0.0	4906.2	4906.2	21235.	120.	S(3)
		I= 1.000	0.0	4705.4	4705.4	21235.	120.	S(3)
185	230 - 236	I*= 0.500	0.0	4705.4	4705.4	21235.	120.	S(3)
		I= 1.000	0.0	1043.4	1043.4	21235.	120.	S(3)
186	236 - 237	I*= 0.500	0.0	1043.4	1043.4	21235.	120.	S(3)
		I= 1.000	0.0	1031.9	1031.9	21235.	120.	S(3)
187	240 - 82	I*= 0.500	0.0	879.5	879.5	21235.	120.	S(3)
		I= 1.000	0.0	866.2	866.2	21235.	120.	S(3)
188	82 - 83	I*= 0.500	0.0	882.3	1291.9	21235.	120.	S(3)
		I= 1.464	0.0	800.4	1172.0	21235.	120.	S(3)
			0.0	724.6	1061.0	21235.	120.	S(3)
189	83 - 84	I*= 0.500	0.0	724.6	724.6	21235.	120.	S(3)
		I= 1.000	0.0	611.4	611.4	21235.	120.	S(3)
190	84 - 85	I*= 0.500	0.0	611.4	895.2	21235.	120.	S(3)
		I= 1.464	0.0	592.2	867.1	21235.	120.	S(3)
			0.0	511.3	748.7	21235.	120.	S(3)
191	85 - 241	I*= 0.500	0.0	525.8	525.8	21235.	120.	S(3)
		I= 1.000	0.0	592.0	592.0	21235.	120.	S(3)
192	241 - 86	I*= 0.500	0.0	592.0	592.0	21235.	120.	S(3)
		I= 1.000	0.0	686.7	686.7	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
193	86 - 242	I*= 0.500	0.0	339.2	339.2	21235.	120.	S(3)
		I= 1.000	0.0	328.9	328.9	21235.	120.	S(3)
194	86 - 243	I*= 0.500	0.0	370.9	370.9	21235.	120.	S(3)
		I= 1.000	0.0	337.4	337.4	21235.	120.	S(3)
195	242 - 87	I*= 0.500	0.0	328.9	481.5	21235.	120.	S(3)
		I= 1.464	0.0	326.0	477.4	21235.	120.	S(3)
			0.0	311.8	456.5	21235.	120.	S(3)
196	87 - 88	I*= 0.500	0.0	311.8	456.5	21235.	120.	S(3)
		I= 1.464	0.0	287.3	420.6	21235.	120.	S(3)
			0.0	252.7	370.0	21235.	120.	S(3)
197	88 - 244	I*= 0.500	0.0	252.7	252.7	21235.	120.	S(3)
		I= 1.000	0.0	236.7	236.7	21235.	120.	S(3)
198	247 - 89	I*= 0.500	0.0	230.4	230.4	21235.	120.	S(3)
		I= 1.000	0.0	264.5	264.5	21235.	120.	S(3)
199	243 - 90	I*= 0.500	0.0	337.4	494.0	21235.	120.	S(3)
		I= 1.464	0.0	327.8	480.0	21235.	120.	S(3)
			0.0	313.0	458.3	21235.	120.	S(3)
200	90 - 91	I*= 0.500	0.0	313.0	458.3	21235.	120.	S(3)
		I= 1.464	0.0	289.1	423.4	21235.	120.	S(3)
			0.0	254.5	372.6	21235.	120.	S(3)
201	91 - 248	I*= 0.500	0.0	254.5	254.5	21235.	120.	S(3)
		I= 1.000	0.0	238.0	238.0	21235.	120.	S(3)
202	251 - 92	I*= 0.500	0.0	216.6	216.6	21235.	120.	S(3)
		I= 1.000	0.0	240.2	240.2	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
203	160 - 31	I*= 0.500	0.0	10691.5	10691.5	19899.	305.	S(3)
		I= 1.000	0.0	11017.2	11017.2	19899.	305.	S(3)
			0.0	11376.2	11376.2	19899.	305.	S(3)
204	189 - 51	I*= 0.500	0.0	724.7	724.7	21235.	120.	S(3)
		I= 1.000	0.0	721.4	721.4	21235.	120.	S(3)
205	200 - 206	I*= 0.500	0.0	2497.2	2497.2	21235.	120.	S(3)
		I= 1.000	0.0	2612.9	2612.9	21235.	120.	S(3)
206	104 - 105	B1= 0.500	0.0	2885.2	2885.2	29906.	305.	S(3)
		B2= 1.000	0.0	3470.0	3470.0	29906.	305.	S(3)
207	105 - 106	B1= 0.500	0.0	3752.4	3752.4	29906.	305.	S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.	S(3)
208	105 - 107	B1= 0.500	0.0	3897.8	3897.8	29906.	305.	S(3)
		B2= 1.000	0.0	3534.5	3534.5	29906.	305.	S(3)
209	111 - 112	B1= 0.500	0.0	49496.9	49496.9	29906.	305.	S(3)
		B2= 1.000	0.0	50032.8	50032.8	29906.	305.	FAIL S(3)
210	112 - 113	B1= 0.500	0.0	52519.1	52519.1	29906.	305.	S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL S(3)
211	112 - 114	B1= 0.500	0.0	11670.8	11670.8	29906.	305.	S(3)
		B2= 1.000	0.0	7147.2	7147.2	29906.	305.	S(3)
212	125 - 126	B1= 0.500	0.0	3437.0	3437.0	29906.	305.	S(3)
		B2= 1.000	0.0	4413.3	4413.3	29906.	305.	S(3)
213	126 - 127	B1= 0.500	0.0	2743.8	2743.8	29906.	305.	S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.	S(3)
214	126 - 128	B1= 0.500	0.0	4221.4	4221.4	29906.	305.	S(3)
		B2= 1.000	0.0	3869.2	3869.2	29906.	305.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG	
215	135 - 136	B1= 0.500	0.0	2951.5	2951.5	29906.	305.		S(3)
		B2= 1.000	0.0	4133.7	4133.7	29906.	305.		S(3)
216	136 - 137	B1= 0.500	0.0	3315.4	3315.4	29906.	305.		S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.		S(3)
217	136 - 138	B1= 0.500	0.0	3709.1	3709.1	29906.	305.		S(3)
		B2= 1.000	0.0	3948.5	3948.5	29906.	305.		S(3)
218	144 - 145	B1= 0.500	0.0	43893.8	43893.8	29906.	305.		S(3)
		B2= 1.000	0.0	44337.8	44337.8	29906.	305.	FAIL	S(3)
219	145 - 146	B1= 0.500	0.0	48370.7	48370.7	29906.	305.		S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.	FAIL	S(3)
220	145 - 147	B1= 0.500	0.0	10244.5	10244.5	29906.	305.		S(3)
		B2= 1.000	0.0	6282.1	6282.1	29906.	305.		S(3)
221	153 - 154	I*= 0.500	0.0	634.1	634.1	23925.	305.		S(3)
		I= 1.000	0.0	0.0	0.0	23925.	305.		S(3)
222	156 - 157	B1= 0.500	0.0	3832.2	3832.2	29906.	305.		S(3)
		B2= 1.000	0.0	4774.9	4774.9	29906.	305.		S(3)
223	157 - 158	B1= 0.500	0.0	4296.0	4296.0	29906.	305.		S(3)
		B2= 1.000	0.0	0.0	0.0	29906.	305.		S(3)
224	157 - 159	B1= 0.500	0.0	3551.6	3551.6	29906.	305.		S(3)
		B2= 1.000	0.0	3046.0	3046.0	29906.	305.		S(3)
225	166 - 38	I*= 0.500	0.0	1823.5	1823.5	19899.	305.		S(3)
		I= 1.000	0.0	2074.0	2074.0	19899.	305.		S(3)
226	38 - 167	I*= 0.500	0.0	388.6	388.6	19899.	305.		S(3)
		I= 1.000	0.0	0.0	0.0	19899.	305.		S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
227	38 - 168	I*= 0.500	0.0	1967.3	1967.3	19899.	305.	S(3)
		I= 1.000	0.0	1810.1	1810.1	19899.	305.	S(3)
228	198 - 54	I*= 0.500	0.0	674.5	674.5	19899.	305.	S(3)
		I= 1.000	0.0	747.5	747.5	19899.	305.	S(3)
229	54 - 197	I*= 0.500	0.0	320.7	320.7	19899.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	19899.	305.	S(3)
230	54 - 196	I*= 0.500	0.0	842.4	842.4	19899.	305.	S(3)
		I= 1.000	0.0	708.5	708.5	19899.	305.	S(3)
231	209 - 210	I*= 0.500	0.0	3041.4	3041.4	19899.	305.	S(3)
		I= 1.000	0.0	3583.1	3583.1	19899.	305.	S(3)
232	210 - 211	I*= 0.500	0.0	3127.7	3127.7	19899.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	19899.	305.	S(3)
233	210 - 212	I*= 0.500	0.0	4344.0	4344.0	19899.	305.	S(3)
		I= 1.000	0.0	3881.4	3881.4	19899.	305.	S(3)
234	219 - 220	I*= 0.500	0.0	1704.2	1704.2	21235.	120.	S(3)
		I= 1.000	0.0	1710.6	1710.6	21235.	120.	S(3)
235	220 - 221	I*= 0.500	0.0	80.2	80.2	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)
236	220 - 222	I*= 0.500	0.0	1752.6	1752.6	21235.	120.	S(3)
		I= 1.000	0.0	1730.9	1730.9	21235.	120.	S(3)
237	223 - 224	I*= 0.500	0.0	1523.4	1523.4	21235.	120.	S(3)
		I= 1.000	0.0	1492.6	1492.6	21235.	120.	S(3)
238	224 - 225	I*= 0.500	0.0	95.4	95.4	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
239	224 - 226	I*= 0.500	0.0	1552.8	1552.8	21235.	120.	S(3)
		I= 1.000	0.0	1493.4	1493.4	21235.	120.	S(3)
240	232 - 233	I*= 0.500	0.0	315.4	315.4	21235.	120.	S(3)
		I= 1.000	0.0	312.5	312.5	21235.	120.	S(3)
241	233 - 234	I*= 0.500	0.0	9.3	9.3	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)
242	233 - 235	I*= 0.500	0.0	309.5	309.5	21235.	120.	S(3)
		I= 1.000	0.0	304.9	304.9	21235.	120.	S(3)
243	244 - 245	I*= 0.500	0.0	62.9	62.9	21235.	120.	S(3)
		I= 1.000	0.0	47.2	47.2	21235.	120.	S(3)
244	245 - 246	I*= 0.500	0.0	0.2	0.2	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)
245	245 - 247	I*= 0.500	0.0	47.4	47.4	21235.	120.	S(3)
		I= 1.000	0.0	61.2	61.2	21235.	120.	S(3)
246	248 - 249	I*= 0.500	0.0	63.3	63.3	21235.	120.	S(3)
		I= 1.000	0.0	49.5	49.5	21235.	120.	S(3)
247	249 - 250	I*= 0.500	0.0	0.2	0.2	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)
248	249 - 251	I*= 0.500	0.0	49.7	49.7	21235.	120.	S(3)
		I= 1.000	0.0	57.6	57.6	21235.	120.	S(3)
249	237 - 238	I*= 0.500	0.0	274.3	274.3	21235.	120.	S(3)
		I= 1.000	0.0	260.7	260.7	21235.	120.	S(3)
250	238 - 239	I*= 0.500	0.0	14.2	14.2	21235.	120.	S(3)
		I= 1.000	0.0	0.0	0.0	21235.	120.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

ELEMENT	NI - NJ	INDICES	PRESSURE STRESS (PR/T)	MOMENT STRESS (MC/I)	CALCULATED STRESS (EQUATION)	ALLOWABLE STRESS	AVERAGE TEMP.	FAILURE FLAG
251	238 - 240	I*= 0.500	0.0	255.6	255.6	21235.	120.	S(3)
		I= 1.000	0.0	233.8	233.8	21235.	120.	S(3)
252	120 - 121	I*= 0.500	0.0	653.0	653.0	23925.	305.	S(3)
		I= 1.000	0.0	0.0	0.0	23925.	305.	S(3)
253	252 - 198	I*= 0.500	0.0	3601.1	3601.1	20559.	213.	S(3)
		I= 1.000	0.0	3062.9	3062.9	20559.	213.	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

**** SEISMIC(1/2 SSE X,Y,Z BLDG ONLY**ID #7,8,9) ****

COMP. NO.	COMPONENT TYPE					FAILURE FLAG
		NODE=	182	B1= 1.000	D1= 6.625	
		NA=	0	B2= 1.000	D2= 10.750	
15	CON. REDUCER	NB=	0	C1= 1.000	T1= 0.280	
	PER B16.9	NC=	0	C2= 1.000	T2= 0.365	
		INDEXO=	3	I= 1.000		

PRESSURE STRESS	MOMENT STRESS(*)	CALCULATED STRESS	ALLOWABLE STRESS	
0.0	4725.74	4725.74	20559.13	S(3)

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 6	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 95	DB= 6.625	B2R= 3.122	B2B= 3.122	
1	BUTT WELD TEE	NB= 97	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 96	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 3		IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	8725.7	13625.5	19899.0	S(3)
RUN	0.0	6379.9	9962.3	19899.0	S(3)

MAX. RUN LOAD	(R-1)	M1=-152157.9	M2=-244499.0	M3= 282869.3
	(R-2)	M1=-117701.4	M2=-225815.4	M3= 293624.6
	(BR)	M1= -2744.6	M2= -75591.0	M3= 15698.3
MAX. BR. LOAD	(R-1)	M1=-152157.9	M2=-244499.0	M3= 282869.3
	(R-2)	M1=-117701.4	M2=-225815.4	M3= 293624.6
	(BR)	M1= -2744.6	M2= -75591.0	M3= 15698.3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 9	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 101	DB= 10.750	B2R= 3.122	B2B= 3.122	
2	BUTT WELD TEE	NB= 102	TR= 0.438	C1R= 1.500	C1B= 1.500	FAIL
	PER B16.9	NC= 103	TB= 0.365	C2R= 4.162	C2B= 4.162	
		INDEXO= 3		IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	21427.5	33459.7	19899.0	S(3)
RUN	0.0	11606.6	18124.0	19899.0	S(3)

MAX. RUN LOAD	(R-1)	M1= -10547.5	M2=-480150.0	M3=-331092.0
	(R-2)	M1= -81431.0	M2=-486269.3	M3=-544255.0
	(BR)	M1= 163597.0	M2=-511714.9	M3=-387625.5
MAX. BR. LOAD	(R-1)	M1= -10547.5	M2=-480150.0	M3=-331092.0
	(R-2)	M1= -81431.0	M2=-486269.3	M3=-544255.0
	(BR)	M1= 163597.0	M2=-511714.9	M3=-387625.5

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 14	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 130	DB= 14.000	B2R= 1.500	B2B= 1.500	
3	BUTT WELD TEE	NB= 131	TR= 1.406	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 129	TB= 1.406	C2R= 2.000	C2B= 2.000	
		INDEXO= 1		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	5537.8	8306.7	29906.2	S(3)
RUN	0.0	0.0	0.0	29906.2	S(3)
TOTAL			8306.7	29906.2	

MAX. RUN LOAD	(R-1)	M1= 132711.1	M2=-491796.4	M3= 272096.0
	(R-2)	M1= 436254.5	M2= -54740.3	M3= 848560.7
	(BR)	M1= 525668.4	M2=-410411.5	M3= 704268.0
MAX. BR. LOAD	(R-1)	M1= 132711.1	M2=-491796.4	M3= 272096.0
	(R-2)	M1= 436254.5	M2= -54740.3	M3= 848560.7
	(BR)	M1= 525668.4	M2=-410411.5	M3= 704268.0

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 29	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 28	DB= 6.625	B2R= 3.122	B2B= 3.122	
4	BUTT WELD TEE	NB= 192	TR= 0.438	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 193	TB= 0.280	C2R= 4.162	C2B= 4.162	
		INDEXO= 3		IR= 1.562	IB= 1.562	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	7156.1	11174.5	19899.0	S(3)
RUN	0.0	3078.6	4807.4	19899.0	S(3)

MAX. RUN LOAD	(R-1)	M1= -46035.1	M2=-167219.1	M3= -88669.7
	(R-2)	M1= -33180.9	M2=-165568.8	M3= -48167.4
	(BR)	M1= -10148.2	M2= -44786.1	M3= -43649.1
MAX. BR. LOAD	(R-1)	M1= -46035.1	M2=-167219.1	M3= -88669.7
	(R-2)	M1= -33180.9	M2=-165568.8	M3= -48167.4
	(BR)	M1= -10148.2	M2= -44786.1	M3= -43649.1

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE					
		N= 59	DR= 10.750	B1R= 1.000	B1B= 1.000	FAILURE FLAG
		NA= 183	DB= 6.625	B2R= 2.951	B2B= 2.951	
5	BUTT WELD TEE	NB= 185	TR= 0.365	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 184	TB= 0.280	C2R= 3.934	C2B= 3.934	
		INDEXO= 3		IR= 1.476	IB= 1.476	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	2999.6	4427.2	21234.8	S(3)
RUN	0.0	1793.6	2647.2	21234.8	S(3)

MAX. RUN LOAD	(R-1)	M1= 19213.8	M2= -18574.5	M3= 48587.1
	(R-2)	M1= 24673.1	M2= -11195.1	M3= 42440.6
	(BR)	M1= 12851.3	M2= -22383.9	M3= 6252.0
MAX. BR. LOAD	(R-1)	M1= 19213.8	M2= -18574.5	M3= 48587.1
	(R-2)	M1= 24673.1	M2= -11195.1	M3= 42440.6
	(BR)	M1= 12851.3	M2= -22383.9	M3= 6252.0

COMP. NO.	COMP. TYPE					
		N= 70	DR= 12.750	B1R= 1.000	B1B= 1.000	FAILURE FLAG
		NA= 217	DB= 10.750	B2R= 3.257	B2B= 3.257	
6	BUTT WELD TEE	NB= 216	TR= 0.375	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 215	TB= 0.365	C2R= 4.343	C2B= 4.343	
		INDEXO= 3		IR= 1.629	IB= 1.629	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	6599.2	10751.9	21234.8	S(3)
RUN	0.0	5606.4	9134.3	21234.8	S(3)

MAX. RUN LOAD	(R-1)	M1= 137499.5	M2= -72939.2	M3=-143572.4
	(R-2)	M1= 138846.2	M2= -58461.9	M3=-203092.4
	(BR)	M1= 62890.8	M2=-112882.0	M3=-157890.0
MAX. BR. LOAD	(R-1)	M1= 137499.5	M2= -72939.2	M3=-143572.4
	(R-2)	M1= 138846.2	M2= -58461.9	M3=-203092.4
	(BR)	M1= 62890.8	M2=-112882.0	M3=-157890.0

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 86	DR= 4.500	B1R= 1.000	B1B= 1.000	
		NA= 242	DB= 4.500	B2R= 2.173	B2B= 2.173	
7	BUTT WELD TEE	NB= 243	TR= 0.237	C1R= 1.500	C1B= 1.500	
	PER B16.9	NC= 241	TB= 0.237	C2R= 2.898	C2B= 2.898	
		INDEXO= 3		IR= 1.087	IB= 1.087	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	652.5	709.4	21234.8	S(3)
RUN	0.0	352.4	383.1	21234.8	S(3)

MAX. RUN LOAD	(R-1)	M1= 1045.7	M2= -118.6	M3= 285.4
	(R-2)	M1= 1048.7	M2= -512.0	M3= 243.3
	(BR)	M1= 530.5	M2= -464.4	M3= 2091.6
MAX. BR. LOAD	(R-1)	M1= 1045.7	M2= -118.6	M3= 285.4
	(R-2)	M1= 1048.7	M2= -512.0	M3= 243.3
	(BR)	M1= 530.5	M2= -464.4	M3= 2091.6

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 108	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 13	DB= 3.500	B2R= 1.000	B2B= 1.125	
8	BRANCH CONNECT.	NB= 122	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 109	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	0.0	81746.1	91964.4	29906.2		S(3)
RUN	0.0	0.0	0.0	29906.2		S(3)
TOTAL			91964.4	29906.2	FAIL	

MAX. RUN LOAD	(R-1)	M1= 128909.3	M2= 414247.5	M3= 321680.2
	(R-2)	M1= 136313.9	M2= 412100.1	M3= 348675.4
	(BR)	M1= 242557.8	M2= 19405.4	M3= 101512.8
MAX. BR. LOAD	(R-1)	M1= 128909.3	M2= 414247.5	M3= 321680.2
	(R-2)	M1= 136313.9	M2= 412100.1	M3= 348675.4
	(BR)	M1= 242557.8	M2= 19405.4	M3= 101512.8

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 1 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 141	DR= 14.000	B1R= 1.000	B1B= 1.000	
		NA= 33	DB= 3.500	B2R= 1.000	B2B= 1.125	
9	BRANCH CONNECT.	NB= 140	TR= 1.406	C1R= 2.000	C1B= 2.000	FAIL
	PER NB-3643	NC= 142	TB= 0.438	C2R= 1.000	C2B= 1.500	
		INDEXO= 1		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	0.0	73117.8	82257.5	29906.2		S(3)
RUN	0.0	0.0	0.0	29906.2		S(3)
TOTAL			82257.5	29906.2	FAIL	

MAX. RUN LOAD	(R-1)	M1= 237603.2	M2= 47911.3	M3= 907152.8
	(R-2)	M1= 243402.6	M2= 35431.8	M3= 912441.1
	(BR)	M1= 163210.4	M2=-139083.5	M3= 98150.6
MAX. BR. LOAD	(R-1)	M1= 237603.2	M2= 47911.3	M3= 907152.8
	(R-2)	M1= 243402.6	M2= 35431.8	M3= 912441.1
	(BR)	M1= 163210.4	M2=-139083.5	M3= 98150.6

COMP. NO.	COMP. TYPE					FAILURE FLAG
		N= 116	DR= 3.500	B1R= 1.000	B1B= 1.000	
		NA= 115	DB= 1.315	B2R= 1.000	B2B= 1.412	
10	BRANCH CONNECT.	NB= 117	TR= 0.438	C1R= 2.000	C1B= 2.000	
	PER NB-3643	NC= 118	TB= 0.250	C2R= 1.000	C2B= 1.882	
		INDEXO= 3		IR= 1.000	IB= 1.000	

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS		
BRANCH	0.0	4853.4	4853.4	23925.0		S(3)
RUN	0.0	4006.1	4006.1	23925.0		S(3)

MAX. RUN LOAD	(R-1)	M1= 8075.7	M2= 10044.9	M3= 915.8
	(R-2)	M1= 7557.6	M2= 9962.7	M3= 0.0
	(BR)	M1= 541.1	M2= 915.8	M3= 191.6
MAX. BR. LOAD	(R-1)	M1= 8075.7	M2= 10044.9	M3= 915.8
	(R-2)	M1= 7557.6	M2= 9962.7	M3= 0.0
	(BR)	M1= 541.1	M2= 915.8	M3= 191.6

S T R E S S A N A L Y S I S

K = 1.200 INDEX= 3 PRESSURE= 0. LOADS= 3

COMP. NO.	COMP. TYPE						
		N= 149	DR= 3.500	B1R= 1.000	B1B= 1.000	FAILURE FLAG	
		NA= 148	DB= 1.315	B2R= 1.000	B2B= 1.412		
11	BRANCH CONNECT.	NB= 150	TR= 0.438	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 151	TB= 0.250	C2R= 1.000	C2B= 1.882		
		INDEXO= 3		IR= 1.000	IB= 1.000		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	4692.0	4692.0	23925.0	S(3)
RUN	0.0	3543.2	3543.2	23925.0	S(3)

MAX. RUN LOAD	(R-1)	M1= 4840.4	M2= 8375.9	M3= 6084.2
	(R-2)	M1= 5075.4	M2= 8331.2	M3= 5075.4
	(BR)	M1= 460.4	M2= 600.8	M3= 720.3
MAX. BR. LOAD	(R-1)	M1= 4840.4	M2= 8375.9	M3= 6084.2
	(R-2)	M1= 5075.4	M2= 8331.2	M3= 5075.4
	(BR)	M1= 460.4	M2= 600.8	M3= 720.3

COMP. NO.	COMP. TYPE						
		N= 170	DR= 6.625	B1R= 1.000	B1B= 1.000	FAILURE FLAG	
		NA= 169	DB= 1.315	B2R= 1.000	B2B= 2.090		
12	BRANCH CONNECT.	NB= 175	TR= 0.280	C1R= 2.000	C1B= 2.000		
	PER NB-3643	NC= 171	TB= 0.133	C2R= 1.000	C2B= 2.787		
		INDEXO= 3		IR= 1.045	IB= 1.045		

	PRESSURE STRESS(*)	MOMENT STRESS	CALCULATED STRESS	ALLOWABLE STRESS	
BRANCH	0.0	1625.1	1698.4	21234.8	S(3)
RUN	0.0	4114.4	4300.0	21234.8	S(3)

MAX. RUN LOAD	(R-1)	M1= 10007.2	M2= 12048.5	M3= -32676.3
	(R-2)	M1= 10011.8	M2= 12048.5	M3= -32886.1
	(BR)	M1= -18.0	M2= 220.7	M3= -84.9
MAX. BR. LOAD	(R-1)	M1= 10007.2	M2= 12048.5	M3= -32676.3
	(R-2)	M1= 10011.8	M2= 12048.5	M3= -32886.1
	(BR)	M1= -18.0	M2= 220.7	M3= -84.9

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                              S T R E S S   A N A L Y S I S

      K = 1.200       INDEX= 3       PRESSURE=    0.       LOADS=    3

COMP. NO.     COMP. TYPE          N= 200     DR=  6.625    B1R= 1.000    B1B= 1.000    FAILURE FLAG
                                 NA= 199     DB=  1.315    B2R= 1.000    B2B= 2.090
   13         BRANCH CONNECT.    NB= 206     TR=  0.280    C1R= 2.000    C1B= 2.000
              PER NB-3643        NC= 201     TB=  0.133    C2R= 1.000    C2B= 2.787
                              INDEXO=   3                   IR= 1.045     IB= 1.045
                PRESSURE         MOMENT        CALCULATED          ALLOWABLE
                 STRESS(*)       STRESS          STRESS              STRESS

       BRANCH        0.0         1363.7          1425.2             21234.8                                S(3)
          RUN        0.0         2406.2          2514.8             21234.8                                S(3)

        MAX. RUN LOAD        (R-1)      M1=   9860.1      M2=  13790.1      M3= -12901.2
                             (R-2)      M1=   9888.4      M2=  13782.0      M3= -12743.4
                             (BR )      M1=     47.3      M2=    166.3      M3=    -98.5

        MAX. BR. LOAD        (R-1)      M1=   9860.1      M2=  13790.1      M3= -12901.2
                             (R-2)      M1=   9888.4      M2=  13782.0      M3= -12743.4
                             (BR )      M1=     47.3      M2=    166.3      M3=    -98.5

COMP. NO.     COMP. TYPE          N=  76     DR= 12.750    B1R= 1.000    B1B= 1.000    FAILURE FLAG
                                 NA= 228     DB=  4.500    B2R= 1.340    B2B= 3.949
   14         BRANCH CONNECT.    NB=  77     TR=  0.375    C1R= 2.000    C1B= 2.000
              PER NB-3643        NC= 229     TB=  0.237    C2R= 1.786    C2B= 5.265
                              INDEXO=   3                   IR= 1.974     IB= 1.974
                PRESSURE         MOMENT        CALCULATED          ALLOWABLE
                 STRESS(*)       STRESS          STRESS              STRESS

       BRANCH        0.0         4968.6          9810.5             21234.8                                S(3)
          RUN        0.0         4585.0          9053.0             21234.8                                S(3)

        MAX. RUN LOAD        (R-1)      M1= 138846.2      M2= 115635.0      M3=-100579.2
                             (R-2)      M1= 122507.8      M2= 115408.6      M3= -98498.2
                             (BR )      M1=   1523.7      M2=   2241.7      M3= -16587.6

        MAX. BR. LOAD        (R-1)      M1= 138846.2      M2= 115635.0      M3=-100579.2
                             (R-2)      M1= 122507.8      M2= 115408.6      M3= -98498.2
                             (BR )      M1=   1523.7      M2=   2241.7      M3= -16587.6

IH0900I EXECUTION TERMINATING DUE TO ERROR COUNT FOR ERROR NUMBER  217

IH0217I FIOCS - END OF DATA SET ON UNIT    5

TRACEBACK  ROUTINE  CALLED FROM ISN   REG.  14   REG.  15   REG.   0   REG.   1

           IBCOM                      000E533C   000FA7BC   00000000   000E45C8

           LODCOD            0032     520E65C6   000E3F48   00000003   000E6164

           TIEUP             0414     520E3754   000E60F0   FFFFFFFF   000E186C

           MAIN                       0001F708   000E10D0   006BCCB0   000D4FF8

ENTRY POINT=  000E10D0
```

SUMMARY OF ERRORS FOR THIS JOB	ERROR NUMBER	NUMBER OF ERRORS
	217	1
	208	511 OR OVER