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 AUTH. NAME AUTHOR AFFILIATION  
 CRANE, P.A. Pacific Gas & Electric Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 MIRAGLIA, F.J. Licensing Branch 3

SUBJECT: Forwards computer printout of input & output data for vertical seismic analysis of annulus structure as described in 1979 URS/Blume rept, in response to 820413 ltr.

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# PACIFIC GAS AND ELECTRIC COMPANY

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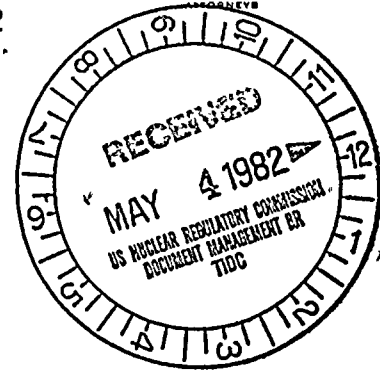
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April 26, 1982



Mr. Frank J. Miraglia, Jr., Chief  
Licensing Branch No. 3  
Division of Licensing  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Re: Docket No. 50-275  
Docket No. 50-323  
Diablo Canyon Units 1 and 2

Dear Mr. Miraglia:

In response to your letter of April 13, 1982 to Mr. M. H. Furbush, we are attaching a computer printout of the input and output data for the vertical seismic analysis of the Diablo Canyon annulus structure as described in the 1979 URS/Blume Report. This data includes the boundary conditions defined by node boundary condition codes and beam end codes. You will note that the material is labeled in a self-explanatory manner and conventional designations are used. The information includes:

- |   |            |
|---|------------|
| 1. Nodal Point Data                         | Page 1     |
| 2. Material and Beam Geometric Properties   | Page 2     |
| 3. Beam Data                                | Page 3-4   |
| 4. Nodal Masses                             | Page 5     |
| 5. Frequencies of Vibration                 | Page 6     |
| 6. Mode Shapes                              | Page 7-22  |
| 7. Participation Factors                    | Page 23    |
| 8. Input Parameters for Spectra Calculation | Page 24    |
| 9. Spectra Output                           | Page 25-68 |

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Main body of the document containing faint, illegible text and scattered black specks.

Mr. Frank J. Miraglia, Jr.

-2-

April 26, 1982

In addition, to address your specific concern regarding the boundary conditions, we have comments on the structural steel member end conditions used in the URS/Blume 1977 analysis of the annulus structure, which were documented in the 1979 URS/Blume Containment Structure report. In reference to Figure 10 and Page 11 of that report, for each of five conceptual frames of the mathematical model used in the analysis, the connection of the annulus steel beam to the containment crane wall at elevation 140 feet was modeled as a pin connection. All other member end conditions in the model were modeled as moment resisting connections.

Very truly yours,

Philip A. Greene

Attachment

cc (w/attach.): P. T. Kuo, NRC  
R. Reich, BNL  
Service List

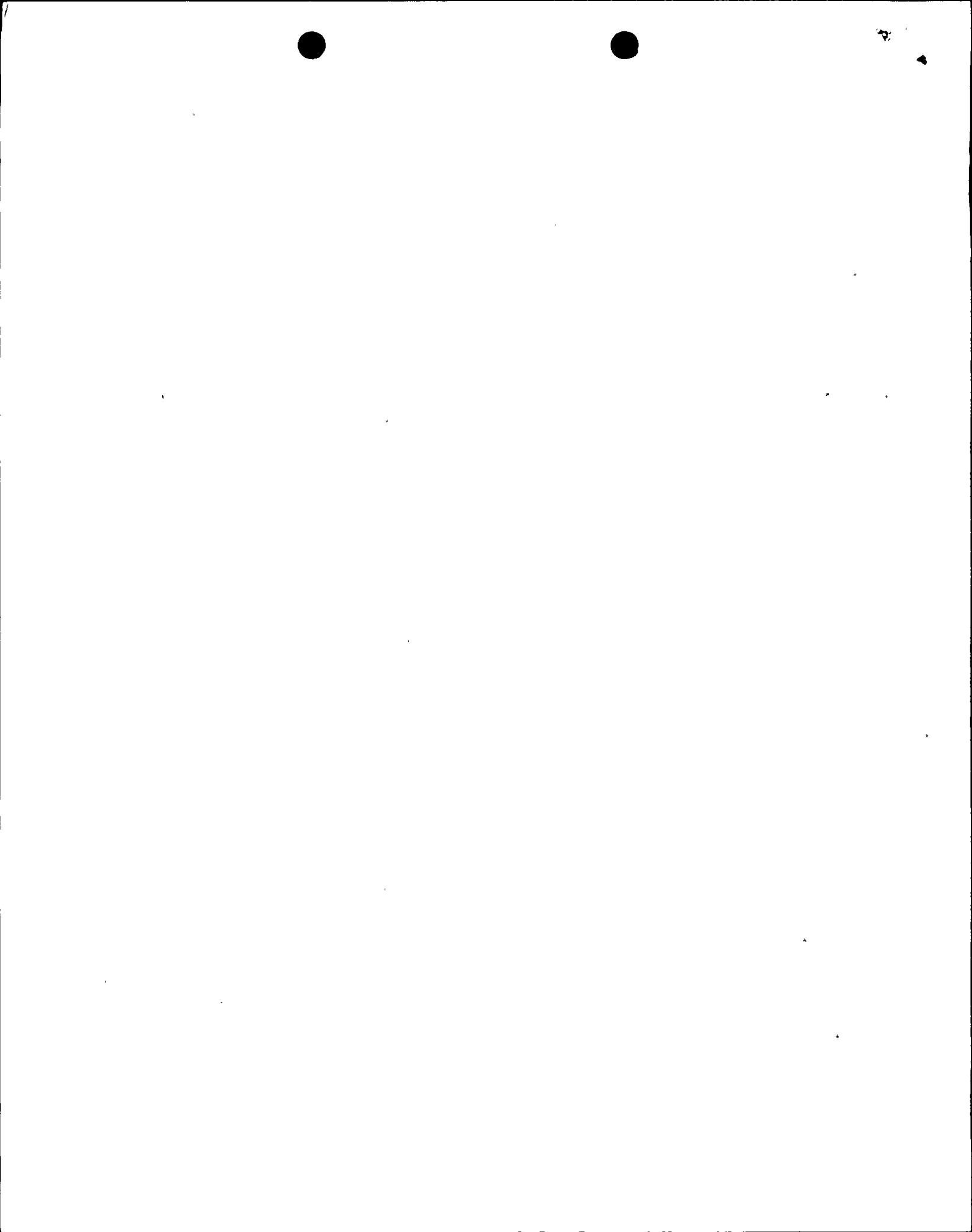
cc (w/o attach.): M. H. Furbush  
D. Lang, URS/Blume



NODAL POINT INPUT DATA

NODE NUMBER	BOUNDARY CONDITION CODES						NODAL POINT COORDINATES		
	X	Y	Z	XX	YY	ZZ	X	Y	Z
1	1	1	1	1	1	1	0.000	0.000	0.000
2	1	1	1	1	1	1	16.000	0.000	0.000
3	1	1	1	1	1	1	16.000	0.000	0.000
4	1	1	1	1	1	1	16.000	0.000	0.000
5	1	1	1	1	1	1	16.000	0.000	0.000
6	1	1	1	1	1	1	16.000	0.000	0.000
7	1	0	1	1	1	1	0.000	10.000	0.000
8	1	0	1	1	1	0	8.000	10.000	0.000
9	1	0	1	1	1	0	8.000	10.000	0.000
10	1	0	1	1	1	0	8.000	10.000	0.000
11	1	0	1	1	1	0	8.000	10.000	0.000
12	1	0	1	1	1	0	8.000	10.000	0.000
13	1	0	1	1	1	0	16.000	10.000	0.000
14	1	0	1	1	1	0	16.000	10.000	0.000
15	1	0	1	1	1	0	16.000	10.000	0.000
16	1	0	1	1	1	0	16.000	10.000	0.000
17	1	0	1	1	1	0	16.000	10.000	0.000
18	1	0	1	1	1	1	0.000	16.000	0.000
19	1	0	1	1	1	0	8.000	16.000	0.000
20	1	0	1	1	1	0	8.000	16.000	0.000
21	1	0	1	1	1	0	8.000	16.000	0.000
22	1	0	1	1	1	0	8.000	16.000	0.000
23	1	0	1	1	1	0	8.000	16.000	0.000
24	1	0	1	1	1	0	16.000	16.000	0.000
25	1	0	1	1	1	0	16.000	16.000	0.000
26	1	0	1	1	1	0	16.000	16.000	0.000
27	1	0	1	1	1	0	16.000	16.000	0.000
28	1	0	1	1	1	0	16.000	16.000	0.000
29	1	0	1	1	1	1	0.000	26.000	0.000
30	1	0	1	1	1	0	8.000	26.000	0.000
31	1	0	1	1	1	0	8.000	26.000	0.000

32	1	0	1	1	1	0	8.000	26.000	0.000
33	1	0	1	1	1	0	8.000	26.000	0.000
34	1	0	1	1	1	0	8.000	26.000	0.000
35	1	0	1	1	1	0	16.000	26.000	0.000
36	1	0	1	1	1	0	16.000	26.000	0.000
37	1	0	1	1	1	0	16.000	26.000	0.000
38	1	0	1	1	1	0	16.000	26.000	0.000
39	1	0	1	1	1	0	16.000	26.000	0.000
40	1	0	1	1	1	1	0.000	47.500	0.000
41	1	0	1	1	1	0	8.000	47.500	0.000
42	1	0	1	1	1	0	8.000	47.500	0.000
43	1	0	1	1	1	0	8.000	47.500	0.000
44	1	0	1	1	1	0	8.000	47.500	0.000
45	1	0	1	1	1	0	8.000	47.500	0.000
46	1	0	1	1	1	0	16.000	47.500	0.000
47	1	0	1	1	1	0	16.000	47.500	0.000
48	1	0	1	1	1	0	16.000	47.500	0.000
49	1	0	1	1	1	0	16.000	47.500	0.000
50	1	0	1	1	1	0	16.000	47.500	0.000
51	1	0	1	1	1	1	0.000	21.500	0.000





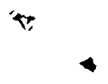
MATERIAL PROPERTIES

MATERIAL NUMBER	YOUNG'S MODULUS	POISSON'S RATIO	MASS DENSITY	WEIGHT DENSITY
1	.4180E+07	.3000	0.	0.
2	.6540E+06	.2500	0.	0.

BEAM GEOMETRIC PROPERTIES

SECTION NUMBER	AXIAL AREA A(1)	SHEAR AREA A(2)	SHEAR AREA A(3)	TORSION J(1)	INERTIA I(2)	INERTIA I(3)
1	.1714E+04	0.	0.	.1000E+07	.1000E+07	.1000E+07
2	.1905E+04	0.	0.	.1000E+07	.1000E+07	.1000E+07
3	.6000E+00	0.	0.	.1000E+07	.1000E+07	.1200E+00
4	.4000E+00	0.	0.	.1000E+07	.1000E+07	.8000E-01
5	.8000E+00	0.	0.	.1000E+07	.1000E+07	.1700E+00
6	.1200E+01	0.	0.	.1000E+07	.1000E+07	.2500E+00
7	.3900E+00	0.	0.	.1000E+07	.1000E+07	.8000E-01
8	.2600E+00	0.	0.	.1000E+07	.1000E+07	.5000E-01
9	.5200E+00	0.	0.	.1000E+07	.1000E+07	.1000E+00
10	.7800E+00	0.	0.	.1000E+07	.1000E+07	.1500E+00
11	.3000E+00	0.	0.	.1000E+07	.1000E+07	.8000E-01
12	.1800E+00	0.	0.	.1000E+07	.1000E+07	.4000E-01
13	.2100E+00	0.	0.	.1000E+07	.1000E+07	.5000E-01
14	.2800E+00	0.	0.	.1000E+07	.1000E+07	.6000E-01
15	.3200E+00	0.	0.	.1000E+07	.1000E+07	.6000E-01
16	.1500E+00	0.	0.	.1000E+07	.1000E+07	.4000E-01
17	.3000E+00	0.	0.	.1000E+07	.1000E+07	.8000E-01
18	.1200E+00	0.	0.	.1000E+07	.1000E+07	.3000E-01
19	.3000E+00	0.	0.	.1000E+07	.1000E+07	.7000E-01
20	.4600E+00	0.	0.	.1000E+07	.1000E+07	.1000E+00
21	.1167E+03	0.	0.	.1000E+07	.1000E+07	.2178E+02
22	.7020E+02	0.	0.	.1000E+07	.1000E+07	.1310E+02
23	.7427E+02	0.	0.	.1000E+07	.1000E+07	.1386E+02
24	.6867E+02	0.	0.	.1000E+07	.1000E+07	.1282E+02
25	.1070E+03	0.	0.	.1000E+07	.1000E+07	.1997E+02
26	.6000E+00	0.	0.	.1000E+07	.1000E+07	.3000E+00
27	.4000E+00	0.	0.	.1000E+07	.1000E+07	.2000E+00
28	.8000E+00	0.	0.	.1000E+07	.1000E+07	.4000E+00
29	.1200E+01	0.	0.	.1000E+07	.1000E+07	.6000E+00

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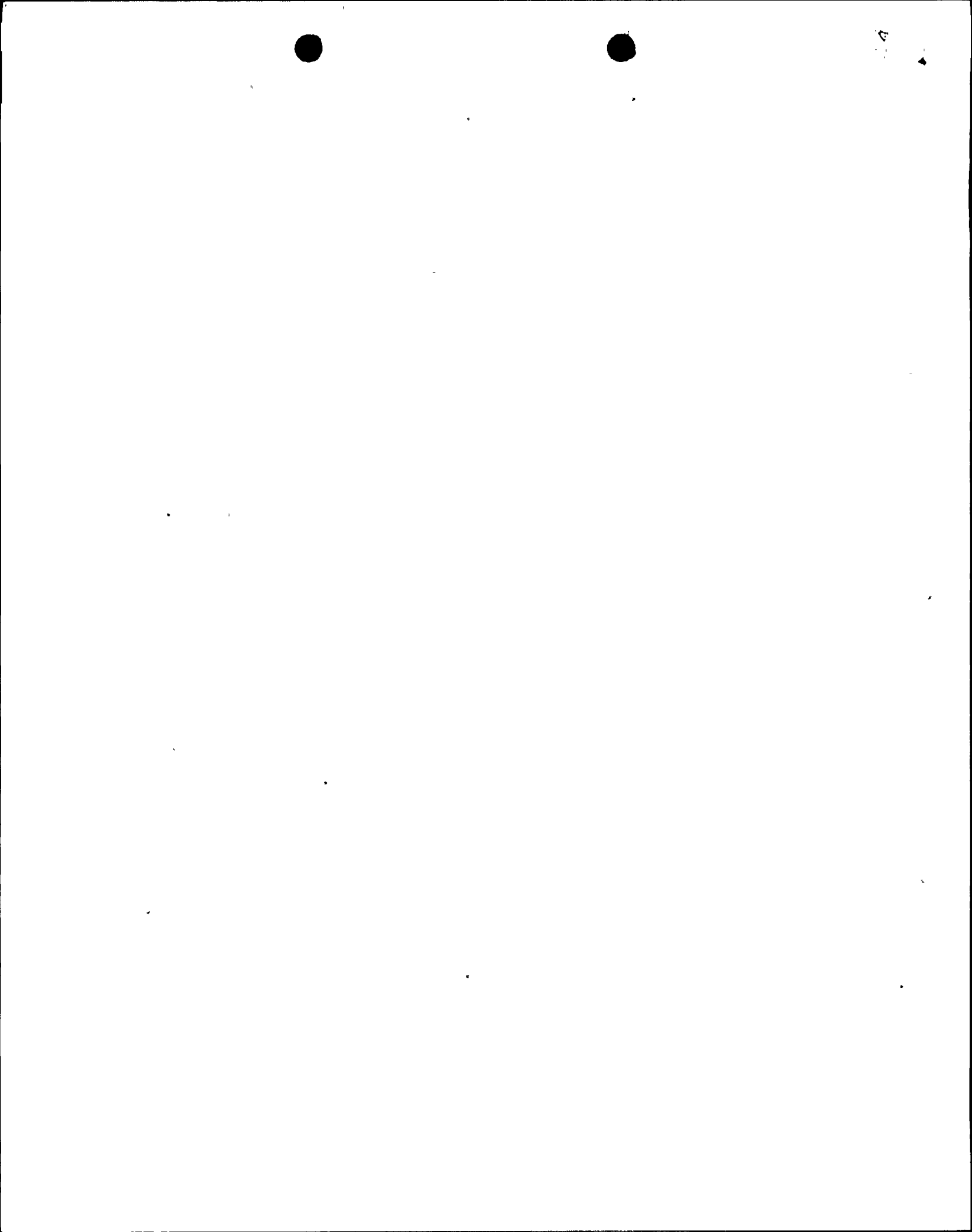


BEAM NUMBER	NODE -I	NODE -J	NODE -K	MATERIAL NUMBER	SECTION NUMBER	ELEMENT END LOADS				END CODES		BAND
						A	B	C	D	-I	-J	
1	1	7	2	2	1	0	0	0	0	0	0	1
2	2	13	1	1	3	0	0	0	0	0	0	2
3	3	14	1	1	4	0	0	0	0	0	0	2
4	4	15	1	1	5	0	0	0	0	0	0	2
5	5	16	1	1	6	0	0	0	0	0	0	2
6	6	17	1	1	3	0	0	0	0	0	0	2
7	7	18	2	2	1	0	0	0	0	0	0	22
8	13	24	1	1	3	0	0	0	0	0	0	23
9	14	25	1	1	4	0	0	0	0	0	0	23
10	15	26	1	1	5	0	0	0	0	0	0	23
11	16	27	1	1	6	0	0	0	0	0	0	23
12	17	28	1	1	3	0	0	0	0	0	0	23
13	18	51	2	2	1	0	0	0	0	0	0	64
14	24	35	1	1	3	0	0	0	0	0	0	23
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33	7	12	6	1	11	0	0	0	0	0	0	11
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38	20	25	3	1	18	0	0	0	0	0	0	12
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42	22	27	5	1	20	0	0	0	0	0	0	12
43	18	23	6	1	20	0	0	0	0	0	0	11
44	23	28	6	1	20	0	0	0	0	0	0	12
45	29	30	2	1	26	0	0	0	0	0	0	3



46	30	35	2	1	26	0	0	0	0	0	0	12
47	29	31	3	1	27	0	0	0	0	0	0	5
48	31	36	3	1	27	0	0	0	0	0	0	12
49	29	32	4	1	28	0	0	0	0	0	0	7
50	32	37	4	1	28	0	0	0	0	0	0	12
51	29	33	5	1	29	0	0	0	0	0	0	9
52	33	38	5	1	29	0	0	0	0	0	0	12
53	29	34	6	1	26	0	0	0	0	0	0	11
54	34	39	6	1	26	0	0	0	0	0	0	12
55	40	41	2	2	22	0	0	0	0	1	0	3
56	41	46	2	2	22	0	0	0	0	0	0	12
57	40	42	3	2	23	0	0	0	0	1	0	5

58	42	47	3	2	23	0	0	0	0	0	0	12
59	40	43	4	2	24	0	0	0	0	1	0	7
60	43	48	4	2	24	0	0	0	0	0	0	12
61	40	44	5	2	25	0	0	0	0	1	0	9
62	44	49	5	2	25	0	0	0	0	0	0	12
63	40	45	6	2	21	0	0	0	0	1	0	11
64	45	50	6	2	21	0	0	0	0	0	0	12
65	51	29	2	2	2	0	0	0	0	0	0	43



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

NODE NUMBER	LOAD CASE	X-AXIS FORCE	Y-AXIS FORCE	Z-AXIS FORCE	X-AXIS MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
8	0	0.	.29000E+00	0.	0.	0.	0.
9	0	0.	.29000E+00	0.	0.	0.	0.
10	0	0.	.28000E+00	0.	0.	0.	0.
11	0	0.	.36000E+00	0.	0.	0.	0.
12	0	0.	.30000E+00	0.	0.	0.	0.
19	0	0.	.63000E+00	0.	0.	0.	0.
20	0	0.	.35000E+00	0.	0.	0.	0.
21	0	0.	.31000E+00	0.	0.	0.	0.
22	0	0.	.69000E+00	0.	0.	0.	0.
23	0	0.	.70000E+00	0.	0.	0.	0.
30	0	0.	.12500E+01	0.	0.	0.	0.
31	0	0.	.10700E+01	0.	0.	0.	0.
32	0	0.	.13400E+01	0.	0.	0.	0.
33	0	0.	.15500E+01	0.	0.	0.	0.
34	0	0.	.15000E+01	0.	0.	0.	0.
40	0	0.	.50071E+03	0.	0.	0.	0.
41	0	0.	.87200E+01	0.	0.	0.	0.
42	0	0.	.79500E+01	0.	0.	0.	0.
43	0	0.	.91800E+01	0.	0.	0.	0.
44	0	0.	.10490E+02	0.	0.	0.	0.
45	0	0.	.10550E+02	0.	0.	0.	0.
51	0	0.	.37588E+03	0.	0.	0.	0.

STRUCTURE LOAD CASE	ELEMENT		LOAD	MULTIPLIERS	
	A	B		C	D
1	0.000	0.000	0.000	0.000	0.000

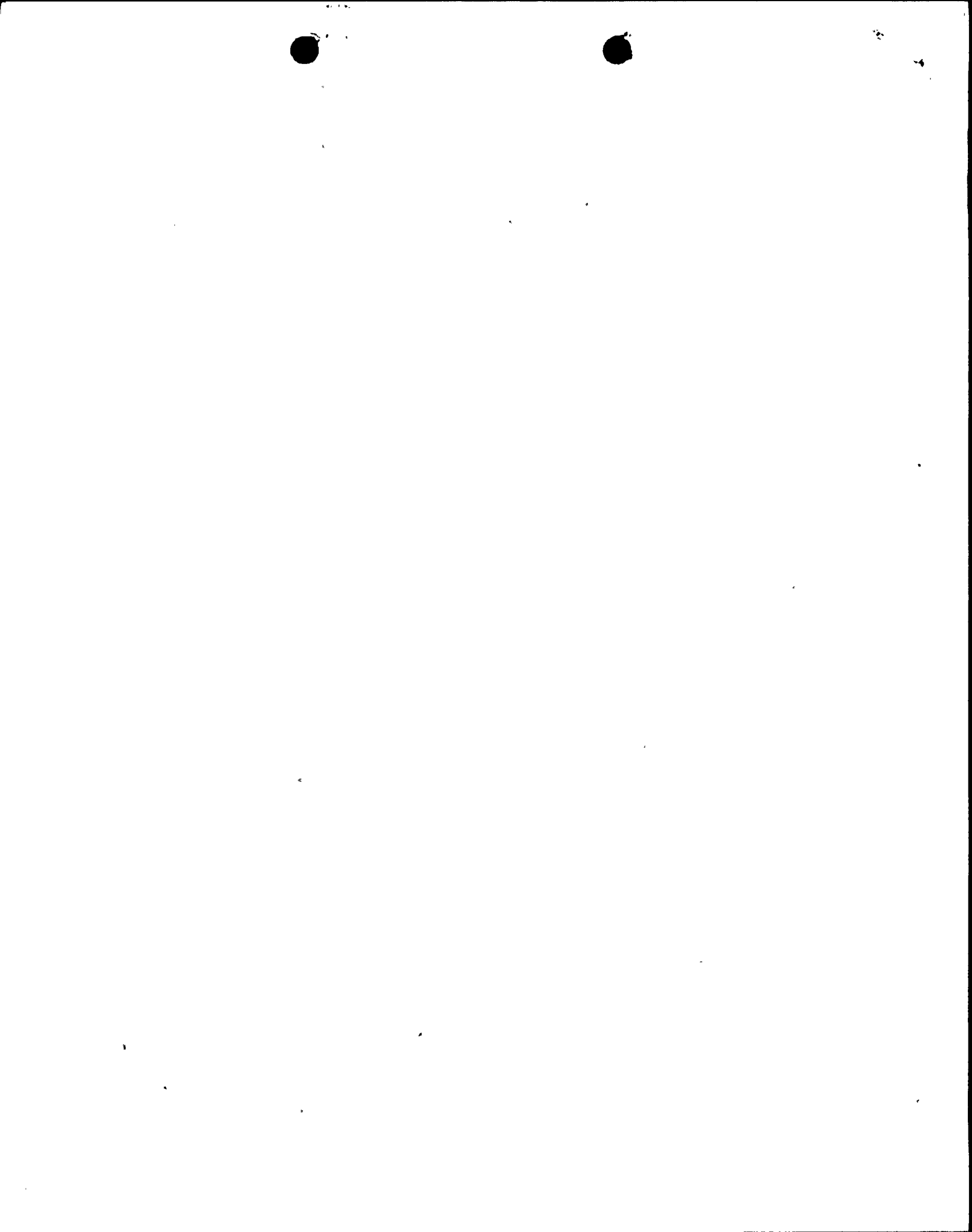






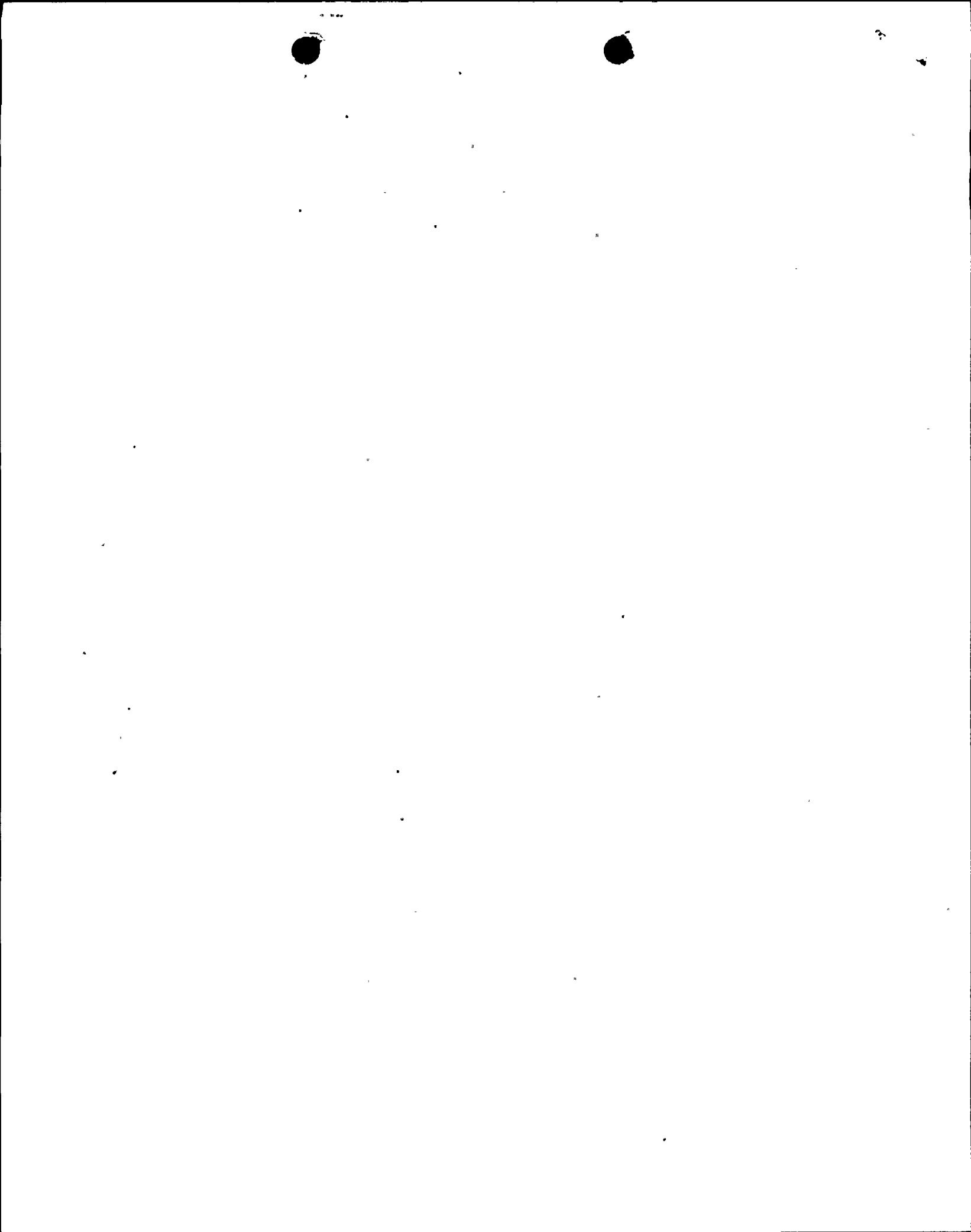
MODE NUMBER	CIRCULAR FREQUENCY (RAD/SEC)	FREQUENCY (CYCLES/SEC)	PERIOD (SEC)
1	.8296E+02	.1320E+02	.7574E-01
2	.8520E+02	.1356E+02	.7375E-01
3	.8675E+02	.1381E+02	.7243E-01
4	.8904E+02	.1417E+02	.7057E-01
5	.1006E+03	.1601E+02	.6245E-01
6	.1025E+03	.1631E+02	.6132E-01
7	.1248E+03	.1986E+02	.5036E-01
8	.1481E+03	.2357E+02	.4243E-01
9	.1564E+03	.2489E+02	.4017E-01
10	.1593E+03	.2535E+02	.3945E-01
11	.1617E+03	.2573E+02	.3886E-01
12	.1621E+03	.2580E+02	.3876E-01
13	.1742E+03	.2773E+02	.3607E-01
14	.1765E+03	.2809E+02	.3561E-01
15	.1771E+03	.2819E+02	.3547E-01
16	.1956E+03	.3113E+02	.3212E-01
17	.1993E+03	.3172E+02	.3152E-01
18	.2018E+03	.3212E+02	.3113E-01

PRINT OF EIGENVECTORS



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

NODE NUMBER	EIGEN-VECTOR	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	RO
51	1	0.	.24979E-03	0.	0.	0.
	2	0.	.27337E-03	0.	0.	0.
	3	0.	.27964E-03	0.	0.	0.
	4	0.	.32600E-03	0.	0.	0.
	5	0.	.43780E-03	0.	0.	0.
	6	0.	-.70193E-05	0.	0.	0.
	7	0.	-.50684E-04	0.	0.	0.
	8	0.	.14924E-03	0.	0.	0.
	9	0.	-.47542E-03	0.	0.	0.
	10	0.	-.16445E-03	0.	0.	0.
	11	0.	-.24514E-03	0.	0.	0.
	12	0.	.62812E-03	0.	0.	0.
	13	0.	.83884E-04	0.	0.	0.
	14	0.	.28201E-03	0.	0.	0.
	15	0.	.10722E-02	0.	0.	0.
	16	0.	.32974E-02	0.	0.	0.
	17	0.	-.41899E-02	0.	0.	0.
	18	0.	-.30645E-02	0.	0.	0.
50	1	0.	.16663E-02	0.	0.	0.
	2	0.	.29835E-02	0.	0.	0.
	3	0.	.52346E-02	0.	0.	0.
	4	0.	.30292E+00	0.	0.	0.
	5	0.	-.19538E-02	0.	0.	0.
	6	0.	.30581E-01	0.	0.	0.
	7	0.	.33228E-04	0.	0.	0.
	8	0.	-.10647E-03	0.	0.	0.
	9	0.	.28250E-03	0.	0.	0.
	10	0.	.29913E-04	0.	0.	0.
	11	0.	-.91294E-03	0.	0.	0.
	12	0.	.42338E-01	0.	0.	0.
	13	0.	-.81537E-04	0.	0.	0.
	14	0.	-.31074E-03	0.	0.	0.
	15	0.	-.12560E-02	0.	0.	0.
	16	0.	-.37092E-02	0.	0.	0.
	17	0.	.47436E-02	0.	0.	0.
	18	0.	.34332E-02	0.	0.	0.
49	1	0.	.35015E-03	0.	0.	0.
	2	0.	.45504E-03	0.	0.	0.
	3	0.	.53230E-03	0.	0.	0.
	4	0.	.75504E-03	0.	0.	0.
	5	0.	.19481E+00	0.	0.	0.
	6	0.	-.44179E-03	0.	0.	0.
	7	0.	.28807E-04	0.	0.	0.
	8	0.	-.80690E-04	0.	0.	0.
	9	0.	.27534E-03	0.	0.	0.
	10	0.	.72196E-04	0.	0.	0.
	11	0.	-.14750E-01	0.	0.	0.
	12	0.	-.77027E-03	0.	0.	0.
	13	0.	-.30109E-04	0.	0.	0.
	14	0.	.11564E-01	0.	0.	0.
	15	0.	-.89235E-03	0.	0.	0.
	16	0.	-.17313E-02	0.	0.	0.
	17	0.	.20844E-02	0.	0.	0.
	18	0.	.14315E-02	0.	0.	0.



48

1	0.	.16524E-02	0.	0.	0.
2	0.	.45070E-02	0.	0.	0.
3	0.	.20301E+00	0.	0.	0.
4	0.	-.39743E-02	0.	0.	0.
5	0.	-.10257E-02	0.	0.	0.
6	0.	-.52574E-04	0.	0.	0.
7	0.	.17109E-04	0.	0.	0.
8	0.	-.58642E-04	0.	0.	0.
9	0.	.20873E-03	0.	0.	0.
10	0.	.64573E-04	0.	0.	0.
11	0.	.87099E-04	0.	0.	0.
12	0.	-.25535E-03	0.	0.	0.
13	0.	-.18835E-04	0.	0.	0.
14	0.	-.75531E-04	0.	0.	0.
15	0.	-.31077E-03	0.	0.	0.
16	0.	.71372E-01	0.	0.	0.
17	0.	-.50582E-01	0.	0.	0.
18	0.	-.26583E-01	0.	0.	0.

47

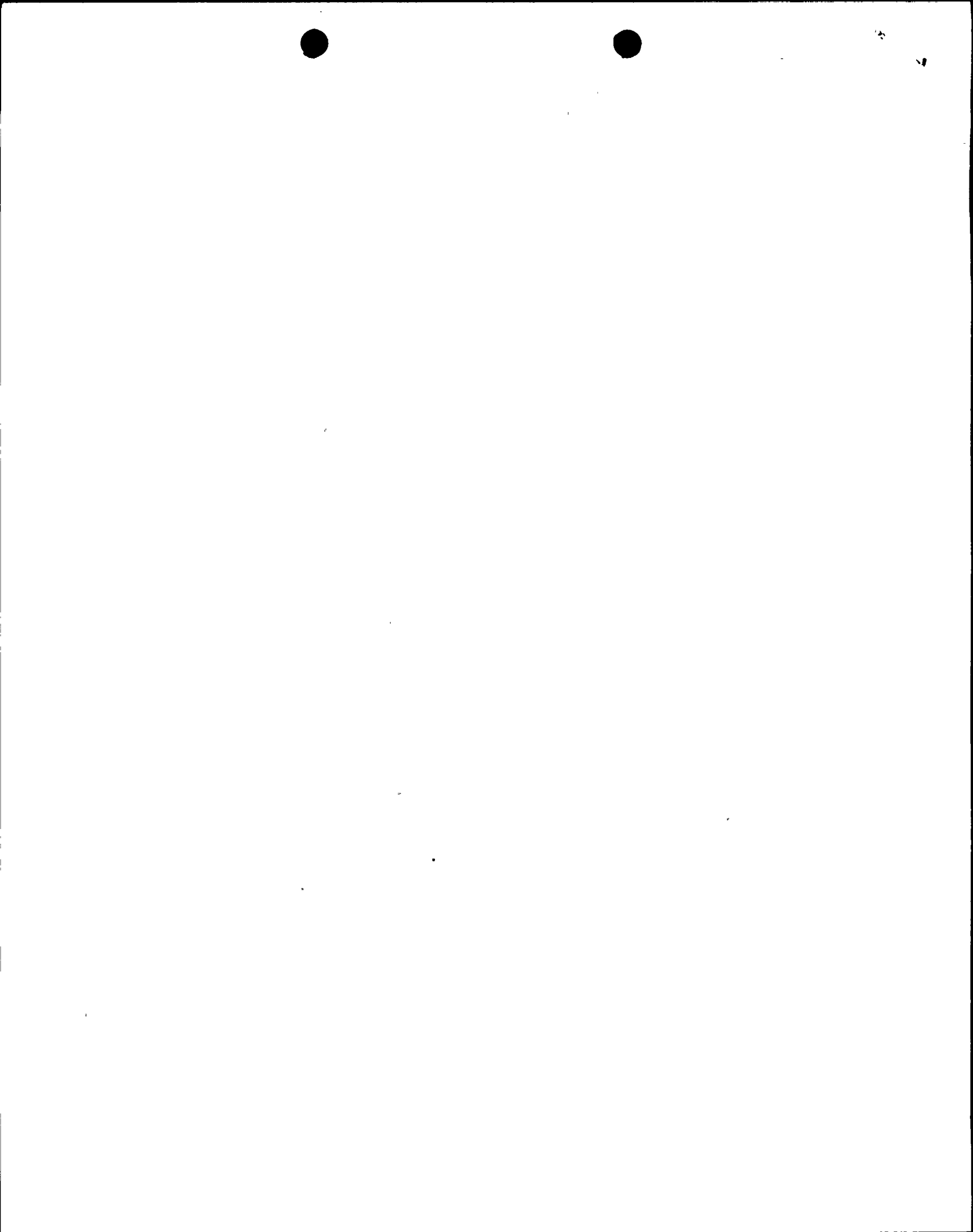
1	0.	.34304E+00	0.	0.	0.
2	0.	-.53004E-02	0.	0.	0.
3	0.	-.32739E-02	0.	0.	0.
4	0.	-.24155E-02	0.	0.	0.
5	0.	-.13255E-02	0.	0.	0.
6	0.	-.68278E-04	0.	0.	0.
7	0.	-.42216E-02	0.	0.	0.
8	0.	-.75901E-04	0.	0.	0.
9	0.	-.56482E-01	0.	0.	0.
10	0.	.28071E-03	0.	0.	0.
11	0.	.30700E-03	0.	0.	0.
12	0.	-.85680E-03	0.	0.	0.
13	0.	.94699E-02	0.	0.	0.
14	0.	-.29691E-03	0.	0.	0.
15	0.	-.11717E-02	0.	0.	0.
16	0.	-.35308E-02	0.	0.	0.
17	0.	.45264E-02	0.	0.	0.
18	0.	.32868E-02	0.	0.	0.

46

1	0.	.34474E-02	0.	0.	0.
2	0.	.25374E+00	0.	0.	0.
3	0.	-.61524E-02	0.	0.	0.
4	0.	-.29112E-02	0.	0.	0.
5	0.	-.11453E-02	0.	0.	0.
6	0.	-.58896E-04	0.	0.	0.
7	0.	.20185E-04	0.	0.	0.
8	0.	.20095E-01	0.	0.	0.
9	0.	.21704E-03	0.	0.	0.
10	0.	-.18871E-01	0.	0.	0.
11	0.	.13258E-03	0.	0.	0.
12	0.	-.33730E-03	0.	0.	0.
13	0.	.50805E-04	0.	0.	0.
14	0.	.14301E-02	0.	0.	0.
15	0.	.77945E-01	0.	0.	0.
16	0.	-.34329E-02	0.	0.	0.
17	0.	.42388E-02	0.	0.	0.
18	0.	.30201E-02	0.	0.	0.

45

1	0.	.19035E-02	0.	0.	0.
2	0.	.32437E-02	0.	0.	0.
3	0.	.55022E-02	0.	0.	0.
4	0.	.30326E+00	0.	0.	0.
5	0.	-.15191E-02	0.	0.	0.
6	0.	.44101E-01	0.	0.	0.



7	0.	.20267E-04	0.	0.	0.
8	0.	-.62135E-04	0.	0.	0.
9	0.	.28546E-03	0.	0.	0.
10	0.	.12963E-03	0.	0.	0.
11	0.	.80155E-03	0.	0.	0.
12	0.	-.28138E-01	0.	0.	0.
13	0.	-.10017E-04	0.	0.	0.
14	0.	-.45167E-04	0.	0.	0.
15	0.	-.18818E-03	0.	0.	0.
16	0.	-.63333E-03	0.	0.	0.
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18	0.	.57645E-03	0.	0.	0.

44

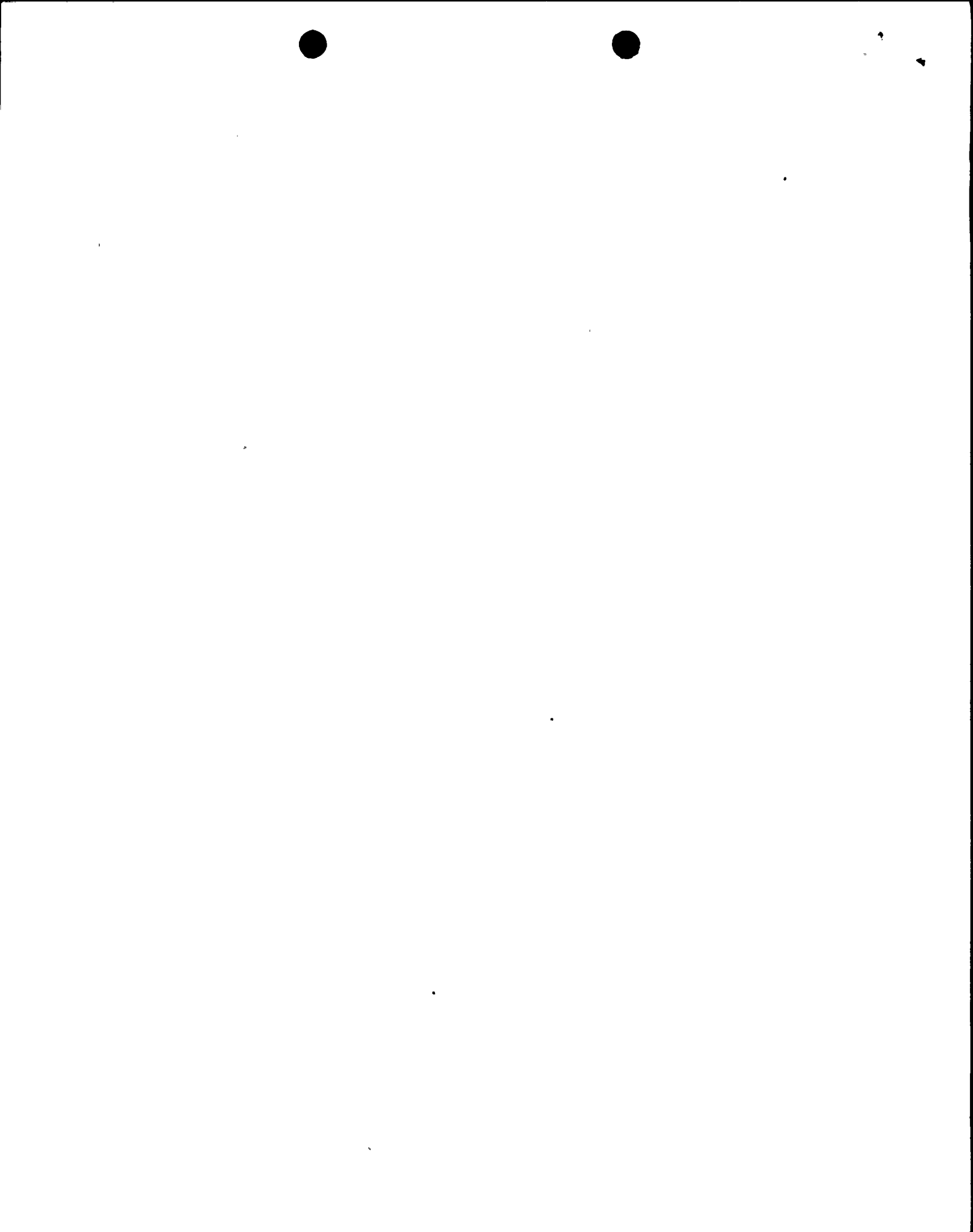
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4	0.	.14825E-02	0.	0.	0.
5	0.	.30807E+00	0.	0.	0.
6	0.	-.67358E-03	0.	0.	0.
7	0.	.34438E-04	0.	0.	0.
8	0.	-.77089E-04	0.	0.	0.
9	0.	.25767E-03	0.	0.	0.
10	0.	.91013E-04	0.	0.	0.
11	0.	.11068E-01	0.	0.	0.
12	0.	-.54828E-06	0.	0.	0.
13	0.	-.31123E-04	0.	0.	0.
14	0.	-.54538E-02	0.	0.	0.
15	0.	-.29947E-03	0.	0.	0.
16	0.	-.11304E-02	0.	0.	0.
17	0.	.14318E-02	0.	0.	0.
18	0.	.10324E-02	0.	0.	0.

43

1	0.	.29030E-02	0.	0.	0.
2	0.	.75529E-02	0.	0.	0.
3	0.	.32943E+00	0.	0.	0.
4	0.	-.61580E-02	0.	0.	0.
5	0.	-.12803E-02	0.	0.	0.
6	0.	-.61187E-04	0.	0.	0.
7	0.	.17415E-04	0.	0.	0.
8	0.	-.46697E-04	0.	0.	0.
9	0.	.15836E-03	0.	0.	0.
10	0.	.49999E-04	0.	0.	0.
11	0.	.69276E-04	0.	0.	0.
12	0.	-.19767E-03	0.	0.	0.
13	0.	-.21085E-04	0.	0.	0.
14	0.	-.80939E-04	0.	0.	0.
15	0.	-.32625E-03	0.	0.	0.
16	0.	-.13231E-01	0.	0.	0.
17	0.	.93572E-02	0.	0.	0.
18	0.	.65020E-02	0.	0.	0.

42

1	0.	.35286E+00	0.	0.	0.
2	0.	-.51915E-02	0.	0.	0.
3	0.	-.31016E-02	0.	0.	0.
4	0.	-.21821E-02	0.	0.	0.
5	0.	-.95984E-03	0.	0.	0.
6	0.	-.45261E-04	0.	0.	0.
7	0.	.17039E-01	0.	0.	0.
8	0.	-.59728E-04	0.	0.	0.
9	0.	.30191E-01	0.	0.	0.
10	0.	-.33483E-04	0.	0.	0.
11	0.	-.19399E-05	0.	0.	0.
12	0.	-.91842E-05	0.	0.	0.





13	0.	-.42274E-02	0.	0.	0.
14	0.	-.36936E-04	0.	0.	0.
15	0.	-.16551E-03	0.	0.	0.
16	0.	-.52852E-03	0.	0.	0.
17	0.	.66766E-03	0.	0.	0.
18	0.	.47790E-03	0.	0.	0.

41	1	0.	.48101E-02	0.	0.	0.
	2	0.	.33754E+00	0.	0.	0.
	3	0.	-.79228E-02	0.	0.	0.
	4	0.	-.35786E-02	0.	0.	0.
	5	0.	-.11337E-02	0.	0.	0.
	6	0.	-.53653E-04	0.	0.	0.
	7	0.	.17971E-04	0.	0.	0.
	8	0.	-.12820E-01	0.	0.	0.
	9	0.	.17341E-03	0.	0.	0.
	10	0.	.79968E-02	0.	0.	0.
	11	0.	.58383E-04	0.	0.	0.
	12	0.	-.18618E-03	0.	0.	0.
	13	0.	-.41346E-04	0.	0.	0.
	14	0.	-.47352E-03	0.	0.	0.
	15	0.	-.20161E-01	0.	0.	0.
	16	0.	-.46138E-03	0.	0.	0.
	17	0.	.61224E-03	0.	0.	0.
	18	0.	.44810E-03	0.	0.	0.

40	1	0.	.49537E-03	0.	0.	0.
	2	0.	.54308E-03	0.	0.	0.
	3	0.	.55801E-03	0.	0.	0.
	4	0.	.63845E-03	0.	0.	0.
	5	0.	.86445E-03	0.	0.	0.
	6	0.	.49038E-04	0.	0.	0.
	7	0.	-.33170E-04	0.	0.	0.
	8	0.	.15848E-03	0.	0.	0.
	9	0.	-.62526E-03	0.	0.	0.
	10	0.	-.20469E-03	0.	0.	0.
	11	0.	-.29179E-03	0.	0.	0.
	12	0.	.84505E-03	0.	0.	0.
	13	0.	.98672E-04	0.	0.	0.
	14	0.	.39497E-03	0.	0.	0.
	15	0.	.16144E-02	0.	0.	0.
	16	0.	.55130E-02	0.	0.	0.
	17	0.	-.71808E-02	0.	0.	0.
	18	0.	-.52611E-02	0.	0.	0.

39	1	0.	.75096E-03	0.	0.	0.
	2	0.	.13400E-02	0.	0.	0.
	3	0.	.23455E-02	0.	0.	0.
	4	0.	.13530E+00	0.	0.	0.
	5	0.	-.88599E-03	0.	0.	0.
	6	0.	-.19772E-02	0.	0.	0.
	7	0.	.11503E-04	0.	0.	0.
	8	0.	-.13171E-04	0.	0.	0.
	9	0.	-.19201E-03	0.	0.	0.
	10	0.	-.19203E-03	0.	0.	0.
	11	0.	-.23119E-02	0.	0.	0.
	12	0.	.91562E-01	0.	0.	0.
	13	0.	-.59924E-04	0.	0.	0.
	14	0.	-.21171E-03	0.	0.	0.
	15	0.	-.84104E-03	0.	0.	0.
	16	0.	-.20259E-02	0.	0.	0.
	17	0.	.25327E-02	0.	0.	0.
	18	0.	.18038E-02	0.	0.	0.



38

1	0.	.16094E-03	0.	0.	0.
2	0.	.20793E-03	0.	0.	0.
3	0.	.24225E-03	0.	0.	0.
4	0.	.34185E-03	0.	0.	0.
5	0.	.85785E-01	0.	0.	0.
6	0.	-.19471E-03	0.	0.	0.
7	0.	.10228E-04	0.	0.	0.
8	0.	-.22269E-04	0.	0.	0.
9	0.	.57502E-04	0.	0.	0.
10	0.	-.79536E-05	0.	0.	0.
11	0.	-.25172E-01	0.	0.	0.
12	0.	-.78220E-03	0.	0.	0.
13	0.	.23392E-05	0.	0.	0.
14	0.	.17507E-01	0.	0.	0.
15	0.	-.57295E-03	0.	0.	0.
16	0.	-.25441E-03	0.	0.	0.
17	0.	.14426E-03	0.	0.	0.
18	0.	-.15614E-05	0.	0.	0.

37

1	0.	.73310E-03	0.	0.	0.
2	0.	.19875E-02	0.	0.	0.
3	0.	.89149E-01	0.	0.	0.
4	0.	-.17345E-02	0.	0.	0.
5	0.	-.43374E-03	0.	0.	0.
6	0.	-.23217E-04	0.	0.	0.
7	0.	.48423E-05	0.	0.	0.
8	0.	-.12460E-04	0.	0.	0.
9	0.	.34334E-04	0.	0.	0.
10	0.	.75157E-05	0.	0.	0.
11	0.	.56809E-05	0.	0.	0.
12	0.	-.21924E-04	0.	0.	0.
13	0.	.98254E-05	0.	0.	0.
14	0.	.37228E-04	0.	0.	0.
15	0.	.14690E-03	0.	0.	0.
16	0.	.92940E-01	0.	0.	0.
17	0.	-.66325E-01	0.	0.	0.
18	0.	-.39363E-01	0.	0.	0.

36

1	0.	.15161E+00	0.	0.	0.
2	0.	-.23320E-02	0.	0.	0.
3	0.	-.14360E-02	0.	0.	0.
4	0.	-.10542E-02	0.	0.	0.
5	0.	-.56303E-03	0.	0.	0.
6	0.	-.30969E-04	0.	0.	0.
7	0.	-.25553E-01	0.	0.	0.
8	0.	.24987E-04	0.	0.	0.
9	0.	-.11214E+00	0.	0.	0.
10	0.	.34192E-03	0.	0.	0.
11	0.	.30696E-03	0.	0.	0.
12	0.	-.82749E-03	0.	0.	0.
13	0.	.19973E-01	0.	0.	0.
14	0.	-.20638E-03	0.	0.	0.
15	0.	-.76211E-03	0.	0.	0.
16	0.	-.19448E-02	0.	0.	0.
17	0.	.24472E-02	0.	0.	0.
18	0.	.17612E-02	0.	0.	0.

35

1	0.	.15276E-02	0.	0.	0.
2	0.	.11180E+00	0.	0.	0.
3	0.	-.27002E-02	0.	0.	0.
4	0.	-.12700E-02	0.	0.	0.
5	0.	-.48395E-03	0.	0.	0.
6	0.	-.26421E-04	0.	0.	0.



7	0.	.41761E-05	0.	0.	0.
8	0.	.36908E-01	0.	0.	0.
9	0.	-.22909E-04	0.	0.	0.
10	0.	-.30568E-01	0.	0.	0.
11	0.	.47236E-04	0.	0.	0.
12	0.	-.62739E-04	0.	0.	0.
13	0.	.11983E-03	0.	0.	0.
14	0.	.22315E-02	0.	0.	0.
15	0.	.11211E+00	0.	0.	0.
16	0.	-.24037E-02	0.	0.	0.
17	0.	.28272E-02	0.	0.	0.
18	0.	.19628E-02	0.	0.	0.

34	1	0.	.61294E-03	0.	0.	0.
	2	0.	.94952E-03	0.	0.	0.
	3	0.	.14921E-02	0.	0.	0.
	4	0.	.72203E-01	0.	0.	0.
	5	0.	-.97270E-05	0.	0.	0.
	6	0.	.17137E-01	0.	0.	0.
	7	0.	-.55675E-04	0.	0.	0.
	8	0.	.42075E-03	0.	0.	0.
	9	0.	-.36700E-02	0.	0.	0.
	10	0.	-.23295E-02	0.	0.	0.
	11	0.	-.21334E-01	0.	0.	0.
	12	0.	.81204E+00	0.	0.	0.
	13	0.	-.25167E-03	0.	0.	0.
	14	0.	-.76667E-03	0.	0.	0.
	15	0.	-.29152E-02	0.	0.	0.
	16	0.	-.37280E-02	0.	0.	0.
	17	0.	.42139E-02	0.	0.	0.
	18	0.	.28398E-02	0.	0.	0.

33	1	0.	.26730E-03	0.	0.	0.
	2	0.	.30810E-03	0.	0.	0.
	3	0.	.32959E-03	0.	0.	0.
	4	0.	.41203E-03	0.	0.	0.
	5	0.	.38731E-01	0.	0.	0.
	6	0.	-.85246E-04	0.	0.	0.
	7	0.	-.33714E-04	0.	0.	0.
	8	0.	.13269E-03	0.	0.	0.
	9	0.	-.53242E-03	0.	0.	0.
	10	0.	-.17066E-03	0.	0.	0.
	11	0.	.78299E-02	0.	0.	0.
	12	0.	.99651E-03	0.	0.	0.
	13	0.	.12957E-03	0.	0.	0.
	14	0.	.24363E-01	0.	0.	0.
	15	0.	.11418E-02	0.	0.	0.
	16	0.	.77057E-02	0.	0.	0.
	17	0.	-.11124E-01	0.	0.	0.
	18	0.	-.88557E-02	0.	0.	0.

32	1	0.	.52867E-03	0.	0.	0.
	2	0.	.11067E-02	0.	0.	0.
	3	0.	.39802E-01	0.	0.	0.
	4	0.	-.49809E-03	0.	0.	0.
	5	0.	.19546E-03	0.	0.	0.
	6	0.	-.86004E-05	0.	0.	0.
	7	0.	-.41852E-04	0.	0.	0.
	8	0.	.18018E-03	0.	0.	0.
	9	0.	-.77519E-03	0.	0.	0.
	10	0.	-.26547E-03	0.	0.	0.
	11	0.	-.40680E-03	0.	0.	0.
	12	0.	.11733E-02	0.	0.	0.



13	0.	.19840E-03	0.	0.	0.
14	0.	.80516E-03	0.	0.	0.
15	0.	.33200E-02	0.	0.	0.
16	0.	.64770E+00	0.	0.	0.
17	0.	-.53492E+00	0.	0.	0.
18	0.	.67569E-01	0.	0.	0.

31

1	0.	.79751E-01	0.	0.	0.
2	0.	-.98171E-03	0.	0.	0.
3	0.	-.50323E-03	0.	0.	0.
4	0.	-.25686E-03	0.	0.	0.
5	0.	.14630E-03	0.	0.	0.
6	0.	-.16251E-04	0.	0.	0.
7	0.	.20711E-01	0.	0.	0.
8	0.	.69979E-03	0.	0.	0.
9	0.	-.95872E+00	0.	0.	0.
10	0.	.23592E-02	0.	0.	0.
11	0.	.18241E-02	0.	0.	0.
12	0.	-.47515E-02	0.	0.	0.
13	0.	-.91281E-01	0.	0.	0.
14	0.	-.43868E-03	0.	0.	0.
15	0.	-.19243E-02	0.	0.	0.
16	0.	-.30114E-02	0.	0.	0.
17	0.	.34503E-02	0.	0.	0.
18	0.	.23287E-02	0.	0.	0.

30

1	0.	.93704E-03	0.	0.	0.
2	0.	.53512E-01	0.	0.	0.
3	0.	-.10480E-02	0.	0.	0.
4	0.	-.32375E-03	0.	0.	0.
5	0.	.17800E-03	0.	0.	0.
6	0.	-.11206E-04	0.	0.	0.
7	0.	-.48079E-04	0.	0.	0.
8	0.	-.20036E-01	0.	0.	0.
9	0.	-.14065E-02	0.	0.	0.
10	0.	-.65957E-01	0.	0.	0.
11	0.	-.65555E-03	0.	0.	0.
12	0.	.20342E-02	0.	0.	0.
13	0.	.11962E-02	0.	0.	0.
14	0.	.18516E-01	0.	0.	0.
15	0.	.88912E+00	0.	0.	0.
16	0.	-.83648E-02	0.	0.	0.
17	0.	.87417E-02	0.	0.	0.
18	0.	.56183E-02	0.	0.	0.

29

1	0.	.29400E-03	0.	0.	0.
2	0.	.32156E-03	0.	0.	0.
3	0.	.32913E-03	0.	0.	0.
4	0.	.38235E-03	0.	0.	0.
5	0.	.51357E-03	0.	0.	0.
6	0.	.36526E-05	0.	0.	0.
7	0.	-.46606E-04	0.	0.	0.
8	0.	.14921E-03	0.	0.	0.
9	0.	-.54771E-03	0.	0.	0.
10	0.	-.17560E-03	0.	0.	0.
11	0.	-.25321E-03	0.	0.	0.
12	0.	.72420E-03	0.	0.	0.
13	0.	.81496E-04	0.	0.	0.
14	0.	.30545E-03	0.	0.	0.
15	0.	.12297E-02	0.	0.	0.
16	0.	.37414E-02	0.	0.	0.
17	0.	-.47585E-02	0.	0.	0.
18	0.	-.34371E-02	0.	0.	0.



2

2



28

1	0.	.46731E-03	0.	0.	0.
2	0.	.83403E-03	0.	0.	0.
3	0.	.14603E-02	0.	0.	0.
4	0.	.84289E-01	0.	0.	0.
5	0.	-.57289E-03	0.	0.	0.
6	0.	-.11594E-01	0.	0.	0.
7	0.	.74402E-05	0.	0.	0.
8	0.	-.80604E-05	0.	0.	0.
9	0.	-.12088E-03	0.	0.	0.
10	0.	-.12008E-03	0.	0.	0.
11	0.	-.14386E-02	0.	0.	0.
12	0.	.56953E-01	0.	0.	0.
13	0.	-.36578E-04	0.	0.	0.
14	0.	-.12992E-03	0.	0.	0.
15	0.	-.51787E-03	0.	0.	0.
16	0.	-.12304E-02	0.	0.	0.
17	0.	.15322E-02	0.	0.	0.
18	0.	.10833E-02	0.	0.	0.

27

1	0.	.99853E-04	0.	0.	0.
2	0.	.12891E-03	0.	0.	0.
3	0.	.15011E-03	0.	0.	0.
4	0.	.21169E-03	0.	0.	0.
5	0.	.52905E-01	0.	0.	0.
6	0.	-.12023E-03	0.	0.	0.
7	0.	.57505E-05	0.	0.	0.
8	0.	-.98059E-05	0.	0.	0.
9	0.	.13863E-04	0.	0.	0.
10	0.	-.24321E-04	0.	0.	0.
11	0.	-.27959E-01	0.	0.	0.
12	0.	-.80847E-03	0.	0.	0.
13	0.	.70116E-05	0.	0.	0.
14	0.	.18704E-01	0.	0.	0.
15	0.	-.53816E-03	0.	0.	0.
16	0.	-.20041E-03	0.	0.	0.
17	0.	.13720E-03	0.	0.	0.
18	0.	.33541E-04	0.	0.	0.

26

1	0.	.45156E-03	0.	0.	0.
2	0.	.12233E-02	0.	0.	0.
3	0.	.54839E-01	0.	0.	0.
4	0.	-.10661E-02	0.	0.	0.
5	0.	-.26549E-03	0.	0.	0.
6	0.	-.14395E-04	0.	0.	0.
7	0.	.26163E-05	0.	0.	0.
8	0.	-.61884E-05	0.	0.	0.
9	0.	.16752E-04	0.	0.	0.
10	0.	.25517E-05	0.	0.	0.
11	0.	.22991E-06	0.	0.	0.
12	0.	-.67527E-05	0.	0.	0.
13	0.	.82931E-05	0.	0.	0.
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15	0.	.11056E-03	0.	0.	0.
16	0.	.61402E-01	0.	0.	0.
17	0.	-.37375E-01	0.	0.	0.
18	0.	-.46814E-01	0.	0.	0.

25

1	0.	.93535E-01	0.	0.	0.
2	0.	-.14379E-02	0.	0.	0.
3	0.	-.88504E-03	0.	0.	0.
4	0.	-.64930E-03	0.	0.	0.
5	0.	-.34539E-03	0.	0.	0.
6	0.	-.19530E-04	0.	0.	0.



2

7

7	0.	-.31960E-01	0.	0.	0.
8	0.	.15920E-04	0.	0.	0.
9	0.	-.70898E-01	0.	0.	0.
10	0.	.21420E-03	0.	0.	0.
11	0.	.19162E-03	0.	0.	0.
12	0.	-.51758E-03	0.	0.	0.
13	0.	.30800E-01	0.	0.	0.
14	0.	-.14955E-03	0.	0.	0.
15	0.	-.50416E-03	0.	0.	0.
16	0.	-.12246E-02	0.	0.	0.
17	0.	.15361E-02	0.	0.	0.
18	0.	.11064E-02	0.	0.	0.

24

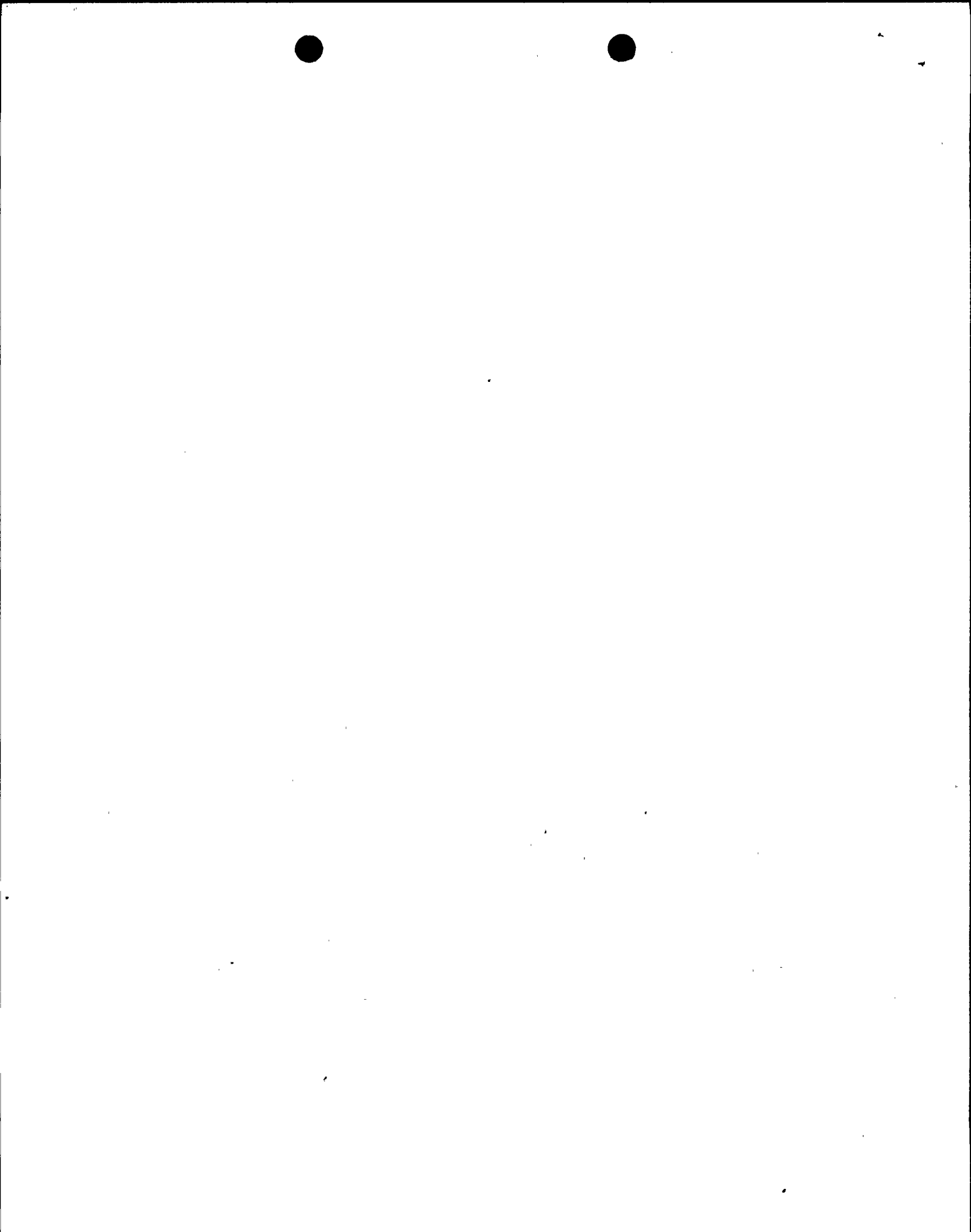
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4	0.	-.78143E-03	0.	0.	0.
5	0.	-.29581E-03	0.	0.	0.
6	0.	-.16593E-04	0.	0.	0.
7	0.	.13032E-05	0.	0.	0.
8	0.	.41912E-01	0.	0.	0.
9	0.	-.24832E-04	0.	0.	0.
10	0.	-.31260E-01	0.	0.	0.
11	0.	.57508E-04	0.	0.	0.
12	0.	-.91220E-04	0.	0.	0.
13	0.	.69739E-04	0.	0.	0.
14	0.	.13573E-02	0.	0.	0.
15	0.	.68564E-01	0.	0.	0.
16	0.	-.15155E-02	0.	0.	0.
17	0.	.17821E-02	0.	0.	0.
18	0.	.12391E-02	0.	0.	0.

23

1	0.	.93540E-03	0.	0.	0.
2	0.	.16658E-02	0.	0.	0.
3	0.	.29304E-02	0.	0.	0.
4	0.	.17290E+00	0.	0.	0.
5	0.	-.34690E-02	0.	0.	0.
6	0.	-.11826E+01	0.	0.	0.
7	0.	.44506E-04	0.	0.	0.
8	0.	-.42544E-04	0.	0.	0.
9	0.	.33348E-04	0.	0.	0.
10	0.	.44275E-05	0.	0.	0.
11	0.	-.20947E-03	0.	0.	0.
12	0.	.98694E-02	0.	0.	0.
13	0.	-.18772E-04	0.	0.	0.
14	0.	-.46927E-04	0.	0.	0.
15	0.	-.14958E-03	0.	0.	0.
16	0.	-.29683E-03	0.	0.	0.
17	0.	.34558E-03	0.	0.	0.
18	0.	.24843E-03	0.	0.	0.

22

1	0.	.19086E-03	0.	0.	0.
2	0.	.22685E-03	0.	0.	0.
3	0.	.24809E-03	0.	0.	0.
4	0.	.32353E-03	0.	0.	0.
5	0.	.44462E-01	0.	0.	0.
6	0.	-.12103E-03	0.	0.	0.
7	0.	-.57246E-04	0.	0.	0.
8	0.	.35889E-03	0.	0.	0.
9	0.	-.19449E-02	0.	0.	0.
10	0.	-.17877E-02	0.	0.	0.
11	0.	-.12007E+01	0.	0.	0.
12	0.	-.31783E-01	0.	0.	0.



13	0.	-.13527E-03	0.	0.	0.
14	0.	.66714E-01	0.	0.	0.
15	0.	-.27918E-02	0.	0.	0.
16	0.	-.19031E-02	0.	0.	0.
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18	0.	.14653E-02	0.	0.	0.

21

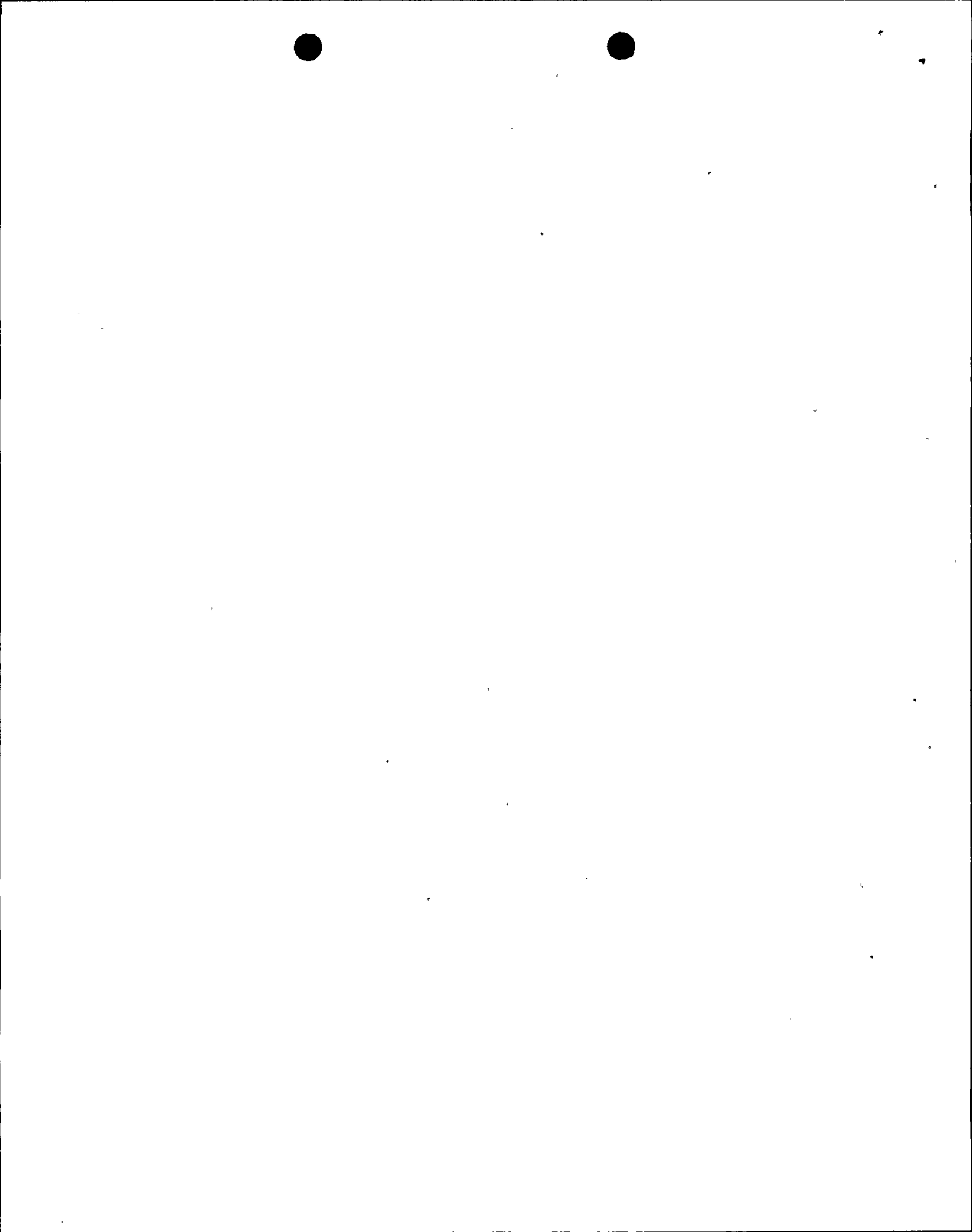
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5	0.	.22234E-04	0.	0.	0.
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7	0.	-.40035E-04	0.	0.	0.
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11	0.	-.25421E-03	0.	0.	0.
12	0.	.48755E-03	0.	0.	0.
13	0.	.13075E-03	0.	0.	0.
14	0.	.36534E-03	0.	0.	0.
15	0.	.11873E-02	0.	0.	0.
16	0.	-.28551E+00	0.	0.	0.
17	0.	-.46009E+00	0.	0.	0.
18	0.	-.16894E+01	0.	0.	0.

20

1	0.	.84582E-01	0.	0.	0.
2	0.	-.11779E-02	0.	0.	0.
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5	0.	-.72590E-04	0.	0.	0.
6	0.	-.61999E-04	0.	0.	0.
7	0.	-.16876E+01	0.	0.	0.
8	0.	-.10363E-03	0.	0.	0.
9	0.	-.32396E-01	0.	0.	0.
10	0.	.15174E-03	0.	0.	0.
11	0.	.17305E-03	0.	0.	0.
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15	0.	-.34431E-03	0.	0.	0.
16	0.	-.60296E-03	0.	0.	0.
17	0.	.69917E-03	0.	0.	0.
18	0.	.50715E-03	0.	0.	0.

19

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4	0.	-.42146E-03	0.	0.	0.
5	0.	.16213E-04	0.	0.	0.
6	0.	-.36603E-04	0.	0.	0.
7	0.	-.84560E-04	0.	0.	0.
8	0.	.12533E+01	0.	0.	0.
9	0.	.75726E-03	0.	0.	0.
10	0.	-.11606E+00	0.	0.	0.
11	0.	.62057E-03	0.	0.	0.
12	0.	-.11120E-02	0.	0.	0.
13	0.	-.76189E-04	0.	0.	0.
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16	0.	-.13810E-02	0.	0.	0.
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18.

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7	0.	-.54767E-04	0.	0.	0.
8	0.	.14325E-03	0.	0.	0.
9	0.	-.35581E-03	0.	0.	0.
10	0.	-.14162E-03	0.	0.	0.
11	0.	-.22236E-03	0.	0.	0.
12	0.	.46720E-03	0.	0.	0.
13	0.	.82433E-04	0.	0.	0.
14	0.	.23398E-03	0.	0.	0.
15	0.	.79614E-03	0.	0.	0.
16	0.	.24618E-02	0.	0.	0.
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17

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3	0.	.91273E-03	0.	0.	0.
4	0.	.52671E-01	0.	0.	0.
5	0.	-.35766E-03	0.	0.	0.
6	0.	-.73018E-02	0.	0.	0.
7	0.	.45246E-05	0.	0.	0.
8	0.	-.45159E-05	0.	0.	0.
9	0.	-.77672E-04	0.	0.	0.
10	0.	-.76393E-04	0.	0.	0.
11	0.	-.90632E-03	0.	0.	0.
12	0.	.35840E-01	0.	0.	0.
13	0.	-.22189E-04	0.	0.	0.
14	0.	-.79903E-04	0.	0.	0.
15	0.	-.32096E-03	0.	0.	0.
16	0.	-.74735E-03	0.	0.	0.
17	0.	.92546E-03	0.	0.	0.
18	0.	.64629E-03	0.	0.	0.

16

1	0.	.62542E-04	0.	0.	0.
2	0.	.80726E-04	0.	0.	0.
3	0.	.93983E-04	0.	0.	0.
4	0.	.13252E-03	0.	0.	0.
5	0.	.33081E-01	0.	0.	0.
6	0.	-.75204E-04	0.	0.	0.
7	0.	.35122E-05	0.	0.	0.
8	0.	-.57117E-05	0.	0.	0.
9	0.	.72806E-05	0.	0.	0.
10	0.	-.15893E-04	0.	0.	0.
11	0.	-.17197E-01	0.	0.	0.
12	0.	-.49443E-03	0.	0.	0.
13	0.	.11191E-04	0.	0.	0.
14	0.	.18498E-01	0.	0.	0.
15	0.	-.48213E-03	0.	0.	0.
16	0.	-.14461E-03	0.	0.	0.
17	0.	.10720E-03	0.	0.	0.
18	0.	.36416E-04	0.	0.	0.

15

1	0.	.28235E-03	0.	0.	0.
2	0.	.76465E-03	0.	0.	0.
3	0.	.34272E-01	0.	0.	0.
4	0.	-.66605E-03	0.	0.	0.
5	0.	-.16560E-03	0.	0.	0.
6	0.	-.90241E-05	0.	0.	0.



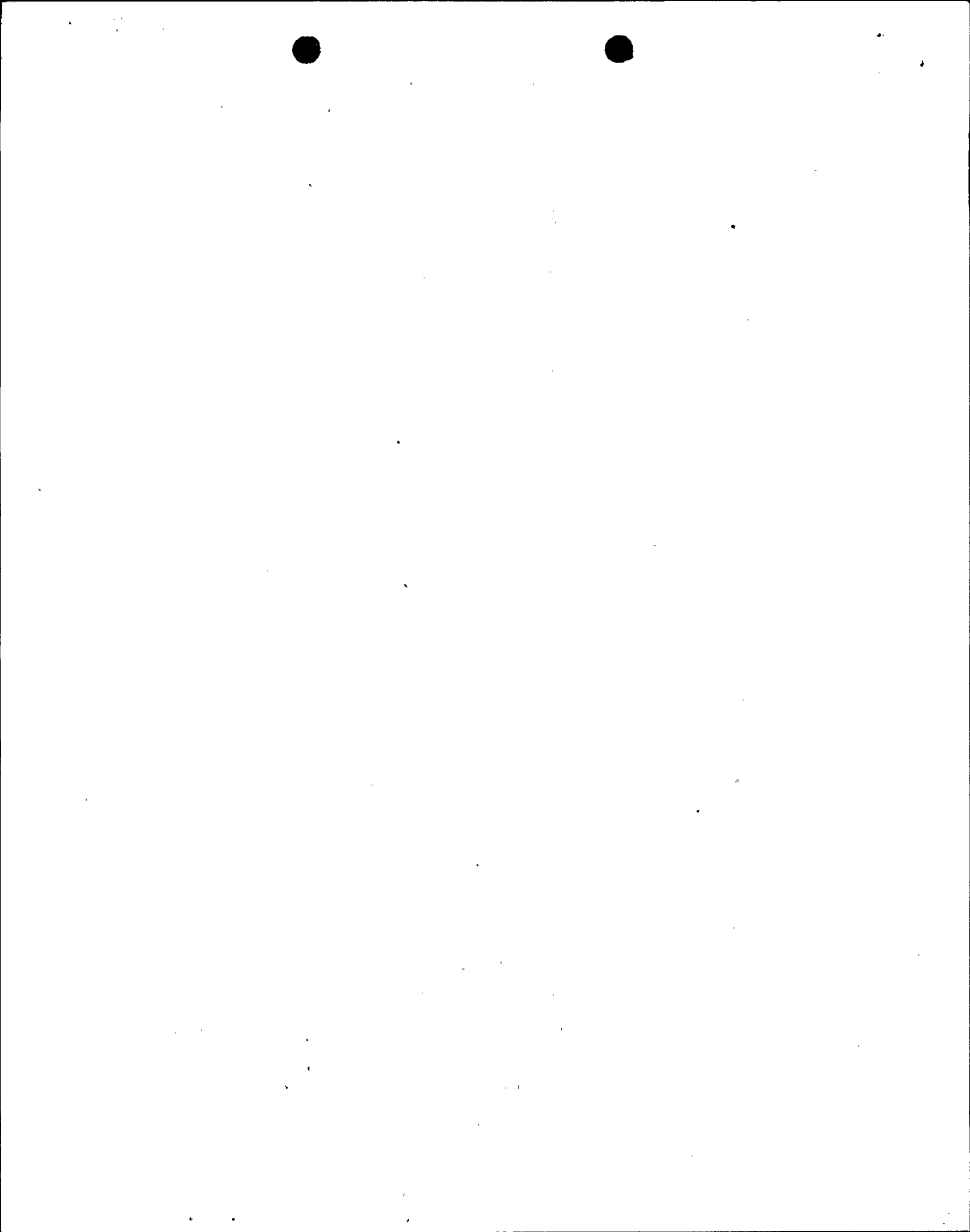


7	0.	.15430E-05	0.	0.	0.
8	0.	-.34711E-05	0.	0.	0.
9	0.	.91700E-05	0.	0.	0.
10	0.	.88334E-06	0.	0.	0.
11	0.	-.80722E-06	0.	0.	0.
12	0.	-.21391E-05	0.	0.	0.
13	0.	.61296E-05	0.	0.	0.
14	0.	.20718E-04	0.	0.	0.
15	0.	.76679E-04	0.	0.	0.
16	0.	.45175E-01	0.	0.	0.
17	0.	-.15139E-01	0.	0.	0.
18	0.	-.32882E-01	0.	0.	0.

14	1	0.	.58465E-01	0.	0.	0.
	2	0.	-.89852E-03	0.	0.	0.
	3	0.	-.55293E-03	0.	0.	0.
	4	0.	-.40551E-03	0.	0.	0.
	5	0.	-.21533E-03	0.	0.	0.
	6	0.	-.12270E-04	0.	0.	0.
	7	0.	-.19918E-01	0.	0.	0.
	8	0.	.11486E-04	0.	0.	0.
	9	0.	-.45483E-01	0.	0.	0.
	10	0.	.13502E-03	0.	0.	0.
	11	0.	.11970E-03	0.	0.	0.
	12	0.	-.32586E-03	0.	0.	0.
	13	0.	.36511E-01	0.	0.	0.
	14	0.	-.11309E-03	0.	0.	0.
	15	0.	-.34352E-03	0.	0.	0.
	16	0.	-.78209E-03	0.	0.	0.
	17	0.	.97729E-03	0.	0.	0.
	18	0.	.70439E-03	0.	0.	0.

13	1	0.	.58958E-03	0.	0.	0.
	2	0.	.43092E-01	0.	0.	0.
	3	0.	-.10398E-02	0.	0.	0.
	4	0.	-.48833E-03	0.	0.	0.
	5	0.	-.18455E-03	0.	0.	0.
	6	0.	-.10416E-04	0.	0.	0.
	7	0.	.65642E-06	0.	0.	0.
	8	0.	.25499E-01	0.	0.	0.
	9	0.	-.37268E-04	0.	0.	0.
	10	0.	-.29363E-01	0.	0.	0.
	11	0.	.52583E-04	0.	0.	0.
	12	0.	-.88780E-04	0.	0.	0.
	13	0.	.40842E-04	0.	0.	0.
	14	0.	.82476E-03	0.	0.	0.
	15	0.	.41848E-01	0.	0.	0.
	16	0.	-.94947E-03	0.	0.	0.
	17	0.	.11170E-02	0.	0.	0.
	18	0.	.77749E-03	0.	0.	0.

12	1	0.	.22346E-03	0.	0.	0.
	2	0.	.35018E-03	0.	0.	0.
	3	0.	.55585E-03	0.	0.	0.
	4	0.	.27453E-01	0.	0.	0.
	5	0.	-.71885E-05	0.	0.	0.
	6	0.	.19123E-01	0.	0.	0.
	7	0.	-.25694E-04	0.	0.	0.
	8	0.	.94941E-04	0.	0.	0.
	9	0.	-.43089E-03	0.	0.	0.
	10	0.	-.27693E-03	0.	0.	0.
	11	0.	-.17867E-02	0.	0.	0.
	12	0.	.63909E-01	0.	0.	0.



13	0.	.80848E-04	0.	0.	0.
14	0.	.13701E-03	0.	0.	0.
15	0.	.21356E-03	0.	0.	0.
16	0.	.22618E-02	0.	0.	0.
17	0.	-.33442E-02	0.	0.	0.
18	0.	-.32177E-02	0.	0.	0.

11	1	0.	.11504E-03	0.	0.	0.
	2	0.	.13537E-03	0.	0.	0.
	3	0.	.14692E-03	0.	0.	0.
	4	0.	.18939E-03	0.	0.	0.
	5	0.	.23202E-01	0.	0.	0.
	6	0.	-.62908E-04	0.	0.	0.
	7	0.	-.29876E-04	0.	0.	0.
	8	0.	.12383E-03	0.	0.	0.
	9	0.	-.37108E-03	0.	0.	0.
	10	0.	-.17080E-03	0.	0.	0.
	11	0.	.93038E-01	0.	0.	0.
	12	0.	.34288E-02	0.	0.	0.
	13	0.	.16978E-02	0.	0.	0.
	14	0.	.16626E+01	0.	0.	0.
	15	0.	-.35384E-01	0.	0.	0.
	16	0.	-.39536E-02	0.	0.	0.
	17	0.	.42167E-02	0.	0.	0.
	18	0.	.29618E-02	0.	0.	0.

10	1	0.	.23564E-03	0.	0.	0.
	2	0.	.52504E-03	0.	0.	0.
	3	0.	.20119E-01	0.	0.	0.
	4	0.	-.29428E-03	0.	0.	0.
	5	0.	.38387E-04	0.	0.	0.
	6	0.	-.14690E-04	0.	0.	0.
	7	0.	-.27340E-04	0.	0.	0.
	8	0.	.98110E-04	0.	0.	0.
	9	0.	-.30488E-03	0.	0.	0.
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	13	0.	.19292E-03	0.	0.	0.
	14	0.	.50215E-03	0.	0.	0.
	15	0.	.15378E-02	0.	0.	0.
	16	0.	.11823E+01	0.	0.	0.
	17	0.	.13593E+01	0.	0.	0.
	18	0.	-.57043E+00	0.	0.	0.

9	1	0.	.34837E-01	0.	0.	0.
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	3	0.	-.24548E-03	0.	0.	0.
	4	0.	-.14186E-03	0.	0.	0.
	5	0.	.14773E-04	0.	0.	0.
	6	0.	-.18061E-04	0.	0.	0.
	7	0.	.40054E-01	0.	0.	0.
	8	0.	.22292E-03	0.	0.	0.
	9	0.	-.17205E+00	0.	0.	0.
	10	0.	.20659E-03	0.	0.	0.
	11	0.	.46702E-04	0.	0.	0.
	12	0.	-.42789E-03	0.	0.	0.
	13	0.	.18482E+01	0.	0.	0.
	14	0.	-.20832E-02	0.	0.	0.
	15	0.	-.30560E-02	0.	0.	0.
	16	0.	-.16746E-02	0.	0.	0.
	17	0.	.17111E-02	0.	0.	0.
	18	0.	.12510E-02	0.	0.	0.



8

1	0.	.46478E-03	0.	0.	0.
2	0.	.28643E-01	0.	0.	0.
3	0.	-.60434E-03	0.	0.	0.
4	0.	-.22211E-03	0.	0.	0.
5	0.	-.27953E-04	0.	0.	0.
6	0.	-.18853E-04	0.	0.	0.
7	0.	-.39625E-04	0.	0.	0.
8	0.	-.17006E+00	0.	0.	0.
9	0.	-.42230E-02	0.	0.	0.
10	0.	-.18434E+01	0.	0.	0.
11	0.	.30346E-02	0.	0.	0.
12	0.	-.57613E-02	0.	0.	0.
13	0.	-.42527E-03	0.	0.	0.
14	0.	-.34074E-02	0.	0.	0.
15	0.	-.14239E+00	0.	0.	0.
16	0.	-.53070E-03	0.	0.	0.
17	0.	.66036E-03	0.	0.	0.
18	0.	.55516E-03	0.	0.	0.

7

1	0.	.11684E-03	0.	0.	0.
2	0.	.12784E-03	0.	0.	0.
3	0.	.13049E-03	0.	0.	0.
4	0.	.15318E-03	0.	0.	0.
5	0.	.20442E-03	0.	0.	0.
6	0.	-.13036E-04	0.	0.	0.
7	0.	-.33710E-04	0.	0.	0.
8	0.	.87476E-04	0.	0.	0.
9	0.	-.22478E-03	0.	0.	0.
10	0.	-.11189E-03	0.	0.	0.
11	0.	-.13728E-03	0.	0.	0.
12	0.	.29312E-03	0.	0.	0.
13	0.	.80219E-04	0.	0.	0.
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15	0.	.49479E-03	0.	0.	0.
16	0.	.15606E-02	0.	0.	0.
17	0.	-.19180E-02	0.	0.	0.
18	0.	-.14661E-02	0.	0.	0.

6

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2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.
7	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.
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14	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.

5

1	0.	0.	0.	0.	0.
2	0.	0.	0.	0.	0.
3	0.	0.	0.	0.	0.
4	0.	0.	0.	0.	0.
5	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.



7	0.	0.	0.	0.	0.
8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.
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15	0.	0.	0.	0.	0.
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4

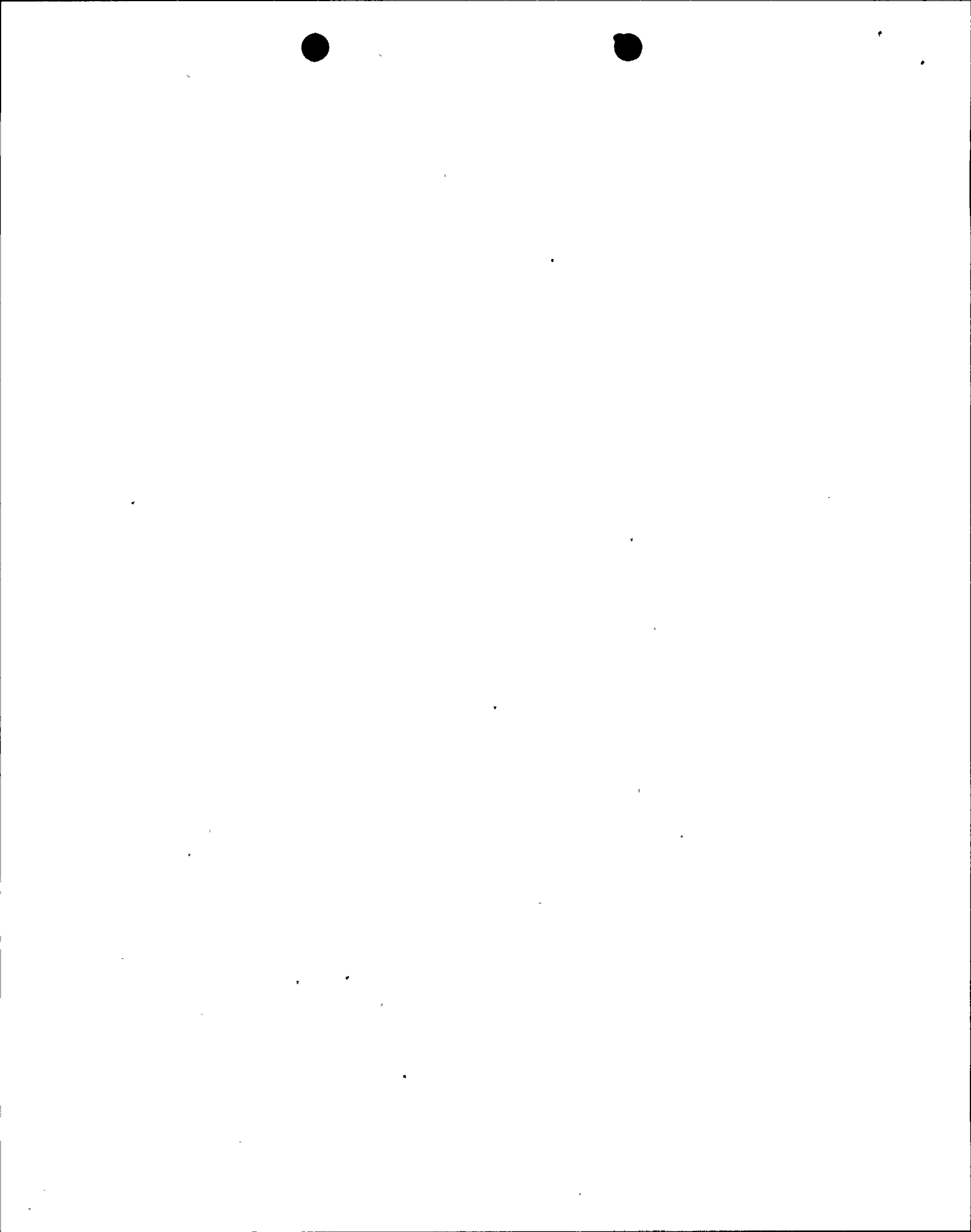
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14	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.

3

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6	0.	0.	0.	0.	0.
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14	0.	0.	0.	0.	0.
15	0.	0.	0.	0.	0.
16	0.	0.	0.	0.	0.
17	0.	0.	0.	0.	0.
18	0.	0.	0.	0.	0.

2

1	0.	0.	0.	0.	0.
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5	0.	0.	0.	0.	0.
6	0.	0.	0.	0.	0.
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8	0.	0.	0.	0.	0.
9	0.	0.	0.	0.	0.
10	0.	0.	0.	0.	0.
11	0.	0.	0.	0.	0.
12	0.	0.	0.	0.	0.





	13	0.	0.	0.	0.	0.
	14	0.	0.	0.	0.	0.
	15	0.	0.	0.	0.	0.
	16	0.	0.	0.	0.	0.
	17	0.	0.	0.	0.	0.
	18	0.	0.	0.	0.	0.
1	1	0.	0.	0.	0.	0.
	2	0.	0.	0.	0.	0.
	3	0.	0.	0.	0.	0.
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	5	0.	0.	0.	0.	0.
	6	0.	0.	0.	0.	0.
	7	0.	0.	0.	0.	0.
	8	0.	0.	0.	0.	0.
	9	0.	0.	0.	0.	0.
	10	0.	0.	0.	0.	0.
	11	0.	0.	0.	0.	0.
	12	0.	0.	0.	0.	0.
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	15	0.	0.	0.	0.	0.
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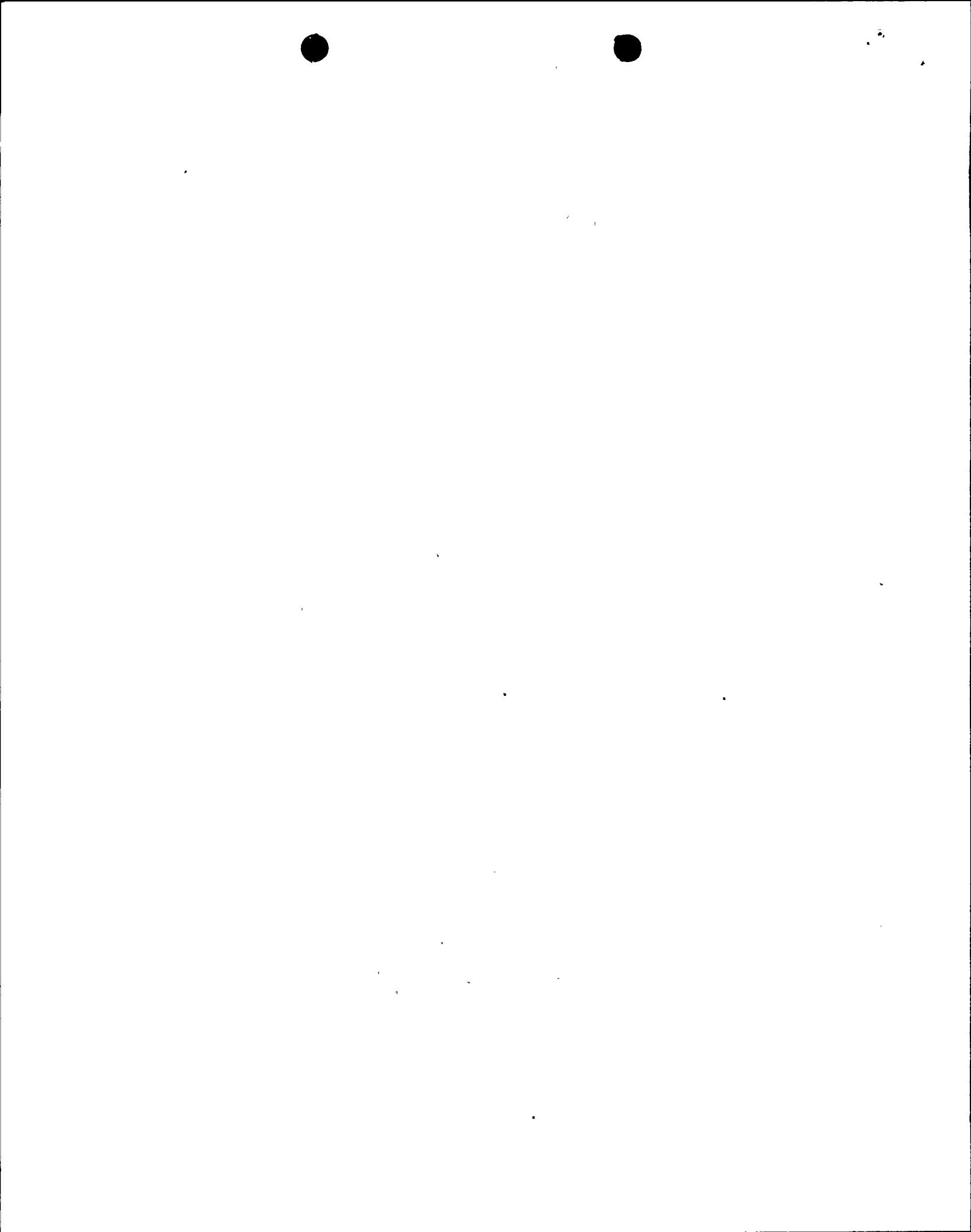
EIGENSOLUTION TIME LOG

EIGENSOLUTION = 31.50  
PRINTING = 2.18



MODAL PARTICIPATION FACTORS

MODE	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	0.	.3374E+01	0.
2	0.	.3502E+01	0.
3	0.	.3456E+01	0.
4	0.	.3788E+01	0.
5	0.	.3881E+01	0.
6	0.	-.3180E+00	0.
7	0.	-.4565E+00	0.
8	0.	.7388E+00	0.
9	0.	-.1342E+01	0.
10	0.	-.7852E+00	0.
11	0.	-.9263E+00	0.
12	0.	.1581E+01	0.
13	0.	.4979E+00	0.
14	0.	.9446E+00	0.
15	0.	.2091E+01	0.
16	0.	.4951E+01	0.
-----			
17	0.	-.5521E+01	0.
18	0.	-.4292E+01	0.



PROGRAM JAB / FLSPECVER. 1.0 (12/80)

\*\*\*\*\*

NUMBER OF DOF, SAME AS NO. OF SPECTRUM PLOTS (NNOD) = 4

NUMBER OF MODES (NF) = 18

DIRECTION OF INPUT TIME HISTORY (IDIR) = 2

EQ.1, X DIRECTION

EQ.2, Y DIRECTION

EQ.3, Z DIRECTION

MODE SHAPE INPUT OPTION (IMOSH) = 2

EQ.0, INPUT FROM CARDS

EQ.1, INPUT FROM TAPE1 IN BINARY

EQ.2, INPUT FROM TAPE1 IN CARD IMAGE

FLOOR ACC. TIME HISTORY SAVE OPTION (IACCTH) = 0

EQ.0, SAVE ON TAPE4 IN CARD IMAGE

EQ.1, SAVE ON TAPE4 IN BINARY

GROUND AND FLOOR ACC. T-H. PRINT FLAG (IPRINT) = 0

EQ.0, SUPPRESS PRINTING

EQ.1, PRINT

NUMBER OF TIME POINTS IN INPUT TIME HISTORY (NT) = 6670

TIME INCREMENT IN SEC. FOR INPUT TIME HISTORY (DT) = .30E-02

TIME HISTORY SCALE FACTOR (SCALE) = .67E+00

DEFAULT .EQ. 1.00

NUMBER OF DAMPING CURVES FOR EACH DOF (NDAMP) = 3

NUMBER OF SPECTRUM POINTS TO BE CALCULATED (NPTS) = 97

SPECTRUM PLOT FLAG (IFREQ) = 0

EQ.0, PERIOD(SEC) VS ACCELERATION

EQ.1, FREQUENCY(HZ) VS ACCELERATION

SPECTRUM BROADENING FLAG (IBROD) = 0

EQ.0, RAW SPECTRUM ONLY

EQ.1, BOTH RAW AND BROADENED SPECTRA

TIME HISTORY INPUT OPTION (ITAPE) = 2

EQ.0, INPUT FROM CARDS

EQ.1, INPUT FROM TAPE11 IN BINARY

EQ.2, INPUT FROM TAPE11 IN CARD IMAGE

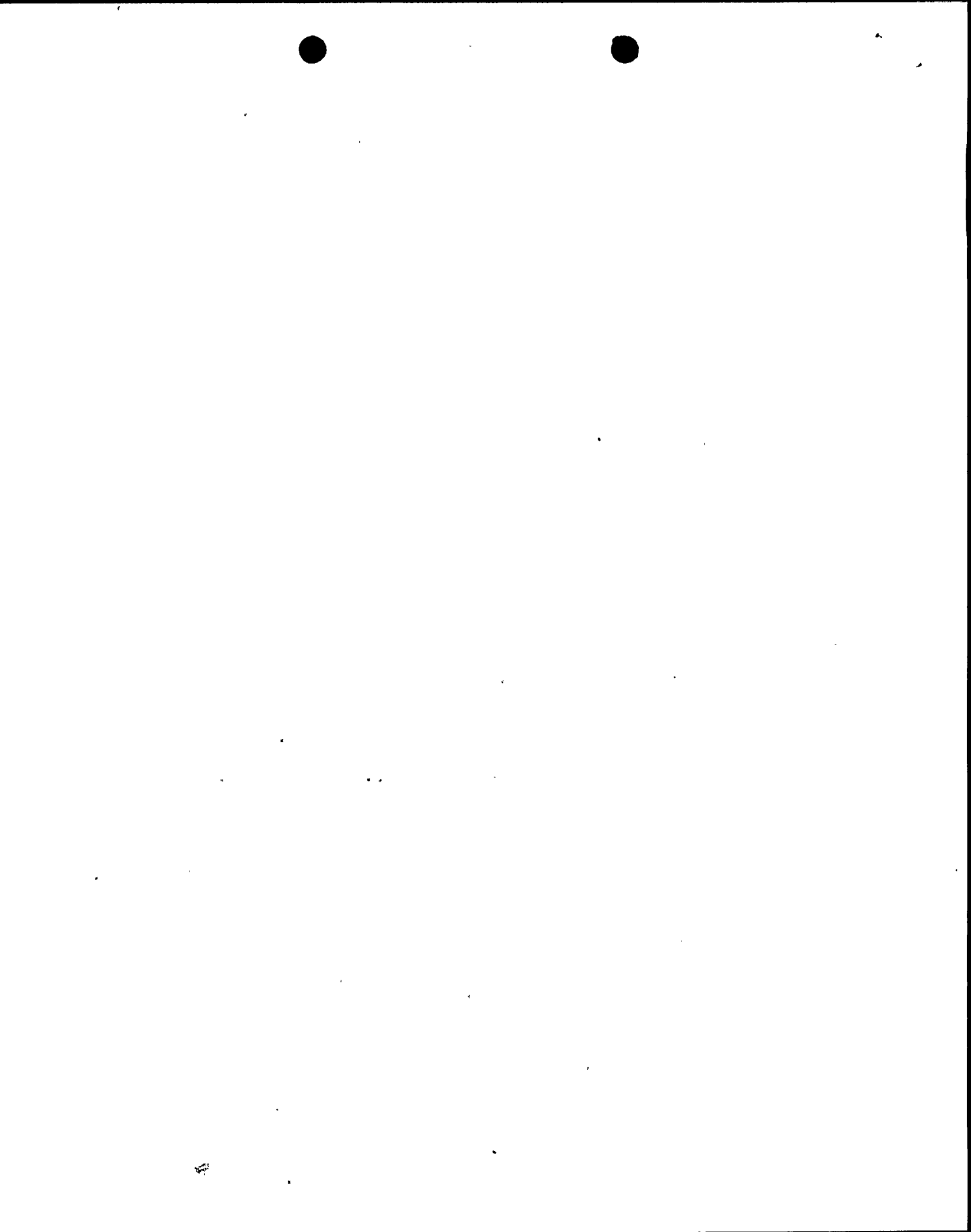
MODE SHAPE INPUT FORMAT (FFMT) = (5E14.5)

DEFAULT .EQ. (8F9.6)

FLOOR ACC. T-H. SAVE FORMAT (ATHFMT) = (8F10.6)

DEFAULT .EQ. (8F9.6)

\*\*\*\*\*BLANK COMMON USED (NTT) = 40865\*\*\*\*\*



## SPECTRAL ACCELERATION FOR NODE

8, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.9423E+00	.9172E+00	.8990E+00
.3100E+02	.3226E-01	.1102E+01	.1084E+01	.1065E+01
.2801E+02	.3570E-01	.2254E+01	.1887E+01	.1683E+01
.2500E+02	.4000E-01	.3190E+01	.2649E+01	.2265E+01
.2198E+02	.4550E-01	.1522E+01	.1397E+01	.1255E+01
.2000E+02	.5000E-01	.1530E+01	.1412E+01	.1331E+01
.1799E+02	.5560E-01	.1509E+01	.1228E+01	.1119E+01
.1701E+02	.5980E-01	.1348E+01	.1215E+01	.1125E+01
.1600E+02	.6250E-01	.1476E+01	.1373E+01	.1285E+01
.1499E+02	.6670E-01	.1438E+01	.1366E+01	.1306E+01
.1449E+02	.6900E-01	.1495E+01	.1404E+01	.1329E+01
.1401E+02	.7140E-01	.1474E+01	.1388E+01	.1325E+01
.1350E+02	.7410E-01	.1587E+01	.1444E+01	.1350E+01
.1325E+02	.7550E-01	.1580E+01	.1465E+01	.1370E+01
.1300E+02	.7590E-01	.1722E+01	.1523E+01	.1388E+01
.1276E+02	.7340E-01	.1865E+01	.1560E+01	.1378E+01
.1250E+02	.8000E-01	.1801E+01	.1570E+01	.1424E+01
.1225E+02	.8160E-01	.1751E+01	.1524E+01	.1484E+01
.1200E+02	.8330E-01	.1959E+01	.1703E+01	.1520E+01
.1175E+02	.8510E-01	.1912E+01	.1658E+01	.1465E+01
.1149E+02	.8700E-01	.1862E+01	.1635E+01	.1494E+01
.1125E+02	.8990E-01	.1732E+01	.1514E+01	.1504E+01
.1100E+02	.9090E-01	.1617E+01	.1530E+01	.1459E+01
.1075E+02	.9300E-01	.1441E+01	.1459E+01	.1436E+01
.1050E+02	.9520E-01	.1671E+01	.1566E+01	.1493E+01
.1025E+02	.9760E-01	.1809E+01	.1577E+01	.1561E+01
.1000E+02	.1000E+00	.1872E+01	.1701E+01	.1573E+01
.9747E+01	.1026E+00	.1915E+01	.1732E+01	.1572E+01
.9497E+01	.1053E+00	.2286E+01	.1954E+01	.1723E+01
.9251E+01	.1081E+00	.2302E+01	.1969E+01	.1721E+01
.9001E+01	.1111E+00	.2422E+01	.1932E+01	.1689E+01
.8749E+01	.1143E+00	.2216E+01	.1845E+01	.1586E+01
.8503E+01	.1176E+00	.1851E+01	.1624E+01	.1432E+01
.8251E+01	.1212E+00	.1565E+01	.1570E+01	.1504E+01
.8000E+01	.1250E+00	.1780E+01	.1656E+01	.1567E+01
.7874E+01	.1270E+00	.1715E+01	.1542E+01	.1565E+01
.7752E+01	.1290E+00	.1702E+01	.1637E+01	.1563E+01
.7628E+01	.1311E+00	.1786E+01	.1659E+01	.1555E+01
.7502E+01	.1333E+00	.1850E+01	.1612E+01	.1495E+01
.7375E+01	.1356E+00	.2093E+01	.1690E+01	.1434E+01
.7252E+01	.1379E+00	.2125E+01	.1785E+01	.1527E+01
.7123E+01	.1404E+00	.2095E+01	.1798E+01	.1553E+01
.6998E+01	.1429E+00	.2071E+01	.1778E+01	.1538E+01
.6873E+01	.1455E+00	.2027E+01	.1722E+01	.1487E+01
.6752E+01	.1481E+00	.1957E+01	.1626E+01	.1459E+01
.6627E+01	.1509E+00	.2067E+01	.1740E+01	.1566E+01
.6502E+01	.1538E+00	.1942E+01	.1659E+01	.1519E+01
.6373E+01	.1569E+00	.2187E+01	.1870E+01	.1643E+01
.6250E+01	.1500E+00	.2286E+01	.1985E+01	.1738E+01
.6124E+01	.1633E+00	.2405E+01	.2006E+01	.1737E+01
.5999E+01	.1567E+00	.2051E+01	.1790E+01	.1593E+01





.5875E+01	.1702E+00	.1891E+01	.1732E+01	.1707E+01
.5750E+01	.1739E+00	.1931E+01	.1724E+01	.1586E+01
.5624E+01	.1778E+00	.2020E+01	.1684E+01	.1496E+01
.5501E+01	.1818E+00	.2081E+01	.1766E+01	.1536E+01
.5376E+01	.1860E+00	.1969E+01	.1551E+01	.1518E+01
.5263E+01	.1900E+00	.2076E+01	.1738E+01	.1559E+01
.5126E+01	.1951E+00	.2203E+01	.1897E+01	.1649E+01
.5000E+01	.2000E+00	.2338E+01	.1999E+01	.1739E+01
.4900E+01	.2041E+00	.2348E+01	.2011E+01	.1750E+01
.4801E+01	.2083E+00	.2310E+01	.1945E+01	.1702E+01
.4699E+01	.2128E+00	.2563E+01	.2121E+01	.1817E+01
.4600E+01	.2174E+00	.2490E+01	.2070E+01	.1791E+01
.4500E+01	.2222E+00	.2797E+01	.2084E+01	.1712E+01
.4399E+01	.2273E+00	.2718E+01	.2185E+01	.1823E+01
.4299E+01	.2326E+00	.2240E+01	.1995E+01	.1778E+01
.4200E+01	.2381E+00	.2013E+01	.1870E+01	.1723E+01
.4100E+01	.2439E+00	.2336E+01	.2012E+01	.1757E+01
.4000E+01	.2500E+00	.2491E+01	.2062E+01	.1750E+01
.3900E+01	.2564E+00	.2290E+01	.1787E+01	.1513E+01
.3799E+01	.2632E+00	.2248E+01	.1863E+01	.1615E+01
.3700E+01	.2703E+00	.1997E+01	.1782E+01	.1587E+01
.3600E+01	.2778E+00	.1897E+01	.1600E+01	.1422E+01
.3449E+01	.2899E+00	.2238E+01	.1884E+01	.1651E+01
.3299E+01	.3031E+00	.2056E+01	.1745E+01	.1540E+01
.3150E+01	.3175E+00	.1597E+01	.1559E+01	.1439E+01
.3000E+01	.3333E+00	.2203E+01	.1885E+01	.1663E+01
.2900E+01	.3448E+00	.1912E+01	.1579E+01	.1526E+01
.2800E+01	.3571E+00	.2121E+01	.1847E+01	.1630E+01
.2700E+01	.3704E+00	.2482E+01	.1938E+01	.1505E+01
.2600E+01	.3846E+00	.2156E+01	.1931E+01	.1727E+01
.2500E+01	.4000E+00	.1762E+01	.1693E+01	.1597E+01
.2400E+01	.4167E+00	.2000E+01	.1817E+01	.1642E+01
.2300E+01	.4348E+00	.2566E+01	.2035E+01	.1590E+01
.2200E+01	.4545E+00	.2114E+01	.1844E+01	.1647E+01
.2100E+01	.4762E+00	.1519E+01	.1425E+01	.1361E+01
.2000E+01	.5000E+00	.1503E+01	.1381E+01	.1302E+01
.1900E+01	.5263E+00	.1730E+01	.1504E+01	.1345E+01
.1800E+01	.5556E+00	.1742E+01	.1481E+01	.1290E+01
.1700E+01	.5882E+00	.1348E+01	.1292E+01	.1210E+01
.1600E+01	.6250E+00	.1619E+01	.1325E+01	.1126E+01
.1500E+01	.6567E+00	.1134E+01	.1070E+01	.1007E+01
.1400E+01	.7143E+00	.1126E+01	.1047E+01	.9735E+00
.1300E+01	.7592E+00	.1211E+01	.1047E+01	.9243E+00
.1200E+01	.8333E+00	.8673E+00	.8401E+00	.8039E+00
.1100E+01	.9091E+00	.9307E+00	.7885E+00	.7101E+00
.1000E+01	.1000E+01	.7935E+00	.6632E+00	.6254E+00



SPECTRAL ACCELERATION FOR NODE 9, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2740E-01	.9761E+00	.9227E+00	.9067E+00
.3100E+02	.3226E-01	.1425E+01	.1265E+01	.1141E+01
.2801E+02	.3579E-01	.2410E+01	.1923E+01	.1524E+01
.2500E+02	.4000E-01	.2040E+01	.1589E+01	.1510E+01
.2198E+02	.4550E-01	.1370E+01	.1254E+01	.1208E+01
.2000E+02	.5000E-01	.1470E+01	.1362E+01	.1288E+01
.1799E+02	.5560E-01	.1355E+01	.1126E+01	.1089E+01
.1701E+02	.5880E-01	.1207E+01	.1090E+01	.1040E+01
.1600E+02	.6250E-01	.1360E+01	.1267E+01	.1188E+01
.1499E+02	.5670E-01	.1355E+01	.1285E+01	.1224E+01
.1449E+02	.6900E-01	.1402E+01	.1320E+01	.1250E+01
.1401E+02	.7140E-01	.1415E+01	.1331E+01	.1261E+01
.1350E+02	.7410E-01	.1513E+01	.1385E+01	.1295E+01
.1325E+02	.7550E-01	.1489E+01	.1409E+01	.1315E+01
.1300E+02	.7690E-01	.1545E+01	.1478E+01	.1342E+01
.1276E+02	.7840E-01	.1846E+01	.1517E+01	.1357E+01
.1250E+02	.8000E-01	.1939E+01	.1605E+01	.1459E+01
.1225E+02	.8160E-01	.1783E+01	.1656E+01	.1517E+01
.1200E+02	.8330E-01	.1985E+01	.1728E+01	.1544E+01
.1175E+02	.8510E-01	.1928E+01	.1673E+01	.1480E+01
.1149E+02	.8700E-01	.1905E+01	.1672E+01	.1527E+01
.1125E+02	.8890E-01	.1753E+01	.1636E+01	.1525E+01
.1100E+02	.9090E-01	.1625E+01	.1538E+01	.1468E+01
.1075E+02	.9300E-01	.1443E+01	.1463E+01	.1440E+01
.1050E+02	.9520E-01	.1675E+01	.1569E+01	.1492E+01
.1025E+02	.9760E-01	.1807E+01	.1675E+01	.1559E+01
.1000E+02	.1000E+00	.1871E+01	.1701E+01	.1572E+01
.9747E+01	.1026E+00	.1909E+01	.1723E+01	.1563E+01
.9497E+01	.1053E+00	.2280E+01	.1954E+01	.1722E+01
.9251E+01	.1081E+00	.2317E+01	.1984E+01	.1737E+01
.9001E+01	.1111E+00	.2426E+01	.1929E+01	.1685E+01
.8749E+01	.1143E+00	.2221E+01	.1848E+01	.1588E+01
.8503E+01	.1176E+00	.1868E+01	.1531E+01	.1439E+01
.8251E+01	.1212E+00	.1658E+01	.1562E+01	.1495E+01
.8000E+01	.1250E+00	.1772E+01	.1548E+01	.1558E+01
.7874E+01	.1270E+00	.1707E+01	.1534E+01	.1557E+01
.7752E+01	.1290E+00	.1594E+01	.1529E+01	.1555E+01
.7628E+01	.1311E+00	.1778E+01	.1651E+01	.1547E+01
.7502E+01	.1333E+00	.1843E+01	.1605E+01	.1488E+01
.7375E+01	.1356E+00	.2089E+01	.1686E+01	.1428E+01
.7252E+01	.1379E+00	.2120E+01	.1780E+01	.1522E+01
.7123E+01	.1404E+00	.2094E+01	.1797E+01	.1553E+01
.6998E+01	.1429E+00	.2075E+01	.1781E+01	.1542E+01
.6873E+01	.1455E+00	.2030E+01	.1726E+01	.1491E+01
.6752E+01	.1481E+00	.1958E+01	.1626E+01	.1454E+01
.6627E+01	.1509E+00	.2061E+01	.1736E+01	.1563E+01
.6502E+01	.1538E+00	.1944E+01	.1560E+01	.1517E+01
.6373E+01	.1569E+00	.2183E+01	.1866E+01	.1639E+01
.6250E+01	.1500E+00	.2283E+01	.1983E+01	.1736E+01
.6124E+01	.1533E+00	.2406E+01	.2006E+01	.1738E+01
.5999E+01	.1567E+00	.2059E+01	.1788E+01	.1592E+01



.5875E+01	.1702E+00	.1894E+01	.1736E+01	.1601E+01
.5750E+01	.1739E+00	.1935E+01	.1730E+01	.1592E+01
.5624E+01	.1778E+00	.2019E+01	.1682E+01	.1502E+01
.5501E+01	.1818E+00	.2080E+01	.1765E+01	.1536E+01
.5376E+01	.1860E+00	.1957E+01	.1649E+01	.1514E+01
.5263E+01	.1900E+00	.2075E+01	.1738E+01	.1557E+01
.5126E+01	.1951E+00	.2203E+01	.1897E+01	.1649E+01
.5000E+01	.2000E+00	.2336E+01	.1997E+01	.1737E+01
.4900E+01	.2041E+00	.2348E+01	.2011E+01	.1751E+01
.4801E+01	.2083E+00	.2308E+01	.1945E+01	.1703E+01
.4699E+01	.2128E+00	.2553E+01	.2120E+01	.1816E+01
.4600E+01	.2174E+00	.2489E+01	.2072E+01	.1792E+01
.4500E+01	.2222E+00	.2796E+01	.2083E+01	.1713E+01
.4399E+01	.2273E+00	.2715E+01	.2183E+01	.1820E+01
.4299E+01	.2326E+00	.2241E+01	.1997E+01	.1779E+01
.4200E+01	.2381E+00	.2012E+01	.1871E+01	.1725E+01
.4100E+01	.2439E+00	.2334E+01	.2010E+01	.1756E+01
.4000E+01	.2500E+00	.2491E+01	.2063E+01	.1751E+01
.3900E+01	.2564E+00	.2289E+01	.1786E+01	.1512E+01
.3799E+01	.2532E+00	.2250E+01	.1864E+01	.1616E+01
.3700E+01	.2703E+00	.1994E+01	.1778E+01	.1584E+01
.3600E+01	.2778E+00	.1887E+01	.1500E+01	.1422E+01
.3449E+01	.2899E+00	.2238E+01	.1884E+01	.1651E+01
.3299E+01	.3031E+00	.2057E+01	.1744E+01	.1539E+01
.3150E+01	.3175E+00	.1595E+01	.1558E+01	.1438E+01
.3000E+01	.3333E+00	.2203E+01	.1886E+01	.1663E+01
.2900E+01	.3448E+00	.1913E+01	.1680E+01	.1525E+01
.2800E+01	.3571E+00	.2120E+01	.1846E+01	.1630E+01
.2700E+01	.3704E+00	.2483E+01	.1939E+01	.1605E+01
.2600E+01	.3846E+00	.2155E+01	.1930E+01	.1726E+01
.2500E+01	.4000E+00	.1762E+01	.1693E+01	.1598E+01
.2400E+01	.4167E+00	.1999E+01	.1817E+01	.1542E+01
.2300E+01	.4348E+00	.2566E+01	.2035E+01	.1691E+01
.2200E+01	.4545E+00	.2114E+01	.1843E+01	.1646E+01
.2100E+01	.4762E+00	.1519E+01	.1425E+01	.1361E+01
.2000E+01	.5000E+00	.1503E+01	.1381E+01	.1302E+01
.1900E+01	.5263E+00	.1730E+01	.1504E+01	.1345E+01
.1800E+01	.5556E+00	.1741E+01	.1481E+01	.1290E+01
.1700E+01	.5882E+00	.1348E+01	.1292E+01	.1210E+01
.1600E+01	.6250E+00	.1519E+01	.1325E+01	.1126E+01
.1500E+01	.6667E+00	.1133E+01	.1070E+01	.1007E+01
.1400E+01	.7143E+00	.1127E+01	.1047E+01	.9736E+00
.1300E+01	.7692E+00	.1211E+01	.1047E+01	.9245E+00
.1200E+01	.8333E+00	.8573E+00	.8400E+00	.8039E+00
.1100E+01	.9091E+00	.9307E+00	.7886E+00	.7101E+00
.1000E+01	.1000E+01	.7935E+00	.6532E+00	.6254E+00



SPECTRAL ACCELERATION FOR NODE 10, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1448E+01	.1331E+01	.1237E+01
.3100E+02	.3226E-01	.2483E+01	.2005E+01	.1701E+01
.2801E+02	.3570E-01	.1988E+01	.1662E+01	.1486E+01
.2500E+02	.4000E-01	.1285E+01	.1129E+01	.1041E+01
.2198E+02	.4550E-01	.1124E+01	.1010E+01	.9745E+00
.2000E+02	.5000E-01	.1185E+01	.1102E+01	.1046E+01
.1799E+02	.5560E-01	.1189E+01	.9757E+00	.9317E+00
.1701E+02	.5880E-01	.1171E+01	.1072E+01	.1005E+01
.1600E+02	.6250E-01	.1302E+01	.1220E+01	.1148E+01
.1499E+02	.6570E-01	.1258E+01	.1203E+01	.1150E+01
.1449E+02	.6900E-01	.1311E+01	.1232E+01	.1166E+01
.1401E+02	.7140E-01	.1288E+01	.1217E+01	.1162E+01
.1350E+02	.7410E-01	.1396E+01	.1272E+01	.1192E+01
.1325E+02	.7550E-01	.1364E+01	.1298E+01	.1218E+01
.1300E+02	.7690E-01	.1479E+01	.1353E+01	.1242E+01
.1276E+02	.7840E-01	.1645E+01	.1396E+01	.1241E+01
.1250E+02	.8000E-01	.1607E+01	.1416E+01	.1292E+01
.1225E+02	.8160E-01	.1572E+01	.1461E+01	.1340E+01
.1200E+02	.8330E-01	.1744E+01	.1521E+01	.1360E+01
.1175E+02	.8510E-01	.1671E+01	.1458E+01	.1301E+01
.1149E+02	.8700E-01	.1700E+01	.1497E+01	.1370E+01
.1125E+02	.8390E-01	.1565E+01	.1458E+01	.1365E+01
.1100E+02	.9090E-01	.1456E+01	.1378E+01	.1322E+01
.1075E+02	.9300E-01	.1308E+01	.1322E+01	.1299E+01
.1050E+02	.9520E-01	.1522E+01	.1426E+01	.1354E+01
.1025E+02	.9760E-01	.1645E+01	.1523E+01	.1417E+01
.1000E+02	.1000E+00	.1711E+01	.1557E+01	.1441E+01
.9747E+01	.1026E+00	.1763E+01	.1590E+01	.1438E+01
.9497E+01	.1053E+00	.2101E+01	.1800E+01	.1589E+01
.9251E+01	.1081E+00	.2149E+01	.1842E+01	.1615E+01
.9001E+01	.1111E+00	.2275E+01	.1819E+01	.1594E+01
.8749E+01	.1143E+00	.2099E+01	.1753E+01	.1510E+01
.8503E+01	.1176E+00	.1777E+01	.1555E+01	.1376E+01
.8251E+01	.1212E+00	.1595E+01	.1505E+01	.1442E+01
.8000E+01	.1250E+00	.1705E+01	.1589E+01	.1504E+01
.7874E+01	.1270E+00	.1643E+01	.1573E+01	.1500E+01
.7752E+01	.1290E+00	.1633E+01	.1570E+01	.1499E+01
.7628E+01	.1311E+00	.1708E+01	.1586E+01	.1486E+01
.7502E+01	.1333E+00	.1764E+01	.1536E+01	.1431E+01
.7375E+01	.1356E+00	.1997E+01	.1513E+01	.1367E+01
.7252E+01	.1379E+00	.2033E+01	.1709E+01	.1463E+01
.7123E+01	.1404E+00	.2015E+01	.1731E+01	.1498E+01
.6998E+01	.1429E+00	.1998E+01	.1716E+01	.1487E+01
.6873E+01	.1455E+00	.1948E+01	.1659E+01	.1434E+01
.6752E+01	.1481E+00	.1905E+01	.1561E+01	.1397E+01
.6627E+01	.1509E+00	.1986E+01	.1569E+01	.1499E+01
.6502E+01	.1538E+00	.1857E+01	.1592E+01	.1455E+01
.6373E+01	.1569E+00	.2118E+01	.1812E+01	.1593E+01
.6250E+01	.1500E+00	.2218E+01	.1928E+01	.1689E+01
.6124E+01	.1533E+00	.2335E+01	.1949E+01	.1590E+01





.5875E+01	.1702E+00	.1835E+01	.1682E+01	.51E+01
.5750E+01	.1739E+00	.1891E+01	.1680E+01	.1545E+01
.5624E+01	.1778E+00	.1974E+01	.1646E+01	.1460E+01
.5501E+01	.1818E+00	.2037E+01	.1730E+01	.1506E+01
.5376E+01	.1860E+00	.1922E+01	.1511E+01	.1475E+01
.5263E+01	.1900E+00	.2038E+01	.1711E+01	.1522E+01
.5126E+01	.1951E+00	.2165E+01	.1866E+01	.1624E+01
.5000E+01	.2000E+00	.2297E+01	.1965E+01	.1711E+01
.4900E+01	.2041E+00	.2312E+01	.1982E+01	.1726E+01
.4801E+01	.2083E+00	.2267E+01	.1916E+01	.1678E+01
.4699E+01	.2128E+00	.2522E+01	.2082E+01	.1784E+01
.4600E+01	.2174E+00	.2451E+01	.2036E+01	.1762E+01
.4500E+01	.2222E+00	.2755E+01	.2049E+01	.1683E+01
.4399E+01	.2273E+00	.2576E+01	.2152E+01	.1795E+01
.4299E+01	.2326E+00	.2210E+01	.1970E+01	.1756E+01
.4200E+01	.2381E+00	.1984E+01	.1846E+01	.1701E+01
.4100E+01	.2439E+00	.2302E+01	.1983E+01	.1732E+01
.4000E+01	.2500E+00	.2459E+01	.2036E+01	.1729E+01
.3900E+01	.2564E+00	.2261E+01	.1763E+01	.1492E+01
.3799E+01	.2632E+00	.2221E+01	.1840E+01	.1595E+01
.3700E+01	.2703E+00	.1969E+01	.1756E+01	.1563E+01
.3600E+01	.2778E+00	.1858E+01	.1585E+01	.1407E+01
.3449E+01	.2899E+00	.2219E+01	.1868E+01	.1637E+01
.3299E+01	.3031E+00	.2039E+01	.1729E+01	.1525E+01
.3150E+01	.3175E+00	.1683E+01	.1547E+01	.1427E+01
.3000E+01	.3333E+00	.2186E+01	.1871E+01	.1651E+01
.2900E+01	.3448E+00	.1900E+01	.1569E+01	.1516E+01
.2800E+01	.3571E+00	.2109E+01	.1837E+01	.1620E+01
.2700E+01	.3704E+00	.2468E+01	.1928E+01	.1596E+01
.2600E+01	.3846E+00	.2145E+01	.1920E+01	.1717E+01
.2500E+01	.4000E+00	.1753E+01	.1685E+01	.1590E+01
.2400E+01	.4167E+00	.1989E+01	.1808E+01	.1634E+01
.2300E+01	.4348E+00	.2554E+01	.2025E+01	.1682E+01
.2200E+01	.4545E+00	.2105E+01	.1835E+01	.1639E+01
.2100E+01	.4762E+00	.1513E+01	.1419E+01	.1355E+01
.2000E+01	.5000E+00	.1497E+01	.1375E+01	.1296E+01
.1900E+01	.5263E+00	.1724E+01	.1498E+01	.1340E+01
.1800E+01	.5556E+00	.1736E+01	.1476E+01	.1286E+01
.1700E+01	.5882E+00	.1345E+01	.1289E+01	.1207E+01
.1600E+01	.6250E+00	.1616E+01	.1323E+01	.1124E+01
.1500E+01	.6667E+00	.1131E+01	.1068E+01	.1005E+01
.1400E+01	.7143E+00	.1124E+01	.1045E+01	.9716E+00
.1300E+01	.7592E+00	.1209E+01	.1046E+01	.9230E+00
.1200E+01	.8333E+00	.8663E+00	.8389E+00	.8028E+00
.1100E+01	.9091E+00	.9295E+00	.7875E+00	.7095E+00
.1000E+01	.1000E+01	.7928E+00	.6622E+00	.6245E+00



SPECTRAL ACCELERATION FOR NODE 11, DIRECTION Y.

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1386E+01	.1248E+01	.1158E+01
.3100E+02	.3226E-01	.2090E+01	.1850E+01	.1663E+01
.2801E+02	.3570E-01	.3422E+01	.2641E+01	.2227E+01
.2500E+02	.4000E-01	.2221E+01	.1849E+01	.1610E+01
.2198E+02	.4550E-01	.1433E+01	.1318E+01	.1269E+01
.2000E+02	.5000E-01	.1522E+01	.1412E+01	.1335E+01
.1799E+02	.5560E-01	.1387E+01	.1162E+01	.1116E+01
.1701E+02	.5880E-01	.1472E+01	.1343E+01	.1253E+01
.1600E+02	.6250E-01	.1619E+01	.1511E+01	.1417E+01
.1499E+02	.6670E-01	.1527E+01	.1465E+01	.1407E+01
.1449E+02	.6900E-01	.1591E+01	.1501E+01	.1425E+01
.1401E+02	.7140E-01	.1515E+01	.1499E+01	.1418E+01
.1350E+02	.7410E-01	.1525E+01	.1493E+01	.1406E+01
.1325E+02	.7550E-01	.1579E+01	.1499E+01	.1406E+01
.1300E+02	.7690E-01	.1590E+01	.1544E+01	.1420E+01
.1276E+02	.7840E-01	.1795E+01	.1563E+01	.1399E+01
.1250E+02	.8000E-01	.1704E+01	.1513E+01	.1384E+01
.1225E+02	.8160E-01	.1588E+01	.1569E+01	.1440E+01
.1200E+02	.8330E-01	.1873E+01	.1634E+01	.1462E+01
.1175E+02	.8510E-01	.1795E+01	.1567E+01	.1396E+01
.1149E+02	.8700E-01	.1785E+01	.1570E+01	.1436E+01
.1125E+02	.8890E-01	.1653E+01	.1538E+01	.1438E+01
.1100E+02	.9090E-01	.1535E+01	.1456E+01	.1396E+01
.1075E+02	.9300E-01	.1380E+01	.1393E+01	.1367E+01
.1050E+02	.9520E-01	.1605E+01	.1502E+01	.1425E+01
.1025E+02	.9760E-01	.1729E+01	.1598E+01	.1484E+01
.1000E+02	.1000E+00	.1780E+01	.1515E+01	.1491E+01
.9747E+01	.1026E+00	.1857E+01	.1683E+01	.1515E+01
.9497E+01	.1053E+00	.2203E+01	.1879E+01	.1649E+01
.9251E+01	.1081E+00	.2226E+01	.1901E+01	.1661E+01
.9001E+01	.1111E+00	.2370E+01	.1926E+01	.1691E+01
.8749E+01	.1143E+00	.2176E+01	.1812E+01	.1561E+01
.8503E+01	.1176E+00	.1840E+01	.1607E+01	.1438E+01
.8251E+01	.1212E+00	.1572E+01	.1578E+01	.1512E+01
.8000E+01	.1250E+00	.1782E+01	.1560E+01	.1571E+01
.7874E+01	.1270E+00	.1714E+01	.1540E+01	.1566E+01
.7752E+01	.1290E+00	.1701E+01	.1636E+01	.1562E+01
.7628E+01	.1311E+00	.1777E+01	.1650E+01	.1546E+01
.7502E+01	.1333E+00	.1834E+01	.1596E+01	.1488E+01
.7375E+01	.1356E+00	.2072E+01	.1674E+01	.1416E+01
.7252E+01	.1379E+00	.2097E+01	.1761E+01	.1505E+01
.7123E+01	.1404E+00	.2071E+01	.1777E+01	.1535E+01
.6998E+01	.1429E+00	.2053E+01	.1762E+01	.1525E+01
.6873E+01	.1455E+00	.2007E+01	.1707E+01	.1474E+01
.6752E+01	.1481E+00	.1955E+01	.1607E+01	.1441E+01
.6627E+01	.1509E+00	.2047E+01	.1721E+01	.1545E+01
.6502E+01	.1538E+00	.1911E+01	.1531E+01	.1493E+01
.6373E+01	.1569E+00	.2175E+01	.1861E+01	.1636E+01
.6250E+01	.1500E+00	.2278E+01	.1980E+01	.1734E+01
.6124E+01	.1533E+00	.2397E+01	.2001E+01	.1734E+01
.5999E+01	.1567E+00	.2045E+01	.1778E+01	.1585E+01



.5875E+01	.1702E+00	.1858E+01	.1710E+01	.1576E+01
.5750E+01	.1739E+00	.1912E+01	.1707E+01	.1568E+01
.5624E+01	.1778E+00	.2013E+01	.1678E+01	.1483E+01
.5501E+01	.1818E+00	.2075E+01	.1761E+01	.1532E+01
.5376E+01	.1860E+00	.1960E+01	.1642E+01	.1499E+01
.5263E+01	.1900E+00	.2070E+01	.1734E+01	.1544E+01
.5126E+01	.1951E+00	.2198E+01	.1893E+01	.1546E+01
.5000E+01	.2000E+00	.2329E+01	.1991E+01	.1732E+01
.4900E+01	.2041E+00	.2343E+01	.2007E+01	.1747E+01
.4801E+01	.2083E+00	.2303E+01	.1941E+01	.1700E+01
.4699E+01	.2128E+00	.2657E+01	.2112E+01	.1809E+01
.4600E+01	.2174E+00	.2484E+01	.2065E+01	.1786E+01
.4500E+01	.2222E+00	.2790E+01	.2077E+01	.1711E+01
.4399E+01	.2273E+00	.2709E+01	.2178E+01	.1816E+01
.4299E+01	.2326E+00	.2238E+01	.1994E+01	.1777E+01
.4200E+01	.2381E+00	.2010E+01	.1868E+01	.1722E+01
.4100E+01	.2439E+00	.2331E+01	.2007E+01	.1753E+01
.4000E+01	.2500E+00	.2487E+01	.2059E+01	.1748E+01
.3900E+01	.2564E+00	.2285E+01	.1782E+01	.1508E+01
.3799E+01	.2532E+00	.2247E+01	.1862E+01	.1615E+01
.3700E+01	.2703E+00	.1991E+01	.1776E+01	.1582E+01
.3600E+01	.2778E+00	.1885E+01	.1599E+01	.1420E+01
.3449E+01	.2899E+00	.2236E+01	.1882E+01	.1650E+01
.3299E+01	.3031E+00	.2055E+01	.1742E+01	.1536E+01
.3150E+01	.3175E+00	.1694E+01	.1556E+01	.1436E+01
.3000E+01	.3333E+00	.2202E+01	.1885E+01	.1563E+01
.2900E+01	.3448E+00	.1911E+01	.1678E+01	.1525E+01
.2800E+01	.3571E+00	.2120E+01	.1846E+01	.1529E+01
.2700E+01	.3704E+00	.2481E+01	.1937E+01	.1604E+01
.2600E+01	.3846E+00	.2155E+01	.1929E+01	.1725E+01
.2500E+01	.4000E+00	.1761E+01	.1693E+01	.1597E+01
.2400E+01	.4167E+00	.1997E+01	.1315E+01	.1640E+01
.2300E+01	.4348E+00	.2565E+01	.2034E+01	.1690E+01
.2200E+01	.4545E+00	.2113E+01	.1842E+01	.1645E+01
.2100E+01	.4762E+00	.1518E+01	.1424E+01	.1360E+01
.2000E+01	.5000E+00	.1502E+01	.1380E+01	.1301E+01
.1900E+01	.5263E+00	.1730E+01	.1503E+01	.1345E+01
.1800E+01	.5556E+00	.1741E+01	.1481E+01	.1290E+01
.1700E+01	.5882E+00	.1348E+01	.1292E+01	.1210E+01
.1600E+01	.6250E+00	.1619E+01	.1325E+01	.1126E+01
.1500E+01	.6667E+00	.1133E+01	.1070E+01	.1007E+01
.1400E+01	.7143E+00	.1125E+01	.1046E+01	.9733E+00
.1300E+01	.7592E+00	.1211E+01	.1047E+01	.9241E+00
.1200E+01	.8333E+00	.8571E+00	.8400E+00	.8039E+00
.1100E+01	.9091E+00	.9307E+00	.7885E+00	.7101E+00
.1000E+01	.1000E+01	.7935E+00	.5530E+00	.6253E+00



SPECTRAL ACCELERATION FOR NODE 12, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.5798E+00	.5543E+00	.5425E+00
.3100E+02	.3226E-01	.6261E+00	.5883E+00	.5604E+00
.2801E+02	.3570E-01	.5313E+00	.5996E+00	.5864E+00
.2500E+02	.4000E-01	.8151E+00	.7194E+00	.6544E+00
.2198E+02	.4550E-01	.7856E+00	.7380E+00	.7216E+00
.2000E+02	.5000E-01	.8698E+00	.8227E+00	.7884E+00
.1799E+02	.5560E-01	.9226E+00	.7805E+00	.7308E+00
.1701E+02	.5380E-01	.9325E+00	.8506E+00	.8106E+00
.1600E+02	.6250E-01	.1085E+01	.1024E+01	.9712E+00
.1499E+02	.6670E-01	.1130E+01	.1090E+01	.1049E+01
.1449E+02	.6900E-01	.1227E+01	.1155E+01	.1096E+01
.1401E+02	.7140E-01	.1222E+01	.1153E+01	.1103E+01
.1350E+02	.7410E-01	.1325E+01	.1207E+01	.1136E+01
.1325E+02	.7550E-01	.1353E+01	.1236E+01	.1164E+01
.1300E+02	.7690E-01	.1484E+01	.1298E+01	.1183E+01
.1276E+02	.7840E-01	.1629E+01	.1360E+01	.1176E+01
.1250E+02	.8000E-01	.1569E+01	.1323E+01	.1193E+01
.1225E+02	.8160E-01	.1464E+01	.1361E+01	.1249E+01
.1200E+02	.8330E-01	.1641E+01	.1433E+01	.1284E+01
.1175E+02	.8510E-01	.1610E+01	.1402E+01	.1247E+01
.1149E+02	.8700E-01	.1613E+01	.1422E+01	.1302E+01
.1125E+02	.8890E-01	.1495E+01	.1396E+01	.1303E+01
.1100E+02	.9090E-01	.1400E+01	.1325E+01	.1269E+01
.1075E+02	.9300E-01	.1262E+01	.1275E+01	.1254E+01
.1050E+02	.9520E-01	.1465E+01	.1375E+01	.1307E+01
.1025E+02	.9760E-01	.1587E+01	.1472E+01	.1374E+01
.1000E+02	.1000E+00	.1554E+01	.1507E+01	.1397E+01
.9747E+01	.1026E+00	.1702E+01	.1543E+01	.1404E+01
.9497E+01	.1053E+00	.2039E+01	.1752E+01	.1550E+01
.9251E+01	.1081E+00	.2075E+01	.1781E+01	.1563E+01
.9001E+01	.1111E+00	.2198E+01	.1757E+01	.1542E+01
.8749E+01	.1143E+00	.2034E+01	.1702E+01	.1469E+01
.8503E+01	.1176E+00	.1725E+01	.1512E+01	.1340E+01
.8251E+01	.1212E+00	.1537E+01	.1450E+01	.1389E+01
.8000E+01	.1250E+00	.1543E+01	.1530E+01	.1448E+01
.7874E+01	.1270E+00	.1584E+01	.1516E+01	.1446E+01
.7752E+01	.1290E+00	.1576E+01	.1515E+01	.1447E+01
.7628E+01	.1311E+00	.1552E+01	.1535E+01	.1439E+01
.7502E+01	.1333E+00	.1713E+01	.1493E+01	.1387E+01
.7375E+01	.1356E+00	.1947E+01	.1575E+01	.1338E+01
.7252E+01	.1379E+00	.1984E+01	.1669E+01	.1430E+01
.7123E+01	.1404E+00	.1963E+01	.1587E+01	.1461E+01
.6998E+01	.1429E+00	.1946E+01	.1672E+01	.1449E+01
.6873E+01	.1455E+00	.1901E+01	.1519E+01	.1400E+01
.6752E+01	.1481E+00	.1871E+01	.1525E+01	.1370E+01
.6627E+01	.1509E+00	.1944E+01	.1637E+01	.1474E+01
.6502E+01	.1538E+00	.1831E+01	.1566E+01	.1433E+01
.6373E+01	.1569E+00	.2073E+01	.1774E+01	.1560E+01
.6250E+01	.1600E+00	.2172E+01	.1888E+01	.1654E+01
.6124E+01	.1633E+00	.2285E+01	.1909E+01	.1654E+01
.5999E+01	.1667E+00	.1959E+01	.1702E+01	.1516E+01





.5875E+01	.1702E+00	.1802E+01	.1651E+01	.522E+01
.5750E+01	.1739E+00	.1842E+01	.1646E+01	.1514E+01
.5624E+01	.1778E+00	.1943E+01	.1622E+01	.1429E+01
.5501E+01	.1818E+00	.2004E+01	.1703E+01	.1483E+01
.5376E+01	.1860E+00	.1894E+01	.1588E+01	.1453E+01
.5263E+01	.1900E+00	.2012E+01	.1691E+01	.1496E+01
.5126E+01	.1951E+00	.2141E+01	.1845E+01	.1506E+01
.5000E+01	.2000E+00	.2271E+01	.1944E+01	.1693E+01
.4900E+01	.2041E+00	.2285E+01	.1961E+01	.1709E+01
.4801E+01	.2083E+00	.2240E+01	.1896E+01	.1561E+01
.4699E+01	.2128E+00	.2593E+01	.2056E+01	.1762E+01
.4600E+01	.2174E+00	.2424E+01	.2011E+01	.1740E+01
.4500E+01	.2222E+00	.2725E+01	.2024E+01	.1661E+01
.4399E+01	.2273E+00	.2649E+01	.2131E+01	.1779E+01
.4299E+01	.2326E+00	.2183E+01	.1951E+01	.1739E+01
.4200E+01	.2381E+00	.1963E+01	.1828E+01	.1685E+01
.4100E+01	.2439E+00	.2281E+01	.1965E+01	.1717E+01
.4000E+01	.2500E+00	.2435E+01	.2016E+01	.1712E+01
.3900E+01	.2564E+00	.2240E+01	.1748E+01	.1480E+01
.3799E+01	.2632E+00	.2199E+01	.1821E+01	.1578E+01
.3700E+01	.2703E+00	.1952E+01	.1740E+01	.1549E+01
.3600E+01	.2778E+00	.1853E+01	.1573E+01	.1397E+01
.3449E+01	.2899E+00	.2205E+01	.1857E+01	.1627E+01
.3299E+01	.3031E+00	.2025E+01	.1717E+01	.1515E+01
.3150E+01	.3175E+00	.1675E+01	.1539E+01	.1420E+01
.3000E+01	.3333E+00	.2172E+01	.1859E+01	.1640E+01
.2900E+01	.3448E+00	.1892E+01	.1562E+01	.1510E+01
.2800E+01	.3571E+00	.2100E+01	.1829E+01	.1612E+01
.2700E+01	.3704E+00	.2458E+01	.1920E+01	.1590E+01
.2600E+01	.3846E+00	.2137E+01	.1913E+01	.1711E+01
.2500E+01	.4000E+00	.1747E+01	.1678E+01	.1584E+01
.2400E+01	.4167E+00	.1982E+01	.1802E+01	.1528E+01
.2300E+01	.4348E+00	.2545E+01	.2018E+01	.1676E+01
.2200E+01	.4545E+00	.2098E+01	.1829E+01	.1634E+01
.2100E+01	.4762E+00	.1509E+01	.1414E+01	.1351E+01
.2000E+01	.5000E+00	.1493E+01	.1371E+01	.1293E+01
.1900E+01	.5263E+00	.1720E+01	.1495E+01	.1337E+01
.1800E+01	.5556E+00	.1732E+01	.1473E+01	.1283E+01
.1700E+01	.5882E+00	.1342E+01	.1286E+01	.1205E+01
.1600E+01	.6250E+00	.1613E+01	.1321E+01	.1122E+01
.1500E+01	.6567E+00	.1129E+01	.1066E+01	.1004E+01
.1400E+01	.7143E+00	.1123E+01	.1043E+01	.9702E+00
.1300E+01	.7692E+00	.1208E+01	.1044E+01	.9215E+00
.1200E+01	.8333E+00	.8556E+00	.8380E+00	.8019E+00
.1100E+01	.9091E+00	.9285E+00	.7866E+00	.7090E+00
.1000E+01	.1000E+01	.7922E+00	.6615E+00	.5238E+00



SPECTRAL ACCELERATION FOR NODE 19, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1014E+01	.9879E+00	.9593E+00
.3100E+02	.3226E-01	.1012E+01	.9952E+00	.9805E+00
.2801E+02	.3570E-01	.1430E+01	.1303E+01	.1233E+01
.2500E+02	.4000E-01	.2138E+01	.1823E+01	.1635E+01
.2198E+02	.4550E-01	.2044E+01	.1746E+01	.1577E+01
.2000E+02	.5000E-01	.1707E+01	.1561E+01	.1467E+01
.1799E+02	.5560E-01	.1525E+01	.1295E+01	.1194E+01
.1701E+02	.5880E-01	.1360E+01	.1220E+01	.1160E+01
.1600E+02	.6250E-01	.1562E+01	.1456E+01	.1366E+01
.1499E+02	.6670E-01	.1568E+01	.1495E+01	.1427E+01
.1449E+02	.5900E-01	.1539E+01	.1539E+01	.1454E+01
.1401E+02	.7140E-01	.1586E+01	.1513E+01	.1447E+01
.1350E+02	.7410E-01	.1843E+01	.1503E+01	.1492E+01
.1325E+02	.7550E-01	.1848E+01	.1557E+01	.1506E+01
.1300E+02	.7590E-01	.2039E+01	.1755E+01	.1538E+01
.1276E+02	.7840E-01	.2250E+01	.1853E+01	.1573E+01
.1250E+02	.8000E-01	.2165E+01	.1795E+01	.1507E+01
.1225E+02	.8160E-01	.1969E+01	.1821E+01	.1660E+01
.1200E+02	.8330E-01	.2194E+01	.1898E+01	.1687E+01
.1175E+02	.8510E-01	.2137E+01	.1850E+01	.1633E+01
.1149E+02	.8700E-01	.2045E+01	.1786E+01	.1524E+01
.1125E+02	.8890E-01	.1875E+01	.1746E+01	.1622E+01
.1100E+02	.9090E-01	.1737E+01	.1643E+01	.1566E+01
.1075E+02	.9300E-01	.1531E+01	.1554E+01	.1530E+01
.1050E+02	.9520E-01	.1779E+01	.1574E+01	.1595E+01
.1025E+02	.9760E-01	.1940E+01	.1797E+01	.1672E+01
.1000E+02	.1000E+00	.2009E+01	.1826E+01	.1588E+01
.9747E+01	.1026E+00	.2031E+01	.1843E+01	.1571E+01
.9497E+01	.1053E+00	.2442E+01	.2095E+01	.1848E+01
.9251E+01	.1081E+00	.2471E+01	.2115E+01	.1851E+01
.9001E+01	.1111E+00	.2545E+01	.2017E+01	.1758E+01
.8749E+01	.1143E+00	.2330E+01	.1936E+01	.1561E+01
.8503E+01	.1176E+00	.1941E+01	.1591E+01	.1490E+01
.8251E+01	.1212E+00	.1721E+01	.1620E+01	.1551E+01
.8000E+01	.1250E+00	.1839E+01	.1710E+01	.1617E+01
.7874E+01	.1270E+00	.1774E+01	.1699E+01	.1519E+01
.7752E+01	.1290E+00	.1758E+01	.1591E+01	.1615E+01
.7628E+01	.1311E+00	.1849E+01	.1718E+01	.1610E+01
.7502E+01	.1333E+00	.1925E+01	.1573E+01	.1552E+01
.7375E+01	.1356E+00	.2161E+01	.1744E+01	.1482E+01
.7252E+01	.1379E+00	.2204E+01	.1851E+01	.1584E+01
.7123E+01	.1404E+00	.2174E+01	.1866E+01	.1513E+01
.6998E+01	.1429E+00	.2145E+01	.1842E+01	.1593E+01
.6873E+01	.1455E+00	.2091E+01	.1777E+01	.1534E+01
.6752E+01	.1481E+00	.2007E+01	.1672E+01	.1509E+01
.6627E+01	.1509E+00	.2131E+01	.1800E+01	.1623E+01
.6502E+01	.1538E+00	.2014E+01	.1722E+01	.1575E+01
.6373E+01	.1569E+00	.2240E+01	.1914E+01	.1681E+01
.6250E+01	.1600E+00	.2341E+01	.2033E+01	.1779E+01
.6124E+01	.1533E+00	.2454E+01	.2053E+01	.1778E+01
.5999E+01	.1567E+00	.2111E+01	.1832E+01	.1629E+01



.5875E+01	.1702E+00	.1947E+01	.1784E+01	.1645E+01
.5750E+01	.1739E+00	.1981E+01	.1772E+01	.1531E+01
.5624E+01	.1778E+00	.2058E+01	.1714E+01	.1532E+01
.5501E+01	.1818E+00	.2120E+01	.1799E+01	.1564E+01
.5376E+01	.1860E+00	.2004E+01	.1679E+01	.1545E+01
.5263E+01	.1900E+00	.2107E+01	.1763E+01	.1589E+01
.5126E+01	.1951E+00	.2230E+01	.1918E+01	.1666E+01
.5000E+01	.2000E+00	.2369E+01	.2025E+01	.1761E+01
.4900E+01	.2041E+00	.2380E+01	.2037E+01	.1772E+01
.4801E+01	.2083E+00	.2342E+01	.1966E+01	.1720E+01
.4699E+01	.2128E+00	.2696E+01	.2151E+01	.1843E+01
.4600E+01	.2174E+00	.2521E+01	.2099E+01	.1817E+01
.4500E+01	.2222E+00	.2830E+01	.2112E+01	.1735E+01
.4399E+01	.2273E+00	.2748E+01	.2209E+01	.1842E+01
.4299E+01	.2326E+00	.2264E+01	.2017E+01	.1797E+01
.4200E+01	.2381E+00	.2035E+01	.1889E+01	.1741E+01
.4100E+01	.2439E+00	.2361E+01	.2034E+01	.1777E+01
.4000E+01	.2500E+00	.2516E+01	.2083E+01	.1768E+01
.3900E+01	.2564E+00	.2313E+01	.1805E+01	.1529E+01
.3799E+01	.2632E+00	.2271E+01	.1881E+01	.1631E+01
.3700E+01	.2703E+00	.2015E+01	.1798E+01	.1601E+01
.3600E+01	.2778E+00	.1903E+01	.1614E+01	.1434E+01
.3449E+01	.2899E+00	.2253E+01	.1896E+01	.1661E+01
.3299E+01	.3031E+00	.2072E+01	.1759E+01	.1552E+01
.3150E+01	.3175E+00	.1707E+01	.1569E+01	.1448E+01
.3000E+01	.3333E+00	.2215E+01	.1896E+01	.1672E+01
.2900E+01	.3448E+00	.1923E+01	.1689E+01	.1532E+01
.2800E+01	.3571E+00	.2130E+01	.1855E+01	.1540E+01
.2700E+01	.3704E+00	.2494E+01	.1947E+01	.1612E+01
.2600E+01	.3846E+00	.2166E+01	.1939E+01	.1733E+01
.2500E+01	.4000E+00	.1769E+01	.1700E+01	.1604E+01
.2400E+01	.4167E+00	.2007E+01	.1824E+01	.1548E+01
.2300E+01	.4348E+00	.2575E+01	.2042E+01	.1696E+01
.2200E+01	.4545E+00	.2122E+01	.1850E+01	.1652E+01
.2100E+01	.4762E+00	.1524E+01	.1430E+01	.1365E+01
.2000E+01	.5000E+00	.1507E+01	.1385E+01	.1306E+01
.1900E+01	.5263E+00	.1735E+01	.1508E+01	.1349E+01
.1800E+01	.5556E+00	.1745E+01	.1485E+01	.1293E+01
.1700E+01	.5882E+00	.1350E+01	.1294E+01	.1212E+01
.1600E+01	.6250E+00	.1621E+01	.1327E+01	.1128E+01
.1500E+01	.6667E+00	.1135E+01	.1072E+01	.1009E+01
.1400E+01	.7143E+00	.1128E+01	.1048E+01	.9751E+00
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.1200E+01	.8333E+00	.8580E+00	.8408E+00	.8045E+00
.1100E+01	.9091E+00	.9318E+00	.7895E+00	.7106E+00
.1000E+01	.1000E+01	.7941E+00	.6539E+00	.6261E+00



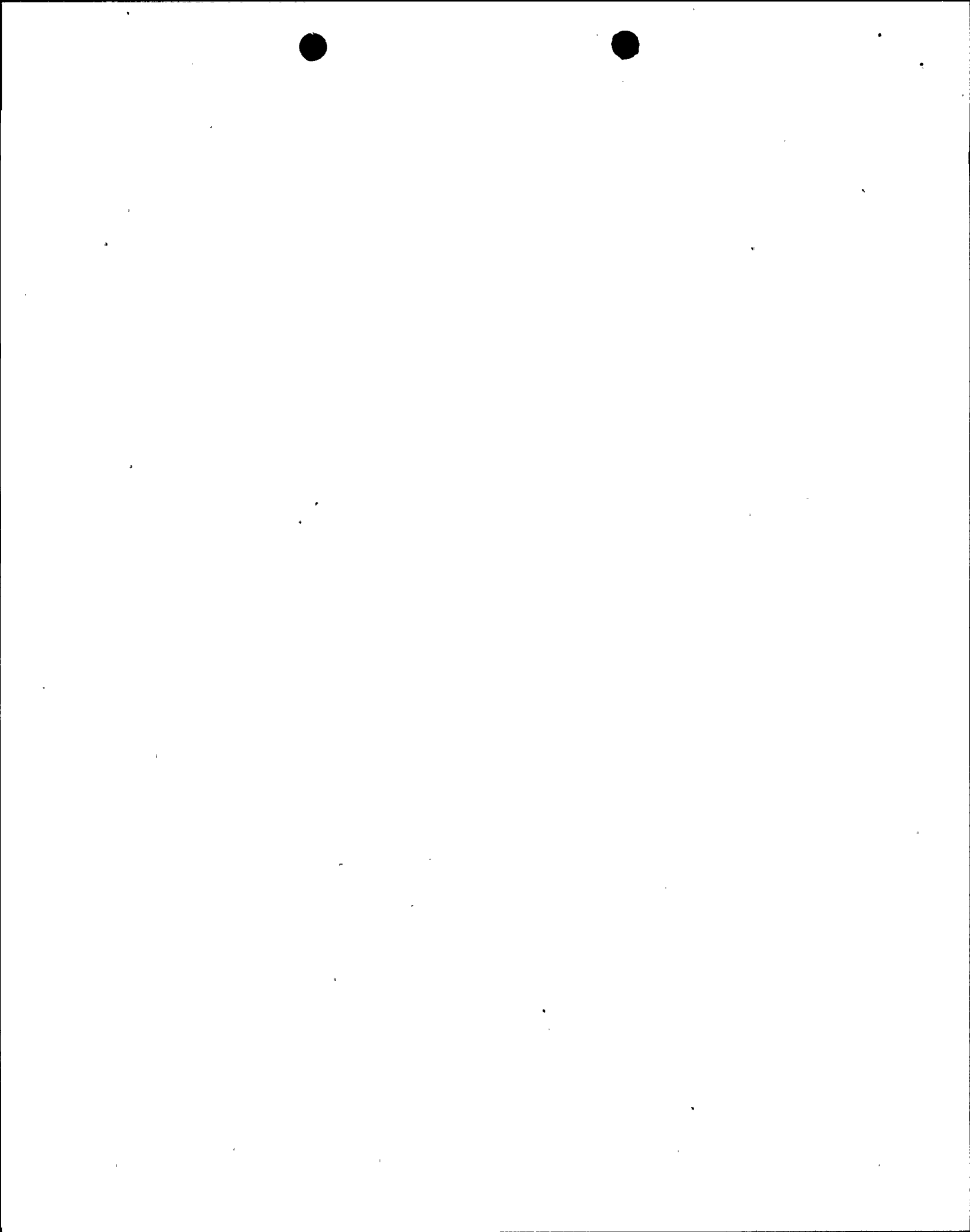
## SPECTRAL ACCELERATION FOR NODE 20, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.9698E+00	.9517E+00	.9393E+00
.3100E+02	.3226E-01	.1006E+01	.9939E+00	.9847E+00
.2801E+02	.3570E-01	.1149E+01	.1104E+01	.1077E+01
.2500E+02	.4000E-01	.1085E+01	.1124E+01	.1141E+01
.2198E+02	.4550E-01	.1495E+01	.1319E+01	.1305E+01
.2000E+02	.5000E-01	.2213E+01	.1905E+01	.1727E+01
.1799E+02	.5560E-01	.2441E+01	.1895E+01	.1629E+01
.1701E+02	.5880E-01	.1892E+01	.1598E+01	.1524E+01
.1600E+02	.6250E-01	.1742E+01	.1601E+01	.1479E+01
.1499E+02	.6670E-01	.1705E+01	.1609E+01	.1521E+01
.1449E+02	.6900E-01	.1780E+01	.1666E+01	.1568E+01
.1401E+02	.7140E-01	.1825E+01	.1682E+01	.1600E+01
.1350E+02	.7410E-01	.2185E+01	.1895E+01	.1694E+01
.1325E+02	.7550E-01	.2238E+01	.2016E+01	.1803E+01
.1300E+02	.7690E-01	.2528E+01	.2185E+01	.1910E+01
.1276E+02	.7840E-01	.2827E+01	.2328E+01	.1978E+01
.1250E+02	.8000E-01	.2719E+01	.2297E+01	.2082E+01
.1225E+02	.8160E-01	.2470E+01	.2304E+01	.2107E+01
.1200E+02	.8330E-01	.2741E+01	.2371E+01	.2105E+01
.1175E+02	.8510E-01	.2587E+01	.2242E+01	.1982E+01
.1149E+02	.8700E-01	.2440E+01	.2120E+01	.1922E+01
.1125E+02	.8890E-01	.2189E+01	.2035E+01	.1891E+01
.1100E+02	.9090E-01	.1995E+01	.1884E+01	.1797E+01
.1075E+02	.9300E-01	.1724E+01	.1753E+01	.1730E+01
.1050E+02	.9520E-01	.1996E+01	.1880E+01	.1789E+01
.1025E+02	.9760E-01	.2168E+01	.2005E+01	.1863E+01
.1000E+02	.1000E+00	.2227E+01	.2023E+01	.1868E+01
.9747E+01	.1026E+00	.2243E+01	.2026E+01	.1832E+01
.9497E+01	.1053E+00	.2672E+01	.2284E+01	.2008E+01
.9251E+01	.1081E+00	.2695E+01	.2297E+01	.2007E+01
.9001E+01	.1111E+00	.2731E+01	.2146E+01	.1847E+01
.8749E+01	.1143E+00	.2516E+01	.2087E+01	.1780E+01
.8503E+01	.1176E+00	.2087E+01	.1816E+01	.1599E+01
.8251E+01	.1212E+00	.1804E+01	.1697E+01	.1623E+01
.8000E+01	.1250E+00	.1935E+01	.1796E+01	.1697E+01
.7874E+01	.1270E+00	.1866E+01	.1788E+01	.1704E+01
.7752E+01	.1290E+00	.1854E+01	.1783E+01	.1699E+01
.7628E+01	.1311E+00	.1947E+01	.1809E+01	.1696E+01
.7502E+01	.1333E+00	.2039E+01	.1765E+01	.1639E+01
.7375E+01	.1356E+00	.2270E+01	.1827E+01	.1546E+01
.7252E+01	.1379E+00	.2305E+01	.1933E+01	.1651E+01
.7123E+01	.1404E+00	.2273E+01	.1950E+01	.1684E+01
.6998E+01	.1429E+00	.2248E+01	.1929E+01	.1669E+01
.6873E+01	.1455E+00	.2195E+01	.1865E+01	.1610E+01
.6752E+01	.1481E+00	.2078E+01	.1754E+01	.1579E+01
.6627E+01	.1509E+00	.2223E+01	.1884E+01	.1699E+01
.6502E+01	.1538E+00	.2113E+01	.1806E+01	.1650E+01
.6373E+01	.1569E+00	.2310E+01	.1971E+01	.1729E+01
.6250E+01	.1600E+00	.2419E+01	.2101E+01	.1839E+01
.6124E+01	.1633E+00	.2556E+01	.2128E+01	.1843E+01
.5999E+01	.1667E+00	.2186E+01	.1898E+01	.1688E+01



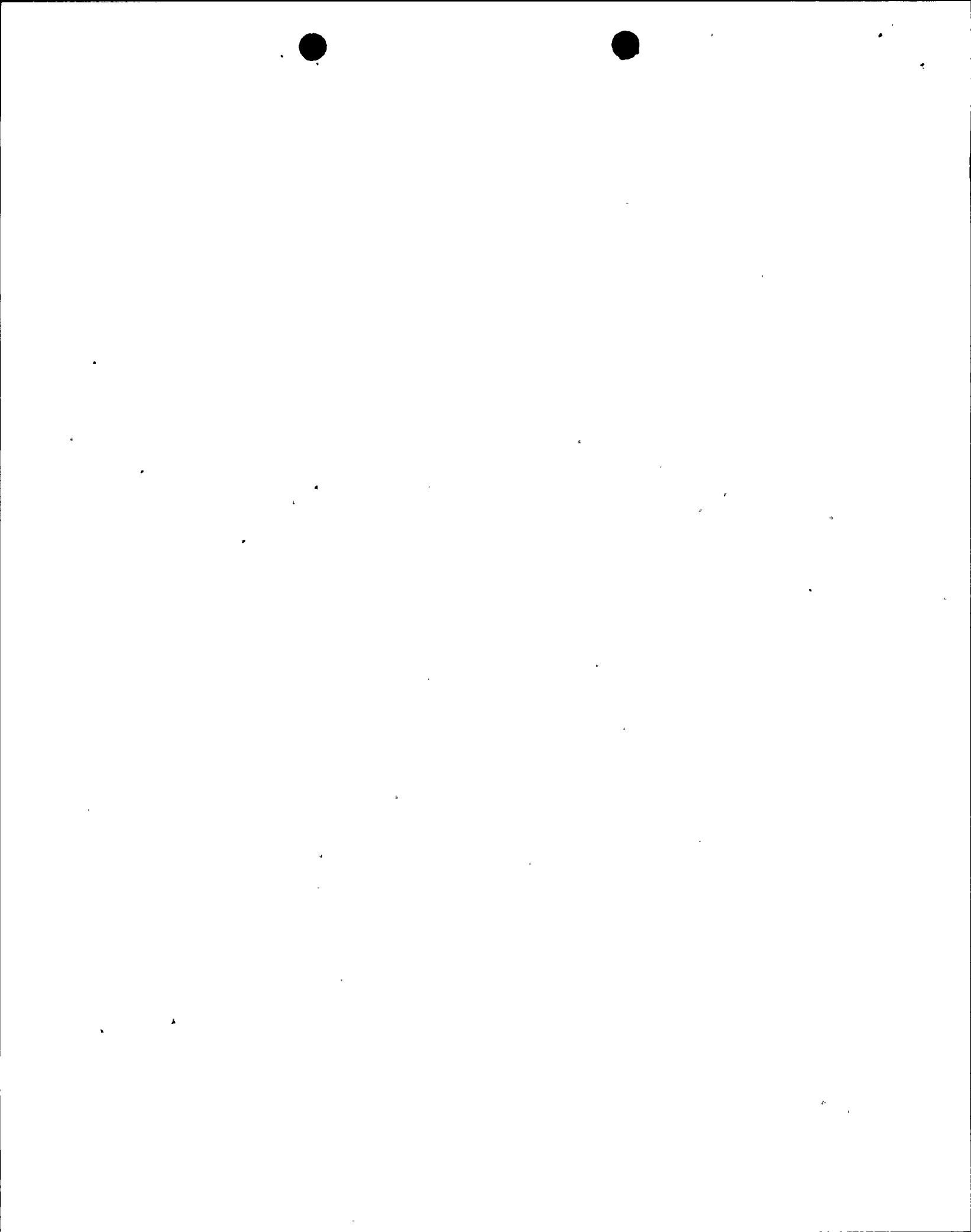


.5875E+01	.1702E+00	.2024E+01	.1856E+01	.1717E+01
.5750E+01	.1739E+00	.2057E+01	.1841E+01	.1695E+01
.5624E+01	.1778E+00	.2108E+01	.1754E+01	.1591E+01
.5501E+01	.1818E+00	.2170E+01	.1840E+01	.1599E+01
.5376E+01	.1860E+00	.2055E+01	.1719E+01	.1582E+01
.5263E+01	.1900E+00	.2153E+01	.1800E+01	.1633E+01
.5126E+01	.1951E+00	.2268E+01	.1948E+01	.1689E+01
.5000E+01	.2000E+00	.2411E+01	.2059E+01	.1789E+01
.4900E+01	.2041E+00	.2427E+01	.2078E+01	.1807E+01
.4801E+01	.2083E+00	.2386E+01	.2000E+01	.1748E+01
.4699E+01	.2128E+00	.2744E+01	.2196E+01	.1881E+01
.4600E+01	.2174E+00	.2567E+01	.2142E+01	.1854E+01
.4500E+01	.2222E+00	.2872E+01	.2150E+01	.1765E+01
.4399E+01	.2273E+00	.2792E+01	.2242E+01	.1869E+01
.4299E+01	.2326E+00	.2300E+01	.2050E+01	.1826E+01
.4200E+01	.2381E+00	.2063E+01	.1916E+01	.1765E+01
.4100E+01	.2439E+00	.2398E+01	.2066E+01	.1806E+01
.4000E+01	.2500E+00	.2554E+01	.2114E+01	.1796E+01
.3900E+01	.2564E+00	.2345E+01	.1828E+01	.1547E+01
.3799E+01	.2632E+00	.2303E+01	.1909E+01	.1655E+01
.3700E+01	.2703E+00	.2042E+01	.1822E+01	.1623E+01
.3600E+01	.2778E+00	.1923E+01	.1630E+01	.1453E+01
.3449E+01	.2899E+00	.2275E+01	.1916E+01	.1679E+01
.3299E+01	.3031E+00	.2094E+01	.1777E+01	.1568E+01
.3150E+01	.3175E+00	.1720E+01	.1580E+01	.1458E+01
.3000E+01	.3333E+00	.2232E+01	.1911E+01	.1685E+01
.2900E+01	.3448E+00	.1938E+01	.1702E+01	.1540E+01
.2800E+01	.3571E+00	.2143E+01	.1865E+01	.1651E+01
.2700E+01	.3704E+00	.2509E+01	.1959E+01	.1623E+01
.2600E+01	.3846E+00	.2177E+01	.1949E+01	.1743E+01
.2500E+01	.4000E+00	.1778E+01	.1709E+01	.1612E+01
.2400E+01	.4167E+00	.2018E+01	.1834E+01	.1658E+01
.2300E+01	.4348E+00	.2588E+01	.2052E+01	.1705E+01
.2200E+01	.4545E+00	.2131E+01	.1858E+01	.1659E+01
.2100E+01	.4762E+00	.1531E+01	.1436E+01	.1372E+01
.2000E+01	.5000E+00	.1513E+01	.1390E+01	.1311E+01
.1900E+01	.5263E+00	.1742E+01	.1514E+01	.1355E+01
.1800E+01	.5556E+00	.1751E+01	.1489E+01	.1298E+01
.1700E+01	.5882E+00	.1354E+01	.1297E+01	.1215E+01
.1600E+01	.6250E+00	.1625E+01	.1330E+01	.1130E+01
.1500E+01	.6667E+00	.1138E+01	.1074E+01	.1011E+01
.1400E+01	.7143E+00	.1130E+01	.1050E+01	.9770E+00
.1300E+01	.7692E+00	.1215E+01	.1051E+01	.9277E+00
.1200E+01	.8333E+00	.8692E+00	.8415E+00	.8053E+00
.1100E+01	.9091E+00	.9332E+00	.7908E+00	.7117E+00
.1000E+01	.1000E+01	.7949E+00	.6649E+00	.6270E+00



## SPECTRAL ACCELERATION FOR NODE 21, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1299E+02	.1078E+02	.9399E+01
.3100E+02	.3226E-01	.1490E+02	.1215E+02	.1052E+02
.2801E+02	.3570E-01	.9691E+01	.7611E+01	.6274E+01
.2500E+02	.4000E-01	.5444E+01	.4855E+01	.4513E+01
.2198E+02	.4550E-01	.3881E+01	.3538E+01	.3384E+01
.2000E+02	.5000E-01	.3888E+01	.3565E+01	.3335E+01
.1799E+02	.5560E-01	.3165E+01	.2712E+01	.2582E+01
.1701E+02	.5880E-01	.3096E+01	.2757E+01	.2513E+01
.1600E+02	.6250E-01	.2821E+01	.2600E+01	.2398E+01
.1499E+02	.6670E-01	.2355E+01	.2187E+01	.2052E+01
.1449E+02	.6900E-01	.2497E+01	.2336E+01	.2194E+01
.1401E+02	.7140E-01	.2689E+01	.2469E+01	.2327E+01
.1350E+02	.7410E-01	.2863E+01	.2607E+01	.2443E+01
.1325E+02	.7550E-01	.2794E+01	.2655E+01	.2488E+01
.1300E+02	.7690E-01	.3052E+01	.2786E+01	.2550E+01
.1276E+02	.7840E-01	.3286E+01	.2828E+01	.2501E+01
.1250E+02	.8000E-01	.3112E+01	.2752E+01	.2503E+01
.1225E+02	.8160E-01	.2995E+01	.2752E+01	.2505E+01
.1200E+02	.8330E-01	.3135E+01	.2708E+01	.2399E+01
.1175E+02	.8510E-01	.2817E+01	.2409E+01	.2129E+01
.1149E+02	.8700E-01	.2842E+01	.2459E+01	.2219E+01
.1125E+02	.8890E-01	.2526E+01	.2334E+01	.2163E+01
.1100E+02	.9090E-01	.2287E+01	.2147E+01	.2046E+01
.1075E+02	.9300E-01	.1990E+01	.2014E+01	.1972E+01
.1050E+02	.9520E-01	.2337E+01	.2169E+01	.2043E+01
.1025E+02	.9760E-01	.2519E+01	.2314E+01	.2134E+01
.1000E+02	.1000E+00	.2612E+01	.2353E+01	.2157E+01
.9747E+01	.1026E+00	.2631E+01	.2350E+01	.2116E+01
.9497E+01	.1053E+00	.3226E+01	.2750E+01	.2410E+01
.9251E+01	.1081E+00	.3298E+01	.2809E+01	.2446E+01
.9001E+01	.1111E+00	.3288E+01	.2722E+01	.2370E+01
.8749E+01	.1143E+00	.2965E+01	.2433E+01	.2220E+01
.8503E+01	.1176E+00	.2461E+01	.2127E+01	.2012E+01
.8251E+01	.1212E+00	.2318E+01	.2186E+01	.2093E+01
.8000E+01	.1250E+00	.2430E+01	.2258E+01	.2133E+01
.7874E+01	.1270E+00	.2300E+01	.2211E+01	.2111E+01
.7752E+01	.1290E+00	.2266E+01	.2175E+01	.2073E+01
.7628E+01	.1311E+00	.2345E+01	.2171E+01	.2036E+01
.7502E+01	.1333E+00	.2386E+01	.2066E+01	.1925E+01
.7375E+01	.1356E+00	.2681E+01	.2152E+01	.1824E+01
.7252E+01	.1379E+00	.2736E+01	.2292E+01	.1955E+01
.7123E+01	.1404E+00	.2685E+01	.2299E+01	.1981E+01
.6998E+01	.1429E+00	.2627E+01	.2247E+01	.1936E+01
.6873E+01	.1455E+00	.2542E+01	.2152E+01	.1850E+01
.6752E+01	.1481E+00	.2410E+01	.2032E+01	.1789E+01
.6627E+01	.1509E+00	.2547E+01	.2143E+01	.1926E+01
.6502E+01	.1538E+00	.2441E+01	.2071E+01	.1882E+01
.6373E+01	.1569E+00	.2661E+01	.2269E+01	.1991E+01
.6250E+01	.1600E+00	.2793E+01	.2429E+01	.2127E+01
.6124E+01	.1633E+00	.2938E+01	.2450E+01	.2121E+01
.5999E+01	.1667E+00	.2479E+01	.2153E+01	.1920E+01



.5875E+01	.1702E+00	.2301E+01	.2110E+01	.1948E+01
.5750E+01	.1700E+00	.2325E+01	.2085E+01	.1918E+01
.5624E+01	.1778E+00	.2363E+01	.1963E+01	.1784E+01
.5501E+01	.1818E+00	.2432E+01	.2060E+01	.1787E+01
.5376E+01	.1860E+00	.2288E+01	.1912E+01	.1745E+01
.5263E+01	.1900E+00	.2346E+01	.1978E+01	.1801E+01
.5126E+01	.1951E+00	.2484E+01	.2128E+01	.1841E+01
.5000E+01	.2000E+00	.2615E+01	.2223E+01	.1923E+01
.4900E+01	.2041E+00	.2630E+01	.2244E+01	.1945E+01
.4801E+01	.2083E+00	.2614E+01	.2176E+01	.1883E+01
.4699E+01	.2128E+00	.2968E+01	.2393E+01	.2048E+01
.4600E+01	.2174E+00	.2774E+01	.2333E+01	.2018E+01
.4500E+01	.2222E+00	.3117E+01	.2335E+01	.1938E+01
.4399E+01	.2273E+00	.3008E+01	.2410E+01	.2004E+01
.4299E+01	.2326E+00	.2476E+01	.2202E+01	.1960E+01
.4200E+01	.2381E+00	.2220E+01	.2056E+01	.1893E+01
.4100E+01	.2439E+00	.2571E+01	.2216E+01	.1937E+01
.4000E+01	.2500E+00	.2738E+01	.2267E+01	.1927E+01
.3900E+01	.2564E+00	.2516E+01	.1959E+01	.1655E+01
.3799E+01	.2632E+00	.2466E+01	.2045E+01	.1775E+01
.3700E+01	.2703E+00	.2186E+01	.1952E+01	.1740E+01
.3600E+01	.2778E+00	.2057E+01	.1743E+01	.1538E+01
.3449E+01	.2899E+00	.2383E+01	.2002E+01	.1750E+01
.3299E+01	.3031E+00	.2201E+01	.1868E+01	.1647E+01
.3150E+01	.3175E+00	.1806E+01	.1649E+01	.1522E+01
.3000E+01	.3333E+00	.2344E+01	.2010E+01	.1775E+01
.2900E+01	.3448E+00	.2011E+01	.1770E+01	.1597E+01
.2800E+01	.3571E+00	.2220E+01	.1933E+01	.1710E+01
.2700E+01	.3704E+00	.2590E+01	.2022E+01	.1674E+01
.2600E+01	.3846E+00	.2247E+01	.2011E+01	.1797E+01
.2500E+01	.4000E+00	.1831E+01	.1759E+01	.1660E+01
.2400E+01	.4167E+00	.2073E+01	.1885E+01	.1703E+01
.2300E+01	.4348E+00	.2661E+01	.2111E+01	.1754E+01
.2200E+01	.4545E+00	.2185E+01	.1906E+01	.1703E+01
.2100E+01	.4762E+00	.1569E+01	.1472E+01	.1406E+01
.2000E+01	.5000E+00	.1548E+01	.1423E+01	.1343E+01
.1900E+01	.5263E+00	.1776E+01	.1544E+01	.1382E+01
.1800E+01	.5556E+00	.1784E+01	.1519E+01	.1324E+01
.1700E+01	.5882E+00	.1375E+01	.1318E+01	.1235E+01
.1600E+01	.6250E+00	.1649E+01	.1348E+01	.1142E+01
.1500E+01	.6667E+00	.1152E+01	.1087E+01	.1023E+01
.1400E+01	.7143E+00	.1142E+01	.1062E+01	.9877E+00
.1300E+01	.7692E+00	.1226E+01	.1064E+01	.9415E+00
.1200E+01	.8333E+00	.8750E+00	.8491E+00	.8131E+00
.1100E+01	.9091E+00	.9416E+00	.7985E+00	.7157E+00
.1000E+01	.1000E+01	.7998E+00	.6700E+00	.6324E+00

DATA IS OUT OF THE FRAME, YMAX= .12000E+02 Y(I,J) = .12988E+02

DATA IS OUT OF THE FRAME, YMAX= .12000E+02 Y(I,J) = .14900E+02

DATA IS OUT OF THE FRAME, YMAX= .12000E+02 Y(I,J) = .12147E+02



SPECTRAL ACCELERATION FOR NODE 22, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1021E+01	.9844E+00	.9582E+00
.3100E+02	.3226E-01	.1182E+01	.1120E+01	.1103E+01
.2801E+02	.3570E-01	.2175E+01	.1772E+01	.1544E+01
.2500E+02	.4000E-01	.2571E+01	.2109E+01	.1789E+01
.2198E+02	.4550E-01	.1502E+01	.1406E+01	.1282E+01
.2000E+02	.5000E-01	.1489E+01	.1384E+01	.1311E+01
.1799E+02	.5560E-01	.1363E+01	.1164E+01	.1120E+01
.1701E+02	.5880E-01	.1590E+01	.1461E+01	.1363E+01
.1600E+02	.6250E-01	.1759E+01	.1647E+01	.1546E+01
.1499E+02	.6570E-01	.1651E+01	.1576E+01	.1512E+01
.1449E+02	.6900E-01	.1711E+01	.1614E+01	.1535E+01
.1401E+02	.7140E-01	.1791E+01	.1521E+01	.1536E+01
.1350E+02	.7410E-01	.1791E+01	.1618E+01	.1526E+01
.1325E+02	.7550E-01	.1752E+01	.1636E+01	.1537E+01
.1300E+02	.7690E-01	.1828E+01	.1672E+01	.1540E+01
.1276E+02	.7840E-01	.1952E+01	.1695E+01	.1521E+01
.1250E+02	.8000E-01	.1813E+01	.1576E+01	.1436E+01
.1225E+02	.8160E-01	.1768E+01	.1642E+01	.1505E+01
.1200E+02	.8330E-01	.1978E+01	.1725E+01	.1542E+01
.1175E+02	.8510E-01	.1914E+01	.1567E+01	.1488E+01
.1149E+02	.8700E-01	.1841E+01	.1616E+01	.1475E+01
.1125E+02	.8890E-01	.1717E+01	.1597E+01	.1485E+01
.1100E+02	.9090E-01	.1503E+01	.1512E+01	.1444E+01
.1075E+02	.9300E-01	.1433E+01	.1449E+01	.1423E+01
.1050E+02	.9520E-01	.1556E+01	.1560E+01	.1480E+01
.1025E+02	.9760E-01	.1801E+01	.1666E+01	.1549E+01
.1000E+02	.1000E+00	.1859E+01	.1688E+01	.1559E+01
.9747E+01	.1026E+00	.1945E+01	.1755E+01	.1588E+01
.9497E+01	.1053E+00	.2300E+01	.1965E+01	.1727E+01
.9251E+01	.1081E+00	.2298E+01	.1962E+01	.1712E+01
.9001E+01	.1111E+00	.2425E+01	.1973E+01	.1731E+01
.8749E+01	.1143E+00	.2225E+01	.1851E+01	.1501E+01
.8503E+01	.1176E+00	.1874E+01	.1635E+01	.1472E+01
.8251E+01	.1212E+00	.1711E+01	.1615E+01	.1548E+01
.8000E+01	.1250E+00	.1822E+01	.1697E+01	.1507E+01
.7874E+01	.1270E+00	.1753E+01	.1678E+01	.1500E+01
.7752E+01	.1290E+00	.1738E+01	.1672E+01	.1597E+01
.7628E+01	.1311E+00	.1815E+01	.1687E+01	.1581E+01
.7502E+01	.1333E+00	.1874E+01	.1632E+01	.1520E+01
.7375E+01	.1356E+00	.2109E+01	.1704E+01	.1444E+01
.7252E+01	.1379E+00	.2137E+01	.1794E+01	.1534E+01
.7123E+01	.1404E+00	.2105E+01	.1806E+01	.1560E+01
.6998E+01	.1429E+00	.2080E+01	.1784E+01	.1543E+01
.6873E+01	.1455E+00	.2033E+01	.1727E+01	.1491E+01
.6752E+01	.1481E+00	.1973E+01	.1630E+01	.1468E+01
.6627E+01	.1509E+00	.2081E+01	.1750E+01	.1572E+01
.6502E+01	.1538E+00	.1938E+01	.1656E+01	.1518E+01
.6373E+01	.1569E+00	.2203E+01	.1885E+01	.1657E+01
.6250E+01	.1500E+00	.2305E+01	.2003E+01	.1754E+01
.6124E+01	.1633E+00	.2423E+01	.2022E+01	.1752E+01
.5999E+01	.1667E+00	.2069E+01	.1799E+01	.1603E+01





.5875E+01	.1702E+00	.1887E+01	.1727E+01	.1590E+01
.5750E+01	.1739E+00	.1927E+01	.1719E+01	.1580E+01
.5624E+01	.1778E+00	.2029E+01	.1591E+01	.1492E+01
.5501E+01	.1818E+00	.2091E+01	.1775E+01	.1544E+01
.5376E+01	.1860E+00	.1977E+01	.1557E+01	.1514E+01
.5263E+01	.1900E+00	.2084E+01	.1745E+01	.1560E+01
.5126E+01	.1951E+00	.2209E+01	.1902E+01	.1653E+01
.5000E+01	.2000E+00	.2343E+01	.2003E+01	.1742E+01
.4900E+01	.2041E+00	.2356E+01	.2018E+01	.1756E+01
.4801E+01	.2083E+00	.2318E+01	.1951E+01	.1708E+01
.4699E+01	.2128E+00	.2571E+01	.2126E+01	.1821E+01
.4600E+01	.2174E+00	.2498E+01	.2077E+01	.1796E+01
.4500E+01	.2222E+00	.2804E+01	.2090E+01	.1719E+01
.4399E+01	.2273E+00	.2725E+01	.2191E+01	.1827E+01
.4299E+01	.2326E+00	.2247E+01	.2001E+01	.1783E+01
.4200E+01	.2381E+00	.2019E+01	.1875E+01	.1729E+01
.4100E+01	.2439E+00	.2343E+01	.2018E+01	.1763E+01
.4000E+01	.2500E+00	.2498E+01	.2068E+01	.1756E+01
.3900E+01	.2564E+00	.2294E+01	.1790E+01	.1515E+01
.3799E+01	.2632E+00	.2254E+01	.1868E+01	.1619E+01
.3700E+01	.2703E+00	.2002E+01	.1786E+01	.1591E+01
.3600E+01	.2778E+00	.1891E+01	.1503E+01	.1425E+01
.3449E+01	.2899E+00	.2241E+01	.1887E+01	.1553E+01
.3299E+01	.3031E+00	.2050E+01	.1748E+01	.1542E+01
.3150E+01	.3175E+00	.1598E+01	.1560E+01	.1440E+01
.3000E+01	.3333E+00	.2206E+01	.1889E+01	.1666E+01
.2900E+01	.3448E+00	.1915E+01	.1582E+01	.1528E+01
.2800E+01	.3571E+00	.2124E+01	.1849E+01	.1633E+01
.2700E+01	.3704E+00	.2485E+01	.1940E+01	.1507E+01
.2600E+01	.3846E+00	.2159E+01	.1933E+01	.1729E+01
.2500E+01	.4000E+00	.1764E+01	.1695E+01	.1599E+01
.2400E+01	.4167E+00	.2001E+01	.1818E+01	.1643E+01
.2300E+01	.4348E+00	.2568E+01	.2037E+01	.1592E+01
.2200E+01	.4545E+00	.2116E+01	.1845E+01	.1648E+01
.2100E+01	.4762E+00	.1521E+01	.1426E+01	.1362E+01
.2000E+01	.5000E+00	.1504E+01	.1382E+01	.1303E+01
.1900E+01	.5263E+00	.1732E+01	.1505E+01	.1346E+01
.1800E+01	.5556E+00	.1743E+01	.1482E+01	.1291E+01
.1700E+01	.5882E+00	.1349E+01	.1293E+01	.1211E+01
.1600E+01	.6250E+00	.1620E+01	.1326E+01	.1127E+01
.1500E+01	.6667E+00	.1134E+01	.1071E+01	.1008E+01
.1400E+01	.7143E+00	.1127E+01	.1047E+01	.9737E+00
.1300E+01	.7592E+00	.1212E+01	.1047E+01	.9243E+00
.1200E+01	.8333E+00	.8574E+00	.8404E+00	.8041E+00
.1100E+01	.9091E+00	.9311E+00	.7888E+00	.7104E+00
.1000E+01	.1000E+01	.7938E+00	.5633E+00	.5255E+00



## SPECTRAL ACCELERATION FOR NODE 23, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.9199E+00	.9074E+00	.9012E+00
.3100E+02	.3226E-01	.9213E+00	.9158E+00	.9197E+00
.2801E+02	.3570E-01	.1070E+01	.1044E+01	.1028E+01
.2500E+02	.4000E-01	.1090E+01	.1085E+01	.1081E+01
.2198E+02	.4550E-01	.1240E+01	.1217E+01	.1203E+01
.2000E+02	.5000E-01	.1536E+01	.1452E+01	.1387E+01
.1799E+02	.5560E-01	.2353E+01	.2201E+01	.2110E+01
.1701E+02	.5880E-01	.2916E+01	.2715E+01	.2556E+01
.1600E+02	.6250E-01	.3065E+01	.2883E+01	.2723E+01
.1499E+02	.5670E-01	.3219E+01	.2926E+01	.2685E+01
.1449E+02	.6900E-01	.3576E+01	.3279E+01	.2949E+01
.1401E+02	.7140E-01	.4007E+01	.3485E+01	.3129E+01
.1350E+02	.7410E-01	.4021E+01	.3511E+01	.3166E+01
.1325E+02	.7550E-01	.3946E+01	.3584E+01	.3225E+01
.1300E+02	.7590E-01	.4173E+01	.3675E+01	.3248E+01
.1276E+02	.7840E-01	.4415E+01	.3700E+01	.3189E+01
.1250E+02	.8000E-01	.4043E+01	.3391E+01	.2917E+01
.1225E+02	.8160E-01	.3392E+01	.2898E+01	.2604E+01
.1200E+02	.8330E-01	.3464E+01	.3007E+01	.2580E+01
.1175E+02	.8510E-01	.3381E+01	.2924E+01	.2586E+01
.1149E+02	.8700E-01	.2985E+01	.2547E+01	.2271E+01
.1125E+02	.8890E-01	.2535E+01	.2342E+01	.2164E+01
.1100E+02	.9090E-01	.2295E+01	.2154E+01	.2047E+01
.1075E+02	.9300E-01	.1963E+01	.1992E+01	.1957E+01
.1050E+02	.9520E-01	.2267E+01	.2130E+01	.2022E+01
.1025E+02	.9760E-01	.2457E+01	.2267E+01	.2101E+01
.1000E+02	.1000E+00	.2514E+01	.2277E+01	.2099E+01
.9747E+01	.1026E+00	.2552E+01	.2422E+01	.2204E+01
.9497E+01	.1053E+00	.3156E+01	.2715E+01	.2401E+01
.9251E+01	.1081E+00	.3109E+01	.2666E+01	.2335E+01
.9001E+01	.1111E+00	.2983E+01	.2301E+01	.1967E+01
.8749E+01	.1143E+00	.2723E+01	.2249E+01	.1906E+01
.8503E+01	.1176E+00	.2257E+01	.1958E+01	.1728E+01
.8251E+01	.1212E+00	.1994E+01	.1890E+01	.1819E+01
.8000E+01	.1250E+00	.2165E+01	.2018E+01	.1913E+01
.7874E+01	.1270E+00	.2098E+01	.2007E+01	.1914E+01
.7752E+01	.1290E+00	.2078E+01	.2004E+01	.1917E+01
.7628E+01	.1311E+00	.2173E+01	.2028E+01	.1905E+01
.7502E+01	.1333E+00	.2275E+01	.1978E+01	.1844E+01
.7375E+01	.1356E+00	.2425E+01	.1963E+01	.1677E+01
.7252E+01	.1379E+00	.2495E+01	.2099E+01	.1799E+01
.7123E+01	.1404E+00	.2461E+01	.2117E+01	.1833E+01
.6998E+01	.1429E+00	.2419E+01	.2079E+01	.1802E+01
.6873E+01	.1455E+00	.2327E+01	.1985E+01	.1714E+01
.6752E+01	.1481E+00	.2193E+01	.1831E+01	.1736E+01
.6627E+01	.1509E+00	.2409E+01	.2050E+01	.1854E+01
.6502E+01	.1538E+00	.2260E+01	.1946E+01	.1790E+01
.6373E+01	.1569E+00	.2405E+01	.2050E+01	.1799E+01
.6250E+01	.1500E+00	.2532E+01	.2203E+01	.1930E+01
.6124E+01	.1633E+00	.2590E+01	.2239E+01	.1942E+01
.5999E+01	.1667E+00	.2304E+01	.2003E+01	.1783E+01



.5875E+01	.1702E+00	.2127E+01	.1955E+01	.1806E+01
.5750E+01	.1739E+00	.2138E+01	.1917E+01	.1763E+01
.5624E+01	.1778E+00	.2182E+01	.1815E+01	.1640E+01
.5501E+01	.1818E+00	.2260E+01	.1919E+01	.1569E+01
.5376E+01	.1860E+00	.2132E+01	.1786E+01	.1615E+01
.5263E+01	.1900E+00	.2209E+01	.1845E+01	.1655E+01
.5126E+01	.1951E+00	.2326E+01	.1995E+01	.1728E+01
.5000E+01	.2000E+00	.2464E+01	.2101E+01	.1823E+01
.4900E+01	.2041E+00	.2482E+01	.2123E+01	.1844E+01
.4801E+01	.2083E+00	.2459E+01	.2050E+01	.1789E+01
.4699E+01	.2128E+00	.2802E+01	.2246E+01	.1923E+01
.4600E+01	.2174E+00	.2524E+01	.2184E+01	.1889E+01
.4500E+01	.2222E+00	.2947E+01	.2210E+01	.1815E+01
.4399E+01	.2273E+00	.2847E+01	.2284E+01	.1903E+01
.4299E+01	.2326E+00	.2347E+01	.2090E+01	.1861E+01
.4200E+01	.2381E+00	.2098E+01	.1954E+01	.1800E+01
.4100E+01	.2439E+00	.2444E+01	.2108E+01	.1844E+01
.4000E+01	.2500E+00	.2510E+01	.2163E+01	.1838E+01
.3900E+01	.2564E+00	.2379E+01	.1857E+01	.1575E+01
.3799E+01	.2532E+00	.2337E+01	.1936E+01	.1578E+01
.3700E+01	.2703E+00	.2076E+01	.1854E+01	.1649E+01
.3600E+01	.2778E+00	.1959E+01	.1656E+01	.1472E+01
.3449E+01	.2899E+00	.2300E+01	.1935E+01	.1694E+01
.3299E+01	.3031E+00	.2117E+01	.1795E+01	.1583E+01
.3150E+01	.3175E+00	.1740E+01	.1599E+01	.1476E+01
.3000E+01	.3333E+00	.2255E+01	.1930E+01	.1702E+01
.2900E+01	.3448E+00	.1955E+01	.1715E+01	.1550E+01
.2800E+01	.3571E+00	.2163E+01	.1883E+01	.1669E+01
.2700E+01	.3704E+00	.2530E+01	.1975E+01	.1636E+01
.2600E+01	.3846E+00	.2196E+01	.1965E+01	.1756E+01
.2500E+01	.4000E+00	.1793E+01	.1723E+01	.1626E+01
.2400E+01	.4167E+00	.2030E+01	.1845E+01	.1667E+01
.2300E+01	.4348E+00	.2507E+01	.2068E+01	.1719E+01
.2200E+01	.4545E+00	.2145E+01	.1870E+01	.1670E+01
.2100E+01	.4762E+00	.1540E+01	.1445E+01	.1380E+01
.2000E+01	.5000E+00	.1521E+01	.1398E+01	.1318E+01
.1900E+01	.5263E+00	.1750E+01	.1521E+01	.1362E+01
.1800E+01	.5556E+00	.1757E+01	.1495E+01	.1302E+01
.1700E+01	.5882E+00	.1359E+01	.1303E+01	.1220E+01
.1600E+01	.6250E+00	.1530E+01	.1334E+01	.1133E+01
.1500E+01	.6667E+00	.1142E+01	.1078E+01	.1015E+01
.1400E+01	.7143E+00	.1133E+01	.1052E+01	.9785E+00
.1300E+01	.7592E+00	.1216E+01	.1051E+01	.9287E+00
.1200E+01	.8333E+00	.8707E+00	.8425E+00	.8061E+00
.1100E+01	.9091E+00	.9357E+00	.7932E+00	.7120E+00
.1000E+01	.1000E+01	.7962E+00	.6559E+00	.6281E+00



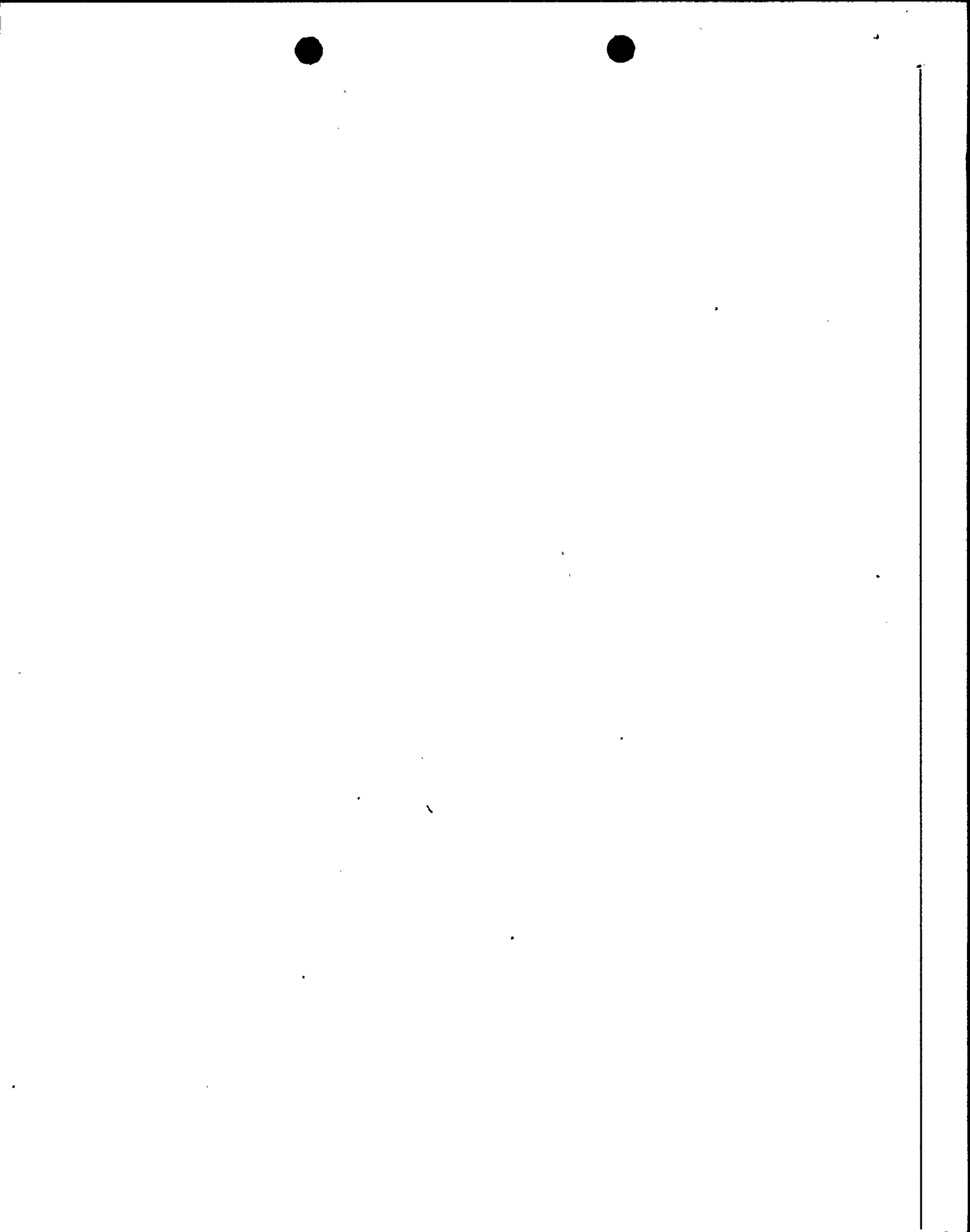
## SPECTRAL ACCELERATION FOR NODE 30, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1745E+01	.1549E+01	.1411E+01
.3100E+02	.3226E-01	.2560E+01	.2304E+01	.2048E+01
.2801E+02	.3570E-01	.4393E+01	.3390E+01	.2771E+01
.2500E+02	.4000E-01	.2790E+01	.2403E+01	.2160E+01
.2198E+02	.4550E-01	.1687E+01	.1548E+01	.1491E+01
.2000E+02	.5000E-01	.1777E+01	.1550E+01	.1562E+01
.1799E+02	.5560E-01	.1548E+01	.1334E+01	.1291E+01
.1701E+02	.5880E-01	.1401E+01	.1264E+01	.1208E+01
.1600E+02	.6250E-01	.1576E+01	.1467E+01	.1374E+01
.1499E+02	.6570E-01	.1558E+01	.1482E+01	.1410E+01
.1449E+02	.6900E-01	.1533E+01	.1529E+01	.1442E+01
.1401E+02	.7140E-01	.1513E+01	.1515E+01	.1448E+01
.1350E+02	.7410E-01	.1855E+01	.1531E+01	.1517E+01
.1325E+02	.7550E-01	.1849E+01	.1663E+01	.1554E+01
.1300E+02	.7690E-01	.2051E+01	.1772E+01	.1595E+01
.1276E+02	.7840E-01	.2317E+01	.1905E+01	.1518E+01
.1250E+02	.8000E-01	.2289E+01	.1907E+01	.1717E+01
.1225E+02	.8160E-01	.2100E+01	.1947E+01	.1780E+01
.1200E+02	.8330E-01	.2323E+01	.2018E+01	.1799E+01
.1175E+02	.8510E-01	.2225E+01	.1925E+01	.1701E+01
.1149E+02	.8700E-01	.2164E+01	.1893E+01	.1724E+01
.1125E+02	.8900E-01	.1974E+01	.1837E+01	.1707E+01
.1100E+02	.9090E-01	.1810E+01	.1710E+01	.1632E+01
.1075E+02	.9300E-01	.1593E+01	.1515E+01	.1588E+01
.1050E+02	.9520E-01	.1848E+01	.1727E+01	.1638E+01
.1025E+02	.9760E-01	.1982E+01	.1830E+01	.1599E+01
.1000E+02	.1000E+00	.2037E+01	.1847E+01	.1703E+01
.9747E+01	.1026E+00	.2098E+01	.1888E+01	.1707E+01
.9497E+01	.1053E+00	.2491E+01	.2130E+01	.1874E+01
.9251E+01	.1081E+00	.2528E+01	.2159E+01	.1888E+01
.9001E+01	.1111E+00	.2510E+01	.2057E+01	.1790E+01
.8749E+01	.1143E+00	.2377E+01	.1971E+01	.1585E+01
.8503E+01	.1176E+00	.1993E+01	.1735E+01	.1527E+01
.8251E+01	.1212E+00	.1768E+01	.1565E+01	.1595E+01
.8000E+01	.1250E+00	.1893E+01	.1761E+01	.1667E+01
.7874E+01	.1270E+00	.1828E+01	.1751E+01	.1670E+01
.7752E+01	.1290E+00	.1810E+01	.1742E+01	.1664E+01
.7528E+01	.1311E+00	.1902E+01	.1768E+01	.1657E+01
.7502E+01	.1333E+00	.1972E+01	.1717E+01	.1593E+01
.7375E+01	.1356E+00	.2207E+01	.1779E+01	.1504E+01
.7252E+01	.1379E+00	.2239E+01	.1878E+01	.1604E+01
.7123E+01	.1404E+00	.2212E+01	.1898E+01	.1540E+01
.6998E+01	.1429E+00	.2191E+01	.1882E+01	.1529E+01
.6873E+01	.1455E+00	.2140E+01	.1820E+01	.1572E+01
.6752E+01	.1481E+00	.2039E+01	.1707E+01	.1537E+01
.6627E+01	.1509E+00	.2172E+01	.1830E+01	.1648E+01
.6502E+01	.1538E+00	.2044E+01	.1746E+01	.1597E+01
.6373E+01	.1569E+00	.2271E+01	.1939E+01	.1701E+01
.6250E+01	.1600E+00	.2376E+01	.2063E+01	.1807E+01
.6124E+01	.1633E+00	.2511E+01	.2092E+01	.1812E+01
.5999E+01	.1667E+00	.2145E+01	.1864E+01	.1560E+01



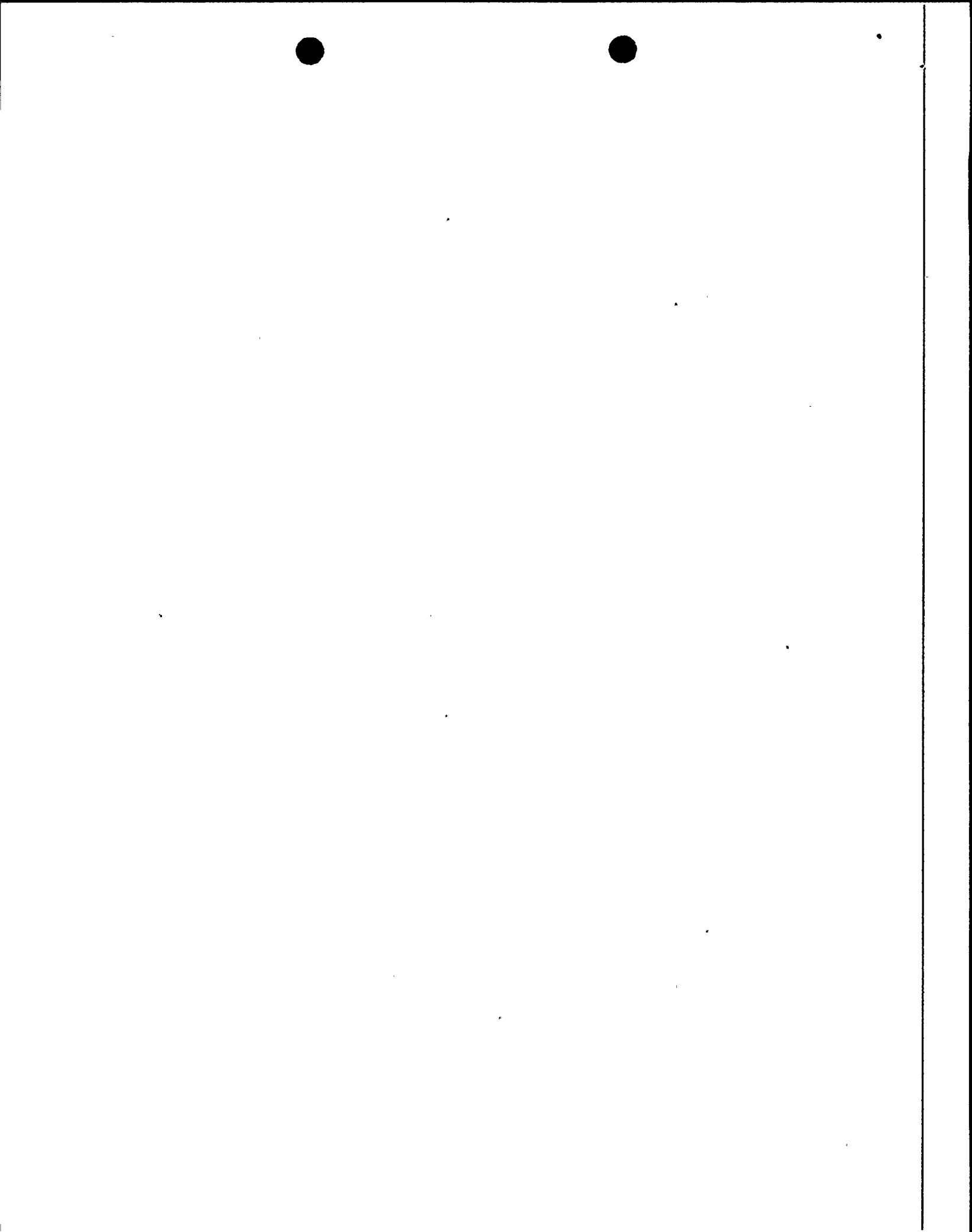


.5875E+01	.1702E+00	.1974E+01	.1909E+01	.1568E+01
.5750E+01	.1739E+00	.2014E+01	.1799E+01	.1656E+01
.5624E+01	.1778E+00	.2082E+01	.1733E+01	.1558E+01
.5501E+01	.1818E+00	.2148E+01	.1822E+01	.1585E+01
.5376E+01	.1860E+00	.2031E+01	.1702E+01	.1558E+01
.5263E+01	.1900E+00	.2127E+01	.1778E+01	.1599E+01
.5126E+01	.1951E+00	.2255E+01	.1939E+01	.1684E+01
.5000E+01	.2000E+00	.2399E+01	.2040E+01	.1772E+01
.4900E+01	.2041E+00	.2401E+01	.2054E+01	.1786E+01
.4801E+01	.2083E+00	.2368E+01	.1987E+01	.1738E+01
.4699E+01	.2128E+00	.2720E+01	.2171E+01	.1860E+01
.4600E+01	.2174E+00	.2543E+01	.2120E+01	.1834E+01
.4500E+01	.2222E+00	.2955E+01	.2133E+01	.1756E+01
.4399E+01	.2273E+00	.2768E+01	.2224E+01	.1854E+01
.4299E+01	.2326E+00	.2286E+01	.2035E+01	.1813E+01
.4200E+01	.2381E+00	.2052E+01	.1907E+01	.1757E+01
.4100E+01	.2439E+00	.2379E+01	.2048E+01	.1788E+01
.4000E+01	.2500E+00	.2539E+01	.2102E+01	.1785E+01
.3900E+01	.2564E+00	.2329E+01	.1817E+01	.1539E+01
.3799E+01	.2632E+00	.2291E+01	.1900E+01	.1648E+01
.3700E+01	.2703E+00	.2028E+01	.1809E+01	.1611E+01
.3600E+01	.2778E+00	.1916E+01	.1625E+01	.1442E+01
.3449E+01	.2899E+00	.2265E+01	.1907E+01	.1571E+01
.3299E+01	.3031E+00	.2083E+01	.1766E+01	.1558E+01
.3150E+01	.3175E+00	.1714E+01	.1575E+01	.1453E+01
.3000E+01	.3333E+00	.2228E+01	.1908E+01	.1683E+01
.2900E+01	.3448E+00	.1929E+01	.1694E+01	.1538E+01
.2800E+01	.3571E+00	.2138E+01	.1862E+01	.1645E+01
.2700E+01	.3704E+00	.2503E+01	.1954E+01	.1618E+01
.2600E+01	.3846E+00	.2172E+01	.1944E+01	.1738E+01
.2500E+01	.4000E+00	.1775E+01	.1706E+01	.1610E+01
.2400E+01	.4167E+00	.2012E+01	.1829E+01	.1653E+01
.2300E+01	.4348E+00	.2584E+01	.2050E+01	.1703E+01
.2200E+01	.4545E+00	.2127E+01	.1855E+01	.1656E+01
.2100E+01	.4762E+00	.1528E+01	.1434E+01	.1369E+01
.2000E+01	.5000E+00	.1511E+01	.1388E+01	.1309E+01
.1900E+01	.5263E+00	.1739E+01	.1511E+01	.1352E+01
.1800E+01	.5556E+00	.1749E+01	.1488E+01	.1296E+01
.1700E+01	.5882E+00	.1353E+01	.1296E+01	.1214E+01
.1600E+01	.6250E+00	.1624E+01	.1329E+01	.1129E+01
.1500E+01	.6567E+00	.1137E+01	.1073E+01	.1010E+01
.1400E+01	.7143E+00	.1130E+01	.1049E+01	.9761E+00
.1300E+01	.7592E+00	.1214E+01	.1050E+01	.9268E+00
.1200E+01	.8333E+00	.8587E+00	.8415E+00	.8054E+00
.1100E+01	.9091E+00	.9327E+00	.7904E+00	.7109E+00
.1000E+01	.1000E+01	.7946E+00	.6645E+00	.6267E+00



SPECTRAL ACCELERATION FOR NODE 31, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1102E+01	.1067E+01	.1042E+01
.3100E+02	.3226E-01	.1189E+01	.1168E+01	.1145E+01
.2801E+02	.3570E-01	.2073E+01	.1776E+01	.1621E+01
.2500E+02	.4000E-01	.3133E+01	.2580E+01	.2183E+01
.2198E+02	.4550E-01	.1878E+01	.1585E+01	.1441E+01
.2000E+02	.5000E-01	.1717E+01	.1579E+01	.1488E+01
.1799E+02	.5560E-01	.1524E+01	.1289E+01	.1254E+01
.1701E+02	.5980E-01	.1260E+01	.1231E+01	.1208E+01
.1600E+02	.6250E-01	.1465E+01	.1365E+01	.1281E+01
.1499E+02	.6670E-01	.1514E+01	.1436E+01	.1365E+01
.1449E+02	.5900E-01	.1596E+01	.1498E+01	.1415E+01
.1401E+02	.7140E-01	.1536E+01	.1517E+01	.1448E+01
.1350E+02	.7410E-01	.1973E+01	.1708E+01	.1542E+01
.1325E+02	.7550E-01	.2019E+01	.1815E+01	.1624E+01
.1300E+02	.7690E-01	.2293E+01	.1986E+01	.1736E+01
.1276E+02	.7340E-01	.2600E+01	.2142E+01	.1822E+01
.1250E+02	.8000E-01	.2559E+01	.2130E+01	.1845E+01
.1225E+02	.8160E-01	.2348E+01	.2088E+01	.1909E+01
.1200E+02	.8330E-01	.2538E+01	.2196E+01	.1952E+01
.1175E+02	.8510E-01	.2471E+01	.2130E+01	.1880E+01
.1149E+02	.8700E-01	.2308E+01	.2008E+01	.1823E+01
.1125E+02	.8890E-01	.2109E+01	.1951E+01	.1816E+01
.1100E+02	.9090E-01	.1941E+01	.1827E+01	.1745E+01
.1075E+02	.9300E-01	.1585E+01	.1713E+01	.1587E+01
.1050E+02	.9520E-01	.1948E+01	.1839E+01	.1754E+01
.1025E+02	.9760E-01	.2122E+01	.1966E+01	.1830E+01
.1000E+02	.1000E+00	.2182E+01	.1985E+01	.1835E+01
.9747E+01	.1026E+00	.2185E+01	.1983E+01	.1798E+01
.9497E+01	.1053E+00	.2534E+01	.2260E+01	.1993E+01
.9251E+01	.1081E+00	.2656E+01	.2276E+01	.1993E+01
.9001E+01	.1111E+00	.2592E+01	.2090E+01	.1811E+01
.8749E+01	.1143E+00	.2445E+01	.2027E+01	.1734E+01
.8503E+01	.1176E+00	.2032E+01	.1767E+01	.1553E+01
.8251E+01	.1212E+00	.1768E+01	.1563E+01	.1591E+01
.8000E+01	.1250E+00	.1898E+01	.1761E+01	.1665E+01
.7874E+01	.1270E+00	.1832E+01	.1755E+01	.1673E+01
.7752E+01	.1290E+00	.1821E+01	.1750E+01	.1668E+01
.7628E+01	.1311E+00	.1914E+01	.1778E+01	.1567E+01
.7502E+01	.1333E+00	.2003E+01	.1735E+01	.1610E+01
.7375E+01	.1356E+00	.2240E+01	.1805E+01	.1531E+01
.7252E+01	.1379E+00	.2279E+01	.1913E+01	.1635E+01
.7123E+01	.1404E+00	.2245E+01	.1927E+01	.1664E+01
.6998E+01	.1429E+00	.2218E+01	.1904E+01	.1647E+01
.6873E+01	.1455E+00	.2166E+01	.1841E+01	.1589E+01
.6752E+01	.1481E+00	.2046E+01	.1733E+01	.1557E+01
.6627E+01	.1509E+00	.2195E+01	.1859E+01	.1676E+01
.6502E+01	.1538E+00	.2085E+01	.1782E+01	.1628E+01
.6373E+01	.1569E+00	.2292E+01	.1956E+01	.1716E+01
.6250E+01	.1500E+00	.2393E+01	.2077E+01	.1815E+01
.6124E+01	.1533E+00	.2525E+01	.2101E+01	.1819E+01
.5999E+01	.1567E+00	.2156E+01	.1879E+01	.1570E+01

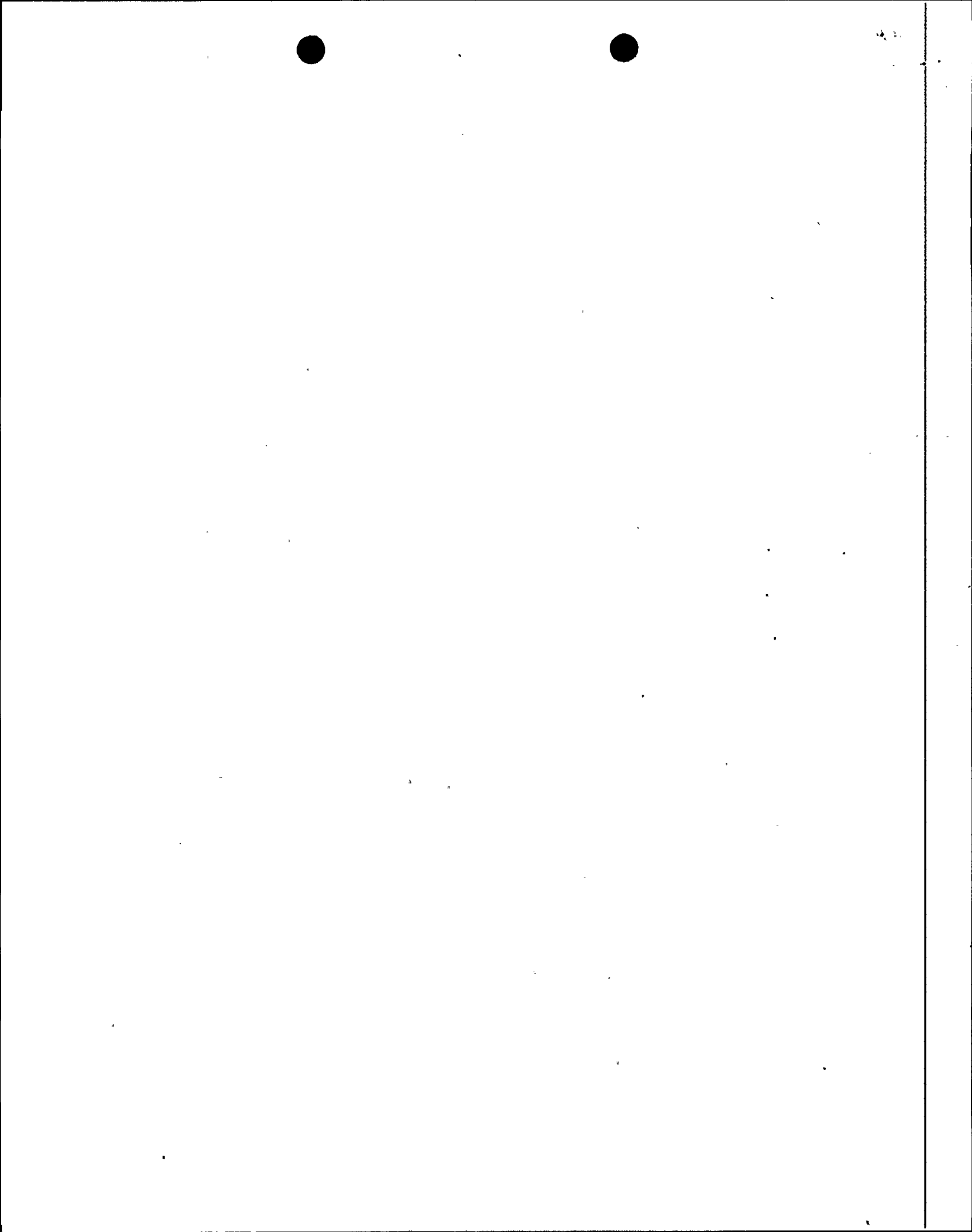


.5875E+01	.1700E+00	.2003E+01	.1837E+01	.1695E+01
.5750E+01	.1739E+00	.2039E+01	.1824E+01	.1680E+01
.5624E+01	.1778E+00	.2094E+01	.1742E+01	.1578E+01
.5501E+01	.1818E+00	.2155E+01	.1827E+01	.1588E+01
.5376E+01	.1860E+00	.2043E+01	.1711E+01	.1579E+01
.5263E+01	.1900E+00	.2138E+01	.1786E+01	.1622E+01
.5126E+01	.1951E+00	.2262E+01	.1945E+01	.1688E+01
.5000E+01	.2000E+00	.2401E+01	.2051E+01	.1781E+01
.4900E+01	.2041E+00	.2410E+01	.2062E+01	.1792E+01
.4801E+01	.2083E+00	.2375E+01	.1992E+01	.1742E+01
.4699E+01	.2128E+00	.2731E+01	.2185E+01	.1872E+01
.4600E+01	.2174E+00	.2553E+01	.2130E+01	.1843E+01
.4500E+01	.2222E+00	.2863E+01	.2141E+01	.1758E+01
.4399E+01	.2273E+00	.2780E+01	.2234E+01	.1862E+01
.4299E+01	.2326E+00	.2291E+01	.2040E+01	.1817E+01
.4200E+01	.2381E+00	.2057E+01	.1910E+01	.1760E+01
.4100E+01	.2439E+00	.2386E+01	.2055E+01	.1795E+01
.4000E+01	.2500E+00	.2545E+01	.2108E+01	.1789E+01
.3900E+01	.2564E+00	.2336E+01	.1824E+01	.1545E+01
.3799E+01	.2632E+00	.2294E+01	.1901E+01	.1648E+01
.3700E+01	.2703E+00	.2035E+01	.1816E+01	.1617E+01
.3600E+01	.2778E+00	.1918E+01	.1626E+01	.1445E+01
.3449E+01	.2899E+00	.2268E+01	.1909E+01	.1673E+01
.3299E+01	.3031E+00	.2086E+01	.1771E+01	.1563E+01
.3150E+01	.3175E+00	.1718E+01	.1578E+01	.1457E+01
.3000E+01	.3333E+00	.2229E+01	.1908E+01	.1683E+01
.2900E+01	.3448E+00	.1933E+01	.1697E+01	.1539E+01
.2800E+01	.3571E+00	.2140E+01	.1863E+01	.1647E+01
.2700E+01	.3704E+00	.2506E+01	.1957E+01	.1620E+01
.2600E+01	.3846E+00	.2175E+01	.1947E+01	.1740E+01
.2500E+01	.4000E+00	.1777E+01	.1707E+01	.1511E+01
.2400E+01	.4167E+00	.2015E+01	.1831E+01	.1655E+01
.2300E+01	.4348E+00	.2585E+01	.2051E+01	.1704E+01
.2200E+01	.4545E+00	.2129E+01	.1856E+01	.1658E+01
.2100E+01	.4762E+00	.1530E+01	.1435E+01	.1370E+01
.2000E+01	.5000E+00	.1512E+01	.1390E+01	.1310E+01
.1900E+01	.5263E+00	.1740E+01	.1512E+01	.1353E+01
.1800E+01	.5556E+00	.1750E+01	.1488E+01	.1297E+01
.1700E+01	.5882E+00	.1353E+01	.1297E+01	.1215E+01
.1600E+01	.6250E+00	.1624E+01	.1329E+01	.1129E+01
.1500E+01	.6667E+00	.1137E+01	.1073E+01	.1010E+01
.1400E+01	.7143E+00	.1130E+01	.1050E+01	.9766E+00
.1300E+01	.7592E+00	.1214E+01	.1050E+01	.9272E+00
.1200E+01	.8333E+00	.8689E+00	.8417E+00	.8055E+00
.1100E+01	.9091E+00	.9328E+00	.7904E+00	.7111E+00
.1000E+01	.1000E+01	.7947E+00	.6647E+00	.6269E+00



SPECTRAL ACCELERATION FOR NODE 32, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 O/O DAMPING SA	3.0 O/O DAMPING SA	4.0 O/O DAMPING SA
.3401E+02	.2940E-01	.8637E+01	.7529E+01	.6717E+01
.3100E+02	.3226E-01	.1101E+02	.9064E+01	.7909E+01
.2801E+02	.3570E-01	.7931E+01	.6227E+01	.5139E+01
.2500E+02	.4000E-01	.4555E+01	.3938E+01	.3588E+01
.2198E+02	.4550E-01	.3067E+01	.2800E+01	.2682E+01
.2000E+02	.5000E-01	.3124E+01	.2873E+01	.2696E+01
.1799E+02	.5560E-01	.2574E+01	.2209E+01	.2109E+01
.1701E+02	.5880E-01	.2526E+01	.2263E+01	.2074E+01
.1600E+02	.6250E-01	.2393E+01	.2202E+01	.2046E+01
.1499E+02	.6670E-01	.2042E+01	.1927E+01	.1816E+01
.1449E+02	.6900E-01	.2143E+01	.1998E+01	.1874E+01
.1401E+02	.7140E-01	.2258E+01	.2075E+01	.1960E+01
.1350E+02	.7410E-01	.2484E+01	.2218E+01	.2075E+01
.1325E+02	.7550E-01	.2457E+01	.2278E+01	.2133E+01
.1300E+02	.7690E-01	.2633E+01	.2400E+01	.2196E+01
.1276E+02	.7840E-01	.2875E+01	.2476E+01	.2194E+01
.1250E+02	.8000E-01	.2760E+01	.2432E+01	.2206E+01
.1225E+02	.8160E-01	.2649E+01	.2439E+01	.2225E+01
.1200E+02	.8330E-01	.2810E+01	.2436E+01	.2167E+01
.1175E+02	.8510E-01	.2574E+01	.2215E+01	.1953E+01
.1149E+02	.8700E-01	.2579E+01	.2239E+01	.2026E+01
.1125E+02	.8890E-01	.2304E+01	.2132E+01	.1981E+01
.1100E+02	.9090E-01	.2091E+01	.1967E+01	.1878E+01
.1075E+02	.9300E-01	.1826E+01	.1849E+01	.1811E+01
.1050E+02	.9520E-01	.2139E+01	.1989E+01	.1876E+01
.1025E+02	.9760E-01	.2301E+01	.2116E+01	.1955E+01
.1000E+02	.1000E+00	.2385E+01	.2152E+01	.1977E+01
.9747E+01	.1026E+00	.2423E+01	.2164E+01	.1943E+01
.9497E+01	.1053E+00	.2931E+01	.2500E+01	.2193E+01
.9251E+01	.1081E+00	.3005E+01	.2563E+01	.2236E+01
.9001E+01	.1111E+00	.3032E+01	.2455E+01	.2135E+01
.8749E+01	.1143E+00	.2740E+01	.2256E+01	.2009E+01
.8503E+01	.1176E+00	.2284E+01	.1979E+01	.1839E+01
.8251E+01	.1212E+00	.2122E+01	.2002E+01	.1919E+01
.8000E+01	.1250E+00	.2244E+01	.2089E+01	.1976E+01
.7874E+01	.1270E+00	.2140E+01	.2048E+01	.1958E+01
.7752E+01	.1290E+00	.2112E+01	.2029E+01	.1935E+01
.7628E+01	.1311E+00	.2187E+01	.2028E+01	.1905E+01
.7502E+01	.1333E+00	.2235E+01	.1939E+01	.1810E+01
.7375E+01	.1356E+00	.2498E+01	.2006E+01	.1698E+01
.7252E+01	.1379E+00	.2549E+01	.2137E+01	.1824E+01
.7123E+01	.1404E+00	.2513E+01	.2154E+01	.1859E+01
.6998E+01	.1429E+00	.2468E+01	.2114E+01	.1825E+01
.6873E+01	.1455E+00	.2386E+01	.2025E+01	.1743E+01
.6752E+01	.1481E+00	.2253E+01	.1904E+01	.1690E+01
.6627E+01	.1509E+00	.2404E+01	.2017E+01	.1812E+01
.6502E+01	.1538E+00	.2286E+01	.1940E+01	.1762E+01
.6373E+01	.1569E+00	.2514E+01	.2144E+01	.1881E+01
.6250E+01	.1600E+00	.2637E+01	.2293E+01	.2008E+01
.6124E+01	.1633E+00	.2780E+01	.2318E+01	.2007E+01
.5999E+01	.1667E+00	.2354E+01	.2045E+01	.1824E+01





.5875E+01	.1702E+00	.2178E+01	.1998E+01	.1844E+01
.5750E+01	.1739E+00	.2213E+01	.1981E+01	.1825E+01
.5624E+01	.1778E+00	.2259E+01	.1878E+01	.1705E+01
.5501E+01	.1818E+00	.2328E+01	.1972E+01	.1713E+01
.5376E+01	.1860E+00	.2190E+01	.1832E+01	.1674E+01
.5263E+01	.1900E+00	.2265E+01	.1896E+01	.1726E+01
.5126E+01	.1951E+00	.2398E+01	.2057E+01	.1782E+01
.5000E+01	.2000E+00	.2531E+01	.2155E+01	.1867E+01
.4900E+01	.2041E+00	.2544E+01	.2172E+01	.1885E+01
.4801E+01	.2083E+00	.2521E+01	.2100E+01	.1828E+01
.4699E+01	.2128E+00	.2875E+01	.2310E+01	.1978E+01
.4600E+01	.2174E+00	.2688E+01	.2253E+01	.1949E+01
.4500E+01	.2222E+00	.3016E+01	.2260E+01	.1870E+01
.4399E+01	.2273E+00	.2918E+01	.2339E+01	.1947E+01
.4299E+01	.2326E+00	.2405E+01	.2141E+01	.1906E+01
.4200E+01	.2381E+00	.2157E+01	.2000E+01	.1842E+01
.4100E+01	.2439E+00	.2498E+01	.2152E+01	.1881E+01
.4000E+01	.2500E+00	.2665E+01	.2206E+01	.1875E+01
.3900E+01	.2564E+00	.2446E+01	.1905E+01	.1610E+01
.3799E+01	.2632E+00	.2401E+01	.1991E+01	.1727E+01
.3700E+01	.2703E+00	.2126E+01	.1898E+01	.1691E+01
.3600E+01	.2778E+00	.2005E+01	.1699E+01	.1501E+01
.3449E+01	.2899E+00	.2339E+01	.1966E+01	.1720E+01
.3299E+01	.3031E+00	.2157E+01	.1829E+01	.1613E+01
.3150E+01	.3175E+00	.1769E+01	.1621E+01	.1495E+01
.3000E+01	.3333E+00	.2301E+01	.1973E+01	.1741E+01
.2900E+01	.3448E+00	.1979E+01	.1741E+01	.1574E+01
.2800E+01	.3571E+00	.2190E+01	.1907E+01	.1686E+01
.2700E+01	.3704E+00	.2558E+01	.1997E+01	.1653E+01
.2600E+01	.3846E+00	.2220E+01	.1986E+01	.1775E+01
.2500E+01	.4000E+00	.1810E+01	.1740E+01	.1641E+01
.2400E+01	.4167E+00	.2050E+01	.1864E+01	.1685E+01
.2300E+01	.4348E+00	.2632E+01	.2088E+01	.1735E+01
.2200E+01	.4545E+00	.2163E+01	.1887E+01	.1685E+01
.2100E+01	.4762E+00	.1554E+01	.1458E+01	.1392E+01
.2000E+01	.5000E+00	.1534E+01	.1410E+01	.1330E+01
.1900E+01	.5263E+00	.1762E+01	.1532E+01	.1371E+01
.1800E+01	.5556E+00	.1771E+01	.1507E+01	.1314E+01
.1700E+01	.5882E+00	.1367E+01	.1310E+01	.1227E+01
.1600E+01	.6250E+00	.1640E+01	.1341E+01	.1137E+01
.1500E+01	.6667E+00	.1146E+01	.1082E+01	.1018E+01
.1400E+01	.7143E+00	.1137E+01	.1057E+01	.9833E+00
.1300E+01	.7692E+00	.1222E+01	.1059E+01	.9361E+00
.1200E+01	.8333E+00	.8727E+00	.8462E+00	.8101E+00
.1100E+01	.9091E+00	.9383E+00	.7955E+00	.7140E+00
.1000E+01	.1000E+01	.7979E+00	.6679E+00	.6303E+00



## SPECTRAL ACCELERATION FOR NODE 33, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.5520E+00	.6290E+00	.6040E+00
.3100E+02	.3226E-01	.5857E+00	.6336E+00	.5972E+00
.2801E+02	.3570E-01	.7011E+00	.6379E+00	.6133E+00
.2500E+02	.4000E-01	.6885E+00	.6522E+00	.6275E+00
.2198E+02	.4550E-01	.7815E+00	.7254E+00	.6931E+00
.2000E+02	.5000E-01	.8104E+00	.7732E+00	.7455E+00
.1799E+02	.5560E-01	.8051E+00	.7910E+00	.7819E+00
.1701E+02	.5880E-01	.1132E+01	.1065E+01	.1015E+01
.1600E+02	.6250E-01	.1294E+01	.1226E+01	.1161E+01
.1499E+02	.5670E-01	.1276E+01	.1229E+01	.1189E+01
.1449E+02	.5900E-01	.1340E+01	.1275E+01	.1221E+01
.1401E+02	.7140E-01	.1416E+01	.1308E+01	.1240E+01
.1350E+02	.7410E-01	.1428E+01	.1320E+01	.1251E+01
.1325E+02	.7550E-01	.1403E+01	.1340E+01	.1265E+01
.1300E+02	.7690E-01	.1495E+01	.1376E+01	.1273E+01
.1276E+02	.7840E-01	.1591E+01	.1396E+01	.1258E+01
.1250E+02	.8000E-01	.1474E+01	.1302E+01	.1192E+01
.1225E+02	.8160E-01	.1461E+01	.1360E+01	.1251E+01
.1200E+02	.8330E-01	.1537E+01	.1434E+01	.1287E+01
.1175E+02	.8510E-01	.1500E+01	.1396E+01	.1251E+01
.1149E+02	.8700E-01	.1591E+01	.1403E+01	.1285E+01
.1125E+02	.8890E-01	.1477E+01	.1377E+01	.1288E+01
.1100E+02	.9090E-01	.1385E+01	.1310E+01	.1257E+01
.1075E+02	.9300E-01	.1252E+01	.1264E+01	.1243E+01
.1050E+02	.9520E-01	.1455E+01	.1366E+01	.1298E+01
.1025E+02	.9760E-01	.1579E+01	.1463E+01	.1364E+01
.1000E+02	.1000E+00	.1546E+01	.1499E+01	.1389E+01
.9747E+01	.1026E+00	.1712E+01	.1548E+01	.1409E+01
.9497E+01	.1053E+00	.2041E+01	.1750E+01	.1546E+01
.9251E+01	.1081E+00	.2064E+01	.1769E+01	.1551E+01
.9001E+01	.1111E+00	.2190E+01	.1783E+01	.1569E+01
.8749E+01	.1143E+00	.2034E+01	.1702E+01	.1468E+01
.8503E+01	.1176E+00	.1729E+01	.1515E+01	.1345E+01
.8251E+01	.1212E+00	.1562E+01	.1475E+01	.1414E+01
.8000E+01	.1250E+00	.1565E+01	.1551E+01	.1468E+01
.7874E+01	.1270E+00	.1500E+01	.1533E+01	.1466E+01
.7752E+01	.1290E+00	.1592E+01	.1531E+01	.1461E+01
.7628E+01	.1311E+00	.1563E+01	.1545E+01	.1449E+01
.7502E+01	.1333E+00	.1718E+01	.1497E+01	.1395E+01
.7375E+01	.1356E+00	.1949E+01	.1577E+01	.1339E+01
.7252E+01	.1379E+00	.1983E+01	.1668E+01	.1429E+01
.7123E+01	.1404E+00	.1962E+01	.1685E+01	.1458E+01
.6998E+01	.1429E+00	.1944E+01	.1569E+01	.1446E+01
.6873E+01	.1455E+00	.1900E+01	.1617E+01	.1397E+01
.6752E+01	.1481E+00	.1876E+01	.1526E+01	.1369E+01
.6627E+01	.1509E+00	.1945E+01	.1636E+01	.1469E+01
.6502E+01	.1538E+00	.1822E+01	.1557E+01	.1425E+01
.6373E+01	.1569E+00	.2081E+01	.1782E+01	.1568E+01
.6250E+01	.1500E+00	.2181E+01	.1397E+01	.1562E+01
.6124E+01	.1633E+00	.2292E+01	.1914E+01	.1560E+01
.5999E+01	.1567E+00	.1959E+01	.1703E+01	.1518E+01



.5875E+01	.1702E+00	.1795E+01	.1643E+01	.104E+01
.5750E+01	.1739E+00	.1835E+01	.1638E+01	.1507E+01
.5624E+01	.1778E+00	.1944E+01	.1622E+01	.1424E+01
.5501E+01	.1818E+00	.2005E+01	.1704E+01	.1484E+01
.5376E+01	.1860E+00	.1895E+01	.1589E+01	.1451E+01
.5263E+01	.1909E+00	.2015E+01	.1594E+01	.1498E+01
.5126E+01	.1951E+00	.2142E+01	.1846E+01	.1607E+01
.5000E+01	.2009E+00	.2272E+01	.1944E+01	.1593E+01
.4900E+01	.2041E+00	.2289E+01	.1963E+01	.1711E+01
.4801E+01	.2083E+00	.2242E+01	.1898E+01	.1563E+01
.4699E+01	.2128E+00	.2595E+01	.2058E+01	.1764E+01
.4600E+01	.2174E+00	.2427E+01	.2013E+01	.1742E+01
.4500E+01	.2222E+00	.2727E+01	.2025E+01	.1663E+01
.4399E+01	.2273E+00	.2552E+01	.2133E+01	.1780E+01
.4299E+01	.2326E+00	.2190E+01	.1953E+01	.1741E+01
.4200E+01	.2381E+00	.1965E+01	.1830E+01	.1587E+01
.4100E+01	.2439E+00	.2284E+01	.1967E+01	.1719E+01
.4000E+01	.2500E+00	.2437E+01	.2018E+01	.1714E+01
.3900E+01	.2564E+00	.2241E+01	.1748E+01	.1480E+01
.3799E+01	.2532E+00	.2200E+01	.1822E+01	.1579E+01
.3700E+01	.2703E+00	.1954E+01	.1743E+01	.1551E+01
.3600E+01	.2778E+00	.1854E+01	.1574E+01	.1398E+01
.3449E+01	.2899E+00	.2206E+01	.1858E+01	.1528E+01
.3299E+01	.3031E+00	.2027E+01	.1718E+01	.1516E+01
.3150E+01	.3175E+00	.1675E+01	.1539E+01	.1420E+01
.3000E+01	.3333E+00	.2173E+01	.1860E+01	.1541E+01
.2900E+01	.3448E+00	.1893E+01	.1663E+01	.1510E+01
.2800E+01	.3571E+00	.2100E+01	.1829E+01	.1513E+01
.2700E+01	.3704E+00	.2459E+01	.1920E+01	.1591E+01
.2600E+01	.3846E+00	.2138E+01	.1914E+01	.1712E+01
.2500E+01	.4000E+00	.1747E+01	.1579E+01	.1584E+01
.2400E+01	.4167E+00	.1983E+01	.1802E+01	.1628E+01
.2300E+01	.4348E+00	.2545E+01	.2018E+01	.1676E+01
.2200E+01	.4545E+00	.2099E+01	.1830E+01	.1634E+01
.2100E+01	.4762E+00	.1508E+01	.1415E+01	.1351E+01
.2000E+01	.5000E+00	.1493E+01	.1371E+01	.1293E+01
.1900E+01	.5263E+00	.1721E+01	.1495E+01	.1337E+01
.1800E+01	.5556E+00	.1732E+01	.1473E+01	.1283E+01
.1700E+01	.5882E+00	.1342E+01	.1287E+01	.1205E+01
.1500E+01	.6250E+00	.1514E+01	.1321E+01	.1122E+01
.1500E+01	.5567E+00	.1129E+01	.1066E+01	.1004E+01
.1400E+01	.7143E+00	.1123E+01	.1043E+01	.9702E+00
.1300E+01	.7592E+00	.1208E+01	.1044E+01	.9214E+00
.1200E+01	.8333E+00	.8656E+00	.8381E+00	.8020E+00
.1100E+01	.9091E+00	.9286E+00	.7866E+00	.7091E+00
.1000E+01	.1000E+01	.7923E+00	.6616E+00	.6238E+00



## SPECTRAL ACCELERATION FOR NODE 34, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1155E+01	.1122E+01	.1091E+01
.3100E+02	.3226E-01	.1307E+01	.1256E+01	.1234E+01
.2801E+02	.3570E-01	.2534E+01	.2201E+01	.1923E+01
.2500E+02	.4000E-01	.3055E+01	.2517E+01	.2145E+01
.2198E+02	.4550E-01	.1702E+01	.1459E+01	.1333E+01
.2000E+02	.5000E-01	.1503E+01	.1479E+01	.1402E+01
.1799E+02	.5560E-01	.1422E+01	.1222E+01	.1187E+01
.1701E+02	.5880E-01	.1399E+01	.1282E+01	.1200E+01
.1600E+02	.6250E-01	.1510E+01	.1509E+01	.1422E+01
.1499E+02	.6570E-01	.1525E+01	.1570E+01	.1507E+01
.1449E+02	.6900E-01	.1843E+01	.1688E+01	.1584E+01
.1401E+02	.7140E-01	.2107E+01	.1843E+01	.1558E+01
.1350E+02	.7410E-01	.2253E+01	.1953E+01	.1748E+01
.1325E+02	.7550E-01	.2239E+01	.2016E+01	.1800E+01
.1300E+02	.7690E-01	.2411E+01	.2098E+01	.1837E+01
.1276E+02	.7840E-01	.2509E+01	.2162E+01	.1843E+01
.1250E+02	.8000E-01	.2474E+01	.2049E+01	.1755E+01
.1225E+02	.8160E-01	.2181E+01	.1964E+01	.1792E+01
.1200E+02	.8330E-01	.2382E+01	.2065E+01	.1835E+01
.1175E+02	.8510E-01	.2321E+01	.2012E+01	.1778E+01
.1149E+02	.8700E-01	.2175E+01	.1897E+01	.1723E+01
.1125E+02	.8890E-01	.1991E+01	.1851E+01	.1718E+01
.1100E+02	.9090E-01	.1835E+01	.1733E+01	.1649E+01
.1075E+02	.9300E-01	.1614E+01	.1636E+01	.1509E+01
.1050E+02	.9520E-01	.1872E+01	.1750E+01	.1565E+01
.1025E+02	.9760E-01	.2013E+01	.1865E+01	.1733E+01
.1000E+02	.1000E+00	.2077E+01	.1884E+01	.1738E+01
.9747E+01	.1026E+00	.2146E+01	.1946E+01	.1766E+01
.9497E+01	.1053E+00	.2556E+01	.2190E+01	.1929E+01
.9251E+01	.1081E+00	.2563E+01	.2191E+01	.1915E+01
.9001E+01	.1111E+00	.2531E+01	.2060E+01	.1793E+01
.8749E+01	.1143E+00	.2393E+01	.1984E+01	.1697E+01
.8503E+01	.1176E+00	.1997E+01	.1738E+01	.1531E+01
.8251E+01	.1212E+00	.1782E+01	.1680E+01	.1510E+01
.8000E+01	.1250E+00	.1914E+01	.1780E+01	.1685E+01
.7874E+01	.1270E+00	.1849E+01	.1772E+01	.1691E+01
.7752E+01	.1290E+00	.1834E+01	.1764E+01	.1685E+01
.7628E+01	.1311E+00	.1926E+01	.1791E+01	.1681E+01
.7502E+01	.1333E+00	.2002E+01	.1743E+01	.1619E+01
.7375E+01	.1356E+00	.2224E+01	.1795E+01	.1526E+01
.7252E+01	.1379E+00	.2264E+01	.1902E+01	.1527E+01
.7123E+01	.1404E+00	.2230E+01	.1914E+01	.1654E+01
.6998E+01	.1429E+00	.2199E+01	.1888E+01	.1633E+01
.6873E+01	.1455E+00	.2140E+01	.1820E+01	.1571E+01
.6752E+01	.1481E+00	.2044E+01	.1706E+01	.1559E+01
.6527E+01	.1509E+00	.2193E+01	.1852E+01	.1670E+01
.6502E+01	.1538E+00	.2059E+01	.1763E+01	.1616E+01
.6373E+01	.1569E+00	.2275E+01	.1943E+01	.1705E+01
.6250E+01	.1500E+00	.2381E+01	.2067E+01	.1810E+01
.6124E+01	.1533E+00	.2517E+01	.2096E+01	.1816E+01
.5999E+01	.1567E+00	.2155E+01	.1873E+01	.1666E+01





.5999E+01	.1533E+00	.2381E+01	.2096E+01	.1810E+01
	.1533E+00	.2517E+01	.1873E+01	.1816E+01
		.2155E+01		.1666E+01

.5875E+01	.1702E+00	.1980E+01	.1814E+01	.1673E+01
.5750E+01	.1739E+00	.2011E+01	.1799E+01	.1555E+01
.5624E+01	.1778E+00	.2088E+01	.1738E+01	.1553E+01
.5501E+01	.1818E+00	.2153E+01	.1827E+01	.1589E+01
.5376E+01	.1860E+00	.2034E+01	.1704E+01	.1559E+01
.5263E+01	.1900E+00	.2128E+01	.1779E+01	.1599E+01
.5126E+01	.1951E+00	.2255E+01	.1940E+01	.1684E+01
.5000E+01	.2000E+00	.2391E+01	.2042E+01	.1774E+01
.4900E+01	.2041E+00	.2401E+01	.2055E+01	.1787E+01
.4801E+01	.2083E+00	.2370E+01	.1986E+01	.1737E+01
.4699E+01	.2128E+00	.2721E+01	.2171E+01	.1859E+01
.4600E+01	.2174E+00	.2545E+01	.2118E+01	.1832E+01
.4500E+01	.2222E+00	.2855E+01	.2136E+01	.1756E+01
.4399E+01	.2273E+00	.2772E+01	.2227E+01	.1857E+01
.4299E+01	.2326E+00	.2284E+01	.2034E+01	.1811E+01
.4200E+01	.2381E+00	.2051E+01	.1905E+01	.1756E+01
.4100E+01	.2439E+00	.2380E+01	.2050E+01	.1791E+01
.4000E+01	.2500E+00	.2539E+01	.2103E+01	.1785E+01
.3900E+01	.2564E+00	.2329E+01	.1818E+01	.1540E+01
.3799E+01	.2532E+00	.2288E+01	.1896E+01	.1644E+01
.3700E+01	.2703E+00	.2031E+01	.1812E+01	.1514E+01
.3600E+01	.2778E+00	.1915E+01	.1624E+01	.1442E+01
.3449E+01	.2899E+00	.2264E+01	.1906E+01	.1669E+01
.3299E+01	.3031E+00	.2081E+01	.1766E+01	.1558E+01
.3150E+01	.3175E+00	.1715E+01	.1575E+01	.1454E+01
.3000E+01	.3333E+00	.2226E+01	.1906E+01	.1581E+01
.2900E+01	.3448E+00	.1929E+01	.1594E+01	.1538E+01
.2800E+01	.3571E+00	.2139E+01	.1862E+01	.1645E+01
.2700E+01	.3704E+00	.2502E+01	.1953E+01	.1617E+01
.2600E+01	.3846E+00	.2173E+01	.1945E+01	.1739E+01
.2500E+01	.4000E+00	.1775E+01	.1706E+01	.1509E+01
.2400E+01	.4167E+00	.2013E+01	.1829E+01	.1653E+01
.2300E+01	.4348E+00	.2583E+01	.2049E+01	.1703E+01
.2200E+01	.4545E+00	.2127E+01	.1855E+01	.1557E+01
.2100E+01	.4762E+00	.1528E+01	.1433E+01	.1369E+01
.2000E+01	.5000E+00	.1511E+01	.1388E+01	.1309E+01
.1900E+01	.5263E+00	.1739E+01	.1511E+01	.1352E+01
.1800E+01	.5556E+00	.1749E+01	.1488E+01	.1296E+01
.1700E+01	.5882E+00	.1353E+01	.1296E+01	.1214E+01
.1600E+01	.6250E+00	.1624E+01	.1329E+01	.1129E+01
.1500E+01	.6567E+00	.1137E+01	.1073E+01	.1010E+01
.1400E+01	.7143E+00	.1129E+01	.1049E+01	.9759E+00
.1300E+01	.7592E+00	.1214E+01	.1049E+01	.9263E+00
.1200E+01	.8333E+00	.8688E+00	.8413E+00	.8051E+00
.1100E+01	.9091E+00	.9328E+00	.7904E+00	.7110E+00
.1000E+01	.1000E+01	.7946E+00	.6645E+00	.6266E+00



SPECTRAL ACCELERATION FOR NODE 40, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.5960E+00	.5585E+00	.5387E+00
.3100E+02	.3226E-01	.6834E+00	.5238E+00	.5794E+00
.2801E+02	.3570E-01	.7003E+00	.6386E+00	.6072E+00
.2500E+02	.4000E-01	.7111E+00	.6512E+00	.6307E+00
.2198E+02	.4550E-01	.7829E+00	.7349E+00	.7164E+00
.2000E+02	.5000E-01	.8734E+00	.8211E+00	.7831E+00
.1799E+02	.5560E-01	.9735E+00	.8076E+00	.7212E+00
.1701E+02	.5880E-01	.9835E+00	.8992E+00	.8396E+00
.1600E+02	.6250E-01	.1097E+01	.1029E+01	.9704E+00
.1499E+02	.6670E-01	.1094E+01	.1047E+01	.1006E+01
.1449E+02	.6900E-01	.1141E+01	.1082E+01	.1032E+01
.1401E+02	.7140E-01	.1175E+01	.1098E+01	.1043E+01
.1350E+02	.7410E-01	.1204E+01	.1111E+01	.1050E+01
.1325E+02	.7550E-01	.1186E+01	.1129E+01	.1064E+01
.1300E+02	.7690E-01	.1260E+01	.1156E+01	.1067E+01
.1276E+02	.7940E-01	.1329E+01	.1162E+01	.1043E+01
.1250E+02	.8000E-01	.1273E+01	.1135E+01	.1041E+01
.1225E+02	.8160E-01	.1275E+01	.1181E+01	.1086E+01
.1200E+02	.8330E-01	.1420E+01	.1244E+01	.1116E+01
.1175E+02	.8510E-01	.1388E+01	.1217E+01	.1115E+01
.1149E+02	.8700E-01	.1449E+01	.1285E+01	.1181E+01
.1125E+02	.8890E-01	.1353E+01	.1265E+01	.1188E+01
.1100E+02	.9090E-01	.1277E+01	.1212E+01	.1165E+01
.1075E+02	.9300E-01	.1155E+01	.1176E+01	.1155E+01
.1050E+02	.9520E-01	.1354E+01	.1273E+01	.1211E+01
.1025E+02	.9760E-01	.1472E+01	.1366E+01	.1275E+01
.1000E+02	.1000E+00	.1535E+01	.1402E+01	.1301E+01
.9747E+01	.1026E+00	.1582E+01	.1431E+01	.1300E+01
.9497E+01	.1053E+00	.1894E+01	.1624E+01	.1437E+01
.9251E+01	.1081E+00	.1933E+01	.1659E+01	.1457E+01
.9001E+01	.1111E+00	.2087E+01	.1694E+01	.1492E+01
.8749E+01	.1143E+00	.1941E+01	.1528E+01	.1409E+01
.8503E+01	.1176E+00	.1555E+01	.1452E+01	.1291E+01
.8251E+01	.1212E+00	.1490E+01	.1401E+01	.1340E+01
.8000E+01	.1250E+00	.1582E+01	.1473E+01	.1393E+01
.7874E+01	.1270E+00	.1520E+01	.1458E+01	.1393E+01
.7752E+01	.1290E+00	.1515E+01	.1456E+01	.1389E+01
.7628E+01	.1311E+00	.1584E+01	.1470E+01	.1379E+01
.7502E+01	.1333E+00	.1540E+01	.1427E+01	.1329E+01
.7375E+01	.1356E+00	.1880E+01	.1522E+01	.1292E+01
.7252E+01	.1379E+00	.1914E+01	.1510E+01	.1379E+01
.7123E+01	.1404E+00	.1895E+01	.1528E+01	.1409E+01
.6998E+01	.1429E+00	.1881E+01	.1616E+01	.1400E+01
.6873E+01	.1455E+00	.1842E+01	.1568E+01	.1356E+01
.6752E+01	.1481E+00	.1828E+01	.1482E+01	.1319E+01
.6627E+01	.1509E+00	.1880E+01	.1580E+01	.1420E+01
.6502E+01	.1538E+00	.1770E+01	.1511E+01	.1381E+01
.6373E+01	.1569E+00	.2029E+01	.1738E+01	.1529E+01
.6250E+01	.1500E+00	.2125E+01	.1848E+01	.1620E+01
.6124E+01	.1633E+00	.2232E+01	.1864E+01	.1616E+01
.5999E+01	.1567E+00	.1910E+01	.1560E+01	.1479E+01



.5875E+01	.1700E+00	.1755E+01	.1608E+01	.1482E+01
.5750E+01	.1739E+00	.1801E+01	.1607E+01	.1477E+01
.5624E+01	.1778E+00	.1910E+01	.1594E+01	.1399E+01
.5501E+01	.1818E+00	.1969E+01	.1573E+01	.1457E+01
.5376E+01	.1860E+00	.1861E+01	.1560E+01	.1430E+01
.5263E+01	.1900E+00	.1985E+01	.1570E+01	.1475E+01
.5126E+01	.1951E+00	.2114E+01	.1824E+01	.1589E+01
.5000E+01	.2000E+00	.2243E+01	.1921E+01	.1674E+01
.4900E+01	.2041E+00	.2260E+01	.1939E+01	.1691E+01
.4801E+01	.2083E+00	.2215E+01	.1875E+01	.1644E+01
.4699E+01	.2128E+00	.2564E+01	.2030E+01	.1739E+01
.4600E+01	.2174E+00	.2397E+01	.1987E+01	.1719E+01
.4500E+01	.2222E+00	.2696E+01	.1998E+01	.1640E+01
.4399E+01	.2273E+00	.2522E+01	.2110E+01	.1762E+01
.4299E+01	.2326E+00	.2166E+01	.1932E+01	.1723E+01
.4200E+01	.2381E+00	.1944E+01	.1811E+01	.1669E+01
.4100E+01	.2439E+00	.2259E+01	.1946E+01	.1700E+01
.4000E+01	.2500E+00	.2411E+01	.1996E+01	.1695E+01
.3900E+01	.2564E+00	.2220E+01	.1732E+01	.1466E+01
.3799E+01	.2532E+00	.2180E+01	.1805E+01	.1564E+01
.3700E+01	.2703E+00	.1935E+01	.1725E+01	.1535E+01
.3600E+01	.2778E+00	.1840E+01	.1562E+01	.1387E+01
.3449E+01	.2899E+00	.2192E+01	.1846E+01	.1618E+01
.3299E+01	.3031E+00	.2013E+01	.1707E+01	.1505E+01
.3150E+01	.3175E+00	.1656E+01	.1530E+01	.1413E+01
.3000E+01	.3333E+00	.2161E+01	.1849E+01	.1631E+01
.2900E+01	.3448E+00	.1883E+01	.1655E+01	.1504E+01
.2800E+01	.3571E+00	.2091E+01	.1821E+01	.1605E+01
.2700E+01	.3704E+00	.2448E+01	.1912E+01	.1584E+01
.2600E+01	.3846E+00	.2129E+01	.1906E+01	.1704E+01
.2500E+01	.4000E+00	.1740E+01	.1672E+01	.1578E+01
.2400E+01	.4167E+00	.1976E+01	.1796E+01	.1623E+01
.2300E+01	.4348E+00	.2536E+01	.2010E+01	.1670E+01
.2200E+01	.4545E+00	.2092E+01	.1824E+01	.1628E+01
.2100E+01	.4762E+00	.1503E+01	.1410E+01	.1347E+01
.2000E+01	.5000E+00	.1489E+01	.1367E+01	.1289E+01
.1900E+01	.5263E+00	.1716E+01	.1491E+01	.1334E+01
.1800E+01	.5556E+00	.1728E+01	.1470E+01	.1280E+01
.1700E+01	.5882E+00	.1340E+01	.1284E+01	.1202E+01
.1600E+01	.6250E+00	.1611E+01	.1319E+01	.1121E+01
.1500E+01	.6667E+00	.1128E+01	.1065E+01	.1002E+01
.1400E+01	.7143E+00	.1121E+01	.1042E+01	.9690E+00
.1300E+01	.7692E+00	.1206E+01	.1043E+01	.9205E+00
.1200E+01	.8333E+00	.8549E+00	.8373E+00	.8013E+00
.1100E+01	.9091E+00	.9275E+00	.7856E+00	.7086E+00
.1000E+01	.1000E+01	.7916E+00	.6509E+00	.6232E+00



4

SPECTRAL ACCELERATION FOR NODE 41, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1124E+01	.1115E+01	.1110E+01
.3100E+02	.3226E-01	.1057E+01	.1081E+01	.1092E+01
.2801E+02	.3570E-01	.1236E+01	.1214E+01	.1201E+01
.2500E+02	.4000E-01	.1245E+01	.1236E+01	.1237E+01
.2198E+02	.4550E-01	.1577E+01	.1526E+01	.1493E+01
.2000E+02	.5000E-01	.1650E+01	.1570E+01	.1510E+01
.1799E+02	.5560E-01	.2175E+01	.2148E+01	.2107E+01
.1701E+02	.5880E-01	.2944E+01	.2768E+01	.2629E+01
.1600E+02	.6250E-01	.3234E+01	.3069E+01	.2918E+01
.1499E+02	.5670E-01	.4147E+01	.3841E+01	.3574E+01
.1449E+02	.6900E-01	.4903E+01	.4451E+01	.4073E+01
.1401E+02	.7140E-01	.5268E+01	.4721E+01	.4347E+01
.1350E+02	.7410E-01	.5871E+01	.5105E+01	.4521E+01
.1325E+02	.7550E-01	.5977E+01	.5276E+01	.4797E+01
.1300E+02	.7590E-01	.6261E+01	.5530E+01	.4932E+01
.1276E+02	.7840E-01	.6832E+01	.5739E+01	.4961E+01
.1250E+02	.8000E-01	.5421E+01	.5360E+01	.4557E+01
.1225E+02	.8160E-01	.5481E+01	.4697E+01	.4090E+01
.1200E+02	.8330E-01	.4785E+01	.4125E+01	.3551E+01
.1175E+02	.8510E-01	.4555E+01	.4002E+01	.3517E+01
.1149E+02	.8700E-01	.4170E+01	.3508E+01	.3091E+01
.1125E+02	.8890E-01	.3354E+01	.3091E+01	.2839E+01
.1100E+02	.9090E-01	.2987E+01	.2796E+01	.2640E+01
.1075E+02	.9300E-01	.2480E+01	.2536E+01	.2500E+01
.1050E+02	.9520E-01	.2832E+01	.2562E+01	.2532E+01
.1025E+02	.9760E-01	.3044E+01	.2814E+01	.2613E+01
.1000E+02	.1000E+00	.3115E+01	.2812E+01	.2587E+01
.9747E+01	.1026E+00	.3098E+01	.2836E+01	.2597E+01
.9497E+01	.1053E+00	.3754E+01	.3234E+01	.2866E+01
.9251E+01	.1081E+00	.3755E+01	.3222E+01	.2840E+01
.9001E+01	.1111E+00	.3402E+01	.2735E+01	.2408E+01
.8749E+01	.1143E+00	.3080E+01	.2536E+01	.2191E+01
.8503E+01	.1176E+00	.2535E+01	.2188E+01	.2000E+01
.8251E+01	.1212E+00	.2354E+01	.2174E+01	.2037E+01
.8000E+01	.1250E+00	.2442E+01	.2219E+01	.2048E+01
.7874E+01	.1270E+00	.2300E+01	.2145E+01	.2025E+01
.7752E+01	.1290E+00	.2235E+01	.2137E+01	.2043E+01
.7628E+01	.1311E+00	.2332E+01	.2181E+01	.2050E+01
.7502E+01	.1333E+00	.2498E+01	.2163E+01	.2005E+01
.7375E+01	.1356E+00	.2594E+01	.2092E+01	.1833E+01
.7252E+01	.1379E+00	.2588E+01	.2257E+01	.1930E+01
.7123E+01	.1404E+00	.2669E+01	.2296E+01	.1990E+01
.6998E+01	.1429E+00	.2543E+01	.2272E+01	.1973E+01
.6873E+01	.1455E+00	.2555E+01	.2180E+01	.1888E+01
.6752E+01	.1481E+00	.2367E+01	.2011E+01	.1891E+01
.6627E+01	.1509E+00	.2606E+01	.2230E+01	.2030E+01
.6502E+01	.1538E+00	.2514E+01	.2162E+01	.1982E+01
.6373E+01	.1569E+00	.2518E+01	.2139E+01	.1888E+01
.6250E+01	.1500E+00	.2548E+01	.2298E+01	.2007E+01
.6124E+01	.1633E+00	.2834E+01	.2356E+01	.2034E+01
.5999E+01	.1567E+00	.2451E+01	.2123E+01	.1926E+01





.5875E+01	.002E+00	.2330E+01	.2140E+01	.1988E+01
.5750E+01	.1739E+00	.2338E+01	.2106E+01	.1945E+01
.5624E+01	.1778E+00	.2258E+01	.1881E+01	.1803E+01
.5501E+01	.1818E+00	.2348E+01	.1991E+01	.1730E+01
.5376E+01	.1860E+00	.2237E+01	.1872E+01	.1727E+01
.5263E+01	.1900E+00	.2284E+01	.1932E+01	.1762E+01
.5126E+01	.1951E+00	.2398E+01	.2054E+01	.1776E+01
.5000E+01	.2000E+00	.2541E+01	.2164E+01	.1875E+01
.4900E+01	.2041E+00	.2560E+01	.2187E+01	.1898E+01
.4801E+01	.2083E+00	.2546E+01	.2126E+01	.1843E+01
.4699E+01	.2128E+00	.2889E+01	.2337E+01	.2003E+01
.4600E+01	.2174E+00	.2599E+01	.2264E+01	.1961E+01
.4500E+01	.2222E+00	.3045E+01	.2282E+01	.1872E+01
.4399E+01	.2273E+00	.2924E+01	.2344E+01	.1951E+01
.4299E+01	.2326E+00	.2410E+01	.2145E+01	.1909E+01
.4200E+01	.2381E+00	.2148E+01	.2003E+01	.1846E+01
.4100E+01	.2439E+00	.2501E+01	.2158E+01	.1888E+01
.4000E+01	.2500E+00	.2579E+01	.2221E+01	.1887E+01
.3900E+01	.2564E+00	.2439E+01	.1907E+01	.1620E+01
.3799E+01	.2632E+00	.2393E+01	.1983E+01	.1719E+01
.3700E+01	.2703E+00	.2119E+01	.1891E+01	.1683E+01
.3600E+01	.2778E+00	.2002E+01	.1589E+01	.1500E+01
.3449E+01	.2899E+00	.2340E+01	.1969E+01	.1724E+01
.3299E+01	.3031E+00	.2153E+01	.1828E+01	.1614E+01
.3150E+01	.3175E+00	.1757E+01	.1624E+01	.1500E+01
.3000E+01	.3333E+00	.2287E+01	.1958E+01	.1727E+01
.2900E+01	.3448E+00	.1980E+01	.1737E+01	.1562E+01
.2800E+01	.3571E+00	.2183E+01	.1900E+01	.1688E+01
.2700E+01	.3704E+00	.2559E+01	.1998E+01	.1655E+01
.2600E+01	.3846E+00	.2216E+01	.1982E+01	.1770E+01
.2500E+01	.4000E+00	.1811E+01	.1740E+01	.1642E+01
.2400E+01	.4167E+00	.2050E+01	.1963E+01	.1684E+01
.2300E+01	.4348E+00	.2532E+01	.2088E+01	.1736E+01
.2200E+01	.4545E+00	.2162E+01	.1885E+01	.1683E+01
.2100E+01	.4762E+00	.1553E+01	.1458E+01	.1393E+01
.2000E+01	.5000E+00	.1533E+01	.1409E+01	.1329E+01
.1900E+01	.5263E+00	.1760E+01	.1530E+01	.1369E+01
.1800E+01	.5556E+00	.1765E+01	.1502E+01	.1308E+01
.1700E+01	.5882E+00	.1366E+01	.1307E+01	.1224E+01
.1600E+01	.6250E+00	.1535E+01	.1338E+01	.1136E+01
.1500E+01	.6567E+00	.1147E+01	.1083E+01	.1019E+01
.1400E+01	.7143E+00	.1138E+01	.1057E+01	.9826E+00
.1300E+01	.7692E+00	.1219E+01	.1055E+01	.9339E+00
.1200E+01	.8333E+00	.8730E+00	.8440E+00	.8081E+00
.1100E+01	.9091E+00	.9380E+00	.7954E+00	.7126E+00
.1000E+01	.1000E+01	.7973E+00	.6679E+00	.6301E+00



SPECTRAL ACCELERATION FOR NODE 42, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1127E+01	.1117E+01	.1110E+01
.3100E+02	.3226E-01	.1073E+01	.1075E+01	.1078E+01
.2801E+02	.3570E-01	.1142E+01	.1137E+01	.1136E+01
.2500E+02	.4000E-01	.1198E+01	.1192E+01	.1194E+01
.2198E+02	.4550E-01	.1539E+01	.1490E+01	.1459E+01
.2000E+02	.5000E-01	.1569E+01	.1598E+01	.1546E+01
.1799E+02	.5560E-01	.2005E+01	.1991E+01	.1968E+01
.1701E+02	.5880E-01	.2781E+01	.2621E+01	.2500E+01
.1600E+02	.6250E-01	.3143E+01	.2988E+01	.2845E+01
.1499E+02	.6570E-01	.3935E+01	.3650E+01	.3407E+01
.1449E+02	.6900E-01	.4691E+01	.4291E+01	.3950E+01
.1401E+02	.7140E-01	.5152E+01	.4597E+01	.4336E+01
.1350E+02	.7410E-01	.5002E+01	.5249E+01	.4752E+01
.1325E+02	.7550E-01	.6223E+01	.5464E+01	.4973E+01
.1300E+02	.7690E-01	.5792E+01	.5823E+01	.5179E+01
.1276E+02	.7840E-01	.7347E+01	.6137E+01	.5281E+01
.1250E+02	.8000E-01	.6975E+01	.5796E+01	.5014E+01
.1225E+02	.8160E-01	.5007E+01	.5143E+01	.4453E+01
.1200E+02	.8330E-01	.5294E+01	.4557E+01	.4028E+01
.1175E+02	.8510E-01	.5146E+01	.4442E+01	.3894E+01
.1149E+02	.8700E-01	.4649E+01	.3881E+01	.3425E+01
.1125E+02	.8890E-01	.3542E+01	.3347E+01	.3084E+01
.1100E+02	.9090E-01	.3239E+01	.3021E+01	.2866E+01
.1075E+02	.9300E-01	.2557E+01	.2713E+01	.2682E+01
.1050E+02	.9520E-01	.3002E+01	.2850E+01	.2724E+01
.1025E+02	.9760E-01	.3255E+01	.3015E+01	.2803E+01
.1000E+02	.1000E+00	.3335E+01	.3018E+01	.2781E+01
.9747E+01	.1026E+00	.3208E+01	.2935E+01	.2687E+01
.9497E+01	.1053E+00	.3909E+01	.3383E+01	.3007E+01
.9251E+01	.1081E+00	.3965E+01	.3405E+01	.2991E+01
.9001E+01	.1111E+00	.3571E+01	.2981E+01	.2562E+01
.8749E+01	.1143E+00	.3186E+01	.2519E+01	.2207E+01
.8503E+01	.1176E+00	.2609E+01	.2248E+01	.2035E+01
.8251E+01	.1212E+00	.2414E+01	.2233E+01	.2096E+01
.8000E+01	.1250E+00	.2523E+01	.2298E+01	.2127E+01
.7874E+01	.1270E+00	.2395E+01	.2241E+01	.2085E+01
.7752E+01	.1290E+00	.2330E+01	.2183E+01	.2037E+01
.7628E+01	.1311E+00	.2382E+01	.2176E+01	.2041E+01
.7502E+01	.1333E+00	.2511E+01	.2167E+01	.1997E+01
.7375E+01	.1356E+00	.2545E+01	.2125E+01	.1834E+01
.7252E+01	.1379E+00	.2727E+01	.2286E+01	.1951E+01
.7123E+01	.1404E+00	.2705E+01	.2323E+01	.2010E+01
.6998E+01	.1429E+00	.2684E+01	.2302E+01	.1997E+01
.6873E+01	.1455E+00	.2601E+01	.2214E+01	.1918E+01
.6752E+01	.1481E+00	.2416E+01	.2055E+01	.1893E+01
.6627E+01	.1509E+00	.2517E+01	.2248E+01	.2046E+01
.6502E+01	.1538E+00	.2557E+01	.2191E+01	.2008E+01
.6373E+01	.1569E+00	.2554E+01	.2166E+01	.1911E+01
.6250E+01	.1600E+00	.2674E+01	.2317E+01	.2022E+01
.6124E+01	.1633E+00	.2858E+01	.2373E+01	.2046E+01
.5999E+01	.1667E+00	.2474E+01	.2142E+01	.1958E+01



.5875E+01	.1739E+00	.2371E+01	.2186E+01	.2028E+01
.5750E+01	.1739E+00	.2388E+01	.2153E+01	.1991E+01
.5624E+01	.1778E+00	.2274E+01	.1929E+01	.1853E+01
.5501E+01	.1818E+00	.2356E+01	.1994E+01	.1744E+01
.5376E+01	.1860E+00	.2253E+01	.1886E+01	.1755E+01
.5263E+01	.1900E+00	.2300E+01	.1971E+01	.1798E+01
.5126E+01	.1951E+00	.2413E+01	.2070E+01	.1789E+01
.5000E+01	.2000E+00	.2561E+01	.2180E+01	.1888E+01
.4900E+01	.2041E+00	.2578E+01	.2201E+01	.1910E+01
.4801E+01	.2083E+00	.2555E+01	.2135E+01	.1853E+01
.4699E+01	.2128E+00	.2911E+01	.2359E+01	.2022E+01
.4600E+01	.2174E+00	.2717E+01	.2292E+01	.1985E+01
.4500E+01	.2222E+00	.3062E+01	.2293E+01	.1881E+01
.4399E+01	.2273E+00	.2942E+01	.2357E+01	.1962E+01
.4299E+01	.2326E+00	.2425E+01	.2159E+01	.1922E+01
.4200E+01	.2381E+00	.2160E+01	.2015E+01	.1858E+01
.4100E+01	.2439E+00	.2514E+01	.2169E+01	.1897E+01
.4000E+01	.2500E+00	.2693E+01	.2233E+01	.1897E+01
.3900E+01	.2564E+00	.2454E+01	.1919E+01	.1630E+01
.3799E+01	.2632E+00	.2407E+01	.1995E+01	.1729E+01
.3700E+01	.2703E+00	.2127E+01	.1898E+01	.1590E+01
.3600E+01	.2778E+00	.2010E+01	.1593E+01	.1508E+01
.3449E+01	.2899E+00	.2345E+01	.1975E+01	.1729E+01
.3299E+01	.3031E+00	.2162E+01	.1836E+01	.1621E+01
.3150E+01	.3175E+00	.1773E+01	.1530E+01	.1505E+01
.3000E+01	.3333E+00	.2293E+01	.1963E+01	.1731E+01
.2900E+01	.3448E+00	.1983E+01	.1745E+01	.1566E+01
.2800E+01	.3571E+00	.2186E+01	.1902E+01	.1691E+01
.2700E+01	.3704E+00	.2567E+01	.2005E+01	.1561E+01
.2600E+01	.3846E+00	.2220E+01	.1985E+01	.1773E+01
.2500E+01	.4000E+00	.1815E+01	.1744E+01	.1645E+01
.2400E+01	.4167E+00	.2055E+01	.1868E+01	.1688E+01
.2300E+01	.4348E+00	.2638E+01	.2094E+01	.1741E+01
.2200E+01	.4545E+00	.2155E+01	.1887E+01	.1684E+01
.2100E+01	.4762E+00	.1557E+01	.1461E+01	.1396E+01
.2000E+01	.5000E+00	.1537E+01	.1412E+01	.1332E+01
.1900E+01	.5263E+00	.1763E+01	.1532E+01	.1371E+01
.1800E+01	.5556E+00	.1769E+01	.1505E+01	.1311E+01
.1700E+01	.5882E+00	.1368E+01	.1307E+01	.1224E+01
.1600E+01	.6250E+00	.1535E+01	.1338E+01	.1137E+01
.1500E+01	.6667E+00	.1143E+01	.1083E+01	.1019E+01
.1400E+01	.7143E+00	.1139E+01	.1058E+01	.9842E+00
.1300E+01	.7692E+00	.1219E+01	.1056E+01	.9357E+00
.1200E+01	.8333E+00	.8733E+00	.8449E+00	.8090E+00
.1100E+01	.9091E+00	.9381E+00	.7954E+00	.7131E+00
.1000E+01	.1000E+01	.7975E+00	.6584E+00	.6306E+00



SPECTRAL ACCELERATION FOR NODE 43, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2740E-01	.1016E+01	.9971E+00	.9936E+00
.3100E+02	.3226E-01	.1147E+01	.1133E+01	.1122E+01
.2801E+02	.3570E-01	.1338E+01	.1293E+01	.1265E+01
.2500E+02	.4000E-01	.1284E+01	.1272E+01	.1270E+01
.2198E+02	.4550E-01	.1585E+01	.1543E+01	.1514E+01
.2000E+02	.5000E-01	.1637E+01	.1552E+01	.1488E+01
.1799E+02	.5560E-01	.2297E+01	.2234E+01	.2181E+01
.1701E+02	.5380E-01	.3030E+01	.2847E+01	.2701E+01
.1600E+02	.6250E-01	.3358E+01	.3113E+01	.2958E+01
.1499E+02	.6670E-01	.4196E+01	.3886E+01	.3606E+01
.1449E+02	.6700E-01	.4958E+01	.4467E+01	.4064E+01
.1401E+02	.7140E-01	.5365E+01	.4734E+01	.4313E+01
.1350E+02	.7410E-01	.5640E+01	.4938E+01	.4489E+01
.1325E+02	.7550E-01	.5571E+01	.5056E+01	.4591E+01
.1300E+02	.7690E-01	.5883E+01	.5231E+01	.4668E+01
.1276E+02	.7340E-01	.6379E+01	.5364E+01	.4650E+01
.1250E+02	.8000E-01	.5946E+01	.5025E+01	.4335E+01
.1225E+02	.8160E-01	.5024E+01	.4338E+01	.3790E+01
.1200E+02	.8330E-01	.4456E+01	.3843E+01	.3403E+01
.1175E+02	.8510E-01	.4318E+01	.3736E+01	.3292E+01
.1149E+02	.8700E-01	.3861E+01	.3267E+01	.2891E+01
.1125E+02	.8890E-01	.3157E+01	.2902E+01	.2666E+01
.1100E+02	.9090E-01	.2817E+01	.2529E+01	.2495E+01
.1075E+02	.9300E-01	.2357E+01	.2402E+01	.2363E+01
.1050E+02	.9520E-01	.2598E+01	.2533E+01	.2407E+01
.1025E+02	.9760E-01	.2901E+01	.2578E+01	.2484E+01
.1000E+02	.1000E+00	.2962E+01	.2569E+01	.2462E+01
.9747E+01	.1026E+00	.3007E+01	.2748E+01	.2517E+01
.9497E+01	.1053E+00	.3529E+01	.3126E+01	.2770E+01
.9251E+01	.1081E+00	.3505E+01	.3100E+01	.2728E+01
.9001E+01	.1111E+00	.3313E+01	.2520E+01	.2303E+01
.8749E+01	.1143E+00	.3004E+01	.2475E+01	.2144E+01
.8503E+01	.1176E+00	.2471E+01	.2135E+01	.1945E+01
.8251E+01	.1212E+00	.2297E+01	.2117E+01	.1982E+01
.8000E+01	.1250E+00	.2361E+01	.2141E+01	.2003E+01
.7874E+01	.1270E+00	.2218E+01	.2119E+01	.2024E+01
.7752E+01	.1290E+00	.2205E+01	.2129E+01	.2037E+01
.7628E+01	.1311E+00	.2321E+01	.2171E+01	.2043E+01
.7502E+01	.1333E+00	.2468E+01	.2148E+01	.1991E+01
.7375E+01	.1356E+00	.2563E+01	.2074E+01	.1822E+01
.7252E+01	.1379E+00	.2559E+01	.2236E+01	.1916E+01
.7123E+01	.1404E+00	.2537E+01	.2271E+01	.1969E+01
.6998E+01	.1429E+00	.2502E+01	.2241E+01	.1946E+01
.6873E+01	.1455E+00	.2508E+01	.2142E+01	.1854E+01
.6752E+01	.1481E+00	.2318E+01	.1970E+01	.1874E+01
.6627E+01	.1509E+00	.2581E+01	.2206E+01	.2004E+01
.6502E+01	.1538E+00	.2468E+01	.2128E+01	.1950E+01
.6373E+01	.1569E+00	.2490E+01	.2115E+01	.1864E+01
.6250E+01	.1500E+00	.2524E+01	.2279E+01	.1993E+01
.6124E+01	.1533E+00	.2809E+01	.2336E+01	.2018E+01
.5999E+01	.1567E+00	.2426E+01	.2103E+01	.1898E+01





.5875E+01	.1702E+01	.2290E+01	.2107E+01	.1954E+01
.5750E+01	.1739E+00	.2295E+01	.2064E+01	.1905E+01
.5624E+01	.1778E+00	.2246E+01	.1865E+01	.1763E+01
.5501E+01	.1818E+00	.2335E+01	.1982E+01	.1724E+01
.5376E+01	.1860E+00	.2215E+01	.1856E+01	.1701E+01
.5263E+01	.1900E+00	.2266E+01	.1900E+01	.1731E+01
.5126E+01	.1951E+00	.2383E+01	.2042E+01	.1766E+01
.5000E+01	.2000E+00	.2525E+01	.2152E+01	.1865E+01
.4900E+01	.2041E+00	.2544E+01	.2173E+01	.1887E+01
.4801E+01	.2083E+00	.2530E+01	.2111E+01	.1830E+01
.4699E+01	.2128E+00	.2869E+01	.2315E+01	.1982E+01
.4600E+01	.2174E+00	.2583E+01	.2243E+01	.1941E+01
.4500E+01	.2222E+00	.3027E+01	.2270E+01	.1861E+01
.4399E+01	.2273E+00	.2907E+01	.2331E+01	.1940E+01
.4299E+01	.2326E+00	.2396E+01	.2132E+01	.1898E+01
.4200E+01	.2381E+00	.2137E+01	.1993E+01	.1836E+01
.4100E+01	.2439E+00	.2489E+01	.2148E+01	.1879E+01
.4000E+01	.2500E+00	.2565E+01	.2209E+01	.1877E+01
.3900E+01	.2564E+00	.2426E+01	.1896E+01	.1610E+01
.3799E+01	.2632E+00	.2381E+01	.1973E+01	.1710E+01
.3700E+01	.2703E+00	.2109E+01	.1883E+01	.1676E+01
.3600E+01	.2778E+00	.1993E+01	.1583E+01	.1494E+01
.3449E+01	.2899E+00	.2331E+01	.1961E+01	.1717E+01
.3299E+01	.3031E+00	.2144E+01	.1820E+01	.1506E+01
.3150E+01	.3175E+00	.1751E+01	.1519E+01	.1495E+01
.3000E+01	.3333E+00	.2280E+01	.1952E+01	.1721E+01
.2900E+01	.3448E+00	.1973E+01	.1732E+01	.1559E+01
.2800E+01	.3571E+00	.2180E+01	.1898E+01	.1584E+01
.2700E+01	.3704E+00	.2551E+01	.1992E+01	.1650E+01
.2500E+01	.3846E+00	.2212E+01	.1978E+01	.1767E+01
.2500E+01	.4000E+00	.1807E+01	.1737E+01	.1639E+01
.2400E+01	.4167E+00	.2045E+01	.1859E+01	.1580E+01
.2300E+01	.4348E+00	.2627E+01	.2084E+01	.1733E+01
.2200E+01	.4545E+00	.2159E+01	.1882E+01	.1681E+01
.2100E+01	.4762E+00	.1550E+01	.1455E+01	.1390E+01
.2000E+01	.5000E+00	.1530E+01	.1406E+01	.1326E+01
.1900E+01	.5263E+00	.1758E+01	.1528E+01	.1368E+01
.1800E+01	.5556E+00	.1764E+01	.1500E+01	.1307E+01
.1700E+01	.5882E+00	.1364E+01	.1306E+01	.1223E+01
.1600E+01	.6250E+00	.1535E+01	.1337E+01	.1135E+01
.1500E+01	.6667E+00	.1146E+01	.1082E+01	.1018E+01
.1400E+01	.7143E+00	.1137E+01	.1056E+01	.9815E+00
.1300E+01	.7592E+00	.1218E+01	.1054E+01	.9326E+00
.1200E+01	.8333E+00	.8726E+00	.8435E+00	.8074E+00
.1100E+01	.9091E+00	.9378E+00	.7952E+00	.7124E+00
.1000E+01	.1000E+01	.7971E+00	.6674E+00	.6296E+00

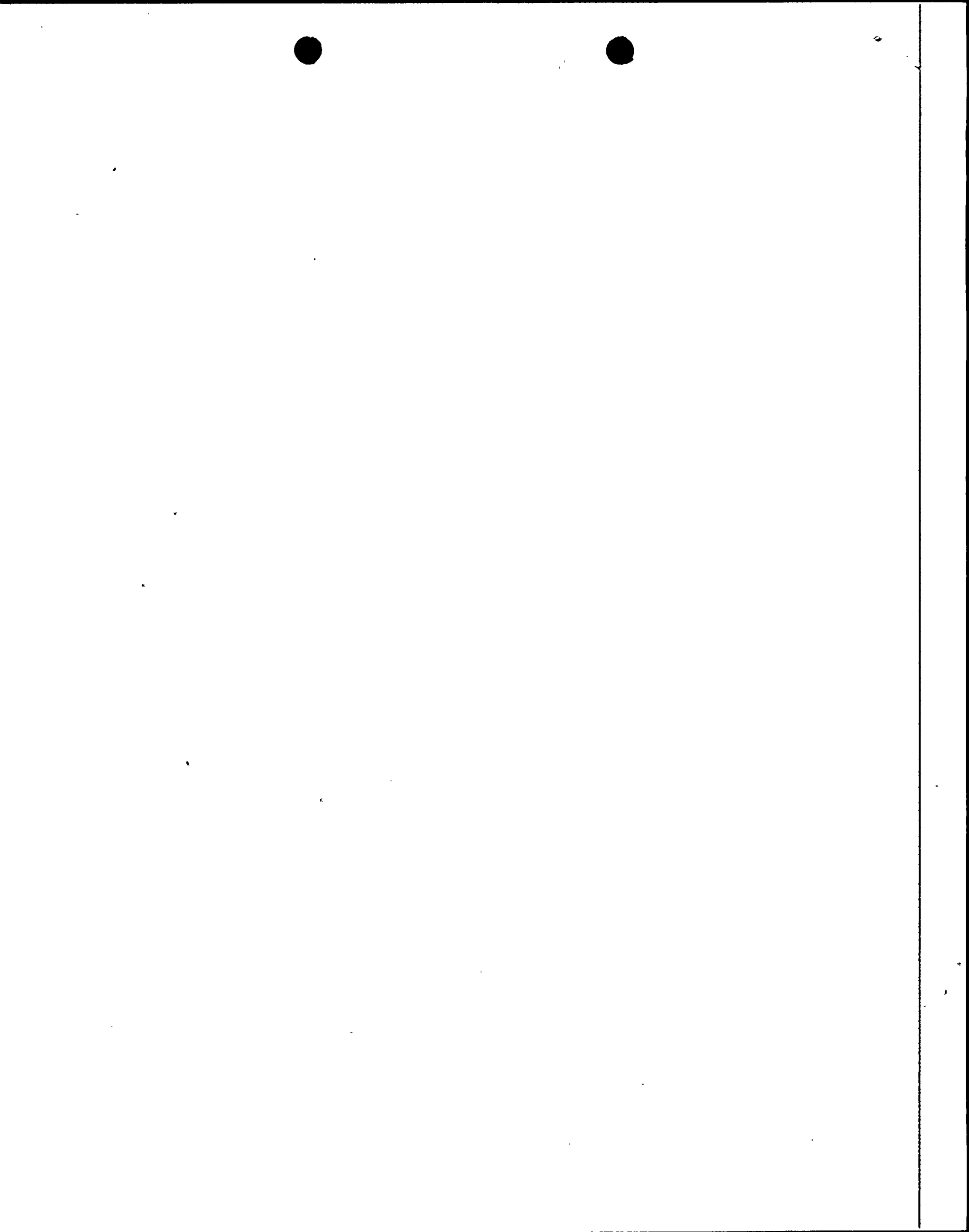


## SPECTRAL ACCELERATION FOR NODE 44, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.9653E+00	.9875E+00	.1002E+01
.3100E+02	.3226E-01	.1224E+01	.1197E+01	.1176E+01
.2801E+02	.3570E-01	.1235E+01	.1219E+01	.1209E+01
.2500E+02	.4000E-01	.1332E+01	.1337E+01	.1333E+01
.2198E+02	.4550E-01	.1545E+01	.1462E+01	.1418E+01
.2000E+02	.5000E-01	.2114E+01	.1945E+01	.1821E+01
.1799E+02	.5560E-01	.3511E+01	.3169E+01	.2958E+01
.1701E+02	.5880E-01	.4613E+01	.3794E+01	.3411E+01
.1600E+02	.6250E-01	.5880E+01	.4572E+01	.3750E+01
.1499E+02	.6670E-01	.4057E+01	.3524E+01	.3241E+01
.1449E+02	.6900E-01	.3854E+01	.3474E+01	.3178E+01
.1401E+02	.7140E-01	.4031E+01	.3477E+01	.3124E+01
.1350E+02	.7410E-01	.3705E+01	.3235E+01	.2938E+01
.1325E+02	.7550E-01	.3515E+01	.3158E+01	.2916E+01
.1300E+02	.7690E-01	.3558E+01	.3148E+01	.2925E+01
.1276E+02	.7840E-01	.3641E+01	.3189E+01	.2870E+01
.1250E+02	.8000E-01	.3409E+01	.2966E+01	.2669E+01
.1225E+02	.8160E-01	.2926E+01	.2646E+01	.2437E+01
.1200E+02	.8330E-01	.3201E+01	.2799E+01	.2509E+01
.1175E+02	.8510E-01	.3114E+01	.2723E+01	.2425E+01
.1149E+02	.8700E-01	.2719E+01	.2343E+01	.2128E+01
.1125E+02	.8890E-01	.2329E+01	.2155E+01	.1990E+01
.1100E+02	.9090E-01	.2126E+01	.2003E+01	.1900E+01
.1075E+02	.9300E-01	.1844E+01	.1872E+01	.1840E+01
.1050E+02	.9520E-01	.2142E+01	.2009E+01	.1907E+01
.1025E+02	.9760E-01	.2327E+01	.2147E+01	.1989E+01
.1000E+02	.1000E+00	.2392E+01	.2167E+01	.1996E+01
.9747E+01	.1026E+00	.2611E+01	.2378E+01	.2165E+01
.9497E+01	.1053E+00	.3050E+01	.2616E+01	.2310E+01
.9251E+01	.1081E+00	.2948E+01	.2515E+01	.2210E+01
.9001E+01	.1111E+00	.2870E+01	.2393E+01	.2090E+01
.8749E+01	.1143E+00	.2654E+01	.2195E+01	.1987E+01
.8503E+01	.1176E+00	.2226E+01	.1934E+01	.1826E+01
.8251E+01	.1212E+00	.2078E+01	.1970E+01	.1897E+01
.8000E+01	.1250E+00	.2216E+01	.2066E+01	.1963E+01
.7874E+01	.1270E+00	.2132E+01	.2048E+01	.1958E+01
.7752E+01	.1290E+00	.2100E+01	.2026E+01	.1941E+01
.7628E+01	.1311E+00	.2189E+01	.2040E+01	.1918E+01
.7502E+01	.1333E+00	.2244E+01	.1966E+01	.1833E+01
.7375E+01	.1356E+00	.2403E+01	.1935E+01	.1665E+01
.7252E+01	.1379E+00	.2443E+01	.2050E+01	.1752E+01
.7123E+01	.1404E+00	.2401E+01	.2060E+01	.1779E+01
.6998E+01	.1429E+00	.2360E+01	.2024E+01	.1749E+01
.6873E+01	.1455E+00	.2282E+01	.1940E+01	.1672E+01
.6752E+01	.1481E+00	.2184E+01	.1808E+01	.1705E+01
.6627E+01	.1509E+00	.2381E+01	.2009E+01	.1810E+01
.6502E+01	.1538E+00	.2170E+01	.1876E+01	.1724E+01
.6373E+01	.1569E+00	.2419E+01	.2068E+01	.1822E+01
.6250E+01	.1600E+00	.2544E+01	.2217E+01	.1946E+01
.6124E+01	.1633E+00	.2683E+01	.2241E+01	.1944E+01
.5999E+01	.1667E+00	.2276E+01	.1982E+01	.1770E+01

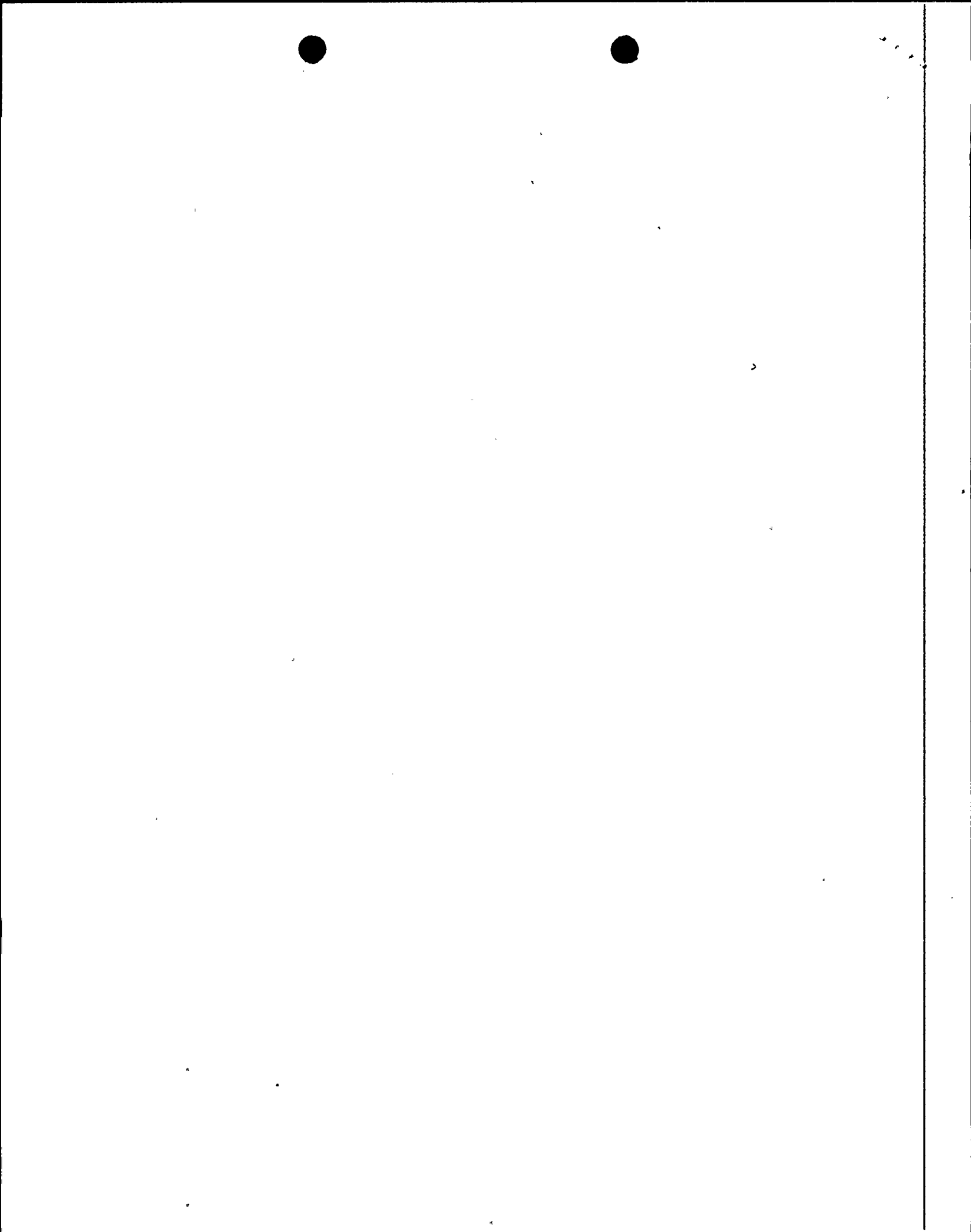


.5875E+01	.1702E+00	.2057E+01	.1883E+01	.1734E+01
.5750E+01	.1739E+00	.2067E+01	.1847E+01	.1694E+01
.5624E+01	.1778E+00	.2168E+01	.1802E+01	.1582E+01
.5501E+01	.1818E+00	.2244E+01	.1904E+01	.1656E+01
.5376E+01	.1860E+00	.2121E+01	.1777E+01	.1587E+01
.5263E+01	.1900E+00	.2212E+01	.1848E+01	.1649E+01
.5126E+01	.1951E+00	.2318E+01	.1986E+01	.1719E+01
.5000E+01	.2000E+00	.2453E+01	.2091E+01	.1814E+01
.4900E+01	.2041E+00	.2478E+01	.2120E+01	.1843E+01
.4801E+01	.2083E+00	.2450E+01	.2048E+01	.1790E+01
.4699E+01	.2128E+00	.2796E+01	.2242E+01	.1920E+01
.4600E+01	.2174E+00	.2621E+01	.2181E+01	.1886E+01
.4500E+01	.2222E+00	.2933E+01	.2199E+01	.1811E+01
.4399E+01	.2273E+00	.2843E+01	.2280E+01	.1900E+01
.4299E+01	.2326E+00	.2346E+01	.2090E+01	.1862E+01
.4200E+01	.2381E+00	.2095E+01	.1953E+01	.1799E+01
.4100E+01	.2439E+00	.2443E+01	.2108E+01	.1845E+01
.4000E+01	.2500E+00	.2606E+01	.2159E+01	.1836E+01
.3900E+01	.2564E+00	.2372E+01	.1849E+01	.1568E+01
.3799E+01	.2632E+00	.2331E+01	.1931E+01	.1673E+01
.3700E+01	.2703E+00	.2080E+01	.1858E+01	.1653E+01
.3600E+01	.2778E+00	.1959E+01	.1653E+01	.1473E+01
.3449E+01	.2899E+00	.2296E+01	.1933E+01	.1693E+01
.3299E+01	.3031E+00	.2117E+01	.1794E+01	.1582E+01
.3150E+01	.3175E+00	.1743E+01	.1595E+01	.1472E+01
.3000E+01	.3333E+00	.2253E+01	.1929E+01	.1700E+01
.2900E+01	.3448E+00	.1956E+01	.1718E+01	.1551E+01
.2800E+01	.3571E+00	.2162E+01	.1882E+01	.1670E+01
.2700E+01	.3704E+00	.2529E+01	.1974E+01	.1635E+01
.2600E+01	.3846E+00	.2197E+01	.1967E+01	.1758E+01
.2500E+01	.4000E+00	.1792E+01	.1722E+01	.1625E+01
.2400E+01	.4167E+00	.2027E+01	.1842E+01	.1664E+01
.2300E+01	.4348E+00	.2605E+01	.2066E+01	.1716E+01
.2200E+01	.4545E+00	.2143E+01	.1869E+01	.1669E+01
.2100E+01	.4762E+00	.1540E+01	.1445E+01	.1380E+01
.2000E+01	.5000E+00	.1521E+01	.1398E+01	.1318E+01
.1900E+01	.5263E+00	.1750E+01	.1521E+01	.1361E+01
.1800E+01	.5556E+00	.1758E+01	.1496E+01	.1303E+01
.1700E+01	.5882E+00	.1360E+01	.1304E+01	.1221E+01
.1600E+01	.6250E+00	.1630E+01	.1335E+01	.1135E+01
.1500E+01	.6667E+00	.1141E+01	.1078E+01	.1015E+01
.1400E+01	.7143E+00	.1132E+01	.1051E+01	.9779E+00
.1300E+01	.7692E+00	.1217E+01	.1051E+01	.9272E+00
.1200E+01	.8333E+00	.8701E+00	.8429E+00	.8064E+00
.1100E+01	.9091E+00	.9354E+00	.7928E+00	.7122E+00
.1000E+01	.1000E+01	.7963E+00	.6657E+00	.6278E+00



SPECTRAL ACCELERATION FOR NODE 45, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.1139E+01	.1126E+01	.1118E+01
.3100E+02	.3226E-01	.1079E+01	.1085E+01	.1098E+01
.2801E+02	.3570E-01	.1250E+01	.1231E+01	.1220E+01
.2500E+02	.4000E-01	.1314E+01	.1306E+01	.1304E+01
.2198E+02	.4550E-01	.1501E+01	.1559E+01	.1531E+01
.2000E+02	.5000E-01	.1681E+01	.1590E+01	.1522E+01
.1799E+02	.5560E-01	.2477E+01	.2414E+01	.2336E+01
.1701E+02	.5980E-01	.3186E+01	.2992E+01	.2832E+01
.1600E+02	.6250E-01	.3527E+01	.3328E+01	.3089E+01
.1499E+02	.6670E-01	.4312E+01	.3984E+01	.3703E+01
.1449E+02	.6900E-01	.5032E+01	.4522E+01	.4132E+01
.1401E+02	.7140E-01	.5572E+01	.4843E+01	.4370E+01
.1350E+02	.7410E-01	.5450E+01	.4807E+01	.4380E+01
.1325E+02	.7550E-01	.5353E+01	.4900E+01	.4444E+01
.1300E+02	.7690E-01	.5604E+01	.4995E+01	.4454E+01
.1276E+02	.7840E-01	.5980E+01	.5045E+01	.4369E+01
.1250E+02	.8000E-01	.5437E+01	.4522E+01	.4014E+01
.1225E+02	.8160E-01	.4571E+01	.3916E+01	.3449E+01
.1200E+02	.8330E-01	.4142E+01	.3579E+01	.3173E+01
.1175E+02	.8510E-01	.4049E+01	.3503E+01	.3083E+01
.1149E+02	.8700E-01	.3512E+01	.3041E+01	.2720E+01
.1125E+02	.8390E-01	.2949E+01	.2706E+01	.2497E+01
.1100E+02	.9090E-01	.2642E+01	.2464E+01	.2342E+01
.1075E+02	.9300E-01	.2227E+01	.2264E+01	.2223E+01
.1050E+02	.9520E-01	.2562E+01	.2404E+01	.2281E+01
.1025E+02	.9760E-01	.2764E+01	.2549E+01	.2360E+01
.1000E+02	.1000E+00	.2826E+01	.2547E+01	.2347E+01
.9747E+01	.1026E+00	.2945E+01	.2579E+01	.2455E+01
.9497E+01	.1053E+00	.3530E+01	.3041E+01	.2693E+01
.9251E+01	.1081E+00	.3487E+01	.2999E+01	.2635E+01
.9001E+01	.1111E+00	.3249E+01	.2614E+01	.2237E+01
.8749E+01	.1143E+00	.2935E+01	.2417E+01	.2101E+01
.8503E+01	.1176E+00	.2415E+01	.2087E+01	.1902E+01
.8251E+01	.1212E+00	.2245E+01	.2063E+01	.1926E+01
.8000E+01	.1250E+00	.2293E+01	.2136E+01	.2025E+01
.7874E+01	.1270E+00	.2232E+01	.2140E+01	.2045E+01
.7752E+01	.1290E+00	.2217E+01	.2139E+01	.2046E+01
.7628E+01	.1311E+00	.2330E+01	.2180E+01	.2052E+01
.7502E+01	.1333E+00	.2459E+01	.2146E+01	.1989E+01
.7375E+01	.1356E+00	.2562E+01	.2080E+01	.1823E+01
.7252E+01	.1379E+00	.2553E+01	.2234E+01	.1916E+01
.7123E+01	.1404E+00	.2519E+01	.2256E+01	.1956E+01
.6998E+01	.1429E+00	.2571E+01	.2212E+01	.1919E+01
.6873E+01	.1455E+00	.2462E+01	.2103E+01	.1817E+01
.6752E+01	.1481E+00	.2304E+01	.1927E+01	.1864E+01
.6627E+01	.1509E+00	.2569E+01	.2195E+01	.1993E+01
.6502E+01	.1538E+00	.2429E+01	.2099E+01	.1930E+01
.6373E+01	.1569E+00	.2478E+01	.2106E+01	.1852E+01
.6250E+01	.1600E+00	.2518E+01	.2275E+01	.1991E+01
.6124E+01	.1633E+00	.2800E+01	.2331E+01	.2015E+01
.5999E+01	.1567E+00	.2412E+01	.2095E+01	.1875E+01





.5875E+01	.1702E+00	.2257E+01	.2078E+01	.1925E+01
.5750E+01	.1739E+00	.2256E+01	.2026E+01	.1872E+01
.5624E+01	.1778E+00	.2249E+01	.1970E+01	.1727E+01
.5501E+01	.1818E+00	.2332E+01	.1979E+01	.1721E+01
.5376E+01	.1860E+00	.2197E+01	.1841E+01	.1572E+01
.5263E+01	.1900E+00	.2258E+01	.1883E+01	.1699E+01
.5126E+01	.1951E+00	.2379E+01	.2039E+01	.1764E+01
.5000E+01	.2000E+00	.2518E+01	.2145E+01	.1859E+01
.4900E+01	.2041E+00	.2533E+01	.2164E+01	.1878E+01
.4801E+01	.2083E+00	.2518E+01	.2100E+01	.1822E+01
.4699E+01	.2128E+00	.2859E+01	.2298E+01	.1967E+01
.4600E+01	.2174E+00	.2676E+01	.2232E+01	.1929E+01
.4500E+01	.2222E+00	.3018E+01	.2264E+01	.1856E+01
.4399E+01	.2273E+00	.2899E+01	.2324E+01	.1935E+01
.4299E+01	.2326E+00	.2389E+01	.2126E+01	.1892E+01
.4200E+01	.2381E+00	.2132E+01	.1987E+01	.1831E+01
.4100E+01	.2439E+00	.2484E+01	.2143E+01	.1875E+01
.4000E+01	.2500E+00	.2558E+01	.2203E+01	.1872E+01
.3900E+01	.2564E+00	.2418E+01	.1890E+01	.1605E+01
.3799E+01	.2532E+00	.2374E+01	.1967E+01	.1704E+01
.3700E+01	.2703E+00	.2105E+01	.1879E+01	.1671E+01
.3600E+01	.2778E+00	.1990E+01	.1579E+01	.1491E+01
.3449E+01	.2899E+00	.2325E+01	.1955E+01	.1711E+01
.3299E+01	.3031E+00	.2139E+01	.1815E+01	.1601E+01
.3150E+01	.3175E+00	.1758E+01	.1616E+01	.1493E+01
.3000E+01	.3333E+00	.2276E+01	.1948E+01	.1718E+01
.2900E+01	.3448E+00	.1970E+01	.1729E+01	.1558E+01
.2800E+01	.3571E+00	.2180E+01	.1898E+01	.1682E+01
.2700E+01	.3704E+00	.2548E+01	.1990E+01	.1548E+01
.2600E+01	.3846E+00	.2210E+01	.1977E+01	.1766E+01
.2500E+01	.4000E+00	.1805E+01	.1736E+01	.1639E+01
.2400E+01	.4167E+00	.2044E+01	.1857E+01	.1678E+01
.2300E+01	.4348E+00	.2625E+01	.2083E+01	.1731E+01
.2200E+01	.4545E+00	.2157E+01	.1881E+01	.1680E+01
.2100E+01	.4762E+00	.1548E+01	.1453E+01	.1388E+01
.2000E+01	.5000E+00	.1529E+01	.1404E+01	.1324E+01
.1900E+01	.5263E+00	.1758E+01	.1528E+01	.1368E+01
.1800E+01	.5556E+00	.1764E+01	.1501E+01	.1307E+01
.1700E+01	.5882E+00	.1364E+01	.1306E+01	.1224E+01
.1600E+01	.6250E+00	.1635E+01	.1338E+01	.1135E+01
.1500E+01	.6667E+00	.1145E+01	.1082E+01	.1018E+01
.1400E+01	.7143E+00	.1136E+01	.1055E+01	.9809E+00
.1300E+01	.7592E+00	.1218E+01	.1053E+01	.9317E+00
.1200E+01	.8333E+00	.8724E+00	.8432E+00	.8070E+00
.1100E+01	.9091E+00	.9377E+00	.7951E+00	.7125E+00
.1000E+01	.1000E+01	.7971E+00	.6672E+00	.6294E+00



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## SPECTRAL ACCELERATION FOR NODE 51, DIRECTION Y

FREQ (CPS)	PERIOD (SEC)	2.0 0/0 DAMPING SA	3.0 0/0 DAMPING SA	4.0 0/0 DAMPING SA
.3401E+02	.2940E-01	.5952E+00	.5618E+00	.5368E+00
.3100E+02	.3226E-01	.6604E+00	.6025E+00	.5590E+00
.2801E+02	.3570E-01	.6866E+00	.6296E+00	.6008E+00
.2500E+02	.4000E-01	.6967E+00	.6379E+00	.6262E+00
.2198E+02	.4550E-01	.7756E+00	.7240E+00	.7058E+00
.2000E+02	.5000E-01	.8616E+00	.8098E+00	.7722E+00
.1799E+02	.5560E-01	.9683E+00	.8029E+00	.7152E+00
.1701E+02	.5880E-01	.9767E+00	.8929E+00	.8339E+00
.1600E+02	.6250E-01	.1090E+01	.1023E+01	.9644E+00
.1499E+02	.6670E-01	.1088E+01	.1041E+01	.9992E+00
.1449E+02	.6900E-01	.1134E+01	.1074E+01	.1024E+01
.1401E+02	.7140E-01	.1169E+01	.1090E+01	.1034E+01
.1350E+02	.7410E-01	.1195E+01	.1104E+01	.1043E+01
.1325E+02	.7550E-01	.1176E+01	.1119E+01	.1055E+01
.1300E+02	.7690E-01	.1246E+01	.1144E+01	.1056E+01
.1276E+02	.7840E-01	.1312E+01	.1148E+01	.1031E+01
.1250E+02	.8000E-01	.1254E+01	.1119E+01	.1026E+01
.1225E+02	.8160E-01	.1259E+01	.1165E+01	.1072E+01
.1200E+02	.8330E-01	.1401E+01	.1228E+01	.1102E+01
.1175E+02	.8510E-01	.1371E+01	.1203E+01	.1104E+01
.1149E+02	.8700E-01	.1435E+01	.1273E+01	.1171E+01
.1125E+02	.8890E-01	.1341E+01	.1254E+01	.1178E+01
.1100E+02	.9090E-01	.1267E+01	.1202E+01	.1155E+01
.1075E+02	.9300E-01	.1157E+01	.1167E+01	.1147E+01
.1050E+02	.9520E-01	.1344E+01	.1264E+01	.1202E+01
.1025E+02	.9760E-01	.1461E+01	.1356E+01	.1266E+01
.1000E+02	.1000E+00	.1525E+01	.1392E+01	.1292E+01
.9747E+01	.1026E+00	.1571E+01	.1421E+01	.1291E+01
.9497E+01	.1053E+00	.1880E+01	.1612E+01	.1427E+01
.9251E+01	.1081E+00	.1920E+01	.1648E+01	.1447E+01
.9001E+01	.1111E+00	.2076E+01	.1686E+01	.1486E+01
.8749E+01	.1143E+00	.1932E+01	.1621E+01	.1403E+01
.8503E+01	.1176E+00	.1647E+01	.1446E+01	.1286E+01
.8251E+01	.1212E+00	.1484E+01	.1396E+01	.1335E+01
.8000E+01	.1250E+00	.1575E+01	.1466E+01	.1387E+01
.7874E+01	.1270E+00	.1513E+01	.1452E+01	.1387E+01
.7752E+01	.1290E+00	.1508E+01	.1450E+01	.1383E+01
.7628E+01	.1311E+00	.1577E+01	.1464E+01	.1374E+01
.7502E+01	.1333E+00	.1633E+01	.1421E+01	.1324E+01
.7375E+01	.1356E+00	.1873E+01	.1517E+01	.1288E+01
.7252E+01	.1379E+00	.1906E+01	.1604E+01	.1374E+01
.7123E+01	.1404E+00	.1888E+01	.1622E+01	.1404E+01
.6998E+01	.1429E+00	.1874E+01	.1610E+01	.1395E+01
.6873E+01	.1455E+00	.1836E+01	.1563E+01	.1351E+01
.6752E+01	.1481E+00	.1824E+01	.1478E+01	.1314E+01
.6627E+01	.1509E+00	.1873E+01	.1574E+01	.1415E+01
.6502E+01	.1538E+00	.1764E+01	.1506E+01	.1377E+01
.6373E+01	.1569E+00	.2023E+01	.1733E+01	.1526E+01
.6250E+01	.1600E+00	.2119E+01	.1843E+01	.1615E+01
.6124E+01	.1633E+00	.2226E+01	.1859E+01	.1612E+01
.5999E+01	.1667E+00	.1905E+01	.1656E+01	.1476E+01



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.5875E+01	.1702E+00	.1751E+01	.1603E+01	.1478E+01
.5750E+01	.1739E+00	.1797E+01	.1603E+01	.1474E+01
.5624E+01	.1778E+00	.1906E+01	.1592E+01	.1396E+01
.5501E+01	.1818E+00	.1965E+01	.1670E+01	.1454E+01
.5376E+01	.1860E+00	.1857E+01	.1557E+01	.1427E+01
.5263E+01	.1900E+00	.1983E+01	.1668E+01	.1472E+01
.5126E+01	.1951E+00	.2112E+01	.1822E+01	.1587E+01
.5000E+01	.2000E+00	.2240E+01	.1919E+01	.1672E+01
.4900E+01	.2041E+00	.2257E+01	.1937E+01	.1689E+01
.4801E+01	.2083E+00	.2212E+01	.1873E+01	.1642E+01
.4699E+01	.2128E+00	.2561E+01	.2027E+01	.1737E+01
.4600E+01	.2174E+00	.2394E+01	.1984E+01	.1716E+01
.4500E+01	.2222E+00	.2693E+01	.1995E+01	.1638E+01
.4399E+01	.2273E+00	.2619E+01	.2107E+01	.1760E+01
.4299E+01	.2326E+00	.2163E+01	.1930E+01	.1721E+01
.4200E+01	.2381E+00	.1942E+01	.1809E+01	.1667E+01
.4100E+01	.2439E+00	.2256E+01	.1944E+01	.1698E+01
.4000E+01	.2500E+00	.2409E+01	.1994E+01	.1693E+01
.3900E+01	.2564E+00	.2218E+01	.1730E+01	.1465E+01
.3799E+01	.2632E+00	.2178E+01	.1803E+01	.1562E+01
.3700E+01	.2703E+00	.1933E+01	.1723E+01	.1534E+01
.3600E+01	.2778E+00	.1838E+01	.1560E+01	.1386E+01
.3449E+01	.2899E+00	.2190E+01	.1845E+01	.1617E+01
.3299E+01	.3031E+00	.2011E+01	.1705E+01	.1504E+01
.3150E+01	.3175E+00	.1664E+01	.1529E+01	.1412E+01
.3000E+01	.3333E+00	.2159E+01	.1848E+01	.1630E+01
.2900E+01	.3448E+00	.1882E+01	.1654E+01	.1503E+01
.2800E+01	.3571E+00	.2090E+01	.1820E+01	.1604E+01
.2700E+01	.3704E+00	.2447E+01	.1911E+01	.1583E+01
.2600E+01	.3846E+00	.2128E+01	.1905E+01	.1704E+01
.2500E+01	.4000E+00	.1739E+01	.1671E+01	.1577E+01
.2400E+01	.4167E+00	.1975E+01	.1795E+01	.1622E+01
.2300E+01	.4348E+00	.2535E+01	.2010E+01	.1669E+01
.2200E+01	.4545E+00	.2091E+01	.1823E+01	.1628E+01
.2100E+01	.4762E+00	.1503E+01	.1410E+01	.1346E+01
.2000E+01	.5000E+00	.1488E+01	.1367E+01	.1289E+01
.1900E+01	.5263E+00	.1715E+01	.1490E+01	.1333E+01
.1800E+01	.5556E+00	.1728E+01	.1469E+01	.1279E+01
.1700E+01	.5882E+00	.1339E+01	.1284E+01	.1202E+01
.1600E+01	.6250E+00	.1611E+01	.1319E+01	.1120E+01
.1500E+01	.6667E+00	.1128E+01	.1065E+01	.1002E+01
.1400E+01	.7143E+00	.1121E+01	.1042E+01	.9689E+00
.1300E+01	.7692E+00	.1206E+01	.1043E+01	.9203E+00
.1200E+01	.8333E+00	.8648E+00	.8373E+00	.8012E+00
.1100E+01	.9091E+00	.9274E+00	.7855E+00	.7085E+00
.1000E+01	.1000E+01	.7916E+00	.6608E+00	.6231E+00

