MFN 06-364

ENCLOSURE 25

Transient output data (2000s) of void fraction (ALP) for FWL (base case), ASCII file "FWL-8D_1SRV-2000s_RPV-DW-WW_ALP.GRA"

TIME (sec)	ALP992104	ALP992004	ALP991904	ALP991804
ALP991704	ALP991604	ALP991504		
1.000000E-10	9.9999899E-01	9.9998498E-01	9.9998301E-01	3.0531198E-01
1.3878402E-01	6.1639777E-04	9.9985637E-06		
1.003469E-01	9.9999887E-01	9.9998498E-01	9.9998337E-01	3.1021994E-01
1.4841002E-01	2.2865762E-03	3.4165823E-05		
2.016405E-01	9.9999839E-01	9.9998552E-01	9.9998379E-01	3.1658533E-01
1.6143866E-01	3.0083077E-03	4.6730966E-05		
3.143499E-01	9.9999750E-01	9.9998528E-01	9.9998420E-01	3.2500511E-01
1.8164550E-01	3.2083204E-03	5.1635834E-05		
4.176774E-01	9.9999654E-01	9.9998528E-01	9.9998420E-01	3.3382756E-01
2.0400038E-01	3.1505611E-03	4.9827519E-05		
5.179474E-01	9.9999511E-01	9.9998468E-01	9.9998403E-01	3.4352261E-01
2.2837035E-01	3.8307002E-03	6.0846134E-05		
6.236274E-01	9.9999338E-01	9.9998385E-01	9.9998349E-01	3.5456786E-01
2.5660825E-01	4.9746712E-03	7.9396443E-05		
7.657229E-01	9.9999017E-01	9.9998200E-01	9.9998194E-01	3.7100765E-01
2.9914913E-01	7.0437402E-03	1.1811581E-04		
8.878756E-01	9.9998677E-01	9.9997991E-01	9.9997991E-01	3.8585865E-01
3.3920383E-01	9.4454344E-03	1.7283173E-04		
9.933645E-01	9.9998349E-01	9.9997771E-01	9.9997783E-01	3.9859000E-01
3.7691176E-01	1.1962696E-02	2.5130855E-04		
1.524044E+00	9.9996620E-01	9.9996054E-01	9.9996144E-01	4.6800357E-01
5.6403774E-01	3.2725893E-02	1.3241955E-03		
2.030162E+00	9.9995297E-01	9.9994767E-01	9.9994367E-01	5.4061311E-01
7.3294836E-01	2.8733471E-02	1.0147168E-03		
2.550346E+00	9.9993759E-01	9.9993467E-01	9.5435178E-01	6.0710406E-01
8.8500392E-01	2.1542946E-02	7.5218157E-04		
3.062366E+00	9.9992305E-01	9.9991214E-01	7.8356779E-01	6.8346828E-01
9.4895256E-01	1.0180374E-01	1.6251941E-04		
3.562366E+00	9.9988830E-01	9.9180388E-01	7.4092621E-01	7.4027622E-01
9.5967317E-01	1.0568950E-01	5.2924291E-04		
4.082775E+00	9.9984336E-01	9.8775673E-01	7.7376246E-01	7.8903222E-01
9.6454376E-01	1.2903701E-01	5.6857668E-04		
4.604100E+00	9.9980670E-01	9.9349052E-01	8.2325935E-01	8.1895596E-01
9.5766896E-01	2.0667632E-01	8.2992669E-04		
5.125216E+00	9.9977392E-01	9.9812710E-01	8.8602269E-01	8.4059799E-01
9.4652826E-01	2.9944581E-01	2.1187000E-03		
5.625216E+00	9.9974525E-01	9.9926400E-01	9.3376458E-01	8.6096275E-01
9.3903494E-01	3.6782524E-01	5.1668915E-03		
6.125216E+00	9.9972284E-01	9.9958473E-01	9.6951246E-01	8.8337088E-01
9.3126142E-01	4.1222873E-01	1.0146406E-02		
6.625216E+00	9.9970508E-01	9.9969316E-01	9.9378747E-01	9.1280663E-01
9.2300946E-01	4.8953041E-01	1.6821893E-02		
7.125216E+00	9.9969298E-01	9.9974459E-01	9.9953401E-01	9.5503736E-01
9.1337562E-01	5.8300120E-01	2.4428707E-02		
7.625216E+00	9.9970126E-01	9.9981564E-01	9.9988639E-01	9.8540968E-01
9.5659196E-01	6.9425774E-01	3.2107912E-02		
8.125216E+00	9.9971789E-01	9.9977654E-01	9.9989611E-01	9.9198079E-01
9.9006397E-01	8.0105740E-01	3.9774172E-02		
8.625216E+00	9.9974889E-01	9.9974430E-01	9.9984038E-01	9.9571037E-01
9.9557257E-01	9.3564993E-01	4.6730369E-02		
9.146049E+00	9.9979049E-01	9.9973965E-01	9.9980712E-01	9.9784255E-01
9.9787366E-01	8.7857920E-01	6.2401301E-01		
9.646049E+00	9.9984831E-01	9.9971712E-01	9.9977165E-01	9.9885350E-01
9.9913132E-01	8.7914026E-01	8.6708677E-01		

1.014605E+01	9.9989349E-01	9.9970579E-01	9.9973822E-01	9.9931002E-01
9.9962223E-01	8.9228195E-01	8.8584518E-01		
1.064605E+01	9.9990761E-01	9.9971962E-01	9.9973619E-01	9.9951792E-01
9.9979424E-01	9.0495080E-01	9.0101182E-01		
1.114605E+01	9.9991024E-01	9.9972683E-01	9.9974078E-01	9.9962533E-01
9.9986029E-01	9.1594350E-01	9.1364861E-01		
1.164605E+01	9.9991339E-01	9.9968195E-01	9.9970847E-01	9.9967694E-01
9.9990577E-01	9.2519438E-01	9.2315674E-01		
1.214605E+01	9.9992049E-01	9.9957120E-01	9.9961138E-01	9.9966133E-01
9.9992365E-01	9.3628722E-01	9.3134046E-01		
1.264605E+01	9.9993002E-01	9.9937654E-01	9.9943411E-01	9.9956363E-01
9.9991834E-01	9.4695950E-01	9.3736875E-01		
1.314605E+01	9.9993819E-01	9.9915504E-01	9.9920893E-01	9.9939710E-01
9.9987262E-01	9.5458567E-01	9.4694436E-01		
1.364605E+01	9.9992329E-01	9.9918169E-01	9.9914658E-01	9.9925625E-01
9.9984539E-01	9.5109081E-01	9.5263302E-01		
1.414605E+01	9.9987549E-01	9.9932718E-01	9.9927670E-01	9.9921608E-01
9.9977535E-01	9.4765460E-01	9.5377189E-01		
1.464605E+01	9.9982828E-01	9.9941683E-01	9.9938303E-01	9.9924600E-01
9.9977815E-01	9.5059478E-01	9.5392585E-01		
1.514605E+01	9.9977928E-01	9.9946606E-01	9.9944597E-01	9.9929851E-01
9.9978161E-01	9.5744783E-01	9.5688194E-01		
1.564605E+01	9.9975789E-01	9.9948221E-01	9.9947226E-01	9.9934876E-01
9.9973339E-01	9.6471918E-01	9.6246231E-01		
1.614605E+01	9.9972659E-01	9.9948835E-01	9.9948120E-01	9.9938565E-01
9.9966455E-01	9.7077042E-01	9.6870619E-01		
1.664605E+01	9.9971235E-01	9.9948961E-01	9.9948466E-01	9.9940765E-01
9.9966627E-01	9.7537953E-01	9.7401500E-01		
1.714605E+01	9.9970448E-01	9.9948871E-01	9.9948525E-01	9.9941915E-01
9.9967051E-01	9.7853374E-01	9.7814727E-01		
1.764605E+01	9.9970341E-01	9.9949026E-01	9.9948734E-01	9.9942589E-01
9.9967504E-01	9.8010772E-01	9.8102790E-01		
1.814605E+01	9.9971282E-01	9.9949765E-01	9.9949890E-01	9.9943596E-01
9.9968809E-01	9.7956270E-01	9.8360074E-01		
1.864605E+01	9.9972039E-01	9.9950659E-01	9.9950600E-01	9.9944711E-01
9.9968517E-01	9.7819144E-01	9.8378628E-01		
1.914605E+01	9.9971694E-01	9.9951607E-01	9.9952000E-01	9.9945867E-01
9.9970818E-01	9.7436541E-01	9.8311919E-01		
1.964605E+01	9.9973673E-01	9.9953908E-01	9.9954259E-01	9.9947768E-01
9.9972385E-01	9.6775931E-01	9.8130339E-01		
2.014605E+01	9.9975723E-01	9.9956751E-01	9.9957067E-01	9.9950147E-01
9.9974537E-01	9.6164316E-01	9.7799712E-01		
2.064605E+01	9.9977630E-01	9.9959928E-01	9.9960285E-01	9.9952906E-01
9.9976242E-01	9.5550817E-01	9.7410041E-01		
2.114605E+01	9.9979091E-01	9.9964166E-01	9.9964428E-01	9.9956286E-01
9.9977148E-01	9.4956481E-01	9.7048789E-01		
2.164605E+01	9.9979848E-01	9.9969167E-01	9.9969453E-01	9.9960560E-01
9.9975854E-01	9.4463080E-01	9.6746016E-01		
2.214605E+01	9.9981308E-01	9.9974644E-01	9.9975878E-01	9.9966478E-01
9.9971062E-01	9.4279045E-01	9.6596527E-01		
2.266648E+01	9.9983579E-01	9.9980211E-01	9.9982631E-01	9.9976379E-01
9.9954706E-01	9.4951999E-01	9.6170413E-01		
2.318409E+01	9.9986029E-01	9.9983615E-01	9.9985743E-01	9.9983424E-01
9.9927223E-01	9.4992483E-01	9.6281463E-01		
2.368409E+01	9.9988401E-01	9.9985886E-01	9.9987310E-01	9.9987203E-01
9.9937701E-01	9.4807082E-01	9.6261519E-01		

2.418409E+01	9.9989974E-01	9.9987221E-01	9.9988145E-01	9.9988812E-01
9.9940211E-01	9.4342768E-01	9.6230698E-01		
2.468420E+01	9.9988383E-01	9.9988359E-01	9.9989206E-01	9.9989778E-01
9.9930376E-01	9.3116611E-01	9.5913452E-01		
2.518866E+01	9.9985731E-01	9.9989438E-01	9.9990284E-01	9.9991077E-01
9.9912339E-01	9.2951822E-01	9.5670789E-01		
2.570592E+01	9.9983782E-01	9.9990511E-01	9.9991500E-01	9.9992108E-01
9.9910527E-01	9.3699843E-01	9.5649022E-01		
2.622136E+01	9.9982488E-01	9.9991190E-01	9.9992269E-01	9.9992090E-01
9.9914783E-01	9.4538248E-01	9.5801800E-01		
2.673972E+01	9.9981403E-01	9.9991000E-01	9.9991912E-01	9.9989420E-01
9.9931329E-01	9.4125253E-01	9.6600366E-01		
2.724740E+01	9.9980927E-01	9.9989080E-01	9.9990010E-01	9.9986398E-01
9.9950469E-01	9.3305212E-01	9.6771884E-01		
2.776852E+01	9.9982089E-01	9.9985397E-01	9.9985749E-01	9.9983555E-01
9.9981761E-01	9.2763054E-01	9.6583021E-01		
2.828743E+01	9.9984366E-01	9.9984151E-01	9.9983424E-01	9.9982065E-01
9.9974740E-01	9.2563981E-01	9.6364409E-01		
2.878743E+01	9.9986446E-01	9.9985892E-01	9.9984449E-01	9.9981320E-01
9.9967718E-01	9.2538041E-01	9.6197796E-01		
2.928743E+01	9.9988163E-01	9.9987561E-01	9.9986064E-01	9.9981421E-01
9.9964315E-01	9.2572659E-01	9.6032816E-01		
2.978743E+01	9.9989384E-01	9.9988836E-01	9.9987417E-01	9.9981856E-01
9.9959707E-01	9.2527479E-01	9.5987040E-01		
3.028743E+01	9.9990290E-01	9.9989772E-01	9.9988383E-01	9.9982214E-01
9.9954188E-01	9.2409223E-01	9.5976591E-01		
3.078743E+01	9.9991024E-01	9.9990529E-01	9.9989158E-01	9.9982518E-01
9.9947411E-01	9.2230922E-01	9.5969677E-01		
3.128743E+01	9.9991775E-01	9.9991244E-01	9.9989778E-01	9.9982756E-01
9.9938631E-01	9.1941786E-01	9.6015984E-01		
3.178743E+01	9.9992269E-01	9.9991822E-01	9.9990332E-01	9.9982911E-01
9.9927789E-01	9.1616249E-01	9.5922798E-01		
3.228743E+01	9.9991870E-01	9.9991649E-01	9.9990529E-01	9.9982899E-01
9.9915749E-01	9.1190052E-01	9.5832789E-01		
3.278743E+01	9.9991399E-01	9.9991238E-01	9.9990314E-01	9.9982727E-01
9.9903929E-01	9.0721232E-01	9.5678353E-01		
3.328743E+01	9.9990767E-01	9.9990672E-01	9.9989897E-01	9.9982315E-01
9.9890101E-01	9.0266234E-01	9.5389360E-01		
3.378743E+01	9.9992764E-01	9.9989325E-01	9.9989557E-01	9.9982089E-01
9.9890929E-01	9.0205288E-01	9.4661623E-01		
3.428743E+01	9.9994701E-01	9.9987310E-01	9.9987233E-01	9.9981445E-01
9.9874604E-01	9.0930241E-01	9.3554991E-01		
3.478743E+01	9.9993557E-01	9.9988163E-01	9.9986744E-01	9.9980241E-01
9.9844247E-01	9.1537315E-01	9.3292391E-01		
3.528743E+01	9.9990177E-01	9.9989051E-01	9.9987161E-01	9.9978840E-01
9.9801153E-01	9.1272271E-01	9.3371058E-01		
3.578743E+01	9.9987298E-01	9.9988818E-01	9.9987596E-01	9.9977469E-01
9.9746370E-01	9.0787935E-01	9.3073934E-01		
3.628743E+01	9.9984777E-01	9.9985904E-01	9.9986035E-01	9.9975687E-01
9.9682832E-01	8.9788800E-01	9.2918426E-01		
3.678743E+01	9.9982899E-01	9.9984521E-01	9.9984419E-01	9.9973422E-01
9.9636817E-01	8.8191521E-01	9.3000221E-01		
3.728743E+01	9.9981290E-01	9.9983954E-01	9.9983311E-01	9.9971044E-01
9.9661815E-01	8.3752698E-01	9.5468146E-01		
3.778743E+01	9.9980193E-01	9.9983430E-01	9.9982566E-01	9.9969387E-01
9.9817854E-01	8.0304319E-01	9.5994884E-01		

3.830806E+01	9.9979579E-01	9.9982864E-01	9.9981844E-01	9.9967390E-01
9.9630904E-01	7.7461082E-01	9.5928568E-01		
3.880806E+01	9.9979293E-01	9.9982387E-01	9.9981266E-01	9.9965823E-01
9.9774510E-01	7.5479317E-01	9.5534927E-01		
3.930806E+01	9.9979079E-01	9.9981910E-01	9.9980760E-01	9.9965161E-01
9.9840325E-01	7.4262828E-01	9.5059699E-01		
3.983299E+01	9.9978566E-01	9.9981499E-01	9.9980289E-01	9.9965239E-01
9.9884832E-01	7.3612964E-01	9.4432962E-01		
4.034888E+01	9.9976104E-01	9.9981225E-01	9.9980003E-01	9.9965918E-01
9.9539030E-01	7.7475405E-01	9.3019855E-01		
4.086869E+01	9.9967545E-01	9.9979049E-01	9.9979222E-01	9.9966270E-01
9.9367094E-01	7.9634863E-01	9.3113589E-01		
4.137451E+01	9.9967980E-01	9.9977475E-01	9.9977267E-01	9.9964917E-01
9.9378705E-01	7.8259552E-01	9.3716371E-01		
4.188536E+01	9.9969918E-01	9.9977791E-01	9.9976683E-01	9.9963313E-01
9.9516171E-01	7.8797150E-01	9.3206155E-01		
4.239460E+01	9.9971759E-01	9.9978858E-01	9.9977261E-01	9.9962568E-01
9.9580079E-01	7.9148680E-01	9.2499983E-01		
4.290141E+01	9.9973410E-01	9.9980068E-01	9.9978292E-01	9.9962503E-01
9.9609667E-01	7.9383039E-01	9.1498190E-01		
4.340367E+01	9.9974632E-01	9.9981099E-01	9.9979353E-01	9.9963003E-01
9.9628025E-01	7.9729712E-01	8.9709789E-01		
4.391029E+01	9.9975967E-01	9.9982023E-01	9.9980259E-01	9.9963653E-01
9.9639541E-01	7.9321921E-01	8.7751484E-01		
4.442013E+01	9.9977058E-01	9.9983007E-01	9.9981284E-01	9.9964517E-01
9.9606150E-01	7.9282576E-01	8.5847348E-01		
4.493227E+01	9.9977785E-01	9.9983776E-01	9.9982238E-01	9.9965632E-01
9.9583554E-01	7.9639345E-01	8.4392190E-01		
4.543827E+01	9.9978453E-01	9.9984401E-01	9.9982989E-01	9.9966854E-01
9.9589342E-01	7.9933584E-01	8.3489537E-01		
4.593893E+01	9.9979252E-01	9.9984944E-01	9.9983561E-01	9.9967945E-01
9.9609405E-01	7.9806018E-01	8.3106303E-01		
4.644418E+01	9.9980360E-01	9.9985671E-01	9.9984205E-01	9.9968779E-01
9.9614817E-01	7.9093808E-01	8.3166188E-01		
4.695213E+01	9.9981451E-01	9.9986470E-01	9.9985015E-01	9.9969584E-01
9.9618822E-01	7.8460884E-01	8.3533013E-01		
4.745940E+01	9.9982423E-01	9.9987203E-01	9.9985784E-01	9.9970376E-01
9.9631274E-01	7.7835155E-01	8.4281552E-01		
4.797015E+01	9.9983168E-01	9.9987870E-01	9.9986535E-01	9.9971277E-01
9.9602687E-01	7.7228338E-01	8.5205281E-01		
4.847311E+01	9.9983734E-01	9.9988365E-01	9.9987155E-01	9.9972129E-01
9.9578857E-01	7.6510459E-01	8.6280614E-01		
4.898312E+01	9.9984157E-01	9.9988765E-01	9.9987662E-01	9.9973005E-01
9.9580318E-01	7.5762576E-01	8.7329650E-01		
4.948804E+01	9.9984485E-01	9.9989092E-01	9.9988079E-01	9.9974030E-01
9.9627388E-01	7.5914645E-01	8.7189549E-01		
4.999225E+01	9.9984664E-01	9.9989378E-01	9.9988425E-01	9.9975371E-01
9.9708092E-01	7.6327884E-01	8.7397921E-01		
5.049424E+01	9.9984759E-01	9.9989581E-01	9.9988753E-01	9.9976963E-01
9.9768651E-01	7.6512808E-01	8.8034636E-01		
5.099622E+01	9.9984747E-01	9.9989742E-01	9.9988985E-01	9.9978644E-01
9.9824578E-01	7.6990789E-01	8.8377744E-01		
5.149626E+01	9.9984723E-01	9.9989903E-01	9.9989200E-01	9.9980378E-01
9.9871320E-01	7.7817941E-01	8.8498306E-01		
5.199947E+01	9.9984783E-01	9.9990076E-01	9.9989420E-01	9.9982107E-01
9.9912673E-01	7.8694963E-01	8.8780707E-01		

5.250106E+01	9.9984992E-01	9.9990302E-01	9.9989671E-01	9.9983764E-01
9.9947655E-01	8.0210644E-01	8.9211315E-01		
5.300600E+01	9.9985248E-01	9.9990600E-01	9.9989980E-01	9.9985379E-01
9.9964726E-01	8.1409800E-01	8.9775544E-01		
5.351564E+01	9.9985564E-01	9.9990946E-01	9.9990386E-01	9.9986815E-01
9.9974251E-01	8.2669950E-01	9.0415722E-01		
5.402672E+01	9.9985951E-01	9.9991256E-01	9.9990749E-01	9.9988002E-01
9.9981731E-01	8.3704716E-01	9.0970552E-01		
5.452872E+01	9.9986392E-01	9.9991524E-01	9.9991071E-01	9.9989074E-01
9.9988401E-01	8.4621412E-01	9.1514605E-01		
5.503849E+01	9.9986857E-01	9.9991769E-01	9.9991363E-01	9.9989980E-01
9.9991453E-01	8.5732746E-01	9.1996521E-01		
5.554660E+01	9.9987394E-01	9.9991947E-01	9.9991596E-01	9.9990463E-01
9.9993151E-01	8.6208659E-01	9.2474002E-01		
5.606082E+01	9.9987882E-01	9.9992144E-01	9.9991786E-01	9.9990761E-01
9.9994159E-01	8.5933578E-01	9.2742431E-01		
5.657179E+01	9.9988270E-01	9.9992430E-01	9.9992085E-01	9.9991155E-01
9.9994588E-01	8.5957581E-01	9.2959797E-01		
5.707279E+01	9.9988604E-01	9.9992740E-01	9.9992424E-01	9.9991566E-01
9.9994999E-01	8.6618984E-01	9.3328720E-01		
5.758298E+01	9.9989003E-01	9.9993092E-01	9.9992806E-01	9.9992007E-01
9.9995512E-01	8.7368041E-01	9.3968225E-01		
5.810007E+01	9.9989390E-01	9.9993426E-01	9.9993187E-01	9.9992448E-01
9.9996132E-01	8.8239664E-01	9.4527042E-01		
5.860656E+01	9.9989754E-01	9.9993730E-01	9.9993521E-01	9.9992806E-01
9.9996465E-01	8.9090210E-01	9.4915450E-01		
5.912025E+01	9.9990129E-01	9.9993974E-01	9.9993777E-01	9.9993116E-01
9.9996746E-01	8.9653039E-01	9.5323360E-01		
5.962025E+01	9.9990517E-01	9.9994212E-01	9.9994016E-01	9.9993354E-01
9.9996936E-01	9.0065819E-01	9.5607394E-01		
6.012025E+01	9.9990904E-01	9.9994379E-01	9.9994218E-01	9.9993593E-01
9.9997151E-01	9.0511525E-01	9.5798123E-01		
6.062025E+01	9.9991274E-01	9.9994528E-01	9.9994361E-01	9.9993789E-01
9.9997371E-01	9.1203177E-01	9.5973670E-01		
6.112025E+01	9.9991632E-01	9.9994689E-01	9.9994522E-01	9.9993920E-01
9.9997532E-01	9.2057794E-01	9.6187091E-01		
6.162025E+01	9.9991894E-01	9.9994826E-01	9.9994659E-01	9.9994063E-01
9.9997634E-01	9.2889357E-01	9.6417707E-01		
6.212025E+01	9.9992132E-01	9.9994957E-01	9.9994791E-01	9.9994183E-01
9.9997663E-01	9.3594289E-01	9.6645886E-01		
6.262025E+01	9.9992317E-01	9.9995077E-01	9.9994910E-01	9.9994302E-01
9.9997735E-01	9.4183761E-01	9.6858162E-01		
6.312025E+01	9.9992436E-01	9.9995106E-01	9.9994969E-01	9.9994415E-01
9.9997789E-01	9.4733006E-01	9.7056270E-01		
6.362025E+01	9.9992555E-01	9.9995136E-01	9.9994993E-01	9.9994427E-01
9.9997818E-01	9.5259267E-01	9.7252584E-01		
6.412025E+01	9.9992704E-01	9.9995160E-01	9.9995023E-01	9.9994427E-01
9.9997908E-01	9.5735997E-01	9.7455364E-01		
6.462025E+01	9.9992859E-01	9.9995232E-01	9.9995083E-01	9.9994469E-01
9.9997979E-01	9.6182209E-01	9.7655994E-01		
6.514344E+01	9.9992985E-01	9.9995261E-01	9.9995130E-01	9.9994510E-01
9.9998033E-01	9.6633750E-01	9.7864324E-01		
6.566270E+01	9.9993056E-01	9.9995297E-01	9.9995172E-01	9.9994570E-01
9.9998146E-01	9.7027421E-01	9.8089969E-01		
6.618295E+01	9.9993151E-01	9.9995327E-01	9.9995202E-01	9.9994606E-01
9.9998266E-01	9.7375131E-01	9.8299879E-01		

6.668818E+01	9.9993271E-01	9.9995369E-01	9.9995255E-01	9.9994659E-01
9.9998456E-01	9.7637606E-01	9.8473364E-01		
6.719306E+01	9.9993390E-01	9.9995434E-01	9.9995333E-01	9.9994731E-01
9.9998742E-01	9.7818834E-01	9.8609394E-01		
6.770707E+01	9.9993604E-01	9.9995542E-01	9.9995440E-01	9.9994838E-01
9.9999171E-01	9.7829741E-01	9.0250629E-01		
6.821601E+01	9.9993807E-01	9.9995667E-01	9.9995571E-01	9.9994951E-01
9.9999315E-01	9.7825003E-01	8.1230700E-01		
6.872067E+01	9.9993902E-01	9.9995774E-01	9.9995697E-01	9.9995077E-01
9.9999392E-01	9.7810876E-01	7.2767329E-01		
6.922510E+01	9.9993902E-01	9.9995774E-01	9.9995738E-01	9.9995202E-01
9.9999458E-01	9.7776753E-01	6.4793408E-01		
6.973701E+01	9.9993831E-01	9.9995744E-01	9.9995738E-01	9.9995267E-01
9.9999464E-01	9.3709862E-01	6.3681531E-01		
7.023885E+01	9.9993825E-01	9.9995732E-01	9.9995726E-01	9.9995267E-01
9.9999511E-01	8.6110634E-01	6.9534141E-01		
7.074079E+01	9.9993759E-01	9.9995691E-01	9.9995679E-01	9.9995267E-01
9.9999553E-01	8.5813236E-01	7.3602480E-01		
7.124079E+01	9.9993634E-01	9.9995655E-01	9.9995655E-01	9.9995273E-01
9.9997360E-01	8.7596107E-01	7.6329768E-01		
7.175066E+01	9.9993539E-01	9.9995613E-01	9.9995613E-01	9.9995273E-01
9.9996924E-01	8.7156063E-01	7.8185636E-01		
7.227091E+01	9.9993479E-01	9.9995524E-01	9.9995518E-01	9.9995208E-01
9.9997437E-01	8.6135411E-01	7.9885250E-01		
7.277091E+01	9.9993479E-01	9.9995524E-01	9.9995494E-01	9.9995160E-01
9.9998301E-01	8.6151451E-01	8.1550980E-01		
7.327091E+01	9.9993306E-01	9.9995577E-01	9.9995542E-01	9.9995261E-01
9.9997920E-01	8.6377728E-01	8.3089101E-01		
7.377091E+01	9.9993122E-01	9.9995601E-01	9.9995559E-01	9.9995309E-01
9.9997628E-01	8.6380333E-01	8.4449881E-01		
7.427091E+01	9.9993342E-01	9.9995673E-01	9.9995637E-01	9.9995351E-01
9.9997848E-01	8.7054074E-01	8.5770094E-01		
7.478299E+01	9.9992520E-01	9.9995500E-01	9.9995601E-01	9.9995267E-01
9.9998647E-01	8.7225831E-01	8.6324614E-01		
7.528299E+01	9.9992287E-01	9.9995273E-01	9.9995369E-01	9.9994349E-01
9.8944664E-01	8.5363156E-01	8.6886746E-01		
7.578299E+01	9.9992508E-01	9.9995357E-01	9.9995345E-01	9.9993241E-01
9.9950409E-01	8.3791035E-01	8.7273085E-01		
7.628299E+01	9.9992728E-01	9.9995548E-01	9.9995476E-01	9.9993491E-01
9.9998111E-01	8.3389956E-01	8.7800705E-01		
7.678299E+01	9.9992961E-01	9.9995679E-01	9.9995613E-01	9.9994034E-01
9.9998921E-01	8.3042043E-01	8.8579768E-01		
7.728299E+01	9.9993199E-01	9.9995798E-01	9.9995732E-01	9.9994445E-01
9.9999237E-01	8.2873064E-01	8.9511156E-01		
7.778299E+01	9.9993438E-01	9.9995929E-01	9.9995852E-01	9.9994767E-01
9.9999404E-01	8.3101404E-01	9.0429437E-01		
7.830791E+01	9.9993688E-01	9.9996084E-01	9.9995995E-01	9.9995017E-01
9.9999505E-01	8.3636755E-01	9.1318262E-01		
7.880791E+01	9.9993938E-01	9.9996239E-01	9.9996156E-01	9.9995255E-01
9.9999577E-01	8.4173256E-01	9.1984254E-01		
7.930791E+01	9.9994183E-01	9.9996376E-01	9.9996293E-01	9.9995482E-01
9.9999624E-01	8.4593791E-01	9.2506319E-01		
7.980791E+01	9.9994421E-01	9.9996519E-01	9.9996442E-01	9.9995685E-01
9.9999666E-01	8.4970999E-01	9.2903882E-01		
8.030791E+01	9.9994659E-01	9.9996656E-01	9.9996591E-01	9.9995911E-01
9.9999702E-01	8.5368532E-01	9.3044811E-01		

8.080791E+01	9.9994862E-01	9.9996781E-01	9.9996728E-01	9.9996144E-01
9.9999726E-01	8.5734481E-01	9.2735207E-01		
8.130791E+01	9.9995017E-01	9.9996901E-01	9.9996847E-01	9.9996328E-01
9.9999750E-01	8.5879189E-01	9.2099220E-01		
8.180791E+01	9.9995172E-01	9.9997020E-01	9.9996966E-01	9.9996477E-01
9.9999762E-01	8.5712403E-01	9.1217190E-01		
8.230791E+01	9.9995315E-01	9.9997133E-01	9.9997085E-01	9.9996620E-01
9.9999774E-01	8.5303825E-01	9.0295720E-01		
8.280791E+01	9.9995482E-01	9.9997252E-01	9.9997205E-01	9.9996763E-01
9.9999791E-01	8.4789133E-01	8.9433521E-01		
8.330791E+01	9.9995613E-01	9.9997330E-01	9.9997324E-01	9.9996889E-01
9.9999797E-01	8.4270829E-01	8.8676417E-01		
8.380791E+01	9.9995780E-01	9.9997437E-01	9.9997443E-01	9.9997008E-01
9.9999803E-01	8.3825248E-01	8.8071007E-01		
8.430791E+01	9.9995947E-01	9.9997550E-01	9.9997562E-01	9.9997127E-01
9.9999797E-01	8.3469397E-01	8.7580520E-01		
8.483009E+01	9.9996072E-01	9.9997622E-01	9.9997663E-01	9.9997252E-01
9.9999791E-01	8.3012003E-01	8.7236321E-01		
8.533189E+01	9.9996209E-01	9.9997705E-01	9.9997759E-01	9.9997371E-01
9.9999791E-01	8.2591003E-01	8.7114382E-01		
8.583189E+01	9.9996328E-01	9.9997777E-01	9.9997824E-01	9.9997491E-01
9.9999803E-01	8.2442546E-01	8.7129653E-01		
8.634407E+01	9.9996465E-01	9.9997854E-01	9.9997896E-01	9.9997604E-01
9.9999815E-01	8.2720846E-01	8.7258554E-01		
8.686680E+01	9.9996608E-01	9.9997944E-01	9.9997985E-01	9.9997729E-01
9.9999833E-01	8.3318281E-01	8.7451518E-01		
8.738983E+01	9.9996740E-01	9.9998021E-01	9.9998075E-01	9.9997860E-01
9.9999851E-01	8.3899111E-01	8.8111103E-01		
8.789572E+01	9.9996883E-01	9.9998093E-01	9.9998134E-01	9.9997973E-01
9.9999869E-01	8.4393376E-01	8.8973659E-01		
8.841684E+01	9.9996895E-01	9.9998182E-01	9.9998254E-01	9.9998116E-01
9.9999678E-01	8.6212015E-01	8.9934617E-01		
8.892328E+01	9.9996573E-01	9.9997962E-01	9.9997973E-01	9.9997973E-01
9.9753839E-01	9.1174382E-01	9.1820502E-01		
8.943372E+01	9.9996918E-01	9.9998009E-01	9.9998045E-01	9.9997789E-01
9.9997842E-01	8.7930888E-01	9.1845858E-01		
8.995622E+01	9.9997336E-01	9.9998254E-01	9.9998224E-01	9.9998027E-01
9.9999636E-01	8.5722846E-01	9.2079538E-01		
9.045622E+01	9.9997574E-01	9.9998492E-01	9.9998462E-01	9.9998266E-01
9.9999762E-01	8.5290915E-01	9.2377055E-01		
9.096755E+01	9.9997759E-01	9.9998671E-01	9.9998695E-01	9.9998516E-01
9.9999827E-01	8.5653418E-01	9.2972153E-01		
9.146755E+01	9.9997878E-01	9.9998772E-01	9.9998820E-01	9.9998760E-01
9.9999869E-01	8.6186570E-01	9.3516010E-01		
9.196755E+01	9.9997997E-01	9.9998832E-01	9.9998921E-01	9.9998963E-01
9.9999899E-01	8.6514235E-01	9.4298768E-01		
9.248622E+01	9.9998093E-01	9.9998879E-01	9.9998963E-01	9.9999088E-01
9.9999911E-01	8.6860919E-01	9.5266515E-01		
9.299437E+01	9.9998170E-01	9.9998921E-01	9.9998993E-01	9.9999201E-01
9.9999923E-01	8.7260252E-01	9.6186310E-01		
9.350123E+01	9.9998212E-01	9.9998957E-01	9.9999034E-01	9.9999249E-01
9.9999923E-01	8.7740731E-01	9.7140628E-01		
9.401919E+01	9.9998230E-01	9.9998969E-01	9.9999052E-01	9.9999261E-01
9.9999928E-01	8.9423460E-01	9.5941776E-01		
9.453943E+01	9.9998271E-01	9.9998987E-01	9.9999070E-01	9.9999279E-01
9.9999940E-01	9.0137148E-01	9.5627362E-01		

9.504118E+01	9.9998337E-01	9.9999034E-01	9.9999130E-01	9.9999386E-01
9.9999952E-01	9.0541959E-01	9.5758730E-01		
9.554896E+01	9.9998426E-01	9.9999112E-01	9.9999207E-01	9.9999487E-01
9.9999958E-01	9.1242605E-01	9.5775867E-01		
9.604896E+01	9.9998468E-01	9.9999136E-01	9.9999243E-01	9.9999553E-01
9.9999964E-01	9.1843820E-01	9.5798844E-01		
9.654896E+01	9.9998504E-01	9.9999154E-01	9.9999255E-01	9.9999595E-01
9.9999964E-01	9.2157477E-01	9.5999444E-01		
9.706335E+01	9.9998516E-01	9.9999160E-01	9.9999261E-01	9.9999595E-01
9.9999964E-01	9.2452723E-01	9.6006787E-01		
9.758144E+01	9.9998564E-01	9.9999189E-01	9.9999297E-01	9.9999624E-01
9.9999964E-01	9.2784452E-01	9.6069503E-01		
9.808710E+01	9.9998587E-01	9.9999201E-01	9.9999309E-01	9.9999636E-01
9.9999964E-01	9.3176931E-01	9.6180886E-01		
9.859486E+01	9.9998647E-01	9.9999243E-01	9.9999332E-01	9.9999648E-01
9.9999964E-01	9.3637449E-01	9.6215451E-01		
9.910259E+01	9.9998701E-01	9.9999255E-01	9.9999338E-01	9.9999648E-01
9.9999964E-01	9.3983436E-01	9.6290684E-01		
9.960883E+01	9.9998796E-01	9.9999332E-01	9.9999428E-01	9.9999726E-01
9.9999964E-01	9.4295281E-01	9.6345198E-01		
1.050470E+02	9.9999404E-01	9.9999696E-01	9.9999750E-01	9.9999905E-01
9.9999988E-01	9.3242502E-01	9.2938596E-01		
1.100490E+02	9.9999803E-01	9.9999905E-01	9.9999911E-01	9.9999911E-01
9.9999994E-01	9.4688356E-01	9.5846826E-01		
1.150536E+02	9.9999917E-01	9.9999940E-01	9.9999940E-01	9.9999934E-01
9.9999994E-01	9.5243365E-01	9.6448129E-01		
1.200844E+02	9.9999976E-01	9.9999994E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.6169209E-01	9.7157240E-01		
1.251066E+02	9.9999976E-01	9.9999982E-01	9.9999970E-01	9.9999976E-01
1.0000000E+00	9.5926362E-01	9.7370106E-01		
1.301141E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.6383834E-01	9.7603399E-01		
1.351283E+02	9.9999982E-01	9.9999994E-01	9.9999988E-01	1.0000000E+00
1.0000000E+00	9.6072853E-01	9.7866571E-01		
1.401329E+02	9.9999982E-01	9.9999994E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.6192908E-01	9.7858781E-01		
1.451352E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.6105444E-01	9.7732300E-01		
1.501399E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.6957457E-01	9.7796929E-01		
1.551709E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.7507089E-01	9.8250657E-01		
1.602165E+02	9.9999982E-01	9.9999994E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.7831982E-01	9.8531938E-01		
1.652350E+02	9.9999982E-01	9.9999994E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.7922957E-01	9.8683715E-01		
1.702598E+02	9.9999982E-01	9.9999994E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.7967023E-01	9.8633242E-01		
1.752735E+02	9.9999982E-01	9.9999994E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.8030370E-01	9.8743880E-01		
1.802951E+02	9.9999982E-01	9.9999994E-01	9.9999988E-01	1.0000000E+00
1.0000000E+00	9.8307955E-01	9.8857570E-01		
1.853119E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8359859E-01	9.8931026E-01		
1.903279E+02	9.9999982E-01	9.9999994E-01	9.9999988E-01	1.0000000E+00
1.0000000E+00	9.8313534E-01	9.8961210E-01		

1.953564E+02	9.9999982E-01	9.9999994E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.8431420E-01	9.9014825E-01		
2.003570E+02	9.9999982E-01	9.9999994E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.8538959E-01	9.9058688E-01		
2.053755E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8526794E-01	9.9025887E-01		
2.104183E+02	9.9999982E-01	9.9999994E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.8804462E-01	9.9133742E-01		
2.154335E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8701698E-01	9.9111068E-01		
2.204606E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8682201E-01	9.9117112E-01		
2.254792E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8841715E-01	9.9219006E-01		
2.304864E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8882383E-01	9.9175733E-01		
2.354968E+02	9.9999982E-01	9.9999994E-01	9.9999982E-01	1.0000000E+00
1.0000000E+00	9.8767823E-01	9.9152249E-01		
2.404991E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8795497E-01	9.9157959E-01		
2.455048E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8931152E-01	9.9232316E-01		
2.505233E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8960876E-01	9.9217957E-01		
2.555298E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8880923E-01	9.9224406E-01		
2.605788E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.9052536E-01	9.9254918E-01		
2.656043E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.8977113E-01	9.9265850E-01		
2.706539E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.9068946E-01	9.9338830E-01		
2.756957E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.9185729E-01	9.9353766E-01		
2.807159E+02	9.9999982E-01	9.9999994E-01	9.9999988E-01	1.0000000E+00
1.0000000E+00	9.9188751E-01	9.9366271E-01		
2.857581E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.9155730E-01	9.9354899E-01		
2.907736E+02	9.9999982E-01	9.9999994E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.9227220E-01	9.9422908E-01		
2.957799E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.9351263E-01	9.9461097E-01		
3.007857E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.9309176E-01	9.9446768E-01		
3.058138E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.9397874E-01	9.9518156E-01		
3.108138E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.9444789E-01	9.9530190E-01		
3.158304E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	1.0000000E+00
1.0000000E+00	9.9492776E-01	9.9560702E-01		
3.208480E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9520314E-01	9.9584454E-01		
3.258746E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9543345E-01	9.9596572E-01		
3.308900E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999994E-01
9.9999994E-01	9.9567699E-01	9.9618602E-01		

3.358961E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999994E-01
9.9999994E-01	9.9580836E-01	9.9629956E-01		
3.409074E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9595302E-01	9.9643004E-01		
3.459233E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9603838E-01	9.9650639E-01		
3.509260E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9609405E-01	9.9655443E-01		
3.559283E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9616838E-01	9.9658000E-01		
3.609366E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9625307E-01	9.9666488E-01		
3.659482E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9631339E-01	9.9670273E-01		
3.709486E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9630493E-01	9.9656433E-01		
3.759580E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9657470E-01	9.9668878E-01		
3.809612E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999988E-01	9.9670154E-01	9.9665737E-01		
3.859788E+02	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9698102E-01	9.9686688E-01		
3.910090E+02	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9688751E-01	9.9675083E-01		
3.960181E+02	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9677044E-01	9.9665761E-01		
4.010229E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9701422E-01	9.9689472E-01		
4.060714E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9719852E-01	9.9702722E-01		
4.111179E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9725622E-01	9.9710983E-01		
4.161518E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9707615E-01	9.9695385E-01		
4.211620E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9691284E-01	9.9677819E-01		
4.261913E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9683940E-01	9.9663603E-01		
4.311930E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9679887E-01	9.9658078E-01		
4.361968E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9603063E-01	9.9585891E-01		
4.412443E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9580383E-01	9.9560410E-01		
4.462449E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9519318E-01	9.9499130E-01		
4.512502E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9487466E-01	9.9461490E-01		
4.562851E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9467188E-01	9.9446023E-01		
4.613121E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9460942E-01	9.9440193E-01		
4.663397E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9469745E-01	9.9424088E-01		
4.713776E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9486190E-01	9.9461329E-01		

4.763856E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9486983E-01	9.9459362E-01		
4.814128E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9518824E-01	9.9453312E-01		
4.864223E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9549216E-01	9.9485165E-01		
4.914722E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9606270E-01	9.9573284E-01		
4.964919E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9612939E-01	9.9587166E-01		
5.015259E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9667323E-01	9.9626076E-01		
5.065450E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9581504E-01	9.9549621E-01		
5.115457E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9521023E-01	9.9500597E-01		
5.165457E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9444234E-01	9.9431401E-01		
5.215463E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9426752E-01	9.9427485E-01		
5.265685E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9379963E-01	9.9377865E-01		
5.316183E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9428147E-01	9.9410832E-01		
5.366320E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9461347E-01	9.9436325E-01		
5.416345E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9496394E-01	9.9460679E-01		
5.466345E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9479431E-01	9.9451619E-01		
5.516580E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9497980E-01	9.9472868E-01		
5.566583E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9253571E-01	9.9281538E-01		
5.616711E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9451172E-01	9.9431312E-01		
5.666711E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9427140E-01	9.9408114E-01		
5.717148E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9459898E-01	9.9438691E-01		
5.767209E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9459469E-01	9.9436748E-01		
5.817575E+02	9.9999982E-01	9.9999988E-01	9.9999994E-01	9.9999982E-01
9.9999994E-01	9.9429667E-01	9.9412882E-01		
5.867994E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9484563E-01	9.9451417E-01		
5.918351E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9499333E-01	9.9459422E-01		
5.968547E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9418855E-01	9.9435550E-01		
6.018547E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9526346E-01	9.9492961E-01		
6.068926E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9455458E-01	9.9463576E-01		
6.119015E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9489820E-01	9.9468952E-01		

6.169453E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9519098E-01	9.9482214E-01		
6.219643E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9529457E-01	9.9500722E-01		
6.269753E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9472684E-01	9.9440157E-01		
6.319825E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9536961E-01	9.9502450E-01		
6.369911E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9496317E-01	9.9471724E-01		
6.420153E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9481833E-01	9.9471229E-01		
6.470455E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9513686E-01	9.9483705E-01		
6.520916E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9476349E-01	9.9443340E-01		
6.571367E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9501115E-01	9.9470347E-01		
6.621520E+02	9.9999982E-01	9.9999988E-01	9.9999988E-01	9.9999982E-01
9.9999994E-01	9.9473804E-01	9.9444133E-01		
6.671806E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9514502E-01	9.9473846E-01		
6.722262E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9520290E-01	9.9484748E-01		
6.772686E+02	9.9999982E-01	9.9999988E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9483913E-01	9.9452376E-01		
6.822707E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999976E-01
9.9999994E-01	9.9452561E-01	9.9437433E-01		
6.872923E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999976E-01
9.9999988E-01	9.9402320E-01	9.9364883E-01		
6.922954E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999976E-01
9.9999988E-01	9.9473608E-01	9.9448740E-01		
6.973051E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999976E-01
9.9999988E-01	9.9419630E-01	9.9407440E-01		
7.023073E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999976E-01
9.9999994E-01	9.9560076E-01	9.9527544E-01		
7.073430E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999976E-01
9.9999994E-01	9.9489540E-01	9.9473280E-01		
7.123453E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9538583E-01	9.9505353E-01		
7.173482E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9460387E-01	9.9460399E-01		
7.223600E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9468797E-01	7.7654129E-01		
7.273726E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9499345E-01	9.1302669E-01		
7.324192E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999982E-01
9.9999994E-01	9.9476010E-01	7.6334590E-01		
7.374575E+02	9.9999982E-01	9.9999982E-01	9.9999982E-01	9.9999982E-01
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3.2038867E-01	6.5901359E-03	5.2721618E-04		
1.324280E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.3051974E-01
3.4090629E-01	9.7852880E-03	2.8001351E-04		
1.329280E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.7136966E-01
3.2575786E-01	8.7555172E-03	4.5072669E-04		
1.334329E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.6593986E-01
3.0196750E-01	6.8710316E-03	5.8448501E-04		
1.339329E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.3750844E-01
3.5164168E-01	1.1801166E-02	9.3147811E-04		
1.344329E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.4923792E-01
3.5177889E-01	8.6815916E-03	5.7597493E-04		
1.349329E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.2780218E-01
3.6104318E-01	9.9050375E-03	6.8286614E-04		
1.354329E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.4464228E-01
3.2949877E-01	5.2438043E-03	5.7818409E-04		
1.359336E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.5002631E-01
3.4037152E-01	7.6551270E-03	4.5468708E-04		
1.364336E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.6346757E-01
3.3917752E-01	6.6174315E-03	1.3429276E-03		
1.369336E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.0114933E-01
3.4983474E-01	9.5377713E-03	1.7543492E-03		
1.374336E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	7.9313087E-01
4.1450575E-01	3.4704592E-02	1.4584101E-04		
1.379370E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.2403666E-01
3.4350798E-01	4.5472430E-03	1.3301866E-04		
1.384372E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	7.8835869E-01
2.0945203E-01	6.9814548E-04	5.0253799E-05		
1.389418E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.3423018E-01
1.3162269E-03	1.0044956E-04	3.4047400E-05		
1.394459E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	5.8290875E-01
6.8494643E-05	4.8031936E-05	2.7410513E-05		
1.399505E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.6702558E-01
1.7072378E-04	8.6565284E-05	3.3692831E-05		
1.404505E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.6149492E-01
6.8958169E-03	3.9806688E-05	2.8771759E-05		
1.409509E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	7.2930801E-01
0.0000000E+00	0.0000000E+00	0.0000000E+00		
1.414548E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9940360E-01
2.2466347E-02	1.1260148E-04	1.1483470E-05		
1.419548E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999970E-01
2.2233489E-01	1.9967987E-03	3.2807653E-05		
1.424548E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999970E-01
2.5665528E-01	1.2999480E-03	2.8608110E-05		
1.429548E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999970E-01
2.6675785E-01	8.1720436E-03	8.8033812E-05		
1.434548E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999976E-01
3.5611397E-01	2.8095640E-02	9.2004870E-05		
1.439548E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999976E-01
2.9609621E-01	3.8046148E-02	3.9717248E-05		
1.444548E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999976E-01
3.4031036E-01	4.2792838E-02	3.7859339E-04		
1.449548E+03	9.9999982E-01	9.9999994E-01	1.0000000E+00	8.5895962E-01
4.8420492E-01	1.8485752E-01	1.3441041E-04		
1.454592E+03	9.9999982E-01	9.9999994E-01	1.0000000E+00	8.5527670E-01
4.9206096E-01	1.7576824E-01	2.5811582E-04		

1.459592E+03	9.9999982E-01	9.9999994E-01	1.0000000E+00	8.5646427E-01
4.8066401E-01	1.2315416E-01	3.4062372E-04		
1.464592E+03	9.9999982E-01	9.9999994E-01	1.0000000E+00	9.7994703E-01
4.7109944E-01	7.2250053E-02	2.6741848E-04		
1.469638E+03	9.9999982E-01	9.9999994E-01	1.0000000E+00	9.9999982E-01
5.3484595E-01	2.0512925E-02	1.1549705E-04		
1.474638E+03	9.9999982E-01	9.9999994E-01	1.0000000E+00	9.9999982E-01
6.1560243E-01	3.0420117E-02	7.5900905E-05		
1.479638E+03	9.9999982E-01	9.9999994E-01	1.0000000E+00	9.9999982E-01
2.5852048E-01	1.3676560E-01	1.0790423E-04		
1.484681E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	8.9131194E-01
4.8900911E-01	7.1726412E-02	6.7576126E-04		
1.489718E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9998993E-01
2.9688311E-01	2.1133557E-02	1.5559888E-03		
1.494719E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.4960874E-01	7.0450385E-03	5.4127316E-04		
1.499726E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
5.3272575E-01	7.0719890E-02	1.4060202E-04		
1.504759E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
3.9018357E-01	8.0188684E-02	5.9418991E-04		
1.509762E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
2.2651485E-01	1.0059939E-01	7.6969364E-04		
1.514772E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
2.0839897E-01	6.6464879E-02	6.2296134E-03		
1.519808E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
2.0133352E-01	4.8139472E-02	3.2923096E-03		
1.524844E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9921846E-01
4.7604221E-01	3.2525137E-02	9.0003479E-04		
1.529844E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.2269024E-01	7.0510551E-02	2.8902586E-04		
1.534859E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
1.9216359E-01	7.8441858E-02	1.3969867E-03		
1.539868E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
3.5547161E-01	1.1238719E-02	9.7289722E-04		
1.544881E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9659997E-01
4.6720195E-01	7.9203667E-03	2.9709606E-04		
1.549901E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
3.3205387E-01	9.0676114E-02	8.0745068E-04		
1.554901E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
2.7995193E-01	3.5851721E-02	1.8122957E-04		
1.559921E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
3.8323572E-01	1.2263674E-03	2.6769942E-04		
1.564944E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.8139626E-01
7.9442307E-02	7.9286378E-04	1.7921941E-04		
1.569956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.0328842E-01
3.6879499E-02	1.3212171E-04	2.7508278E-05		
1.574956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999851E-01
3.2741162E-01	2.0553043E-05	1.1423156E-05		
1.579956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
3.6726284E-01	1.7241717E-05	6.2364129E-06		
1.584956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.9522799E-01	8.3711302E-06	6.9908333E-07		
1.589956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
6.9508421E-01	1.1324332E-05	3.3907202E-07		
1.594956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
6.9441694E-01	1.1984043E-05	3.1795074E-07		

1.599956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
7.8314722E-01	1.2891735E-05	1.9803288E-07		
1.604956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
5.8238488E-01	4.9734379E-05	1.3382143E-07		
1.609956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
5.2763826E-01	1.8312336E-05	3.2399910E-07		
1.614956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
5.1493251E-01	1.6327560E-04	2.2709730E-05		
1.619956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
5.0250578E-01	2.9942634E-05	1.6249858E-05		
1.624956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
5.0091428E-01	9.1083959E-05	3.7019541E-05		
1.629956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.7081503E-01	5.0085149E-05	3.1878848E-05		
1.634956E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.6408460E-01	5.4726795E-05	4.1701704E-05		
1.639972E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.5189190E-01	7.2901377E-05	5.0610339E-05		
1.644972E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.5891380E-01	9.0711277E-05	5.9797887E-05		
1.649982E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.5615456E-01	1.1396218E-04	7.7605146E-05		
1.654998E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.9959981E-01	1.2318759E-04	8.2853017E-05		
1.660028E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.5567393E-01	1.4162326E-04	8.7621309E-05		
1.665028E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.4344437E-01	1.5411814E-04	8.6255568E-05		
1.670048E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.2675585E-01	1.8045453E-04	9.2544724E-05		
1.675065E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.9084812E-01	1.7156645E-04	8.7010078E-05		
1.680108E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
6.4082384E-01	1.7561614E-04	9.1651651E-05		
1.685146E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
6.3689107E-01	1.8063605E-04	8.9337023E-05		
1.690150E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.1973835E-01	2.0423043E-04	8.5152977E-05		
1.695192E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
1.7832530E-01	2.1198159E-04	7.6165816E-05		
1.700202E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999785E-01
2.7186337E-01	2.3379376E-04	9.4961106E-05		
1.705202E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
7.0609689E-01	3.7300950E-04	1.3064165E-04		
1.710202E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.6948245E-01	3.9703641E-04	1.0767304E-04		
1.715202E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
5.5622679E-01	3.7465090E-04	1.0930727E-04		
1.720212E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.5169941E-01	3.5531487E-04	9.0957648E-05		
1.725225E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
4.0350106E-01	3.6246583E-04	8.3802806E-05		
1.730267E+03	9.9999982E-01	9.9999994E-01	9.9999994E-01	9.9999976E-01
3.2338375E-01	2.6277901E-04	7.2811163E-05		
1.735300E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	8.2982099E-01
1.6816007E-03	6.3312810E-04	2.4442165E-04		

1.740300E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999869E-01
1.8792073E-01	1.0712513E-03	5.6354917E-04		
1.745300E+03	9.9999982E-01	9.9999994E-01	9.9999982E-01	9.9999946E-01
1.2123774E-01	9.7329565E-04	5.7041715E-04		
1.750300E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999976E-01
2.4977085E-01	8.4260543E-04	5.1700650E-04		
1.755300E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999976E-01
5.1558888E-01	8.3554187E-04	4.5351690E-04		
1.760300E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999976E-01
3.5118136E-01	6.6335907E-04	3.7915504E-04		
1.765300E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999976E-01
6.4343828E-01	1.1230264E-03	3.9408338E-04		
1.770300E+03	9.9999982E-01	9.9999994E-01	9.9999988E-01	9.9999976E-01
1.6475554E-01	4.9155828E-04	3.2013695E-04		
1.775300E+03	9.9999982E-01	9.9999952E-01	9.9999911E-01	9.9999857E-01
1.7860979E-01	4.3959674E-04	2.2203375E-04		
1.780300E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999952E-01
9.9913526E-01	8.6743636E-03	2.7167459E-04		
1.785300E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999952E-01
8.6106777E-01	4.8487520E-04	2.7679032E-04		
1.790312E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999952E-01
6.1061054E-01	1.5581205E-03	3.3921693E-04		
1.795348E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999952E-01
5.9691370E-01	1.1167574E-03	3.0609281E-04		
1.800348E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999952E-01
8.0742049E-01	1.0798045E-03	2.8799433E-04		
1.805392E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
6.8379128E-01	1.2419119E-03	2.8133267E-04		
1.810392E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
6.4859700E-01	1.1643994E-03	2.9546622E-04		
1.815392E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
6.9828242E-01	9.4112236E-04	2.7597506E-04		
1.820392E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
6.3877988E-01	9.8426605E-04	2.6176227E-04		
1.825392E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
5.6076133E-01	1.2098433E-03	2.9349787E-04		
1.830440E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
6.1100543E-01	1.3182670E-03	2.6883167E-04		
1.835440E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.9592552E-01	1.6303738E-03	2.6539984E-04		
1.840440E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.8334163E-01	1.7465177E-03	1.9703699E-04		
1.845440E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.2409489E-01	1.7880657E-03	1.9712943E-04		
1.850440E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.1737369E-01	1.4896846E-03	1.4062312E-04		
1.855440E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.1454205E-01	1.0942243E-03	1.5270777E-04		
1.860440E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
5.0915015E-01	9.5283869E-04	1.4353901E-04		
1.865440E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.7619438E-01	7.6540263E-04	1.2520122E-04		
1.870459E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
3.8608429E-01	6.3241180E-04	1.5564384E-04		
1.875459E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.3960413E-01	5.6597259E-04	1.2452743E-04		

1.880459E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
3.9202297E-01	5.6076748E-04	1.2000034E-04		
1.885502E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.2977932E-01	5.8081449E-04	9.8176708E-05		
1.890502E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.5577368E-01	6.0001860E-04	7.6309538E-05		
1.895548E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.0819678E-01	5.8098690E-04	7.7011697E-05		
1.900587E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
5.2995360E-01	5.8866164E-04	7.9046978E-05		
1.905594E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
5.5050611E-01	5.3658913E-04	8.2936815E-05		
1.910599E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.4926968E-01	4.7870827E-04	9.5540381E-05		
1.915604E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.9944356E-01	4.9376709E-04	7.8987323E-05		
1.920619E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.4758785E-01	4.4748679E-04	7.4510041E-05		
1.925623E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.4882014E-01	4.0425442E-04	6.5025073E-05		
1.930635E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
3.5654563E-01	3.3929033E-04	5.7930181E-05		
1.935664E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.2787316E-01	2.9789488E-04	6.1823550E-05		
1.940709E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.3997383E-01	2.5584438E-04	5.6782141E-05		
1.945709E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.1123345E-01	2.4055981E-04	4.6827830E-05		
1.950755E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
3.6101446E-01	1.7353312E-04	4.7833939E-05		
1.955762E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
3.3374104E-01	1.4012735E-04	4.8792765E-05		
1.960784E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
3.7438291E-01	1.4329120E-04	4.8201666E-05		
1.965832E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
4.2262262E-01	1.4437902E-04	4.9854756E-05		
1.970878E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
3.5628909E-01	1.0859349E-04	4.4400451E-05		
1.975889E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
3.1443840E-01	1.5278242E-04	4.3062351E-05		
1.980934E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.9999958E-01
2.0281327E-01	1.1334165E-04	4.1690641E-05		
1.985934E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	2.3678762E-01
3.7521721E-04	1.3072517E-04	4.4317600E-05		
1.990934E+03	9.9999982E-01	9.9999964E-01	9.9999964E-01	9.6178275E-01
2.8962278E-04	8.4502780E-04	4.1270448E-04		
1.995934E+03	9.9999982E-01	9.9999964E-01	9.9999970E-01	9.9999940E-01
5.5783963E-01	1.9246945E-03	8.1424520E-04		
2.000034E+03	9.9999982E-01	9.9999964E-01	9.9999970E-01	9.9999952E-01
3.2722253E-01	1.8944945E-03	8.4459834E-04		

TIME (sec)	ALP991404	ALP991304	ALP991204	ALP991104
ALP991004	ALP990904	ALP990804		
1.000000E-10	2.4999082E-07	0.0000000E+00	0.0000000E+00	2.9130654E-16
2.8743949E-16	0.0000000E+00	5.6679231E-16		
1.003469E-01	5.9075501E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	0.0000000E+00	4.4944578E-08		

2.016405E-01	8.7918767E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	0.0000000E+00	0.0000000E+00		
3.143499E-01	8.5430673E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	0.0000000E+00	0.0000000E+00		
4.176774E-01	8.7412366E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	0.0000000E+00	0.0000000E+00		
5.179474E-01	1.0148913E-06	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	0.0000000E+00	0.0000000E+00		
6.236274E-01	1.4396605E-06	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	0.0000000E+00	0.0000000E+00		
7.657229E-01	2.5141749E-06	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	0.0000000E+00	0.0000000E+00		
8.878756E-01	3.0863966E-06	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	0.0000000E+00	0.0000000E+00		
9.933645E-01	4.3585524E-06	3.9812374E-08	0.0000000E+00	0.0000000E+00
0.0000000E+00	0.0000000E+00	0.0000000E+00		
1.524044E+00	2.5535990E-05	5.7688766E-07	0.0000000E+00	0.0000000E+00
0.0000000E+00	0.0000000E+00	0.0000000E+00		
2.030162E+00	2.3531991E-05	4.3984926E-07	1.3915137E-07	0.0000000E+00
0.0000000E+00	0.0000000E+00	0.0000000E+00		
2.550346E+00	1.9880021E-05	2.8366904E-07	0.0000000E+00	3.8666865E-09
0.0000000E+00	9.4855380E-08	0.0000000E+00		
3.062366E+00	6.9254129E-06	3.4876882E-07	0.0000000E+00	0.0000000E+00
0.0000000E+00	8.0409302E-07	0.0000000E+00		
3.562366E+00	3.4040702E-05	1.3208014E-06	0.0000000E+00	0.0000000E+00
0.0000000E+00	3.2222467E-06	2.9319079E-08		
4.082775E+00	5.4792119E-05	3.4019172E-06	1.1414448E-07	0.0000000E+00
0.0000000E+00	1.0238336E-05	1.5524603E-07		
4.604100E+00	1.2289712E-04	1.0673008E-05	3.2550051E-07	0.0000000E+00
0.0000000E+00	1.5721421E-04	6.9292928E-06		
5.125216E+00	5.7916727E-04	8.1333637E-05	2.2312161E-06	5.0268419E-08
0.0000000E+00	1.6488228E-04	7.1210088E-06		
5.625216E+00	2.7324853E-03	8.3659467E-04	2.6555996E-05	7.8881652E-07
0.0000000E+00	1.7305874E-04	7.6598226E-06		
6.125216E+00	7.9963515E-03	4.5479354E-03	1.8447470E-04	6.3388338E-06
2.2131229E-07	1.6792757E-04	7.6799315E-06		
6.625216E+00	1.6172059E-02	1.3168116E-02	9.8383508E-04	3.7535559E-05
1.5301257E-06	1.6868675E-04	7.9938936E-06		
7.125216E+00	2.5769366E-02	2.5475061E-02	1.2460834E-03	4.9304515E-05
1.9294760E-06	1.5637583E-04	7.6666747E-06		
7.625216E+00	3.4848697E-02	3.7601504E-02	2.4871456E-03	9.8364770E-05
4.0133332E-06	1.4748872E-04	7.2918342E-06		
8.125216E+00	4.2956933E-02	4.7470506E-02	3.5920863E-03	1.3634095E-04
5.5213109E-06	1.2957399E-04	6.6671505E-06		
8.625216E+00	4.9569800E-02	5.4349538E-02	4.2635920E-03	1.5177902E-04
5.9244280E-06	7.3742201E-05	3.7966472E-06		
9.146049E+00	5.4490119E-02	5.7149995E-02	4.0544183E-03	1.3035235E-04
4.5043553E-06	0.0000000E+00	0.0000000E+00		
9.646049E+00	4.0242234E-01	5.5301562E-02	3.1931582E-03	9.1975984E-05
2.8839495E-06	0.0000000E+00	0.0000000E+00		
1.014605E+01	8.6148268E-01	1.5951090E-01	2.1972440E-04	1.2910271E-05
5.3704758E-07	0.0000000E+00	0.0000000E+00		
1.064605E+01	8.8140577E-01	6.7260683E-01	2.1308191E-05	7.9811684E-07
0.0000000E+00	1.2219471E-05	0.0000000E+00		
1.114605E+01	8.9769989E-01	8.7867779E-01	2.5521520E-01	3.0655057E-05
1.0340980E-06	5.3307238E-05	0.0000000E+00		

1.164605E+01 9.1157264E-01 8.9456868E-01 6.5241516E-01 2.3096629E-05
8.3714548E-07 5.1548326E-05 0.0000000E+00
1.214605E+01 9.2330199E-01 9.1141897E-01 8.7886488E-01 7.8868054E-02
6.2602311E-08 1.0654519E-04 0.0000000E+00
1.264605E+01 9.3254155E-01 9.2608988E-01 8.1532001E-01 3.8182700E-01
5.0403920E-05 9.5038806E-05 2.1310939E-06
1.314605E+01 9.3939990E-01 9.3395072E-01 8.3711553E-01 4.9536297E-01
9.7885370E-02 1.0034615E-02 1.1986326E-04
1.364605E+01 9.4756389E-01 9.4136816E-01 9.3593192E-01 4.7642761E-01
1.8854545E-01 3.8422659E-02 1.2687563E-03
1.414605E+01 9.5186794E-01 9.4811505E-01 9.0468562E-01 7.0587957E-01
1.4835544E-01 3.7918527E-02 2.9817608E-04
1.464605E+01 9.5358491E-01 9.5327926E-01 8.8004279E-01 8.8699561E-01
1.1351175E-01 3.6895525E-04 5.8667724E-06
1.514605E+01 9.5539671E-01 9.5670033E-01 8.3347130E-01 8.7467557E-01
2.0503569E-01 2.0962468E-04 1.9473978E-06
1.564605E+01 9.5914519E-01 9.6034491E-01 7.9366100E-01 8.4801602E-01
2.6560983E-01 2.1885397E-04 1.8308442E-06
1.614605E+01 9.6435004E-01 9.6513331E-01 7.6262778E-01 8.2775187E-01
3.0039731E-01 2.0123800E-04 1.4776758E-06
1.664605E+01 9.6963173E-01 9.7051537E-01 7.3542732E-01 8.1768560E-01
3.0300346E-01 2.0905126E-04 1.0409077E-06
1.714605E+01 9.7428775E-01 9.7570813E-01 7.1583855E-01 8.0797946E-01
2.6581210E-01 2.2160902E-04 5.3759145E-06
1.764605E+01 9.7801101E-01 9.8012882E-01 7.2631288E-01 7.5396687E-01
2.1632582E-01 4.7102480E-04 1.3278268E-04
1.814605E+01 9.8078686E-01 9.8057103E-01 7.6257658E-01 6.7263961E-01
1.9224937E-01 2.5258900E-04 4.3119006E-05
1.864605E+01 9.8302180E-01 9.8167861E-01 8.5584188E-01 5.3573215E-01
1.5792029E-01 3.9771269E-04 1.6943383E-04
1.914605E+01 9.8327386E-01 9.8378325E-01 9.5204049E-01 3.8886651E-01
9.2605524E-02 1.1073697E-03 6.6855275E-05
1.964605E+01 9.8278886E-01 9.8473978E-01 9.6199989E-01 3.9658710E-01
5.3479668E-02 4.0411888E-04 7.0055830E-05
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2.064605E+01 9.7792286E-01 9.8228073E-01 9.6615803E-01 4.9635148E-01
2.3530615E-03 4.3197355E-04 1.2758018E-04
2.114605E+01 9.7436863E-01 9.7940534E-01 9.6505380E-01 5.2355736E-01
1.3171969E-04 4.2297732E-04 1.6522619E-04
2.164605E+01 9.7076488E-01 9.7572708E-01 9.6305907E-01 5.1299524E-01
9.4335541E-05 4.3568038E-04 2.1370083E-04
2.214605E+01 9.6828783E-01 9.7084737E-01 9.5874560E-01 4.5491394E-01
4.3920445E-04 1.4373519E-03 1.4304654E-03
2.266648E+01 9.6681583E-01 9.7078961E-01 9.5458275E-01 3.3430278E-01
1.3496302E-04 1.0599300E-03 1.2751700E-03
2.318409E+01 9.6680963E-01 9.7094291E-01 9.5565408E-01 1.9600749E-01
1.7431307E-04 1.2820247E-03 1.1472752E-03
2.368409E+01 9.6729702E-01 9.7152930E-01 9.5711362E-01 7.1840517E-02
2.7120925E-04 3.4052001E-03 5.9650205E-03
2.418409E+01 9.6589810E-01 9.7047675E-01 9.3602270E-01 4.7492199E-03
8.5523003E-05 4.0226867E-03 5.6349942E-03
2.468420E+01 9.6297944E-01 9.6670723E-01 8.8238198E-01 4.7417427E-03
7.8414450E-05 4.5032781E-03 6.6773859E-03
2.518866E+01 9.5963615E-01 9.6270156E-01 8.2279098E-01 3.7197038E-03
1.0828301E-04 6.3501173E-03 1.0298740E-02

2.570592E+01 9.6034473E-01 9.5942658E-01 7.2206193E-01 6.0989871E-04
4.8295627E-04 1.5312375E-02 1.8802164E-02
2.622136E+01 9.6226013E-01 9.6375471E-01 5.7292980E-01 1.1752381E-05
2.8774142E-04 2.3302060E-02 4.0608663E-02
2.673972E+01 9.6778524E-01 9.6761274E-01 4.2249751E-01 1.8471810E-05
4.5148100E-04 3.5002179E-02 6.8765573E-02
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7.3861924E-04 5.4216057E-02 9.6370324E-02
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1.9972506E-03 8.5460216E-02 1.2193671E-01
2.828743E+01 9.7175235E-01 9.7529167E-01 7.9928651E-02 1.4653046E-05
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9.7989375E-03 1.4385971E-01 1.7281835E-01
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2.2811301E-01 3.3473796E-01 3.3315521E-01
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2.4667411E-01 3.4860376E-01 3.4682131E-01
3.428743E+01 6.7748201E-01 6.0449839E-03 6.9983287E-07 1.0171977E-04
2.2408250E-01 3.6505666E-01 3.6126512E-01
3.478743E+01 6.0415179E-01 2.7308194E-03 5.0235633E-07 8.1206686E-05
1.7693058E-01 3.7029260E-01 3.7525046E-01
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1.3499840E-01 3.6510259E-01 3.8141727E-01
3.578743E+01 4.5827243E-01 4.6020512E-05 2.4053514E-07 1.5297861E-05
8.1502818E-02 3.6307988E-01 3.8301587E-01
3.628743E+01 3.8659352E-01 4.9922128E-05 1.7628722E-07 6.3436669E-06
2.9127652E-02 3.6236089E-01 3.8927808E-01
3.678743E+01 3.0759859E-01 4.8867030E-05 1.9623405E-07 4.8175061E-06
1.2124111E-03 3.6683667E-01 4.0562797E-01
3.728743E+01 2.8811935E-01 5.8568956E-05 2.8252646E-07 5.6055555E-06
2.7400622E-04 3.4239799E-01 4.2137161E-01
3.778743E+01 3.3847955E-01 6.9046444E-05 3.6664036E-07 7.3124852E-06
1.4151458E-04 2.8018564E-01 4.3466240E-01
3.830806E+01 4.2520028E-01 8.5511580E-05 5.0874644E-07 1.4947390E-06
4.1522853E-05 1.8899964E-01 4.4349608E-01
3.880806E+01 5.4046869E-01 1.1074945E-04 8.6277532E-07 2.3004698E-07
7.0663536E-06 8.1503101E-02 4.3976173E-01
3.930806E+01 6.8048203E-01 1.7583316E-04 6.6310605E-07 5.4153240E-08
4.0335153E-06 2.1060077E-03 3.8771904E-01

3.983299E+01 8.4049928E-01 3.0950844E-04 1.7714752E-06 1.1085021E-07
4.1722569E-06 1.1248171E-04 2.5390971E-01
4.034888E+01 9.3310595E-01 1.2512887E-01 2.3519868E-05 3.8329063E-07
1.5620446E-07 7.8176919E-05 1.0928443E-01
4.086869E+01 9.3360001E-01 3.7109059E-01 3.8814364E-05 1.0867793E-06
1.2395915E-07 5.4522039E-05 2.9215172E-03
4.137451E+01 9.3959796E-01 5.7135421E-01 4.8804926E-05 2.0015477E-06
1.7465459E-07 5.1663010E-05 5.2135609E-05
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4.239460E+01 9.3382829E-01 9.3202806E-01 1.6554405E-01 3.8272199E-05
2.9379482E-06 4.9929764E-05 1.5703265E-05
4.290141E+01 9.2714792E-01 9.3074822E-01 5.0252277E-01 3.7690785E-05
2.0815748E-06 5.3954573E-05 1.0146162E-05
4.340367E+01 9.1489089E-01 9.2455274E-01 8.8891113E-01 3.5335659E-05
1.9976280E-06 5.5651966E-05 1.2416114E-05
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4.442013E+01 9.0478170E-01 9.1413289E-01 9.0138233E-01 7.3025113E-01
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4.593893E+01 8.5794425E-01 8.9321703E-01 8.6643666E-01 8.8988841E-01
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4.745940E+01 8.4724504E-01 8.7658650E-01 8.4744173E-01 8.7027317E-01
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6.668818E+01 6.5630972E-01 5.4077166E-01 5.2459568E-01 5.0517333E-01
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6.719306E+01 5.6431168E-01 5.4946989E-01 5.3336126E-01 5.1324183E-01
4.9977860E-01 4.8578885E-01 4.6876520E-01
6.770707E+01 5.7043350E-01 5.5790442E-01 5.4148883E-01 5.2063006E-01
5.0655246E-01 4.9204218E-01 4.7451997E-01

6.821601E+01	5.8270139E-01	5.6628770E-01	5.4923260E-01	5.2751976E-01
5.1272315E-01	4.9768031E-01	4.8011395E-01		
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5.1866931E-01	5.0380629E-01	4.8809668E-01		
6.922510E+01	6.0217035E-01	5.8283025E-01	5.6409132E-01	5.4073912E-01
5.2572274E-01	5.1260698E-01	5.0036407E-01		
6.973701E+01	6.1145395E-01	5.9114248E-01	5.7169074E-01	5.4843688E-01
5.3490514E-01	5.2530962E-01	5.2352709E-01		
7.023885E+01	6.2149084E-01	6.0035813E-01	5.8109444E-01	5.6011665E-01
5.5913365E-01	5.5782145E-01	5.3360265E-01		
7.074079E+01	6.3223541E-01	6.1092043E-01	5.9704340E-01	6.0093093E-01
5.7923347E-01	5.5975533E-01	5.3654045E-01		
7.124079E+01	6.4563620E-01	6.2919730E-01	6.2737817E-01	6.1964071E-01
5.8899844E-01	5.6607443E-01	5.4020190E-01		
7.175066E+01	6.6298479E-01	6.5163624E-01	6.4721704E-01	6.2130886E-01
5.9465498E-01	5.7261223E-01	5.4654908E-01		
7.227091E+01	6.8240398E-01	6.7083091E-01	6.5914130E-01	6.2547177E-01
6.0028875E-01	5.7538033E-01	5.4537874E-01		
7.277091E+01	6.9973922E-01	6.8478394E-01	6.6718394E-01	6.3078880E-01
6.0474271E-01	5.7714355E-01	5.4488188E-01		
7.327091E+01	7.1570241E-01	6.9632542E-01	6.7471421E-01	6.3680154E-01
6.0930675E-01	5.7968199E-01	5.4588240E-01		
7.377091E+01	7.3011351E-01	7.0617324E-01	6.8185109E-01	6.4286476E-01
6.1400819E-01	5.8304822E-01	5.4800206E-01		
7.427091E+01	7.4182510E-01	7.1372944E-01	6.8769348E-01	6.4826244E-01
6.1844379E-01	5.8672392E-01	5.5343401E-01		
7.478299E+01	7.5585330E-01	7.2470069E-01	7.0020205E-01	6.6172153E-01
6.2366658E-01	5.8929092E-01	5.4891551E-01		
7.528299E+01	7.6633406E-01	7.3599952E-01	7.0920509E-01	6.6299993E-01
6.2018180E-01	5.7746810E-01	5.3521633E-01		
7.578299E+01	7.7557552E-01	7.4458694E-01	7.1303308E-01	6.5801764E-01
6.0962367E-01	5.6579047E-01	5.2943110E-01		
7.628299E+01	7.8392929E-01	7.4975353E-01	7.1218932E-01	6.5018135E-01
6.0003030E-01	5.5947691E-01	5.2643424E-01		
7.678299E+01	7.9163516E-01	7.5147355E-01	7.0787072E-01	6.4175040E-01
5.9255135E-01	5.5522537E-01	5.2368587E-01		
7.728299E+01	7.9898572E-01	7.5077003E-01	7.0216632E-01	6.3401878E-01
5.8669627E-01	5.5181926E-01	5.2160931E-01		
7.778299E+01	8.0541331E-01	7.4959481E-01	6.9695967E-01	6.2770611E-01
5.8204043E-01	5.4907519E-01	5.2028507E-01		
7.830791E+01	8.1054997E-01	7.4922323E-01	6.9230455E-01	6.2253839E-01
5.7903093E-01	5.4797298E-01	5.2052701E-01		
7.880791E+01	8.1401056E-01	7.4849361E-01	6.8723840E-01	6.1763299E-01
5.7700098E-01	5.4779410E-01	5.2130961E-01		
7.930791E+01	8.1624395E-01	7.4578553E-01	6.8094361E-01	6.1303550E-01
5.7564020E-01	5.4796839E-01	5.2236980E-01		
7.980791E+01	8.1644583E-01	7.4042380E-01	6.7402828E-01	6.0941052E-01
5.7495916E-01	5.4868358E-01	5.2427495E-01		
8.030791E+01	8.1259173E-01	7.3305482E-01	6.6729426E-01	6.0723013E-01
5.7564205E-01	5.5078995E-01	5.2766699E-01		
8.080791E+01	8.0612785E-01	7.2519255E-01	6.6290361E-01	6.0746026E-01
5.7811552E-01	5.5458969E-01	5.3243667E-01		
8.130791E+01	7.9824024E-01	7.1873122E-01	6.6127849E-01	6.0986745E-01
5.8220625E-01	5.5954480E-01	5.3777814E-01		
8.180791E+01	7.8988224E-01	7.1413261E-01	6.6208339E-01	6.1416143E-01
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8.230791E+01 7.8196722E-01 7.1186656E-01 6.6506004E-01 6.1993563E-01
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9.401919E+01 9.3092430E-01 8.9118481E-01 8.4375113E-01 7.7722764E-01
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9.453943E+01 9.3366438E-01 8.9475763E-01 8.4563482E-01 7.6802981E-01
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5.9203649E-01 5.6588805E-01 5.4735988E-01

9.654896E+01	9.4127160E-01	9.0216368E-01	8.1010872E-01	6.4601099E-01
5.9426820E-01	5.7418674E-01	5.5677199E-01		
9.706335E+01	9.4259119E-01	9.0035653E-01	7.6853865E-01	6.3650244E-01
6.0129499E-01	5.8340836E-01	5.6562477E-01		
9.758144E+01	9.4314176E-01	8.9647251E-01	7.2138220E-01	6.3970137E-01
6.1103839E-01	5.9351164E-01	5.7382536E-01		
9.808710E+01	9.4258505E-01	8.6691010E-01	7.0273858E-01	6.4752406E-01
6.2206948E-01	6.0374743E-01	5.8140588E-01		
9.859486E+01	9.4050455E-01	8.1984240E-01	7.0548636E-01	6.5708202E-01
6.3313407E-01	6.1343515E-01	5.8736783E-01		
9.910259E+01	9.3803209E-01	7.7269626E-01	7.1307003E-01	6.6773725E-01
6.4424527E-01	6.2214190E-01	5.8967710E-01		
9.960883E+01	9.0889943E-01	7.5640363E-01	7.2097999E-01	6.7902017E-01
6.5475577E-01	6.2769473E-01	5.8500242E-01		
1.050470E+02	8.3619362E-01	7.8713655E-01	7.4841499E-01	7.0650536E-01
6.8543345E-01	6.6888356E-01	6.4470226E-01		
1.100490E+02	9.4528210E-01	9.2067349E-01	8.9706641E-01	8.6640775E-01
7.7664989E-01	6.1472201E-01	5.3430676E-01		
1.150536E+02	9.6646774E-01	9.6703273E-01	9.6607292E-01	9.6606362E-01
6.6791183E-01	5.4349506E-01	5.2712446E-01		
1.200844E+02	9.7296518E-01	9.7339863E-01	9.7264713E-01	9.7342068E-01
6.1883944E-01	5.5134451E-01	5.3159279E-01		
1.251066E+02	9.7483045E-01	9.7517091E-01	9.7394812E-01	8.7376374E-01
5.9184325E-01	5.6835228E-01	5.4849637E-01		
1.301141E+02	9.7731906E-01	9.7727716E-01	9.7384977E-01	6.6461205E-01
6.0775578E-01	5.7956761E-01	5.5372292E-01		
1.351283E+02	9.7994417E-01	9.8036182E-01	8.7185639E-01	6.9230860E-01
6.4070380E-01	6.1771697E-01	5.6826985E-01		
1.401329E+02	9.7977239E-01	9.8021567E-01	7.2900641E-01	7.1699733E-01
6.7728448E-01	6.4014757E-01	6.0103357E-01		
1.451352E+02	9.7873616E-01	9.1592962E-01	7.8652102E-01	7.1700567E-01
6.6238964E-01	6.2143201E-01	5.8493155E-01		
1.501399E+02	9.7944200E-01	9.7984898E-01	9.7552770E-01	6.6932958E-01
6.1069179E-01	5.8387154E-01	5.5906552E-01		
1.551709E+02	9.8380381E-01	9.8419404E-01	9.8353952E-01	9.4052064E-01
5.6722260E-01	5.4834139E-01	5.2771801E-01		
1.602165E+02	9.8646885E-01	9.8676634E-01	9.8606151E-01	9.7929263E-01
5.7359213E-01	5.5424017E-01	5.3023297E-01		
1.652350E+02	9.8791879E-01	9.8816061E-01	9.8736745E-01	9.3706679E-01
5.9303737E-01	5.6998235E-01	5.4097390E-01		
1.702598E+02	9.8756731E-01	9.8794979E-01	9.8746234E-01	7.6843160E-01
5.9417611E-01	5.7135814E-01	5.4421008E-01		
1.752735E+02	9.8868847E-01	9.8910892E-01	9.8880345E-01	9.6314013E-01
5.6413686E-01	5.5267549E-01	5.3019518E-01		
1.802951E+02	9.8966354E-01	9.9003565E-01	9.8973751E-01	9.1609132E-01
5.7264072E-01	5.5770361E-01	5.3607410E-01		
1.853119E+02	9.9044764E-01	9.9084532E-01	9.7216004E-01	6.4393491E-01
6.1280757E-01	5.8137327E-01	5.5265224E-01		
1.903279E+02	9.9066263E-01	9.9101967E-01	9.9071532E-01	7.4811941E-01
5.7680154E-01	5.5957007E-01	5.4243612E-01		
1.953564E+02	9.9114472E-01	9.9149394E-01	9.9127471E-01	6.9409579E-01
6.0676426E-01	5.8441305E-01	5.5703706E-01		
2.003570E+02	9.9149746E-01	9.9178839E-01	9.9168742E-01	7.3340076E-01
5.9909910E-01	5.8018667E-01	5.5418092E-01		
2.053755E+02	9.9131960E-01	9.9148059E-01	9.8707771E-01	6.5034556E-01
6.1401904E-01	5.9689897E-01	5.7205290E-01		

2.104183E+02	9.9233013E-01	9.9278444E-01	9.9279273E-01	9.9255252E-01
6.6700876E-01	5.3818190E-01	5.1740402E-01		
2.154335E+02	9.9219918E-01	9.9260235E-01	9.9220407E-01	7.9894352E-01
5.9417558E-01	5.7446420E-01	5.4770184E-01		
2.204606E+02	9.9225932E-01	9.9275434E-01	9.9272496E-01	9.9296016E-01
6.3648540E-01	5.4085296E-01	5.1021451E-01		
2.254792E+02	9.9310941E-01	9.9350083E-01	9.9347138E-01	9.9361479E-01
6.3777411E-01	5.5096340E-01	5.2691144E-01		
2.304864E+02	9.9272215E-01	9.9312031E-01	9.9213040E-01	9.8921794E-01
6.1331809E-01	5.3857642E-01	5.1601946E-01		
2.354968E+02	9.9265516E-01	9.9300629E-01	9.9207056E-01	8.3057553E-01
5.7071495E-01	5.5671328E-01	5.2866095E-01		
2.404991E+02	9.9255502E-01	9.9295223E-01	9.9251425E-01	9.9274093E-01
5.6604832E-01	5.2472603E-01	5.0752717E-01		
2.455048E+02	9.9326575E-01	9.9372905E-01	9.9376500E-01	9.9396491E-01
8.0593884E-01	5.2794236E-01	4.9542791E-01		
2.505233E+02	9.9302882E-01	9.9345815E-01	9.9357074E-01	9.9161822E-01
6.0557258E-01	5.4646391E-01	5.2086622E-01		
2.555298E+02	9.9315542E-01	9.9358630E-01	9.9381095E-01	9.9399257E-01
7.3925078E-01	5.3769922E-01	4.9225378E-01		
2.605788E+02	9.9335092E-01	9.9378020E-01	9.9397510E-01	9.9407601E-01
7.5419819E-01	4.9502861E-01	4.9555752E-01		
2.656043E+02	9.9355429E-01	9.9400800E-01	9.9426234E-01	9.9444860E-01
8.2196259E-01	5.0350744E-01	4.8237029E-01		
2.706539E+02	9.9425137E-01	9.9467546E-01	9.9490958E-01	9.9508131E-01
9.2554533E-01	5.2899009E-01	4.9026653E-01		
2.756957E+02	9.9423242E-01	9.9462169E-01	9.9482310E-01	9.9497569E-01
9.5410401E-01	5.0759292E-01	4.8044246E-01		
2.807159E+02	9.9438906E-01	9.9479735E-01	9.9492264E-01	9.9507689E-01
8.9313483E-01	4.9407884E-01	4.7606334E-01		
2.857581E+02	9.9433160E-01	9.9475592E-01	9.9482828E-01	9.9500924E-01
8.5051030E-01	4.9856201E-01	4.6910641E-01		
2.907736E+02	9.9494249E-01	9.9530834E-01	9.9534565E-01	9.9550307E-01
9.9558955E-01	5.2073300E-01	4.6561691E-01		
2.957799E+02	9.9513191E-01	9.9543405E-01	9.9547988E-01	9.9554175E-01
9.9522072E-01	6.4758062E-01	4.4506928E-01		
3.007857E+02	9.9511558E-01	9.9549061E-01	9.9560654E-01	9.9575233E-01
9.6180648E-01	4.8105788E-01	4.6477282E-01		
3.058138E+02	9.9568141E-01	9.9595338E-01	9.9600309E-01	9.9610144E-01
9.9614620E-01	8.5558158E-01	4.2424154E-01		
3.108138E+02	9.9572760E-01	9.9599349E-01	9.9601948E-01	9.9614447E-01
9.9621576E-01	4.6544358E-01	4.5888531E-01		
3.158304E+02	9.9596149E-01	9.9615455E-01	9.9596316E-01	9.9605179E-01
8.9823014E-01	2.0559086E-01	4.5815447E-01		
3.208480E+02	9.9616623E-01	9.9633521E-01	9.9602288E-01	9.9609935E-01
8.7189746E-01	9.3583904E-02	5.2713948E-01		
3.258746E+02	9.9627036E-01	9.9649137E-01	9.9639499E-01	9.9647534E-01
9.9653029E-01	3.3346310E-01	1.7045887E-01		
3.308900E+02	9.9646550E-01	9.9666268E-01	9.9662966E-01	9.9671721E-01
9.9678385E-01	5.6822073E-01	1.6245657E-01		
3.358961E+02	9.9656457E-01	9.9675566E-01	9.9661785E-01	9.9670279E-01
9.9677348E-01	6.8632585E-01	1.7930826E-04		
3.409074E+02	9.9668962E-01	9.9689978E-01	9.9661136E-01	9.9665189E-01
9.9707001E-01	9.9174839E-01	9.9168873E-01		
3.459233E+02	9.9676359E-01	9.9694681E-01	9.9690908E-01	9.9696219E-01
9.9740720E-01	9.9192345E-01	9.9185836E-01		

3.509260E+02	9.9680799E-01	9.9698335E-01	9.9702626E-01	9.9707788E-01
9.9753124E-01	9.9189889E-01	9.9181420E-01		
3.559283E+02	9.9681401E-01	9.9697828E-01	9.9702883E-01	9.9707741E-01
9.9753976E-01	9.9174637E-01	9.9165821E-01		
3.609366E+02	9.9688101E-01	9.9702114E-01	9.9705946E-01	9.9708325E-01
9.9751902E-01	9.9160850E-01	9.9144447E-01		
3.659482E+02	9.9692762E-01	9.9707091E-01	9.9710554E-01	9.9711293E-01
9.9752134E-01	9.9147111E-01	9.9124748E-01		
3.709486E+02	9.9671561E-01	9.9684089E-01	9.9690193E-01	9.9696600E-01
9.9746245E-01	9.9133998E-01	9.9101359E-01		
3.759580E+02	9.9675190E-01	9.9679875E-01	9.9677253E-01	9.9676436E-01
9.9721980E-01	9.9098456E-01	9.9071860E-01		
3.809612E+02	9.9662048E-01	9.9661988E-01	9.9659038E-01	9.9660695E-01
9.9710029E-01	9.9080658E-01	9.9053395E-01		
3.859788E+02	9.9677896E-01	9.9672765E-01	9.9665719E-01	9.9663299E-01
9.9707311E-01	9.9076366E-01	9.9041933E-01		
3.910090E+02	9.9667537E-01	9.9666178E-01	9.9663711E-01	9.9664181E-01
9.9709558E-01	9.9072367E-01	9.9038637E-01		
3.960181E+02	9.9663246E-01	9.9667519E-01	9.9668223E-01	9.9668866E-01
9.9714547E-01	9.9070913E-01	9.9040312E-01		
4.010229E+02	9.9682719E-01	9.9679923E-01	9.9672478E-01	9.9666941E-01
9.9708873E-01	9.9067587E-01	9.9038410E-01		
4.060714E+02	9.9688596E-01	9.9679083E-01	9.9668711E-01	9.9661648E-01
9.9696946E-01	9.9051452E-01	9.9009669E-01		
4.111179E+02	9.9697745E-01	9.9686456E-01	9.9672049E-01	9.9660122E-01
9.9689460E-01	9.9046230E-01	9.9000704E-01		
4.161518E+02	9.9682605E-01	9.9669790E-01	9.9653649E-01	9.9640638E-01
9.9671155E-01	9.9023098E-01	9.8980314E-01		
4.211620E+02	9.9662954E-01	9.9650395E-01	9.9637747E-01	9.9629223E-01
9.9664557E-01	9.9022722E-01	9.8985428E-01		
4.261913E+02	9.9646068E-01	9.9632269E-01	9.9618280E-01	9.9607158E-01
9.9637061E-01	9.9001902E-01	9.8959833E-01		
4.311930E+02	9.9638575E-01	9.9622434E-01	9.9606347E-01	9.9593210E-01
9.9621361E-01	9.8983312E-01	9.8938811E-01		
4.361968E+02	9.9571705E-01	9.9561310E-01	9.9551141E-01	9.9543059E-01
9.9580902E-01	9.8925734E-01	9.2556882E-01		
4.412443E+02	9.9543577E-01	9.9530464E-01	9.9517852E-01	9.9507189E-01
9.9542499E-01	9.8881644E-01	8.4803754E-01		
4.462449E+02	9.9482507E-01	9.9470013E-01	9.9458635E-01	9.9448895E-01
9.9486196E-01	9.8822504E-01	7.6067704E-01		
4.512502E+02	9.9440032E-01	9.9423105E-01	9.9407595E-01	9.9394250E-01
9.9428511E-01	9.8757821E-01	6.6496104E-01		
4.562851E+02	9.9428231E-01	9.9414235E-01	9.9400574E-01	9.9388939E-01
9.9424541E-01	9.8756337E-01	6.1841512E-01		
4.613121E+02	9.9422890E-01	9.9409562E-01	9.9395692E-01	9.9384421E-01
9.9420041E-01	9.8754221E-01	5.3491253E-01		
4.663397E+02	9.9389541E-01	9.9361789E-01	9.9338454E-01	9.9325085E-01
9.9366164E-01	9.8714811E-01	4.1556263E-01		
4.713776E+02	9.9440360E-01	9.9423420E-01	9.9406219E-01	9.9392182E-01
9.9423432E-01	9.8771155E-01	2.8968516E-01		
4.763856E+02	9.9437171E-01	9.9419916E-01	9.9401730E-01	9.9387360E-01
9.9419820E-01	9.8755050E-01	1.4741772E-01		
4.814128E+02	9.9409097E-01	9.9386483E-01	9.9371427E-01	9.9367297E-01
9.9370253E-01	9.6802986E-01	1.7265814E-04		
4.864223E+02	9.9424171E-01	9.9381441E-01	9.9351847E-01	9.9348694E-01
9.9357665E-01	8.4159172E-01	5.2007701E-05		

4.914722E+02	9.9542075E-01	9.9514991E-01	9.9476385E-01	9.9448419E-01
9.9420744E-01	8.1310993E-01	0.0000000E+00		
4.964919E+02	9.9569917E-01	9.9543232E-01	9.9493045E-01	9.9453235E-01
9.9415249E-01	6.2110519E-01	0.0000000E+00		
5.015259E+02	9.9585104E-01	9.9546367E-01	9.9493259E-01	9.9461323E-01
9.9433243E-01	3.6542323E-01	0.0000000E+00		
5.065450E+02	9.9522239E-01	9.9500090E-01	9.9458611E-01	9.9443185E-01
9.9432153E-01	1.7020346E-01	0.0000000E+00		
5.115457E+02	9.9480730E-01	9.9464566E-01	9.9435455E-01	9.9426281E-01
9.9418390E-01	8.0518693E-02	0.0000000E+00		
5.165457E+02	9.9419153E-01	9.9409324E-01	9.9389744E-01	9.9385494E-01
9.7571290E-01	3.0585949E-04	0.0000000E+00		
5.215463E+02	9.9421185E-01	9.9410027E-01	9.9389035E-01	9.9381572E-01
7.9848665E-01	6.9591835E-05	1.8769786E-07		
5.265685E+02	9.9380434E-01	9.9383569E-01	9.9375218E-01	9.9375176E-01
7.4389726E-01	1.9657131E-05	1.6104806E-05		
5.316183E+02	9.9396980E-01	9.9386126E-01	9.9368745E-01	9.9361640E-01
6.6112399E-01	1.5900438E-05	1.8343912E-05		
5.366320E+02	9.9414855E-01	9.9397463E-01	9.9375468E-01	9.9364811E-01
4.4229129E-01	2.3407212E-05	1.9364214E-05		
5.416345E+02	9.9432284E-01	9.9410439E-01	9.9384695E-01	9.9372202E-01
2.2693317E-01	6.4089210E-05	2.0754302E-05		
5.466345E+02	9.9429095E-01	9.9411517E-01	9.9387187E-01	9.9377704E-01
1.2849288E-01	6.8672147E-05	2.0967662E-05		
5.516580E+02	9.9451238E-01	9.9431944E-01	9.9400836E-01	9.8301965E-01
1.2412402E-03	2.2559709E-05	2.1013902E-05		
5.566583E+02	9.9318027E-01	9.9348330E-01	9.9350953E-01	9.1528767E-01
8.9272282E-05	1.7859107E-05	1.9787796E-05		
5.616711E+02	9.9416375E-01	9.9405295E-01	9.9379247E-01	7.4543715E-01
4.9779177E-05	1.9484614E-05	1.9456143E-05		
5.666711E+02	9.9392867E-01	9.9380994E-01	9.9351662E-01	6.7441779E-01
1.2404699E-04	2.0680989E-05	1.9389037E-05		
5.717148E+02	9.9421018E-01	9.9405545E-01	9.9371529E-01	5.5804336E-01
1.3188174E-04	2.1822691E-05	1.9760251E-05		
5.767209E+02	9.9417490E-01	9.9400336E-01	9.9363768E-01	4.6156076E-01
6.9956892E-05	2.2910666E-05	2.0571668E-05		
5.817575E+02	9.9398714E-01	9.9388117E-01	9.9358475E-01	2.6822838E-01
1.2438372E-04	2.3057573E-05	2.0903693E-05		
5.867994E+02	9.9428868E-01	9.9412584E-01	9.9382925E-01	7.1221597E-02
0.0000000E+00	2.2062466E-05	2.0524045E-05		
5.918351E+02	9.9425524E-01	9.9396175E-01	8.7403452E-01	7.7907665E-05
2.3947330E-05	1.9345262E-05	1.9072937E-05		
5.968547E+02	9.9445814E-01	9.9448913E-01	7.0849741E-01	0.0000000E+00
2.7516184E-05	1.9889834E-05	1.7557764E-05		
6.018547E+02	9.9464351E-01	9.9441260E-01	8.1139928E-01	4.3860055E-05
2.7497686E-05	2.1520482E-05	1.8731809E-05		
6.068926E+02	9.9434799E-01	9.9406594E-01	4.7194338E-01	7.6780452E-05
2.7162410E-05	1.9650530E-05	1.8449748E-05		
6.119015E+02	9.9456000E-01	9.9447435E-01	7.7489513E-01	8.4360458E-05
3.1810036E-05	2.2778502E-05	1.9611134E-05		
6.169453E+02	9.9451959E-01	9.9427658E-01	2.2071034E-01	7.3845054E-05
2.9023842E-05	2.0328282E-05	1.8080451E-05		
6.219643E+02	9.9479336E-01	9.9463254E-01	3.1849548E-01	6.3524698E-05
3.3829823E-05	2.3962928E-05	1.9933977E-05		
6.269753E+02	9.9429047E-01	9.9428713E-01	3.4452409E-01	8.1277569E-05
3.5870864E-05	2.5026051E-05	2.1345906E-05		

6.319825E+02 9.9466974E-01 9.9379194E-01 1.1126956E-01 6.7893801E-05
3.3334123E-05 2.3527438E-05 2.0750407E-05
6.369911E+02 9.9451423E-01 8.6012059E-01 4.0438790E-02 6.8309775E-05
3.2361640E-05 2.1818687E-05 2.1285307E-05
6.420153E+02 9.9462515E-01 8.3361673E-01 1.2751821E-03 2.1068836E-05
2.9665724E-05 2.3635981E-05 2.1697506E-05
6.470455E+02 9.9457729E-01 7.6700407E-01 6.4196228E-04 2.9036402E-05
2.7072971E-05 2.1671380E-05 2.0310277E-05
6.520916E+02 9.9418783E-01 4.1592672E-01 3.3906565E-04 2.7936489E-05
2.5670352E-05 1.9296162E-05 1.9632693E-05
6.571367E+02 9.9445909E-01 5.5437523E-01 3.8988583E-04 3.4048218E-05
2.5976560E-05 2.2485368E-05 2.0402707E-05
6.621520E+02 9.9421698E-01 4.4829908E-01 6.9587003E-04 2.8478609E-05
2.6940068E-05 2.2524173E-05 2.0789694E-05
6.671806E+02 9.9444479E-01 1.6212869E-01 2.1660289E-04 2.8866203E-05
2.6616974E-05 2.1262809E-05 2.0427604E-05
6.722262E+02 9.9453849E-01 1.7622925E-01 3.0463614E-04 3.2251606E-05
2.6225427E-05 2.3567552E-05 2.1087753E-05
6.772686E+02 9.9426061E-01 8.0356441E-02 4.1888643E-04 3.3292952E-05
2.8042612E-05 2.1171474E-05 2.1636803E-05
6.822707E+02 7.9042262E-01 2.6313365E-01 6.2494189E-04 3.5686313E-05
2.7689699E-05 2.1999109E-05 2.1128146E-05
6.872923E+02 8.5352117E-01 2.0294890E-01 2.4766961E-04 2.7649199E-05
2.6833915E-05 2.3489649E-05 2.1680326E-05
6.922954E+02 8.2547742E-01 1.6491670E-02 1.1346362E-04 3.2236756E-05
2.7458744E-05 2.3350121E-05 2.1050493E-05
6.973051E+02 5.8219618E-01 1.6816311E-01 6.3574663E-04 2.9527633E-05
2.7509172E-05 2.4622559E-05 2.1797970E-05
7.023073E+02 6.2032652E-01 5.9768900E-02 7.5263422E-05 2.5293755E-05
2.6873106E-05 2.4908582E-05 2.2389257E-05
7.073430E+02 3.9494824E-01 2.3458166E-02 4.3510392E-04 2.9688439E-05
2.7842394E-05 2.3901292E-05 2.2127299E-05
7.123453E+02 3.1311622E-01 4.6295803E-03 6.4912907E-05 2.6512020E-05
2.6642558E-05 2.4676465E-05 2.2386554E-05
7.173482E+02 4.2792308E-01 6.7340709E-02 1.7196159E-03 2.4069657E-05
2.5671112E-05 2.4928813E-05 2.3522418E-05
7.223600E+02 2.3591970E-01 7.4393875E-03 7.9771533E-05 3.3816166E-05
2.8912898E-05 2.3003771E-05 2.2724746E-05
7.273726E+02 3.8014042E-01 1.2843695E-02 1.9675937E-04 3.0941999E-05
2.7980535E-05 2.4578114E-05 2.3063516E-05
7.324192E+02 2.2300497E-01 2.6130097E-03 6.7147892E-05 3.6067962E-05
2.8828965E-05 2.2489607E-05 2.2411785E-05
7.374575E+02 2.4108076E-01 1.7138507E-03 2.5598027E-05 3.5096062E-05
2.8457040E-05 2.3644689E-05 2.2470662E-05
7.424575E+02 3.0605385E-01 2.2768809E-03 4.4928038E-05 3.5426292E-05
2.9076145E-05 2.3629611E-05 2.2614695E-05
7.474720E+02 9.3539186E-02 1.1247740E-03 5.6813333E-05 4.0190211E-05
2.8588547E-05 2.0245827E-05 2.1950360E-05
7.524910E+02 1.5247120E-01 6.1230944E-04 4.2280772E-05 3.9721421E-05
2.8478227E-05 2.1822492E-05 2.1369346E-05
7.575264E+02 2.0392694E-01 1.5361561E-03 4.9365106E-05 3.9217102E-05
2.9104644E-05 2.2977041E-05 2.1779491E-05
7.625316E+02 1.0900151E-01 3.2135422E-04 3.7664868E-05 3.9229279E-05
2.7138794E-05 2.0566615E-05 2.1298798E-05
7.675541E+02 4.1354857E-02 5.6371093E-04 5.3042797E-05 3.9368919E-05
2.7091486E-05 2.1109867E-05 2.0414778E-05

7.725990E+02	1.1448351E-02	4.8579814E-04	7.5156328E-05	3.6200257E-05
2.5434963E-05	2.0577032E-05	1.9916153E-05		
7.776382E+02	4.1943844E-04	5.0009938E-05	4.6035500E-05	3.2454209E-05
2.3900100E-05	1.9922889E-05	1.9184972E-05		
7.826681E+02	4.5964998E-04	5.6764467E-05	4.7660600E-05	3.3294076E-05
2.4536308E-05	2.0605563E-05	1.9003701E-05		
7.876682E+02	4.2122803E-04	5.8047201E-05	4.6973702E-05	3.1991425E-05
2.4574783E-05	2.0633905E-05	1.9056755E-05		
7.927143E+02	7.4373087E-04	4.7827361E-05	4.4916746E-05	3.4081717E-05
2.6340942E-05	2.3239851E-05	2.0695057E-05		
7.977427E+02	6.8916660E-04	7.3181436E-05	4.8880567E-05	3.3867640E-05
2.5658164E-05	1.9430596E-05	2.0285486E-05		
8.027863E+02	8.5584883E-04	7.8432829E-05	5.0827402E-05	3.3583201E-05
2.4544055E-05	1.9127940E-05	1.9815190E-05		
8.077863E+02	8.4561609E-05	5.5515015E-05	4.5654688E-05	3.0691899E-05
2.3296883E-05	1.9262292E-05	1.9093044E-05		
8.128088E+02	8.8914952E-05	6.2692336E-05	4.0961204E-05	2.7809647E-05
2.1077367E-05	1.6912736E-05	1.7815757E-05		
8.178396E+02	1.0370139E-04	5.5683013E-05	4.3201442E-05	2.9495259E-05
2.2159589E-05	2.0185609E-05	1.7894712E-05		
8.228683E+02	6.5866487E-05	5.0472943E-05	3.3886150E-05	2.4947962E-05
2.0206990E-05	1.7497250E-05	1.5987140E-05		
8.279000E+02	8.5886531E-05	5.3006901E-05	3.7135174E-05	2.6833404E-05
2.1041962E-05	1.8528290E-05	1.6385069E-05		
8.329000E+02	5.6372097E-05	5.3171912E-05	3.6949681E-05	2.7308739E-05
2.2086078E-05	1.9208141E-05	1.6971531E-05		
8.379267E+02	6.5978405E-05	4.5805809E-05	3.1941800E-05	2.4021845E-05
1.9373239E-05	1.5412881E-05	1.4765506E-05		
8.429336E+02	4.7556350E-05	3.5234894E-05	2.5514859E-05	1.9545036E-05
1.6067310E-05	1.4232906E-05	1.3295644E-05		
8.479440E+02	5.0011913E-05	3.3725464E-05	2.4574545E-05	1.9209963E-05
1.5985483E-05	1.4842758E-05	1.2951685E-05		
8.529523E+02	3.8042217E-05	3.4765297E-05	3.0211673E-05	2.5157673E-05
2.0748690E-05	1.8725610E-05	1.6422391E-05		
8.579803E+02	3.4573412E-05	2.7859794E-05	2.7638525E-05	2.5600684E-05
2.2793494E-05	2.1119438E-05	1.8979774E-05		
8.630277E+02	3.0200548E-05	3.5868110E-05	3.0767358E-05	2.7608750E-05
2.4239129E-05	2.0180729E-05	1.9115761E-05		
8.680298E+02	2.8943443E-05	4.6173129E-05	3.7218415E-05	3.0586427E-05
2.4396059E-05	1.8718538E-05	1.8460411E-05		
8.730469E+02	3.7553928E-05	4.3863074E-05	3.8241487E-05	3.1207030E-05
2.5032883E-05	2.0493497E-05	1.8761863E-05		
8.780671E+02	5.3543354E-05	5.7901842E-05	4.3342447E-05	3.2080876E-05
2.3741486E-05	1.7780603E-05	1.7657008E-05		
8.830836E+02	4.1933068E-05	5.8319274E-05	4.2488275E-05	3.0998784E-05
2.2993701E-05	1.8019889E-05	1.7334052E-05		
8.881301E+02	6.4824111E-05	5.7519122E-05	4.4111017E-05	3.1997424E-05
2.3358745E-05	1.8958108E-05	1.7156639E-05		
8.931561E+02	6.5949745E-05	6.1019953E-05	4.2857071E-05	3.0422403E-05
2.2680899E-05	1.8079732E-05	1.6780014E-05		
8.981845E+02	8.1198341E-05	5.8779195E-05	3.8705286E-05	2.6414978E-05
1.8929031E-05	1.4223769E-05	1.5087254E-05		
9.032300E+02	9.3091410E-05	6.2602405E-05	4.2823391E-05	2.9288936E-05
2.0960812E-05	1.7668093E-05	1.5610545E-05		
9.082662E+02	7.3149815E-05	5.8058598E-05	3.9268136E-05	2.7231285E-05
2.1091708E-05	1.7721879E-05	1.5328271E-05		

9.133143E+02	7.2076225E-05	5.2619176E-05	3.4671139E-05	2.4515746E-05
1.8590148E-05	1.4256564E-05	1.4010740E-05		
9.183594E+02	6.0155286E-05	4.7312318E-05	3.1430180E-05	2.2461018E-05
1.7399816E-05	1.4408530E-05	1.3624697E-05		
9.233762E+02	7.2749863E-05	4.7754598E-05	3.2398191E-05	2.3021083E-05
1.7572034E-05	1.5807856E-05	1.3782900E-05		
9.283935E+02	7.6034470E-05	5.1600433E-05	3.6495279E-05	2.6076463E-05
1.9518797E-05	1.8326040E-05	1.5514017E-05		
9.334008E+02	5.8861922E-05	4.5537698E-05	3.4081229E-05	2.5240748E-05
2.0070833E-05	1.8209174E-05	1.5753740E-05		
9.384365E+02	3.9448612E-05	3.5362151E-05	3.3025804E-05	2.7607035E-05
2.2227061E-05	1.9307981E-05	1.7370732E-05		
9.434605E+02	2.7195825E-05	1.7313732E-05	2.3948245E-05	2.4835374E-05
2.3804600E-05	2.1302278E-05	1.9390080E-05		
9.484623E+02	2.9794212E-06	1.3529950E-05	2.0784426E-05	2.2994278E-05
2.3104112E-05	2.1147109E-05	1.9831399E-05		
9.534870E+02	3.3005188E-05	3.4621611E-05	3.5422509E-05	3.3093191E-05
2.6954274E-05	1.8732135E-05	1.9791365E-05		
9.585121E+02	2.6516749E-05	3.1340562E-05	3.5886911E-05	3.2520231E-05
2.7385602E-05	2.0945959E-05	1.9820704E-05		
9.635247E+02	7.2156457E-05	5.8441572E-05	4.6213554E-05	3.4123706E-05
2.4484909E-05	1.8801977E-05	1.8441879E-05		
9.685247E+02	7.3071184E-05	6.2268897E-05	4.8832255E-05	3.5532252E-05
2.5231615E-05	1.9759658E-05	1.8190436E-05		
9.735247E+02	1.0096921E-04	7.0424030E-05	4.8863265E-05	3.2993208E-05
2.3094879E-05	1.6819111E-05	1.7417726E-05		
9.785247E+02	1.0119094E-04	7.3128729E-05	5.0329429E-05	3.3774228E-05
2.3381992E-05	1.8381039E-05	1.7119401E-05		
9.835706E+02	1.0999950E-04	7.2547380E-05	4.7025176E-05	3.0701194E-05
2.1471569E-05	1.5921993E-05	1.6943464E-05		
9.885706E+02	1.1226087E-04	7.3557254E-05	4.6499856E-05	3.0019171E-05
2.0558109E-05	1.5992649E-05	1.6468284E-05		
9.935714E+02	1.0619912E-04	7.1631577E-05	4.5704423E-05	2.9224902E-05
2.0551493E-05	1.7044418E-05	1.6303484E-05		
9.986208E+02	1.1172872E-04	7.2695868E-05	4.5731253E-05	2.9286577E-05
2.0839059E-05	1.7401933E-05	1.6401324E-05		
1.003653E+03	1.0858975E-04	6.3494328E-05	3.9396604E-05	2.6352767E-05
1.9577255E-05	1.5699436E-05	1.5509331E-05		
1.008698E+03	1.0092570E-04	6.3855048E-05	4.0352490E-05	2.6719443E-05
1.9310324E-05	1.6725748E-05	1.5232666E-05		
1.013703E+03	9.2815717E-05	5.5507899E-05	3.4983444E-05	2.4100311E-05
1.8228089E-05	1.4519845E-05	1.4438075E-05		
1.018708E+03	8.8156172E-05	5.5396747E-05	3.5466652E-05	2.4279056E-05
1.8336212E-05	1.5924314E-05	1.4463881E-05		
1.023737E+03	8.4969681E-05	5.5851084E-05	3.6100053E-05	2.4605835E-05
1.9164865E-05	1.7309094E-05	1.4958690E-05		
1.028787E+03	7.6663629E-05	4.6898458E-05	3.0821662E-05	2.2221433E-05
1.7554334E-05	1.4332889E-05	1.3222731E-05		
1.033812E+03	7.3545038E-05	4.6000012E-05	3.0948824E-05	2.1972930E-05
1.7505496E-05	1.5576750E-05	1.3427384E-05		
1.038826E+03	6.5523425E-05	4.0641200E-05	2.7649721E-05	2.0023002E-05
1.6070571E-05	1.3126688E-05	1.2820023E-05		
1.043868E+03	6.2225685E-05	3.9846491E-05	2.7131442E-05	1.9811048E-05
1.6049973E-05	1.4497165E-05	1.3043357E-05		
1.048868E+03	6.0604147E-05	3.9211969E-05	2.7185388E-05	1.9707737E-05
1.5969939E-05	1.6061431E-05	1.3034416E-05		

1.053917E+03	3.7114358E-05	3.6546317E-05	3.1080363E-05	2.3761580E-05
1.8637254E-05	1.7438342E-05	1.5605794E-05		
1.058917E+03	2.2235261E-05	3.1294647E-05	3.1734675E-05	2.5751231E-05
2.0595302E-05	1.9611820E-05	1.6846323E-05		
1.063917E+03	1.9565261E-05	2.4696434E-05	2.8396340E-05	2.5723886E-05
2.1379103E-05	2.0253508E-05	1.8143659E-05		
1.068917E+03	2.2956524E-06	1.6439979E-05	2.3630857E-05	2.3905321E-05
2.1756292E-05	2.0626905E-05	1.8982724E-05		
1.073917E+03	6.0001635E-06	1.6498331E-07	1.3344530E-05	1.7741828E-05
1.8810082E-05	1.8923127E-05	1.8555229E-05		
1.078917E+03	7.9151306E-08	0.0000000E+00	2.2748073E-07	1.1292447E-05
1.4504077E-05	1.7077235E-05	1.6913653E-05		
1.083917E+03	0.0000000E+00	0.0000000E+00	3.4175827E-07	1.8642917E-06
1.2094165E-05	1.6435164E-05	1.6282238E-05		
1.088917E+03	9.7962550E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
3.3645549E-06	1.4375297E-05	1.5107265E-05		
1.093917E+03	0.0000000E+00	0.0000000E+00	3.0743189E-07	0.0000000E+00
0.0000000E+00	1.3872277E-05	1.4113967E-05		
1.098959E+03	0.0000000E+00	0.0000000E+00	3.1753919E-07	0.0000000E+00
0.0000000E+00	1.4994157E-05	1.4042589E-05		
1.103988E+03	2.1613603E-05	2.7534750E-07	0.0000000E+00	0.0000000E+00
0.0000000E+00	1.4279464E-05	1.4331546E-05		
1.108988E+03	2.6111182E-05	3.2811769E-07	4.0329866E-07	6.5650418E-09
0.0000000E+00	1.1237784E-05	1.1982197E-05		
1.113988E+03	0.0000000E+00	4.8812257E-08	2.5900567E-07	0.0000000E+00
0.0000000E+00	1.2686952E-05	1.1604635E-05		
1.118988E+03	2.8262924E-08	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	1.3791797E-05	1.2378872E-05		
1.123988E+03	0.0000000E+00	0.0000000E+00	2.5691645E-06	0.0000000E+00
1.3816908E-06	1.5348065E-05	1.2746656E-05		
1.128988E+03	0.0000000E+00	0.0000000E+00	1.1668843E-05	2.7877965E-07
8.7104891E-06	1.5922244E-05	1.3957357E-05		
1.133988E+03	0.0000000E+00	5.2626103E-07	1.0959006E-05	1.5693720E-06
1.4851623E-05	1.6762649E-05	1.4382925E-05		
1.138988E+03	3.1628620E-05	6.6787055E-07	1.6163503E-05	1.5548359E-05
1.8794088E-05	1.5959355E-05	1.4450092E-05		
1.143988E+03	0.0000000E+00	5.4448250E-09	9.2671453E-06	1.2592800E-05
1.5381300E-05	1.6305310E-05	1.5116878E-05		
1.149029E+03	0.0000000E+00	0.0000000E+00	6.5250879E-06	1.1482275E-05
1.4482403E-05	1.7660825E-05	1.5570595E-05		
1.154029E+03	0.0000000E+00	0.0000000E+00	1.4699054E-05	1.3587903E-05
1.8089784E-05	1.7416218E-05	1.5793446E-05		
1.159029E+03	4.5902948E-07	7.0113714E-08	3.3419857E-07	9.2322853E-06
1.3174614E-05	1.6021291E-05	1.5694810E-05		
1.164029E+03	1.1942287E-05	7.3436496E-08	1.0691035E-05	9.3860120E-07
1.0462550E-05	1.6028696E-05	1.5524367E-05		
1.169073E+03	7.4475878E-08	4.9481019E-09	6.3575911E-08	1.9576380E-07
3.4089067E-07	1.5147536E-05	1.4601771E-05		
1.174073E+03	1.5478116E-07	1.7085541E-06	1.6281541E-05	2.1086336E-05
2.1365331E-05	1.4248981E-05	1.4859857E-05		
1.179073E+03	6.2616091E-06	3.3601577E-07	1.5889798E-05	1.9958452E-05
2.0551131E-05	1.6526670E-05	1.5005219E-05		
1.184122E+03	6.0408944E-08	3.1410602E-07	1.4553289E-05	1.7852341E-05
1.9845937E-05	1.8552611E-05	1.5650681E-05		
1.189164E+03	1.5473761E-05	2.3580895E-05	3.1751784E-05	3.1454576E-05
2.3709097E-05	1.4933576E-05	1.5458239E-05		

1.194184E+03	2.8025797E-05	3.5722696E-05	4.0764658E-05	3.4514756E-05
2.2196020E-05	1.5039592E-05	1.5245327E-05		
1.199231E+03	3.9353454E-05	4.5484619E-05	4.8204256E-05	3.4589502E-05
2.1568201E-05	1.6057451E-05	1.4976963E-05		
1.204231E+03	2.8265576E-05	3.5663768E-05	4.3029282E-05	3.4713881E-05
2.2749475E-05	1.9328112E-05	1.6350710E-05		
1.209231E+03	1.0754115E-05	2.1236970E-05	3.2208452E-05	3.1983716E-05
2.4720215E-05	2.1295236E-05	1.8537536E-05		
1.214231E+03	1.6878279E-05	2.8591041E-05	3.9675175E-05	3.4083572E-05
2.7675536E-05	2.1273299E-05	1.8799967E-05		
1.219231E+03	2.8405029E-05	3.9203071E-05	4.4587450E-05	3.8049904E-05
2.8631488E-05	2.0329997E-05	1.8866242E-05		
1.224231E+03	5.5685716E-05	5.9816815E-05	5.5881810E-05	4.0369170E-05
2.5848321E-05	1.7456467E-05	1.8163506E-05		
1.229231E+03	8.8766588E-05	8.0035352E-05	6.2341518E-05	3.9105613E-05
2.3509438E-05	1.7101636E-05	1.7564242E-05		
1.234231E+03	9.0487112E-05	8.1939601E-05	6.5956920E-05	4.0119947E-05
2.4039420E-05	2.1117088E-05	1.7844457E-05		
1.239231E+03	1.0635644E-04	8.9388726E-05	6.7106143E-05	3.8897506E-05
2.4949530E-05	2.1495860E-05	1.8020599E-05		
1.244231E+03	9.1909249E-05	8.6002998E-05	6.5070541E-05	3.9536830E-05
2.5808482E-05	2.2258881E-05	1.8893703E-05		
1.249231E+03	2.6005020E-05	4.5911987E-05	5.4776410E-05	4.4938737E-05
3.1399391E-05	2.4406865E-05	2.1610958E-05		
1.254231E+03	1.6271839E-05	3.4657151E-05	5.1626870E-05	4.5232115E-05
3.4161800E-05	2.6747028E-05	2.2941445E-05		
1.259231E+03	1.6964912E-05	3.5087924E-05	5.1749947E-05	4.5883549E-05
3.5414465E-05	2.6989439E-05	2.3633029E-05		
1.264231E+03	9.2959169E-07	1.4631164E-05	2.8486704E-05	3.5316949E-05
3.3992532E-05	2.6774207E-05	2.4834917E-05		
1.269231E+03	0.0000000E+00	3.3528784E-07	2.2859533E-05	2.7925316E-05
3.0658288E-05	2.6576668E-05	2.4895327E-05		
1.274231E+03	6.5640222E-07	1.7442675E-05	3.1286581E-05	3.5160694E-05
3.6150581E-05	2.3869836E-05	2.5150264E-05		
1.279231E+03	2.3713797E-05	3.6280744E-05	4.7852627E-05	4.7951904E-05
3.4278342E-05	2.0543412E-05	2.5270527E-05		
1.284231E+03	6.2143496E-05	7.1489856E-05	6.9820991E-05	4.9705126E-05
2.8379289E-05	1.7777991E-05	2.5523670E-05		
1.289231E+03	7.7336823E-05	8.2079860E-05	7.4885938E-05	4.9945917E-05
2.7971670E-05	2.0261510E-05	2.4056235E-05		
1.294280E+03	9.8542376E-05	9.5022711E-05	7.9588230E-05	4.8020516E-05
2.8101920E-05	2.1209000E-05	2.3651437E-05		
1.299280E+03	1.0229752E-04	9.8784971E-05	7.8492063E-05	4.7784342E-05
2.8603212E-05	2.1646285E-05	2.2426993E-05		
1.304280E+03	4.5230172E-05	6.6953908E-05	7.0879782E-05	5.3426567E-05
3.4099634E-05	2.5099007E-05	2.2863416E-05		
1.309280E+03	7.4953263E-05	8.7045206E-05	7.8200304E-05	5.3298678E-05
3.4440996E-05	2.3985371E-05	2.2931807E-05		
1.314280E+03	1.5942418E-04	1.2130878E-04	8.2306549E-05	4.8225957E-05
2.8758022E-05	1.9255502E-05	2.1731610E-05		
1.319280E+03	1.9313321E-04	1.2415276E-04	8.3849220E-05	4.6552315E-05
2.7327655E-05	2.0201824E-05	2.1402071E-05		
1.324280E+03	1.7863887E-04	1.1827108E-04	7.9138561E-05	4.3363059E-05
2.6673097E-05	2.0466277E-05	2.1383328E-05		
1.329280E+03	1.7409686E-04	1.1522840E-04	7.7551631E-05	4.2562217E-05
2.6481044E-05	2.1321959E-05	2.1099910E-05		

1.334329E+03	1.6341906E-04	1.0990942E-04	7.2909606E-05	4.0307717E-05
2.6384321E-05	2.1418131E-05	2.0967147E-05		
1.339329E+03	1.5544925E-04	1.0258643E-04	6.4544111E-05	3.6842997E-05
2.4868510E-05	1.8946661E-05	2.0897360E-05		
1.344329E+03	1.2809162E-04	9.9608034E-05	5.9611073E-05	3.4730630E-05
2.4023664E-05	1.9155374E-05	2.0748897E-05		
1.349329E+03	1.3265276E-04	8.7054854E-05	5.1100720E-05	3.0827832E-05
2.1806407E-05	1.6954626E-05	2.0451405E-05		
1.354329E+03	9.5913449E-05	8.1070277E-05	4.6041027E-05	2.8353008E-05
2.0295629E-05	1.6371225E-05	2.0459987E-05		
1.359336E+03	9.1199945E-05	7.6073346E-05	4.2993372E-05	2.6902819E-05
1.9896264E-05	1.7242795E-05	1.9974379E-05		
1.364336E+03	7.3858508E-05	7.3285490E-05	4.0738549E-05	2.5967925E-05
1.9672156E-05	1.8027087E-05	1.9634579E-05		
1.369336E+03	7.0244969E-05	7.5312055E-05	4.2524225E-05	2.6624593E-05
1.9887491E-05	2.1221495E-05	1.9581019E-05		
1.374336E+03	9.1380170E-05	5.6816152E-05	3.4339904E-05	2.4622026E-05
2.0564137E-05	1.8511437E-05	1.8608676E-05		
1.379370E+03	9.4634786E-05	5.6458695E-05	3.4921133E-05	2.5011437E-05
2.0511032E-05	2.0327298E-05	1.8177288E-05		
1.384372E+03	6.2151848E-05	5.6395587E-05	4.1392494E-05	2.9681740E-05
2.3386176E-05	2.2201541E-05	2.0244122E-05		
1.389418E+03	2.9621369E-05	3.4742876E-05	3.6304526E-05	3.1901371E-05
2.6259395E-05	2.3797547E-05	2.1685615E-05		
1.394459E+03	2.0837624E-05	1.8252362E-05	1.9427440E-05	2.1365318E-05
2.2170376E-05	2.1914779E-05	2.1028463E-05		
1.399505E+03	2.6278505E-05	2.1610977E-05	1.9566331E-05	1.6495240E-05
1.5367519E-05	1.6382541E-05	1.6544947E-05		
1.404505E+03	2.4664934E-05	2.1391346E-05	2.0986085E-05	1.8039813E-05
1.5612794E-05	1.6659795E-05	1.5403064E-05		
1.409509E+03	0.0000000E+00	9.6676931E-06	1.3972363E-05	1.4027945E-05
1.3244629E-05	1.4313611E-05	1.4179176E-05		
1.414548E+03	0.0000000E+00	0.0000000E+00	0.0000000E+00	7.2177863E-06
1.0187435E-05	1.2780343E-05	1.2340578E-05		
1.419548E+03	1.6513945E-06	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	1.3139565E-05	1.2219692E-05		
1.424548E+03	1.6381574E-06	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	1.3561737E-05	1.2872991E-05		
1.429548E+03	3.9410329E-06	2.6056910E-07	3.3585385E-07	0.0000000E+00
0.0000000E+00	1.2589065E-05	1.2142556E-05		
1.434548E+03	2.2381489E-06	1.9018567E-07	2.0275021E-07	0.0000000E+00
0.0000000E+00	1.4145686E-05	1.2460244E-05		
1.439548E+03	3.8179445E-07	4.8850218E-08	2.0660737E-07	0.0000000E+00
0.0000000E+00	1.6054468E-05	1.3733031E-05		
1.444548E+03	6.3786279E-06	2.4984928E-07	3.2848078E-07	0.0000000E+00
0.0000000E+00	1.4954623E-05	1.4568437E-05		
1.449548E+03	3.3481473E-07	7.7952521E-08	1.3176171E-07	0.0000000E+00
0.0000000E+00	1.5983878E-05	1.4247995E-05		
1.454592E+03	0.0000000E+00	4.2896664E-07	7.9877955E-06	1.7511584E-05
2.1895750E-05	1.5418767E-05	1.4307936E-05		
1.459592E+03	3.3889308E-05	3.8160790E-05	4.0383460E-05	3.2109499E-05
2.0395502E-05	1.3478836E-05	1.3522420E-05		
1.464592E+03	3.4950033E-05	4.0525782E-05	4.2033193E-05	3.3766893E-05
2.1736732E-05	1.7629447E-05	1.4362442E-05		
1.469638E+03	1.9077201E-05	2.8135411E-05	3.6854140E-05	3.2498814E-05
2.3554132E-05	2.0686635E-05	1.7186976E-05		

1.474638E+03	3.9292145E-06	1.5337455E-05	2.4326926E-05	2.7662672E-05
2.4052144E-05	2.1820013E-05	1.9336976E-05		
1.479638E+03	1.7953791E-05	2.9048355E-05	3.7292459E-05	3.4921861E-05
2.9405481E-05	2.1268028E-05	1.9204481E-05		
1.484681E+03	1.3972582E-04	8.6320309E-05	6.6657194E-05	4.3050626E-05
2.6078840E-05	1.6696886E-05	1.4830686E-05		
1.489718E+03	2.0007684E-04	8.3028572E-05	7.0477407E-05	4.0715393E-05
2.4082996E-05	1.6812550E-05	1.4569377E-05		
1.494719E+03	1.0871521E-04	8.1872444E-05	7.1422968E-05	4.3447057E-05
2.5756126E-05	2.0116184E-05	1.6051927E-05		
1.499726E+03	3.9997252E-05	4.7906527E-05	5.8368449E-05	4.6830610E-05
3.2036121E-05	2.3756140E-05	1.9994854E-05		
1.504759E+03	1.8504463E-04	6.8059890E-05	6.7723347E-05	4.9520389E-05
3.3573317E-05	2.1894451E-05	2.0384201E-05		
1.509762E+03	1.9453233E-04	1.1260425E-04	8.1985410E-05	4.8179845E-05
2.7974638E-05	1.7429973E-05	1.8969838E-05		
1.514772E+03	1.0228758E-03	1.8593339E-04	7.7851517E-05	4.1030005E-05
2.2900387E-05	1.4977201E-05	1.6977554E-05		
1.519808E+03	1.6603283E-04	9.6872463E-05	6.6844645E-05	3.4936402E-05
2.1149734E-05	1.5694439E-05	1.6009961E-05		
1.524844E+03	1.5677969E-04	9.4094430E-05	6.4398286E-05	3.8717291E-05
2.4019513E-05	1.8196492E-05	1.5708079E-05		
1.529844E+03	1.0320439E-04	8.0754260E-05	6.6276174E-05	4.1855728E-05
2.7601220E-05	2.1302189E-05	1.7349566E-05		
1.534859E+03	3.0218140E-04	1.0186547E-04	6.0639890E-05	3.6303456E-05
2.3658569E-05	1.6464543E-05	1.3680034E-05		
1.539868E+03	1.2824412E-04	7.5765493E-05	5.4772870E-05	3.2360182E-05
2.1289938E-05	1.5523015E-05	1.3418796E-05		
1.544881E+03	9.7526055E-05	7.7397752E-05	5.4762975E-05	3.5472771E-05
2.3435086E-05	1.7887069E-05	1.4580522E-05		
1.549901E+03	2.8533605E-04	8.1455219E-05	5.9274698E-05	4.0255520E-05
2.7331185E-05	2.2265438E-05	1.7209692E-05		
1.554901E+03	1.1169510E-04	8.0425132E-05	5.2066614E-05	3.4033110E-05
2.3407183E-05	1.7289563E-05	1.3764032E-05		
1.559921E+03	9.2144524E-05	7.5309232E-05	4.7666534E-05	3.0482117E-05
2.0940550E-05	1.6287115E-05	1.2559363E-05		
1.564944E+03	8.6130131E-05	6.8369096E-05	4.4988836E-05	2.9466904E-05
2.0427849E-05	1.6475693E-05	1.2668890E-05		
1.569956E+03	3.8098784E-05	4.6588721E-05	4.4116125E-05	3.5450335E-05
2.6268506E-05	2.1082544E-05	1.7486251E-05		
1.574956E+03	1.2173731E-05	1.6393249E-05	2.1827669E-05	2.5469959E-05
2.6011317E-05	2.3384186E-05	2.0895715E-05		
1.579956E+03	9.1544274E-07	3.7235188E-06	1.1591168E-05	1.5261978E-05
1.8454291E-05	2.0728365E-05	2.0239606E-05		
1.584956E+03	2.2922430E-07	8.9852414E-08	2.4268789E-07	4.8166298E-06
1.1761719E-05	1.6947333E-05	1.7590517E-05		
1.589956E+03	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
1.7078213E-07	1.4969698E-05	1.5492280E-05		
1.594956E+03	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
0.0000000E+00	1.5702779E-05	1.4821571E-05		
1.599956E+03	0.0000000E+00	1.1090981E-10	0.0000000E+00	0.0000000E+00
0.0000000E+00	1.6952601E-05	1.5066589E-05		
1.604956E+03	0.0000000E+00	1.2057788E-07	0.0000000E+00	1.1751001E-06
1.6485461E-05	1.6579193E-05	1.5182614E-05		
1.609956E+03	1.1967596E-07	2.0241857E-06	1.4034730E-05	2.0456193E-05
2.0419693E-05	1.4535283E-05	1.4813096E-05		

1.614956E+03	1.3236405E-05	1.8066014E-05	2.4341080E-05	2.6232799E-05
1.9454650E-05	1.3861876E-05	1.4415500E-05		
1.619956E+03	1.8595250E-05	2.4072131E-05	2.8698769E-05	2.6729664E-05
1.9476287E-05	1.4508398E-05	1.4203802E-05		
1.624956E+03	2.6899346E-05	3.1846026E-05	3.4291996E-05	2.7153144E-05
1.8443601E-05	1.3906874E-05	1.3926056E-05		
1.629956E+03	3.4991492E-05	3.7906499E-05	3.5241632E-05	2.6123575E-05
1.8213337E-05	1.4000745E-05	1.3667717E-05		
1.634956E+03	4.3134689E-05	4.2384898E-05	3.5572113E-05	2.5130852E-05
1.7271659E-05	1.3518719E-05	1.3624388E-05		
1.639972E+03	4.9165141E-05	4.5130819E-05	3.5854711E-05	2.4191844E-05
1.7053071E-05	1.4153312E-05	1.3307205E-05		
1.644972E+03	5.4846005E-05	4.6551038E-05	3.4255809E-05	2.3226768E-05
1.6873320E-05	1.4127818E-05	1.3167945E-05		
1.649982E+03	6.0542188E-05	4.6678837E-05	3.2919237E-05	2.1615053E-05
1.5624466E-05	1.2863065E-05	1.2717308E-05		
1.654998E+03	6.2707368E-05	4.6821729E-05	3.2034357E-05	2.1187692E-05
1.5521337E-05	1.4423104E-05	1.2556841E-05		
1.660028E+03	6.4210901E-05	4.5524623E-05	3.0199319E-05	2.0286530E-05
1.5735213E-05	1.4570366E-05	1.2397290E-05		
1.665028E+03	6.3273619E-05	4.3320506E-05	2.8766501E-05	1.9712008E-05
1.5609708E-05	1.3904974E-05	1.2228425E-05		
1.670048E+03	6.1844388E-05	4.0535499E-05	2.6723761E-05	1.8707311E-05
1.5030240E-05	1.3039024E-05	1.1997727E-05		
1.675065E+03	6.0086499E-05	3.9205621E-05	2.6113830E-05	1.8490779E-05
1.4957886E-05	1.3730099E-05	1.1962597E-05		
1.680108E+03	6.0845530E-05	3.9381295E-05	2.6622680E-05	1.8638741E-05
1.4971789E-05	1.4596153E-05	1.1981729E-05		
1.685146E+03	5.8568730E-05	3.7814680E-05	2.5519132E-05	1.8320408E-05
1.5550509E-05	1.4237786E-05	1.1871524E-05		
1.690150E+03	5.1031682E-05	3.3183260E-05	2.2984561E-05	1.7485207E-05
1.4551788E-05	1.2102840E-05	1.1233705E-05		
1.695192E+03	4.2439762E-05	2.7993772E-05	1.9899688E-05	1.5111653E-05
1.1987437E-05	9.6429721E-06	9.5928244E-06		
1.700202E+03	5.4832846E-05	3.4196099E-05	2.3352410E-05	1.7103621E-05
1.3259382E-05	1.2366237E-05	1.0639241E-05		
1.705202E+03	7.7548131E-05	4.8436294E-05	3.2112595E-05	2.2260898E-05
1.6740703E-05	1.5589643E-05	1.2846974E-05		
1.710202E+03	6.9677517E-05	4.4281012E-05	2.9536246E-05	2.1613214E-05
1.7305645E-05	1.4755259E-05	1.2812534E-05		
1.715202E+03	6.9416805E-05	4.4147699E-05	3.0002657E-05	2.1461761E-05
1.7127537E-05	1.5630143E-05	1.2887461E-05		
1.720212E+03	5.9669630E-05	3.8790491E-05	2.7026344E-05	2.0631649E-05
1.6705180E-05	1.3586756E-05	1.2139425E-05		
1.725225E+03	5.3623146E-05	3.5810895E-05	2.6006956E-05	1.9242756E-05
1.4691580E-05	1.1554062E-05	1.1437580E-05		
1.730267E+03	4.9744704E-05	3.3885284E-05	2.4696288E-05	1.8308481E-05
1.4616419E-05	1.2963170E-05	1.0973156E-05		
1.735300E+03	1.1097816E-04	5.5226639E-05	3.3044304E-05	2.2776938E-05
1.7418135E-05	1.4993791E-05	1.2916445E-05		
1.740300E+03	3.7107890E-04	2.3449981E-04	1.3997957E-04	8.0726539E-05
4.6861507E-05	2.8192988E-05	2.0453950E-05		
1.745300E+03	4.2771857E-04	3.1240069E-04	2.1466850E-04	1.4162403E-04
8.9125570E-05	4.7231093E-05	3.3188586E-05		
1.750300E+03	4.3101585E-04	3.5590972E-04	2.8114999E-04	2.1070115E-04
1.4961830E-04	8.0443482E-05	5.7905560E-05		

1.755300E+03	3.9273652E-04	3.4965787E-04	3.0241517E-04	2.5340609E-04
2.0135455E-04	1.1080367E-04	8.8273067E-05		
1.760300E+03	3.3961490E-04	3.1438368E-04	2.8468019E-04	2.5221551E-04
2.1298550E-04	1.0778746E-04	9.7945958E-05		
1.765300E+03	3.1224350E-04	2.8488634E-04	2.6652124E-04	2.4600845E-04
2.1860734E-04	1.1103012E-04	1.0519031E-04		
1.770300E+03	2.7278467E-04	2.5275664E-04	2.3947016E-04	2.2649605E-04
2.0499613E-04	9.0834423E-05	9.6884462E-05		
1.775300E+03	1.9171626E-04	1.8426747E-04	1.8149300E-04	1.7899330E-04
1.7392769E-04	1.1288928E-04	9.7770440E-05		
1.780300E+03	2.0559369E-04	1.7072873E-04	1.5538197E-04	1.4936744E-04
1.4717827E-04	9.9393947E-05	1.0253146E-04		
1.785300E+03	2.1204133E-04	1.7906171E-04	1.6073459E-04	1.5168164E-04
1.2263072E-04	6.4464104E-05	9.8901102E-05		
1.790312E+03	2.4253843E-04	2.0405038E-04	1.7161918E-04	1.2931261E-04
8.7586799E-05	5.2079191E-05	9.9724071E-05		
1.795348E+03	2.3294112E-04	1.9779746E-04	1.6882599E-04	1.2877681E-04
8.9213179E-05	4.5093933E-05	7.6221215E-05		
1.800348E+03	2.2319879E-04	1.8995738E-04	1.6518727E-04	1.3480464E-04
9.9423269E-05	4.8547397E-05	5.5905486E-05		
1.805392E+03	2.2529167E-04	1.8999391E-04	1.5855937E-04	1.1826755E-04
7.7461264E-05	3.8963612E-05	5.5700220E-05		
1.810392E+03	2.2239667E-04	1.8458042E-04	1.5005437E-04	1.1335278E-04
7.2968120E-05	3.5547520E-05	4.7066918E-05		
1.815392E+03	2.1467927E-04	1.7988002E-04	1.4968427E-04	1.1653407E-04
7.8871337E-05	3.6294794E-05	4.2072130E-05		
1.820392E+03	2.1015290E-04	1.7417833E-04	1.4246983E-04	1.0832681E-04
6.9188085E-05	3.1885829E-05	4.1224663E-05		
1.825392E+03	2.1159534E-04	1.6564275E-04	1.2396256E-04	8.6718013E-05
4.9741979E-05	2.8013208E-05	4.3583535E-05		
1.830440E+03	2.0053631E-04	1.5432184E-04	1.1503977E-04	7.8825717E-05
4.5127410E-05	2.7577529E-05	4.1026171E-05		
1.835440E+03	1.8584009E-04	1.3683709E-04	9.5143143E-05	6.1546743E-05
3.7513957E-05	2.4995641E-05	4.5010645E-05		
1.840440E+03	1.6912387E-04	1.2278769E-04	8.8139685E-05	5.7675203E-05
3.4988028E-05	2.2543227E-05	4.3270091E-05		
1.845440E+03	1.4418761E-04	1.0514713E-04	8.1694569E-05	4.7624271E-05
2.9110161E-05	1.9103856E-05	4.4378627E-05		
1.850440E+03	1.3605214E-04	1.0196737E-04	7.4209340E-05	4.3702959E-05
2.6585158E-05	1.7172568E-05	4.2858730E-05		
1.855440E+03	1.2618280E-04	9.2492039E-05	6.2418498E-05	3.6314097E-05
2.2588549E-05	1.6465856E-05	4.3834763E-05		
1.860440E+03	1.2429248E-04	9.2437491E-05	6.2666564E-05	3.5932178E-05
2.2400092E-05	1.6885091E-05	3.7630412E-05		
1.865440E+03	1.1949302E-04	8.5763255E-05	5.4016200E-05	3.2257201E-05
2.0813861E-05	1.5541285E-05	3.7305599E-05		
1.870459E+03	1.0570170E-04	7.3118026E-05	4.4127108E-05	2.6527978E-05
1.9123256E-05	1.6120703E-05	3.9685317E-05		
1.875459E+03	1.0262505E-04	7.0860042E-05	4.2697717E-05	2.5869747E-05
1.8852643E-05	1.6102827E-05	3.6630965E-05		
1.880459E+03	9.4798852E-05	6.0979826E-05	3.6223326E-05	2.3636328E-05
1.8058019E-05	1.5283094E-05	3.7411381E-05		
1.885502E+03	8.9574016E-05	5.5904387E-05	3.4184908E-05	2.2227227E-05
1.7106076E-05	1.4173969E-05	3.7000227E-05		
1.890502E+03	8.6438267E-05	5.2849380E-05	3.2348493E-05	2.1692364E-05
1.6861157E-05	1.4263679E-05	3.4597389E-05		

1.895548E+03	7.9402424E-05	4.7322741E-05	2.9772063E-05	2.0438267E-05
1.5998923E-05	1.3121655E-05	3.4784778E-05		
1.900587E+03	7.8812700E-05	4.8671256E-05	3.0990395E-05	2.0915781E-05
1.6286778E-05	1.4522077E-05	2.9084242E-05		
1.905594E+03	7.2541305E-05	4.5486187E-05	2.9245311E-05	2.0485299E-05
1.6765975E-05	1.6642207E-05	2.7645430E-05		
1.910599E+03	6.0427785E-05	3.7797196E-05	2.6322006E-05	2.0987001E-05
1.9996483E-05	2.0423679E-05	3.0705403E-05		
1.915604E+03	5.8671256E-05	3.7013317E-05	2.6127904E-05	2.1311180E-05
2.0254951E-05	1.8912237E-05	2.9755627E-05		
1.920619E+03	5.1089130E-05	3.3280085E-05	2.5002022E-05	2.1353442E-05
1.9426676E-05	1.7547194E-05	3.0616404E-05		
1.925623E+03	4.8914178E-05	3.2930664E-05	2.5350206E-05	2.1207306E-05
1.8978721E-05	1.6844640E-05	2.9517529E-05		
1.930635E+03	4.4870449E-05	3.1127445E-05	2.4156561E-05	2.0538244E-05
1.8201630E-05	1.6767410E-05	2.9828307E-05		
1.935664E+03	4.3832257E-05	3.0844029E-05	2.3964074E-05	2.0410005E-05
1.7954577E-05	1.6447548E-05	2.7900802E-05		
1.940709E+03	4.0640589E-05	2.9170220E-05	2.3076762E-05	1.9680361E-05
1.7360664E-05	1.5309994E-05	2.8580180E-05		
1.945709E+03	3.8486123E-05	2.7884642E-05	2.2049540E-05	1.8910141E-05
1.6553198E-05	1.3505429E-05	2.8608145E-05		
1.950755E+03	3.6163055E-05	2.6891070E-05	2.1781800E-05	1.8264243E-05
1.5987907E-05	1.5071229E-05	2.7844948E-05		
1.955762E+03	3.4689136E-05	2.6000358E-05	2.0961514E-05	1.7790491E-05
1.5898881E-05	1.4652309E-05	2.6774114E-05		
1.960784E+03	3.3531374E-05	2.5304060E-05	2.0597961E-05	1.7438584E-05
1.6106660E-05	1.5940343E-05	2.6157664E-05		
1.965832E+03	3.1505231E-05	2.4060886E-05	2.0003939E-05	1.7243243E-05
1.6228338E-05	1.5247246E-05	2.5852549E-05		
1.970878E+03	2.9846346E-05	2.3252216E-05	1.9218593E-05	1.7286160E-05
1.5959979E-05	1.4421244E-05	2.5770460E-05		
1.975889E+03	2.8372657E-05	2.2510754E-05	1.9174198E-05	1.6809581E-05
1.5815891E-05	1.4848522E-05	2.5320784E-05		
1.980934E+03	2.6910107E-05	2.1552672E-05	1.8459112E-05	1.6658696E-05
1.5980944E-05	1.6281612E-05	2.4056131E-05		
1.985934E+03	2.4744208E-05	1.9572017E-05	1.7436914E-05	1.6097130E-05
1.5995221E-05	1.6571637E-05	2.0026288E-05		
1.990934E+03	2.8251446E-04	1.9008735E-04	1.2112070E-04	7.6342803E-05
4.8611269E-05	3.2413995E-05	2.3815686E-05		
1.995934E+03	5.0937402E-04	3.3770115E-04	2.1775441E-04	1.5400581E-04
1.0711083E-04	6.5598237E-05	4.9686103E-05		
2.000034E+03	5.4578821E-04	3.7077378E-04	2.4513525E-04	1.7222397E-04
1.2173815E-04	6.7057845E-05	5.5891996E-05		

TIME (sec)	ALP990704	ALP990604	ALP990504	ALP990404
ALP991803	ALP991703	ALP991603		
1.000000E-10	3.0309610E-16	6.2889814E-16	0.0000000E+00	0.0000000E+00
9.9796999E-01	1.9432400E-01	4.3628484E-02		
1.003469E-01	0.0000000E+00	5.1665971E-08	0.0000000E+00	0.0000000E+00
9.9797237E-01	2.2913657E-01	4.4416778E-02		
2.016405E-01	0.0000000E+00	8.9331076E-09	0.0000000E+00	0.0000000E+00
9.9797738E-01	2.6809222E-01	4.4948366E-02		
3.143499E-01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9798346E-01	3.1122375E-01	4.5844723E-02		
4.176774E-01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9798816E-01	3.4969667E-01	4.6808049E-02		

5.179474E-01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9799132E-01	3.8714874E-01	4.7824793E-02		
6.236274E-01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9799275E-01	4.2617777E-01	4.9017742E-02		
7.657229E-01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9799162E-01	4.8266989E-01	5.0849393E-02		
8.878756E-01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9798793E-01	5.3479028E-01	5.2607771E-02		
9.933645E-01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9798304E-01	5.8086866E-01	5.4227334E-02		
1.524044E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9794775E-01	7.7968979E-01	6.3339949E-02		
2.030162E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9786347E-01	9.6930826E-01	7.3046066E-02		
2.550346E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9775386E-01	9.9799228E-01	1.0475516E-01		
3.062366E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9764454E-01	9.9920636E-01	1.1693428E-01		
3.562366E+00	7.0501521E-08	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9766582E-01	9.9917579E-01	1.5066086E-01		
4.082775E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9775159E-01	9.9921966E-01	1.7874518E-01		
4.604100E+00	4.0434003E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9786550E-01	9.9944687E-01	2.0891654E-01		
5.125216E+00	5.9506777E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9798423E-01	9.9956453E-01	2.5847888E-01		
5.625216E+00	5.9501969E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9810863E-01	9.9967581E-01	3.2244310E-01		
6.125216E+00	4.2120595E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9826449E-01	9.9949718E-01	4.0807763E-01		
6.625216E+00	5.0961125E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9842811E-01	9.9909562E-01	4.5996997E-01		
7.125216E+00	4.7783055E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9863058E-01	9.9777633E-01	5.2334070E-01		
7.625216E+00	4.7114702E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9884427E-01	9.9853861E-01	5.9245598E-01		
8.125216E+00	5.8624983E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9901789E-01	9.9949116E-01	6.8440771E-01		
8.625216E+00	2.8853620E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9918014E-01	9.9968362E-01	7.7394199E-01		
9.146049E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9934447E-01	9.9979395E-01	8.0011886E-01		
9.646049E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9949199E-01	9.9987751E-01	8.1245041E-01		
1.014605E+01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9962133E-01	9.9993414E-01	8.2528323E-01		
1.064605E+01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9972486E-01	9.9995095E-01	8.3848071E-01		
1.114605E+01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9980402E-01	9.9994951E-01	8.5322547E-01		
1.164605E+01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9986327E-01	9.9995881E-01	8.7036073E-01		
1.214605E+01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9990386E-01	9.9998105E-01	8.8962030E-01		
1.264605E+01	0.0000000E+00	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9992549E-01	9.9997878E-01	9.0908837E-01		

1.314605E+01	4.8542381E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9993104E-01	9.9998719E-01	9.1747755E-01		
1.364605E+01	2.2975164E-05	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9992418E-01	9.9998724E-01	9.0953052E-01		
1.414605E+01	4.9733976E-06	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9990386E-01	9.9998492E-01	9.1396493E-01		
1.464605E+01	3.2844315E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9988252E-01	9.9998474E-01	9.2159778E-01		
1.514605E+01	3.6908688E-08	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9985576E-01	9.9998504E-01	9.3160516E-01		
1.564605E+01	1.6823790E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9983019E-01	9.9996305E-01	9.4169074E-01		
1.614605E+01	1.4775418E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9981129E-01	9.9994212E-01	9.5058233E-01		
1.664605E+01	1.5273432E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9980396E-01	9.9994206E-01	9.5683563E-01		
1.714605E+01	3.5409460E-07	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9980122E-01	9.9994212E-01	9.6062762E-01		
1.764605E+01	7.6662422E-05	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9980211E-01	9.9994481E-01	9.6138203E-01		
1.814605E+01	3.1126419E-05	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9980903E-01	9.9995190E-01	9.5958781E-01		
1.864605E+01	7.9299563E-05	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9974191E-01	9.9993938E-01	9.5528072E-01		
1.914605E+01	5.0076545E-05	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9878681E-01	9.9975252E-01	9.4621259E-01		
1.964605E+01	4.9015154E-05	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9726546E-01	9.9919945E-01	9.3939161E-01		
2.014605E+01	6.7947105E-05	0.0000000E+00	0.0000000E+00	0.0000000E+00
9.9550557E-01	9.9841785E-01	9.3210530E-01		
2.064605E+01	9.1553455E-05	2.3011078E-06	2.0825260E-06	4.9165559E-05
9.9354577E-01	9.9743325E-01	9.2466015E-01		
2.114605E+01	1.2020695E-04	1.3788494E-05	2.0190896E-04	4.9713353E-04
9.9157059E-01	9.9632144E-01	9.1768742E-01		
2.164605E+01	1.7179853E-04	3.7966358E-05	1.1862621E-03	4.0727695E-03
9.8982841E-01	9.9517548E-01	9.1163909E-01		
2.214605E+01	8.9924881E-04	2.6354214E-04	4.6511143E-03	1.9493699E-02
9.8845977E-01	9.9419558E-01	9.0670985E-01		
2.266648E+01	1.1521626E-03	1.2631614E-03	1.4716305E-02	4.9355045E-02
9.8750174E-01	9.9352157E-01	9.0375209E-01		
2.318409E+01	1.4347617E-03	4.3954672E-03	3.2541007E-02	8.3660960E-02
9.8694223E-01	9.9330544E-01	9.0322161E-01		
2.368409E+01	5.1356051E-03	1.0847831E-02	5.4943759E-02	1.1375828E-01
9.8693472E-01	9.9298489E-01	9.0250725E-01		
2.418409E+01	6.8700286E-03	2.0703249E-02	7.9801686E-02	1.3883936E-01
9.8776603E-01	9.9308783E-01	9.0223348E-01		
2.468420E+01	1.0666993E-02	3.5406888E-02	1.0601705E-01	1.6049120E-01
9.8886716E-01	9.9382466E-01	9.0085930E-01		
2.518866E+01	1.7793231E-02	5.5695571E-02	1.3291016E-01	1.7889377E-01
9.8935014E-01	9.9467391E-01	8.9752573E-01		
2.570592E+01	3.0626208E-02	8.1325367E-02	1.6001508E-01	1.9920300E-01
9.8925084E-01	9.9502820E-01	8.9311910E-01		
2.622136E+01	5.1271487E-02	1.0988579E-01	1.8616423E-01	2.2192448E-01
9.8869544E-01	9.9474919E-01	8.9007467E-01		
2.673972E+01	7.7488385E-02	1.3892414E-01	2.1232571E-01	2.4257702E-01
9.8783284E-01	9.9416482E-01	8.8836229E-01		

2.724740E+01	1.0180580E-01	1.6553755E-01	2.3602667E-01	2.5906435E-01
9.8703140E-01	9.9349761E-01	8.8624972E-01		
2.776852E+01	1.2558535E-01	1.9090994E-01	2.5702026E-01	2.7383417E-01
9.8633170E-01	9.9276948E-01	8.8426340E-01		
2.828743E+01	1.4745502E-01	2.1613759E-01	2.7517623E-01	2.8723115E-01
9.8571348E-01	9.9221903E-01	8.8144308E-01		
2.878743E+01	1.6700201E-01	2.3947863E-01	2.9138237E-01	3.0015570E-01
9.8515183E-01	9.9193841E-01	8.7842238E-01		
2.928743E+01	1.8486962E-01	2.6106748E-01	3.0675387E-01	3.1312305E-01
9.8462546E-01	9.9161869E-01	8.7565011E-01		
2.978743E+01	2.0231207E-01	2.8095144E-01	3.2166001E-01	3.2620624E-01
9.8410189E-01	9.9137044E-01	8.7286162E-01		
3.028743E+01	2.1915537E-01	2.9948100E-01	3.3628616E-01	3.3936197E-01
9.8350513E-01	9.9116838E-01	8.6964434E-01		
3.078743E+01	2.3464605E-01	3.1693241E-01	3.5061711E-01	3.5243431E-01
9.8278058E-01	9.9096423E-01	8.6560625E-01		
3.128743E+01	2.4831952E-01	3.3338624E-01	3.6451271E-01	3.6523288E-01
9.8192042E-01	9.9076277E-01	8.6056054E-01		
3.178743E+01	2.6086020E-01	3.4944412E-01	3.7839717E-01	3.7810194E-01
9.8098874E-01	9.9053526E-01	8.5488474E-01		
3.228743E+01	2.7331215E-01	3.6526838E-01	3.9229971E-01	3.9104050E-01
9.7995943E-01	9.9034780E-01	8.4825510E-01		
3.278743E+01	2.8482166E-01	3.8052183E-01	4.0581322E-01	4.0370154E-01
9.7883534E-01	9.9007612E-01	8.4109527E-01		
3.328743E+01	2.9508641E-01	3.9530382E-01	4.1905451E-01	4.1620952E-01
9.7773927E-01	9.8976773E-01	8.3345449E-01		
3.378743E+01	3.0153966E-01	4.0789276E-01	4.3057743E-01	4.2754322E-01
9.7674763E-01	9.8886544E-01	8.2795829E-01		
3.428743E+01	3.0566218E-01	4.1956201E-01	4.4170150E-01	4.3884227E-01
9.7643650E-01	9.8812550E-01	8.2442707E-01		
3.478743E+01	3.1198043E-01	4.3326965E-01	4.5434114E-01	4.5129097E-01
9.7628713E-01	9.8794949E-01	8.1816101E-01		
3.528743E+01	3.2297963E-01	4.4843370E-01	4.6824366E-01	4.6469420E-01
9.7568280E-01	9.8803282E-01	8.0912632E-01		
3.578743E+01	3.3464178E-01	4.6322471E-01	4.8187396E-01	4.7786891E-01
9.7485620E-01	9.8775035E-01	7.9818004E-01		
3.628743E+01	3.4448448E-01	4.7744521E-01	4.9520251E-01	4.9110901E-01
9.7417432E-01	9.8787868E-01	7.8504914E-01		
3.678743E+01	3.4970456E-01	4.8899290E-01	5.0733668E-01	5.0401497E-01
9.7364825E-01	9.8866105E-01	7.7059531E-01		
3.728743E+01	3.5468221E-01	4.9818343E-01	5.1885206E-01	5.1662380E-01
9.7340870E-01	9.9047637E-01	7.5352585E-01		
3.778743E+01	3.5924557E-01	5.0700724E-01	5.2992743E-01	5.2848542E-01
9.7348386E-01	9.9336284E-01	7.3250300E-01		
3.830806E+01	3.6395839E-01	5.1561046E-01	5.4107469E-01	5.4034621E-01
9.7413558E-01	9.9332118E-01	7.1484345E-01		
3.880806E+01	3.6861956E-01	5.2274251E-01	5.5119294E-01	5.5118662E-01
9.7523248E-01	9.9186563E-01	7.0299298E-01		
3.930806E+01	3.7162274E-01	5.2747589E-01	5.6023806E-01	5.6119412E-01
9.7638065E-01	9.9179769E-01	6.9432783E-01		
3.983299E+01	3.6096147E-01	5.2971774E-01	5.6852883E-01	5.7071030E-01
9.7732985E-01	9.9206978E-01	6.8840867E-01		
4.034888E+01	3.0015382E-01	5.2293062E-01	5.7365650E-01	5.7763571E-01
9.7793120E-01	9.9161714E-01	6.6240072E-01		
4.086869E+01	1.8264680E-01	5.0215405E-01	5.7681936E-01	5.8354187E-01
9.7754204E-01	9.9106699E-01	6.4512640E-01		

4.137451E+01 5.7163145E-02 4.4772893E-01 5.7284570E-01 5.8459479E-01
9.7731334E-01 9.9109775E-01 6.5324533E-01
4.188536E+01 1.8625223E-04 3.4505478E-01 5.5785048E-01 5.7878578E-01
9.7749794E-01 9.9303395E-01 6.4270347E-01
4.239460E+01 6.6340377E-05 2.1869047E-01 5.2498806E-01 5.6188053E-01
9.7776693E-01 9.9357373E-01 6.2606108E-01
4.290141E+01 2.7181728E-05 9.3789384E-02 4.5048910E-01 5.1655722E-01
9.7803545E-01 9.9382281E-01 6.1149681E-01
4.340367E+01 1.2065033E-05 4.5895060E-03 3.1685403E-01 4.1629052E-01
9.7838217E-01 9.9396175E-01 6.0244077E-01
4.391029E+01 1.0977988E-05 4.4757984E-05 1.7091031E-01 2.5095350E-01
9.7856963E-01 9.9391747E-01 5.9396946E-01
4.442013E+01 7.1634686E-06 8.6750388E-06 4.7856733E-02 9.2814788E-02
9.7871554E-01 9.9352401E-01 5.8383203E-01
4.493227E+01 1.2603122E-05 1.6442963E-06 1.9353899E-04 2.8941648E-03
9.7882336E-01 9.9325979E-01 5.7515770E-01
4.543827E+01 1.7838525E-05 1.1843243E-06 4.8317466E-05 1.0732048E-04
9.7887802E-01 9.9337459E-01 5.7386625E-01
4.593893E+01 1.4897975E-05 7.3396239E-07 1.8227218E-05 3.9926894E-05
9.7886789E-01 9.9348831E-01 5.7578260E-01
4.644418E+01 2.1102265E-05 6.6010335E-07 1.7253578E-05 3.1775304E-05
9.7879982E-01 9.9354494E-01 5.7402432E-01
4.695213E+01 3.3027150E-05 3.5845103E-06 2.5068935E-05 3.6797719E-05
9.7889131E-01 9.9364406E-01 5.6858402E-01
4.745940E+01 6.7113302E-05 1.1308901E-05 4.2326650E-05 4.8685182E-05
9.7919893E-01 9.9383664E-01 5.6574160E-01
4.797015E+01 9.8547687E-05 1.4235403E-05 6.7624758E-05 6.4371139E-05
9.7975785E-01 9.9330813E-01 5.6922603E-01
4.847311E+01 1.4986598E-04 1.7722834E-05 9.8282042E-05 8.2546852E-05
9.8051655E-01 9.9304628E-01 5.7803547E-01
4.898312E+01 2.1641794E-01 4.4352226E-05 1.3355272E-04 1.0356228E-04
9.8160124E-01 9.9308491E-01 5.9080184E-01
4.948804E+01 3.9320949E-01 5.6375709E-05 1.7113004E-04 1.2624991E-04
9.8323876E-01 9.9369013E-01 6.0542160E-01
4.999225E+01 5.2924526E-01 2.7430082E-05 2.0226154E-04 1.4671202E-04
9.8562056E-01 9.9475223E-01 6.1892515E-01
5.049424E+01 6.4423507E-01 9.5884388E-05 2.4211610E-04 1.7281742E-04
9.8827749E-01 9.9548751E-01 6.2924224E-01
5.099622E+01 7.4204230E-01 6.4927677E-05 2.9668829E-04 2.0938630E-04
9.9079746E-01 9.9636161E-01 6.4337319E-01
5.149626E+01 8.2237250E-01 4.0686387E-05 3.6164944E-04 2.5115238E-04
9.9296349E-01 9.9724740E-01 6.5862250E-01
5.199947E+01 8.3119667E-01 2.2310337E-02 4.4258090E-04 3.0263764E-04
9.9472266E-01 9.9807954E-01 6.7618042E-01
5.250106E+01 8.1029791E-01 4.4323567E-02 5.5952341E-04 3.7637321E-04
9.9607116E-01 9.9875915E-01 6.9488597E-01
5.300600E+01 7.9399991E-01 5.5720333E-02 9.0797927E-04 4.6678251E-04
9.9710089E-01 9.9911815E-01 7.1607774E-01
5.351564E+01 7.6971048E-01 6.7960240E-02 1.2752478E-03 6.0549018E-04
9.9787641E-01 9.9931449E-01 7.3420167E-01
5.402672E+01 7.4582279E-01 7.6558679E-02 1.9860358E-03 9.0890966E-04
9.9844658E-01 9.9950469E-01 7.5412434E-01
5.452872E+01 7.1856755E-01 7.5569548E-02 3.1637938E-03 1.5586047E-03
9.9884939E-01 9.9966151E-01 7.7409583E-01
5.503849E+01 6.8944311E-01 6.5434888E-02 5.6396155E-03 2.7438253E-03
9.9914372E-01 9.9975044E-01 7.9087198E-01

5.554660E+01	6.5488636E-01	5.4288615E-02	1.0955299E-02	5.0721271E-03
9.9935812E-01	9.9978995E-01	7.9537100E-01		
5.606082E+01	5.8376509E-01	5.5714313E-02	2.0837691E-02	9.4395392E-03
9.9952698E-01	9.9981612E-01	7.9241168E-01		
5.657179E+01	4.6832597E-01	6.7670770E-02	3.6280286E-02	1.6638696E-02
9.9965322E-01	9.9983990E-01	8.0369794E-01		
5.707279E+01	3.4194332E-01	8.7504990E-02	8.9428790E-02	2.8497243E-02
9.9974400E-01	9.9987876E-01	8.1839603E-01		
5.758298E+01	2.5573143E-01	1.1749540E-01	1.6586797E-01	4.9262062E-02
9.9981153E-01	9.9990916E-01	8.3203065E-01		
5.810007E+01	2.1849021E-01	1.5420021E-01	1.8982668E-01	7.7796005E-02
9.9985933E-01	9.9993783E-01	8.4497309E-01		
5.860656E+01	2.1416107E-01	1.9149341E-01	2.1491654E-01	9.5701002E-02
9.9989146E-01	9.9995798E-01	8.5677344E-01		
5.912025E+01	2.2937895E-01	2.2888015E-01	2.3977220E-01	1.1510327E-01
9.9991471E-01	9.9996674E-01	8.6879188E-01		
5.962025E+01	2.5467896E-01	2.6367536E-01	2.6000527E-01	1.3937397E-01
9.9993074E-01	9.9997115E-01	8.8050640E-01		
6.012025E+01	2.8153741E-01	2.9193446E-01	2.7630827E-01	1.6943003E-01
9.9994242E-01	9.9997437E-01	8.9186674E-01		
6.062025E+01	3.0371094E-01	3.1331179E-01	2.9138076E-01	2.0297521E-01
9.9995083E-01	9.9997842E-01	9.0145499E-01		
6.112025E+01	3.2057154E-01	3.3060822E-01	3.0698192E-01	2.3827633E-01
9.9995679E-01	9.9998295E-01	9.0931487E-01		
6.162025E+01	3.3444193E-01	3.4645706E-01	3.2383588E-01	2.7147368E-01
9.9996114E-01	9.9998611E-01	9.1632712E-01		
6.212025E+01	3.4748793E-01	3.6230281E-01	3.4158823E-01	2.9822129E-01
9.9996388E-01	9.9998701E-01	9.2297661E-01		
6.262025E+01	3.6066458E-01	3.7843609E-01	3.5902676E-01	3.1800073E-01
9.9996614E-01	9.9998760E-01	9.2936379E-01		
6.312025E+01	3.7360474E-01	3.9436525E-01	3.7498280E-01	3.3286431E-01
9.9996734E-01	9.9998784E-01	9.3543661E-01		
6.362025E+01	3.8614872E-01	4.0961662E-01	3.8909581E-01	3.4518608E-01
9.9996853E-01	9.9998814E-01	9.4115984E-01		
6.412025E+01	3.9814988E-01	4.2401648E-01	4.0166464E-01	3.5722470E-01
9.9996966E-01	9.9998850E-01	9.4653898E-01		
6.462025E+01	4.0887532E-01	4.3727535E-01	4.1265669E-01	3.6724931E-01
9.9997032E-01	9.9998856E-01	9.5158976E-01		
6.514344E+01	4.1892195E-01	4.4987193E-01	4.2270800E-01	3.7603024E-01
9.9997079E-01	9.9998915E-01	9.5633066E-01		
6.566270E+01	4.2794582E-01	4.6128252E-01	4.3239844E-01	3.8499451E-01
9.9997157E-01	9.9998987E-01	9.6027708E-01		
6.618295E+01	4.3596089E-01	4.7183087E-01	4.4136098E-01	3.9242497E-01
9.9997270E-01	9.9999118E-01	9.6334720E-01		
6.668818E+01	4.4329116E-01	4.8148566E-01	4.5008802E-01	4.0100890E-01
9.9997389E-01	9.9999285E-01	9.6520621E-01		
6.719306E+01	4.4974393E-01	4.9051353E-01	4.5872244E-01	4.1043913E-01
9.9997509E-01	9.9999440E-01	9.6634012E-01		
6.770707E+01	4.5524302E-01	4.9919364E-01	4.6727341E-01	4.4816199E-01
9.9997640E-01	9.9999636E-01	9.6668470E-01		
6.821601E+01	4.6205521E-01	5.1320016E-01	5.1155579E-01	4.4042182E-01
9.9997759E-01	9.9999714E-01	9.6619910E-01		
6.872067E+01	4.7397333E-01	5.3529882E-01	5.2883905E-01	4.4178161E-01
9.9997813E-01	9.9999750E-01	9.6543461E-01		
6.922510E+01	4.9000412E-01	5.5889487E-01	5.2740574E-01	4.4425210E-01
9.9997813E-01	9.9999774E-01	9.6459770E-01		

6.973701E+01	5.0678289E-01	5.6854832E-01	5.2354562E-01	4.4324309E-01
9.9997741E-01	9.9999797E-01	9.6347541E-01		
7.023885E+01	5.1182359E-01	5.6923366E-01	5.1585358E-01	4.4092241E-01
9.9997723E-01	9.9999827E-01	9.5562518E-01		
7.074079E+01	5.1065570E-01	5.6679422E-01	5.1162666E-01	4.4051138E-01
9.9997693E-01	9.9999815E-01	9.1404951E-01		
7.124079E+01	5.1207101E-01	5.6562954E-01	5.1118159E-01	4.4194734E-01
9.9997675E-01	9.9999624E-01	8.6883074E-01		
7.175066E+01	5.1377201E-01	5.6826210E-01	5.1830834E-01	4.4204518E-01
9.9997735E-01	9.9999386E-01	8.5459995E-01		
7.227091E+01	5.1163441E-01	5.6947035E-01	5.0485826E-01	4.2367312E-01
9.9997735E-01	9.9999273E-01	8.5376394E-01		
7.277091E+01	5.0826913E-01	5.6380546E-01	4.8749554E-01	4.1267550E-01
9.9997854E-01	9.9999207E-01	8.5008746E-01		
7.327091E+01	5.0646198E-01	5.5578470E-01	4.7774458E-01	4.0832272E-01
9.9997932E-01	9.9999177E-01	8.4484154E-01		
7.377091E+01	5.0419825E-01	5.4851329E-01	4.7509548E-01	4.1112015E-01
9.9997938E-01	9.9999219E-01	8.3883131E-01		
7.427091E+01	5.0012702E-01	5.4458034E-01	4.8552418E-01	4.2179039E-01
9.9998045E-01	9.9999249E-01	8.3654797E-01		
7.478299E+01	5.0291151E-01	5.4844171E-01	4.9912024E-01	4.2739442E-01
9.9997932E-01	9.9999130E-01	8.4181815E-01		
7.528299E+01	5.0053298E-01	5.4995209E-01	4.8950607E-01	4.2220742E-01
9.9997503E-01	9.9999142E-01	8.4861040E-01		
7.578299E+01	4.9877432E-01	5.4755294E-01	4.8218268E-01	4.2126504E-01
9.9997336E-01	9.9999148E-01	8.3776379E-01		
7.628299E+01	4.9647251E-01	5.4418182E-01	4.7891149E-01	4.2158723E-01
9.9997365E-01	9.9999118E-01	8.2210779E-01		
7.678299E+01	4.9376458E-01	5.4116368E-01	4.7805750E-01	4.2301562E-01
9.9997413E-01	9.9999124E-01	8.1610990E-01		
7.728299E+01	4.9270552E-01	5.3947586E-01	4.7920349E-01	4.2548272E-01
9.9997443E-01	9.9999106E-01	8.1865227E-01		
7.778299E+01	4.9212319E-01	5.3881806E-01	4.8119801E-01	4.2806745E-01
9.9997467E-01	9.9999082E-01	8.2397151E-01		
7.830791E+01	4.9283186E-01	5.3957993E-01	4.8625749E-01	4.3551043E-01
9.9997532E-01	9.9999058E-01	8.2779366E-01		
7.880791E+01	4.9418759E-01	5.4238248E-01	4.9437892E-01	4.4586515E-01
9.9997610E-01	9.9999064E-01	8.3073574E-01		
7.930791E+01	4.9625850E-01	5.4723603E-01	5.0325018E-01	4.5574605E-01
9.9997646E-01	9.9999064E-01	8.3465350E-01		
7.980791E+01	4.9938941E-01	5.5371487E-01	5.1251876E-01	4.6463600E-01
9.9997687E-01	9.9999106E-01	8.3948004E-01		
8.030791E+01	5.0427914E-01	5.6167752E-01	5.2192736E-01	4.7256243E-01
9.9997717E-01	9.9999136E-01	8.4464598E-01		
8.080791E+01	5.0944328E-01	5.7042539E-01	5.3126991E-01	4.7974831E-01
9.9997771E-01	9.9999189E-01	8.4783536E-01		
8.130791E+01	5.1470661E-01	5.7951921E-01	5.4047400E-01	4.8694694E-01
9.9997807E-01	9.9999201E-01	8.4834194E-01		
8.180791E+01	5.2059126E-01	5.8897626E-01	5.4896688E-01	4.8988688E-01
9.9997842E-01	9.9999195E-01	8.4743857E-01		
8.230791E+01	5.2634299E-01	5.9815359E-01	5.5652124E-01	4.9923116E-01
9.9997884E-01	9.9999195E-01	8.4577930E-01		
8.280791E+01	5.3180891E-01	6.0718238E-01	5.6581044E-01	5.0710446E-01
9.9997973E-01	9.9999237E-01	8.4330243E-01		
8.330791E+01	5.3728503E-01	6.1662489E-01	5.7537264E-01	5.0906229E-01
9.9997997E-01	9.9999237E-01	8.4068036E-01		

8.380791E+01	5.4314929E-01	6.2630707E-01	5.8396953E-01	5.0855923E-01
9.9998027E-01	9.9999237E-01	8.3840585E-01		
8.430791E+01	5.4926050E-01	6.3587773E-01	5.9115273E-01	5.0384945E-01
9.9998099E-01	9.9999171E-01	8.3235097E-01		
8.483009E+01	5.5556041E-01	6.4513934E-01	5.9567100E-01	4.9177864E-01
9.9998081E-01	9.9999011E-01	8.2772750E-01		
8.533189E+01	5.6081188E-01	6.5235502E-01	5.9550881E-01	4.7255123E-01
9.9997973E-01	9.9998897E-01	8.2731569E-01		
8.583189E+01	5.6584942E-01	6.5695089E-01	5.8792615E-01	4.5310110E-01
9.9997902E-01	9.9998873E-01	8.2927370E-01		
8.634407E+01	5.7128882E-01	6.5735561E-01	5.6968057E-01	4.3998593E-01
9.9997908E-01	9.9998850E-01	8.3155096E-01		
8.686680E+01	5.7171583E-01	6.4855886E-01	5.4668427E-01	4.3424854E-01
9.9998003E-01	9.9998915E-01	8.3244580E-01		
8.738983E+01	5.6105924E-01	6.2752336E-01	5.1438785E-01	4.3002376E-01
9.9998122E-01	9.9999040E-01	8.3403683E-01		
8.789572E+01	5.4995865E-01	6.0416269E-01	4.9661624E-01	4.2849517E-01
9.9998248E-01	9.9999189E-01	8.3644855E-01		
8.841684E+01	5.3837961E-01	5.8613849E-01	4.9267086E-01	4.3379343E-01
9.9998355E-01	9.9999243E-01	8.3140802E-01		
8.892328E+01	5.2852052E-01	5.7367903E-01	5.2410066E-01	4.4255912E-01
9.9998909E-01	9.9770725E-01	8.2568896E-01		
8.943372E+01	5.2085096E-01	5.7799572E-01	5.3907156E-01	4.4935438E-01
9.9999022E-01	9.9998277E-01	8.5419518E-01		
8.995622E+01	5.1991284E-01	5.8329499E-01	5.2341509E-01	4.4120327E-01
9.9999082E-01	9.9999571E-01	8.6156052E-01		
9.045622E+01	5.2035820E-01	5.7919097E-01	5.0419980E-01	4.3562207E-01
9.9999285E-01	9.9999678E-01	8.5522616E-01		
9.096755E+01	5.1645243E-01	5.6907618E-01	4.9250475E-01	4.3281910E-01
9.9999481E-01	9.9999756E-01	8.5184860E-01		
9.146755E+01	5.1286548E-01	5.6151307E-01	4.9180642E-01	4.3902615E-01
9.9999624E-01	9.9999821E-01	8.5192943E-01		
9.196755E+01	5.0785351E-01	5.5627412E-01	4.9530545E-01	4.4339815E-01
9.9999732E-01	9.9999845E-01	8.5428292E-01		
9.248622E+01	5.0424075E-01	5.5478662E-01	5.0092274E-01	4.4904482E-01
9.9999744E-01	9.9999839E-01	8.5747266E-01		
9.299437E+01	5.0329006E-01	5.5591702E-01	5.0568312E-01	4.5139271E-01
9.9999744E-01	9.9999827E-01	8.6158180E-01		
9.350123E+01	5.0528604E-01	5.5878860E-01	5.0889874E-01	4.4840670E-01
9.9999744E-01	9.9999809E-01	8.6835873E-01		
9.401919E+01	5.0609517E-01	5.5975538E-01	5.0616181E-01	4.4357359E-01
9.9999744E-01	9.9999803E-01	8.7849748E-01		
9.453943E+01	5.1104766E-01	5.6327397E-01	5.1416576E-01	4.5742798E-01
9.9999762E-01	9.9999839E-01	8.9142841E-01		
9.504118E+01	5.1208222E-01	5.7258588E-01	5.5964220E-01	4.6356010E-01
9.9999863E-01	9.9999887E-01	9.0131098E-01		
9.554896E+01	5.1629001E-01	5.8710152E-01	5.5713385E-01	4.8413816E-01
9.9999899E-01	9.9999905E-01	9.0630144E-01		
9.604896E+01	5.2714562E-01	5.9877962E-01	5.5803639E-01	4.8728070E-01
9.9999899E-01	9.9999905E-01	9.0964788E-01		
9.654896E+01	5.3454584E-01	6.0823947E-01	5.6126171E-01	4.8640633E-01
9.9999905E-01	9.9999905E-01	9.1295040E-01		
9.706335E+01	5.3862160E-01	6.1343825E-01	5.5350649E-01	4.6037355E-01
9.9999905E-01	9.9999899E-01	9.1814345E-01		
9.758144E+01	5.4268944E-01	6.1408389E-01	5.4231387E-01	4.5565218E-01
9.9999905E-01	9.9999899E-01	9.2340034E-01		

9.808710E+01	5.4483491E-01	6.1184990E-01	5.3856426E-01	4.6276358E-01
9.9999905E-01	9.9999899E-01	9.2754906E-01		
9.859486E+01	5.4243124E-01	6.0753578E-01	5.3365833E-01	4.7257537E-01
9.9999905E-01	9.9999899E-01	9.3131632E-01		
9.910259E+01	5.3761953E-01	6.0186607E-01	5.3610903E-01	5.0594461E-01
9.9999905E-01	9.9999893E-01	9.3492615E-01		
9.960883E+01	5.3145719E-01	6.0029322E-01	5.5126637E-01	5.2476448E-01
9.9999905E-01	9.9999881E-01	9.3832701E-01		
1.050470E+02	5.7487208E-01	6.6544086E-01	5.9871465E-01	4.8396963E-01
9.9999934E-01	9.9999917E-01	9.3775761E-01		
1.100490E+02	5.0144470E-01	5.3105110E-01	4.7676572E-01	4.1676402E-01
9.9999940E-01	9.9999976E-01	9.4114965E-01		
1.150536E+02	5.0305200E-01	5.4306948E-01	4.9585316E-01	4.4412526E-01
9.9999964E-01	9.9999988E-01	9.5155460E-01		
1.200844E+02	5.0541776E-01	5.5262649E-01	5.0743109E-01	4.5622343E-01
9.9999994E-01	1.0000000E+00	9.6048403E-01		
1.251066E+02	5.2690423E-01	5.7600093E-01	5.3570819E-01	4.7708803E-01
9.9999994E-01	1.0000000E+00	9.5987678E-01		
1.301141E+02	5.2381217E-01	5.7202131E-01	5.2246648E-01	4.7065583E-01
9.9999994E-01	1.0000000E+00	9.6262699E-01		
1.351283E+02	5.3257585E-01	5.9704947E-01	5.4523474E-01	4.7471040E-01
9.9999994E-01	1.0000000E+00	9.5944595E-01		
1.401329E+02	5.3997993E-01	6.1919731E-01	5.7690233E-01	4.7616112E-01
9.9999994E-01	1.0000000E+00	9.5977545E-01		
1.451352E+02	5.4258680E-01	6.2917113E-01	5.7403415E-01	4.8459658E-01
9.9999994E-01	1.0000000E+00	9.5989078E-01		
1.501399E+02	5.2930135E-01	5.8010715E-01	5.1459259E-01	4.5960757E-01
9.9999994E-01	1.0000000E+00	9.6712369E-01		
1.551709E+02	5.0372910E-01	5.4842365E-01	5.0286895E-01	4.5146847E-01
9.9999994E-01	1.0000000E+00	9.7376341E-01		
1.602165E+02	5.0323302E-01	5.5274540E-01	5.0675797E-01	4.5069322E-01
9.9999994E-01	1.0000000E+00	9.7832620E-01		
1.652350E+02	5.0666028E-01	5.6456977E-01	5.1650488E-01	4.5201048E-01
9.9999994E-01	1.0000000E+00	9.7831225E-01		
1.702598E+02	5.1476431E-01	5.8161110E-01	5.2850378E-01	4.5964092E-01
9.9999994E-01	1.0000000E+00	9.7752303E-01		
1.752735E+02	5.1052165E-01	5.5289561E-01	5.1963842E-01	4.5652521E-01
9.9999994E-01	1.0000000E+00	9.8149806E-01		
1.802951E+02	5.0167435E-01	5.4843014E-01	4.9977767E-01	4.4598058E-01
9.9999994E-01	1.0000000E+00	9.8242933E-01		
1.853119E+02	5.1686651E-01	5.8409238E-01	5.3199786E-01	4.6654931E-01
9.9999994E-01	1.0000000E+00	9.8253888E-01		
1.903279E+02	5.1171875E-01	5.7649720E-01	5.3211796E-01	5.0511318E-01
9.9999994E-01	1.0000000E+00	9.8353535E-01		
1.953564E+02	5.1736766E-01	5.9106004E-01	5.4665291E-01	4.5564955E-01
9.9999994E-01	1.0000000E+00	9.8396879E-01		
2.003570E+02	5.1454228E-01	5.8266962E-01	5.3318876E-01	4.5831117E-01
9.9999994E-01	1.0000000E+00	9.8525780E-01		
2.053755E+02	5.2362216E-01	5.9759915E-01	5.4367101E-01	4.6087557E-01
9.9999994E-01	1.0000000E+00	9.8385304E-01		
2.104183E+02	4.8463511E-01	5.2391517E-01	4.7215560E-01	4.1651690E-01
9.9999994E-01	1.0000000E+00	9.8708916E-01		
2.154335E+02	5.1012224E-01	5.7017076E-01	5.1850402E-01	4.5706204E-01
9.9999994E-01	1.0000000E+00	9.8628253E-01		
2.204606E+02	4.8387119E-01	5.3830081E-01	4.9972606E-01	4.5104614E-01
9.9999994E-01	1.0000000E+00	9.8877484E-01		

2.254792E+02	4.8389080E-01	5.2648014E-01	4.7541267E-01	4.2391679E-01
9.9999994E-01	1.0000000E+00	9.8816723E-01		
2.304864E+02	4.9141937E-01	5.2446306E-01	4.6747881E-01	3.8785660E-01
9.9999994E-01	1.0000000E+00	9.8717999E-01		
2.354968E+02	5.0471950E-01	5.4308408E-01	5.0502843E-01	4.2218935E-01
9.9999994E-01	1.0000000E+00	9.8695743E-01		
2.404991E+02	4.7937804E-01	5.2973509E-01	4.7236425E-01	4.4690099E-01
9.9999994E-01	1.0000000E+00	9.8921335E-01		
2.455048E+02	4.5619079E-01	5.0322652E-01	4.5648226E-01	3.9786392E-01
9.9999994E-01	1.0000000E+00	9.8950934E-01		
2.505233E+02	4.5632216E-01	5.3253251E-01	4.7845250E-01	4.1604900E-01
9.9999994E-01	1.0000000E+00	9.8776120E-01		
2.555298E+02	4.5140287E-01	5.2027208E-01	5.3744030E-01	3.7839386E-01
9.9999994E-01	1.0000000E+00	9.8986071E-01		
2.605788E+02	4.8510024E-01	5.2294046E-01	4.5743164E-01	3.7908584E-01
9.9999994E-01	1.0000000E+00	9.8950076E-01		
2.656043E+02	4.5606017E-01	5.0589007E-01	4.5889175E-01	4.3459606E-01
9.9999994E-01	1.0000000E+00	9.9048674E-01		
2.706539E+02	4.3551606E-01	4.8846674E-01	4.4743273E-01	3.9581472E-01
9.9999994E-01	1.0000000E+00	9.9099112E-01		
2.756957E+02	4.4584662E-01	4.9149963E-01	4.2836818E-01	3.3827421E-01
9.9999994E-01	1.0000000E+00	9.9066591E-01		
2.807159E+02	4.9734426E-01	4.9805120E-01	4.5518160E-01	3.2632440E-01
9.9999994E-01	1.0000000E+00	9.9156755E-01		
2.857581E+02	4.6894145E-01	5.0519758E-01	4.6659425E-01	3.6288503E-01
9.9999994E-01	1.0000000E+00	9.9196821E-01		
2.907736E+02	4.1551989E-01	4.7414902E-01	4.3965250E-01	3.8702413E-01
9.9999994E-01	1.0000000E+00	9.9235255E-01		
2.957799E+02	3.9894420E-01	4.5345542E-01	4.1534781E-01	3.1701535E-01
9.9999994E-01	1.0000000E+00	9.9297738E-01		
3.007857E+02	4.5290834E-01	4.7392669E-01	4.5612425E-01	3.3368912E-01
9.9999994E-01	1.0000000E+00	9.9299359E-01		
3.058138E+02	4.0904376E-01	4.4774055E-01	3.7570754E-01	3.2611251E-01
9.9999994E-01	1.0000000E+00	9.9391621E-01		
3.108138E+02	4.3396190E-01	4.6361065E-01	4.5729727E-01	3.2258356E-01
9.9999994E-01	1.0000000E+00	9.9394500E-01		
3.158304E+02	4.4920450E-01	4.6898764E-01	4.1306588E-01	4.7210118E-01
9.9999994E-01	1.0000000E+00	9.9500281E-01		
3.208480E+02	5.0052029E-01	5.2136385E-01	4.7031638E-01	4.7556472E-01
9.9999994E-01	1.0000000E+00	9.9505478E-01		
3.258746E+02	3.6949259E-01	5.3858733E-01	4.7707728E-01	3.7534022E-01
9.9999994E-01	1.0000000E+00	9.9557310E-01		
3.308900E+02	3.4400469E-01	4.8903963E-01	4.4189271E-01	3.4964210E-01
9.9999994E-01	1.0000000E+00	9.9553651E-01		
3.358961E+02	2.6519001E-01	4.2182162E-01	4.1793185E-01	3.1718928E-01
9.9999994E-01	1.0000000E+00	9.9575871E-01		
3.409074E+02	9.8713648E-01	5.5630636E-01	1.9438288E-04	3.6926807E-03
9.9999994E-01	1.0000000E+00	9.9598926E-01		
3.459233E+02	9.8738587E-01	4.3519762E-01	1.5887261E-03	1.0832120E-01
9.9999994E-01	1.0000000E+00	9.9601036E-01		
3.509260E+02	9.8730391E-01	2.4873829E-01	1.0046524E-03	3.0164678E-02
9.9999994E-01	1.0000000E+00	9.9609828E-01		
3.559283E+02	9.8705137E-01	2.4011742E-01	0.0000000E+00	1.6885259E-03
9.9999994E-01	1.0000000E+00	9.9605548E-01		
3.609366E+02	9.8674375E-01	2.2198138E-01	1.3347330E-02	2.9797569E-01
9.9999994E-01	1.0000000E+00	9.9618214E-01		

3.659482E+02	9.8628777E-01	1.2360161E-01	5.1226549E-02	1.0919879E-01
9.9999994E-01	1.0000000E+00	9.9621797E-01		
3.709486E+02	9.6369046E-01	3.9588179E-02	6.5515756E-06	7.8502594E-04
9.9999994E-01	1.0000000E+00	9.9635726E-01		
3.759580E+02	9.8686665E-01	0.0000000E+00	0.0000000E+00	3.7322447E-04
9.9999994E-01	1.0000000E+00	9.9636173E-01		
3.809612E+02	7.5220096E-01	0.0000000E+00	0.0000000E+00	2.3133188E-04
9.9999994E-01	1.0000000E+00	9.9646276E-01		
3.859788E+02	6.9696468E-01	0.0000000E+00	0.0000000E+00	1.6528074E-04
9.9999994E-01	1.0000000E+00	9.9663019E-01		
3.910090E+02	6.2904698E-01	0.0000000E+00	0.0000000E+00	1.2074986E-01
9.9999994E-01	1.0000000E+00	9.9691212E-01		
3.960181E+02	6.2215006E-01	0.0000000E+00	0.0000000E+00	2.9315776E-01
9.9999994E-01	1.0000000E+00	9.9694949E-01		
4.010229E+02	6.6917270E-01	0.0000000E+00	0.0000000E+00	1.6120850E-04
9.9999988E-01	9.9999994E-01	9.9699199E-01		
4.060714E+02	5.6396711E-01	0.0000000E+00	0.0000000E+00	9.9639648E-05
9.9999988E-01	9.9999994E-01	9.9703658E-01		
4.111179E+02	5.1087105E-01	0.0000000E+00	0.0000000E+00	1.9795823E-04
9.9999988E-01	9.9999994E-01	9.9711251E-01		
4.161518E+02	3.0394056E-01	0.0000000E+00	2.3644544E-02	3.9520621E-01
9.9999988E-01	9.9999994E-01	9.9716997E-01		
4.211620E+02	2.5673470E-01	0.0000000E+00	6.0234619E-03	2.9463723E-01
9.9999988E-01	9.9999994E-01	9.9715316E-01		
4.261913E+02	1.9069180E-01	0.0000000E+00	0.0000000E+00	1.5841010E-04
9.9999988E-01	9.9999994E-01	9.9701357E-01		
4.311930E+02	3.1402484E-02	0.0000000E+00	0.0000000E+00	8.1782498E-05
9.9999988E-01	9.9999994E-01	9.9678963E-01		
4.361968E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	8.8114037E-05
9.9999988E-01	9.9999994E-01	9.9645787E-01		
4.412443E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	5.5915498E-05
9.9999988E-01	9.9999994E-01	9.9586314E-01		
4.462449E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	4.0701518E-05
9.9999988E-01	9.9999994E-01	9.9537122E-01		
4.512502E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	4.4032149E-05
9.9999988E-01	9.9999994E-01	9.9469781E-01		
4.562851E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	4.8756781E-05
9.9999988E-01	9.9999994E-01	9.9457186E-01		
4.613121E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	3.9629715E-05
9.9999988E-01	9.9999994E-01	9.9439722E-01		
4.663397E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	2.5324802E-05
9.9999988E-01	9.9999994E-01	9.9447709E-01		
4.713776E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	2.4907598E-05
9.9999988E-01	9.9999994E-01	9.9519610E-01		
4.763856E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	2.1820630E-05
9.9999988E-01	9.9999994E-01	9.9482667E-01		
4.814128E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	4.1494317E-05
9.9999988E-01	9.9999994E-01	9.9478924E-01		
4.864223E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	1.7570395E-05
9.9999988E-01	9.9999994E-01	9.9583811E-01		
4.914722E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	2.5492682E-05
9.9999988E-01	9.9999994E-01	9.9604040E-01		
4.964919E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	2.6647838E-05
9.9999988E-01	9.9999994E-01	9.9617189E-01		
5.015259E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	1.3349109E-05
9.9999988E-01	1.0000000E+00	9.9675417E-01		

5.065450E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	2.4125329E-05
9.9999988E-01	1.0000000E+00	9.9686521E-01		
5.115457E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	2.6759233E-05
9.9999988E-01	1.0000000E+00	9.9545640E-01		
5.165457E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	2.3974542E-05
9.9999988E-01	1.0000000E+00	9.9454242E-01		
5.215463E+02	0.0000000E+00	0.0000000E+00	0.0000000E+00	2.7350648E-05
9.9999988E-01	1.0000000E+00	9.9392831E-01		
5.265685E+02	5.3325300E-07	0.0000000E+00	0.0000000E+00	6.6632441E-05
9.9999988E-01	1.0000000E+00	9.9355215E-01		
5.316183E+02	1.3268790E-05	3.1406157E-07	0.0000000E+00	2.1043012E-05
9.9999988E-01	1.0000000E+00	9.9354219E-01		
5.366320E+02	1.5029555E-05	3.8931984E-07	0.0000000E+00	1.9204228E-05
9.9999988E-01	1.0000000E+00	9.9418563E-01		
5.416345E+02	1.6329623E-05	4.2497527E-07	0.0000000E+00	1.1458400E-05
9.9999988E-01	1.0000000E+00	9.9454212E-01		
5.466345E+02	1.8251874E-05	7.4889817E-07	0.0000000E+00	2.3507910E-05
9.9999988E-01	1.0000000E+00	9.9515831E-01		
5.516580E+02	1.9087942E-05	1.1925166E-05	2.5813927E-07	3.4602810E-05
9.9999988E-01	1.0000000E+00	9.9464834E-01		
5.566583E+02	1.9397237E-05	1.3700920E-05	1.5250653E-07	1.7482083E-05
9.9999988E-01	1.0000000E+00	9.9467152E-01		
5.616711E+02	1.9059067E-05	1.4698166E-05	4.9718449E-07	1.8549417E-05
9.9999988E-01	1.0000000E+00	9.9441093E-01		
5.666711E+02	1.8918388E-05	1.5629807E-05	1.1296078E-05	3.9555332E-05
9.9999988E-01	1.0000000E+00	9.9433821E-01		
5.717148E+02	1.8841532E-05	1.6124735E-05	1.2434423E-05	2.6857786E-05
9.9999988E-01	1.0000000E+00	9.9381769E-01		
5.767209E+02	1.9215635E-05	1.6745549E-05	1.3433015E-05	2.2374992E-05
9.9999988E-01	1.0000000E+00	9.9450421E-01		
5.817575E+02	1.9460969E-05	1.7042827E-05	1.4128380E-05	2.9199629E-05
9.9999988E-01	1.0000000E+00	9.9435264E-01		
5.867994E+02	1.8351491E-05	1.6679582E-05	1.4185275E-05	1.7587636E-05
9.9999988E-01	1.0000000E+00	9.9467796E-01		
5.918351E+02	1.7313660E-05	1.6279728E-05	1.3819385E-05	1.2887690E-05
9.9999988E-01	1.0000000E+00	9.9437332E-01		
5.968547E+02	1.5397509E-05	1.6032021E-05	1.3239192E-05	2.0132427E-05
9.9999988E-01	1.0000000E+00	9.9504083E-01		
6.018547E+02	1.6806140E-05	1.5990594E-05	1.3939908E-05	1.4336364E-05
9.9999988E-01	1.0000000E+00	9.9414569E-01		
6.068926E+02	1.5975045E-05	1.5781892E-05	1.3515960E-05	4.3182321E-05
9.9999988E-01	1.0000000E+00	9.9495989E-01		
6.119015E+02	1.7821028E-05	1.6223930E-05	1.4347179E-05	3.5531742E-05
9.9999988E-01	1.0000000E+00	9.9477524E-01		
6.169453E+02	1.5551974E-05	1.5467876E-05	1.3212207E-05	1.4379344E-05
9.9999988E-01	1.0000000E+00	9.9492437E-01		
6.219643E+02	1.7605771E-05	1.5950769E-05	1.4014994E-05	4.2539406E-05
9.9999988E-01	1.0000000E+00	9.9539280E-01		
6.269753E+02	1.9132600E-05	1.6397347E-05	1.4745266E-05	2.3917561E-05
9.9999988E-01	1.0000000E+00	9.9543214E-01		
6.319825E+02	1.8278322E-05	1.6376865E-05	1.4499616E-05	1.4997623E-05
9.9999988E-01	1.0000000E+00	9.9495816E-01		
6.369911E+02	1.8874711E-05	1.6765653E-05	1.4826308E-05	2.2821159E-05
9.9999988E-01	1.0000000E+00	9.9503446E-01		
6.420153E+02	1.9317175E-05	1.7202472E-05	1.5213939E-05	1.9300323E-05
9.9999988E-01	1.0000000E+00	9.9497324E-01		

6.470455E+02	1.8690069E-05	1.6885298E-05	1.4974222E-05	1.8177847E-05
9.9999988E-01	1.0000000E+00	9.9435222E-01		
6.520916E+02	1.7881264E-05	1.6503387E-05	1.4742740E-05	1.8073597E-05
9.9999988E-01	1.0000000E+00	9.9444509E-01		
6.571367E+02	1.9031217E-05	1.7352631E-05	1.5598107E-05	1.5991511E-05
9.9999988E-01	1.0000000E+00	9.9497539E-01		
6.621520E+02	1.8848508E-05	1.7624545E-05	1.5882555E-05	1.8568473E-05
9.9999988E-01	1.0000000E+00	9.9475592E-01		
6.671806E+02	1.8607912E-05	1.7377562E-05	1.5871847E-05	1.6531038E-05
9.9999988E-01	9.9999994E-01	9.9464929E-01		
6.722262E+02	1.9449441E-05	1.7730707E-05	1.6238640E-05	1.7083177E-05
9.9999988E-01	9.9999994E-01	9.9551785E-01		
6.772686E+02	1.9480773E-05	1.8374287E-05	1.6640737E-05	2.8454902E-05
9.9999988E-01	9.9999994E-01	9.9489212E-01		
6.822707E+02	1.9980385E-05	1.8554820E-05	1.6986885E-05	1.9802077E-05
9.9999982E-01	9.9999994E-01	9.9445403E-01		
6.872923E+02	2.0141968E-05	1.8972782E-05	1.7411508E-05	1.6255473E-05
9.9999982E-01	9.9999994E-01	9.9449933E-01		
6.922954E+02	1.9080853E-05	1.8530483E-05	1.7083597E-05	1.7044777E-05
9.9999982E-01	9.9999994E-01	9.9456763E-01		
6.973051E+02	1.9780740E-05	1.8717212E-05	1.7276403E-05	2.3953447E-05
9.9999982E-01	9.9999994E-01	9.9409920E-01		
7.023073E+02	2.0387035E-05	1.8686576E-05	1.7349274E-05	1.7107428E-05
9.9999982E-01	9.9999994E-01	9.9434006E-01		
7.073430E+02	1.9788808E-05	1.8620498E-05	1.7240358E-05	2.1926633E-05
9.9999982E-01	9.9999994E-01	9.9505627E-01		
7.123453E+02	2.0261137E-05	1.8499453E-05	1.7195582E-05	1.8666682E-05
9.9999970E-01	9.9999988E-01	9.9502385E-01		
7.173482E+02	2.1957969E-05	1.9501696E-05	1.7832101E-05	2.0873615E-05
9.9999970E-01	9.9999988E-01	9.9551272E-01		
7.223600E+02	1.9890416E-05	1.9591424E-05	1.7580945E-05	1.7678634E-05
9.9999970E-01	9.9999988E-01	9.9459147E-01		
7.273726E+02	2.1660917E-05	1.9899686E-05	1.8399316E-05	1.9504210E-05
9.9999970E-01	9.9999988E-01	9.9524462E-01		
7.324192E+02	2.0885656E-05	1.9877347E-05	1.8252940E-05	1.8324967E-05
9.9999970E-01	9.9999988E-01	9.9453115E-01		
7.374575E+02	2.1021277E-05	1.9891528E-05	1.8513309E-05	1.9221556E-05
9.9999970E-01	9.9999988E-01	9.9465865E-01		
7.424575E+02	2.1417945E-05	2.0102085E-05	1.8734037E-05	1.8291392E-05
9.9999970E-01	9.9999988E-01	9.9429691E-01		
7.474720E+02	2.0122648E-05	2.0002928E-05	1.8509541E-05	1.7769462E-05
9.9999970E-01	9.9999988E-01	9.9522901E-01		
7.524910E+02	2.0552741E-05	1.9862431E-05	1.8556206E-05	1.7987646E-05
9.9999970E-01	9.9999988E-01	9.9473709E-01		
7.575264E+02	2.0707081E-05	2.0073299E-05	1.8928791E-05	2.6394162E-05
9.9999970E-01	9.9999988E-01	9.9548268E-01		
7.625316E+02	2.0075895E-05	1.9955321E-05	1.8778632E-05	1.7863060E-05
9.9999970E-01	9.9999988E-01	9.9568397E-01		
7.675541E+02	1.9693176E-05	1.9778845E-05	1.8631181E-05	1.8370691E-05
9.9999970E-01	9.9999988E-01	9.4326794E-01		
7.725990E+02	1.8803434E-05	1.9494993E-05	1.7991797E-05	1.8722183E-05
9.9999970E-01	9.9999988E-01	9.2307067E-01		
7.776382E+02	1.7951170E-05	1.9003723E-05	1.7012069E-05	1.3681733E-05
9.9999970E-01	9.9999988E-01	8.8879985E-01		
7.826681E+02	1.7912882E-05	1.8585913E-05	1.6838783E-05	1.6044049E-05
9.9999970E-01	9.9999994E-01	8.6308384E-01		

7.876682E+02	1.7446480E-05	1.8666704E-05	1.6414895E-05	1.3638179E-05
9.9999970E-01	9.9999994E-01	8.4025282E-01		
7.927143E+02	1.8995410E-05	1.8209130E-05	1.7033743E-05	1.6417620E-05
9.9999970E-01	9.9999994E-01	8.4847546E-01		
7.977427E+02	1.8271530E-05	1.8250437E-05	1.6581151E-05	1.9266750E-05
9.9999970E-01	9.9999994E-01	8.0413532E-01		
8.027863E+02	1.8465546E-05	1.8116285E-05	1.6751530E-05	1.5507094E-05
9.9999970E-01	9.9999994E-01	7.8435743E-01		
8.077863E+02	1.7435279E-05	1.7900336E-05	1.6121418E-05	1.3283046E-05
9.9999970E-01	9.9999994E-01	7.6573753E-01		
8.128088E+02	1.6462329E-05	1.7375278E-05	1.4572437E-05	1.1716701E-05
9.9999970E-01	9.9999994E-01	7.2085780E-01		
8.178396E+02	1.6733644E-05	1.6908019E-05	1.5036502E-05	1.7295488E-05
9.9999970E-01	9.9999994E-01	7.2295517E-01		
8.228683E+02	1.4386955E-05	1.5623220E-05	1.1838887E-05	1.3769002E-07
9.9999970E-01	9.9999994E-01	6.3525093E-01		
8.279000E+02	1.5339741E-05	1.4882950E-05	1.2696652E-05	1.1928220E-05
9.9999970E-01	9.9999994E-01	6.8291134E-01		
8.329000E+02	1.5145757E-05	1.4935699E-05	1.2951140E-05	9.6318772E-06
9.9999970E-01	9.9999988E-01	6.5442479E-01		
8.379267E+02	1.2961445E-05	1.3680638E-05	1.0294387E-05	1.0324291E-05
9.9999970E-01	9.9999988E-01	5.5822939E-01		
8.429336E+02	1.1814277E-05	1.1922019E-05	5.9337407E-07	0.0000000E+00
9.9999970E-01	9.9999988E-01	4.5465529E-01		
8.479440E+02	1.1394891E-05	2.7599956E-06	2.8176456E-07	5.5568428E-08
9.9852484E-01	9.9957764E-01	3.0205712E-01		
8.529523E+02	1.5157287E-05	1.2864576E-05	1.0688959E-05	1.0323965E-05
9.9935675E-01	9.9975681E-01	3.8520217E-01		
8.579803E+02	1.7521601E-05	1.4967309E-05	1.3056667E-05	1.2537662E-05
9.9999350E-01	9.9999774E-01	4.8451129E-01		
8.630277E+02	1.7154875E-05	1.5165169E-05	1.3241846E-05	1.2281808E-05
9.9999958E-01	9.9999982E-01	4.0708750E-01		
8.680298E+02	1.6571870E-05	1.5034116E-05	1.3106637E-05	1.2100373E-05
9.9999958E-01	9.9999982E-01	3.6818874E-01		
8.730469E+02	1.7088567E-05	1.5438061E-05	1.3502231E-05	1.2652991E-05
9.9999958E-01	9.9999982E-01	3.4185877E-01		
8.780671E+02	1.5552461E-05	1.5064321E-05	1.2678009E-05	1.0850938E-05
9.9999958E-01	9.9999982E-01	3.2301027E-01		
8.830836E+02	1.5483523E-05	1.4862459E-05	1.2697847E-05	1.0211993E-05
9.9999958E-01	9.9999982E-01	2.8529319E-01		
8.881301E+02	1.5933279E-05	1.4756238E-05	1.2904476E-05	1.2070636E-05
9.9999958E-01	9.9999982E-01	2.8181788E-01		
8.931561E+02	1.4809116E-05	1.4629156E-05	1.2320565E-05	4.0577006E-06
9.9999958E-01	9.9999988E-01	2.4182400E-01		
8.981845E+02	1.3791667E-05	1.3775149E-05	1.0210700E-05	0.0000000E+00
9.9999958E-01	9.9999988E-01	1.8183991E-01		
9.032300E+02	1.4570416E-05	1.3810582E-05	1.1460722E-05	1.0763534E-05
9.9999958E-01	9.9999988E-01	2.1052592E-01		
9.082662E+02	1.3542076E-05	1.3410069E-05	1.1021656E-05	4.4349672E-06
9.9999958E-01	9.9999988E-01	1.4535071E-01		
9.133143E+02	1.2253110E-05	1.2641543E-05	5.0538534E-07	0.0000000E+00
9.9999958E-01	9.9999988E-01	7.9449289E-02		
9.183594E+02	1.2111416E-05	1.2327849E-05	4.4239520E-08	0.0000000E+00
9.9999958E-01	9.9999988E-01	6.0570929E-02		
9.233762E+02	1.2610587E-05	1.1944204E-05	5.1737806E-07	0.0000000E+00
9.9999958E-01	9.9999934E-01	1.2171624E-01		

9.283935E+02 1.3947394E-05 1.2275996E-05 1.0707327E-05 8.2297383E-06
9.9999958E-01 9.9999988E-01 7.4793190E-02
9.334008E+02 1.3734027E-05 1.2185452E-05 1.0612232E-05 2.4703395E-06
9.9999022E-01 2.4920508E-01 2.4221404E-02
9.384365E+02 1.6172848E-05 1.3735503E-05 1.1875953E-05 1.1365298E-05
9.7875834E-01 2.8475866E-01 4.4539549E-05
9.434605E+02 1.8306217E-05 1.6085271E-05 1.4510594E-05 1.3815092E-05
9.9547911E-01 7.7063024E-01 2.6534963E-03
9.484623E+02 1.8787718E-05 1.6632843E-05 1.5030700E-05 1.4835695E-05
9.9748683E-01 2.1438803E-01 2.1178192E-02
9.534870E+02 1.7073266E-05 1.6840171E-05 1.4863519E-05 1.2737769E-05
9.9995100E-01 1.2545024E-01 1.6395105E-02
9.585121E+02 1.8290277E-05 1.7020586E-05 1.5308909E-05 1.4656322E-05
9.9999833E-01 2.8451467E-01 3.1229248E-02
9.635247E+02 1.5866677E-05 1.6597975E-05 1.3281717E-05 8.4785861E-06
9.9999821E-01 1.1391123E-01 1.6529735E-02
9.685247E+02 1.6417929E-05 1.6218664E-05 1.3552182E-05 1.2251121E-05
9.9999881E-01 2.8674966E-01 1.2915809E-02
9.735247E+02 1.5876636E-05 1.5640409E-05 1.2075390E-05 8.2097181E-08
9.9999905E-01 1.9249932E-01 6.5920730E-03
9.785247E+02 1.5994450E-05 1.5520249E-05 1.2593822E-05 1.0802661E-05
9.9999905E-01 2.9159701E-01 7.2702304E-03
9.835706E+02 1.5666781E-05 1.5269023E-05 1.1781780E-05 2.5064563E-07
9.9997938E-01 2.2932377E-01 5.2044624E-03
9.885706E+02 1.5603016E-05 1.5192413E-05 1.2023321E-05 2.3598086E-06
9.9999899E-01 2.6699948E-01 2.8884341E-03
9.935714E+02 1.5473091E-05 1.5124184E-05 1.2282180E-05 1.0626293E-05
9.9999875E-01 3.7179655E-01 1.6991192E-03
9.986208E+02 1.5510235E-05 1.5194258E-05 1.2418999E-05 1.1009043E-05
9.9999911E-01 2.3011076E-01 5.8847289E-03
1.003653E+03 1.4289470E-05 1.4669266E-05 1.1074567E-05 1.4058907E-07
9.9998754E-01 1.7987481E-01 8.2549853E-03
1.008698E+03 1.4273658E-05 1.4444310E-05 1.1419464E-05 2.8588684E-06
9.9969608E-01 3.5132629E-01 4.8697777E-03
1.013703E+03 1.3486529E-05 1.3550653E-05 1.0283748E-05 3.9693799E-07
9.9980968E-01 2.4286680E-01 8.8655634E-04
1.018708E+03 1.3603159E-05 1.3439745E-05 1.0627086E-05 1.1659455E-06
9.9999791E-01 2.7915555E-01 3.0817429E-03
1.023737E+03 1.3835772E-05 1.3377682E-05 1.1015693E-05 2.2827278E-06
9.9984854E-01 2.3601684E-01 1.0794850E-02
1.028787E+03 1.1876603E-05 1.2389583E-05 2.4461733E-07 0.0000000E+00
9.9999821E-01 1.9103129E-01 1.9396982E-03
1.033812E+03 1.2098413E-05 1.2337994E-05 3.9650899E-07 0.0000000E+00
9.9999917E-01 2.0446727E-01 1.0476762E-03
1.038826E+03 1.1599761E-05 1.1706372E-05 1.3685518E-07 0.0000000E+00
9.9999928E-01 1.4125031E-01 4.7023263E-04
1.043868E+03 1.1952922E-05 1.1817922E-05 3.2041878E-08 0.0000000E+00
9.9999934E-01 1.6457495E-01 8.1329735E-04
1.048868E+03 1.1656194E-05 1.1569051E-05 4.4356480E-07 0.0000000E+00
9.9999696E-01 1.4119245E-02 1.5828670E-03
1.053917E+03 1.4315740E-05 1.2395236E-05 1.0669003E-05 8.9675150E-06
9.0539432E-01 4.2490885E-01 1.3928713E-04
1.058917E+03 1.5550360E-05 1.3449429E-05 1.1640894E-05 1.1269698E-05
9.2330432E-01 4.7041026E-01 2.7562429E-03
1.063917E+03 1.6575084E-05 1.4260672E-05 1.2454676E-05 1.1834571E-05
8.9200336E-01 4.0533599E-01 2.1247019E-05

1.068917E+03	1.7732558E-05	1.5401291E-05	1.3650154E-05	1.3074640E-05
8.6283439E-01	4.3259671E-01	2.3750188E-04		
1.073917E+03	1.7829490E-05	1.6310874E-05	1.4712921E-05	1.4121703E-05
9.2936474E-01	2.1518907E-01	8.9282641E-04		
1.078917E+03	1.6767393E-05	1.6149139E-05	1.4950955E-05	1.4649660E-05
9.9033952E-01	1.8979383E-01	3.8179049E-05		
1.083917E+03	1.5982911E-05	1.5795984E-05	1.5044055E-05	1.4581881E-05
9.8980206E-01	8.7495528E-02	2.9243876E-05		
1.088917E+03	1.5272344E-05	1.5241908E-05	1.4741678E-05	1.4338465E-05
9.8828524E-01	1.3380925E-01	7.3943214E-05		
1.093917E+03	1.4151152E-05	1.4876297E-05	1.4476208E-05	1.4163103E-05
9.9032545E-01	9.0243392E-02	1.6824012E-04		
1.098959E+03	1.3975098E-05	1.4686129E-05	1.4433883E-05	1.4042215E-05
8.7810433E-01	4.7341329E-01	3.0769203E-03		
1.103988E+03	1.3860732E-05	1.4053327E-05	1.3871625E-05	1.3626823E-05
7.6558727E-01	4.4072402E-01	5.0407522E-03		
1.108988E+03	1.2360043E-05	1.3199443E-05	1.3021900E-05	1.2711097E-05
8.7020326E-01	4.6368110E-01	3.6929606E-03		
1.113988E+03	1.1282684E-05	1.2393405E-05	1.2453605E-05	1.2174216E-05
8.2733721E-01	5.2150327E-01	4.8780181E-03		
1.118988E+03	1.1403145E-05	1.1776869E-05	1.1948683E-05	1.1688610E-05
8.1369555E-01	4.9173445E-01	3.5417532E-03		
1.123988E+03	1.1652419E-05	1.1636573E-05	1.1727267E-05	1.1608843E-05
7.7789205E-01	5.0904423E-01	9.9677136E-03		
1.128988E+03	1.2358848E-05	1.1572250E-05	1.1487756E-05	1.1177617E-05
7.9010272E-01	4.8298535E-01	7.7795838E-03		
1.133988E+03	1.2737018E-05	1.1767646E-05	1.1354756E-05	1.1372461E-05
7.5096220E-01	4.9761727E-01	7.0953099E-03		
1.138988E+03	1.3104743E-05	1.2007557E-05	1.1286856E-05	1.0967364E-05
7.5883341E-01	4.7876075E-01	7.4381847E-04		
1.143988E+03	1.4119243E-05	1.2586395E-05	1.1360282E-05	1.0923305E-05
8.0508846E-01	4.5202681E-01	5.6501629E-04		
1.149029E+03	1.4455374E-05	1.2897219E-05	1.1546595E-05	1.1025647E-05
7.7217430E-01	4.7735307E-01	1.2428861E-03		
1.154029E+03	1.4516894E-05	1.2941936E-05	1.1739377E-05	1.1230693E-05
7.2948873E-01	4.0543711E-01	2.0921116E-03		
1.159029E+03	1.5227720E-05	1.3966564E-05	1.2429898E-05	1.1961547E-05
8.1096309E-01	4.6204951E-01	2.1899082E-03		
1.164029E+03	1.4939420E-05	1.4021395E-05	1.2798150E-05	1.2353635E-05
7.8900248E-01	4.0309989E-01	2.6807882E-04		
1.169073E+03	1.4326470E-05	1.4039732E-05	1.3137654E-05	1.2746043E-05
8.3267933E-01	4.7298893E-01	1.0556200E-03		
1.174073E+03	1.4269859E-05	1.4109613E-05	1.2861477E-05	1.1507753E-05
7.3626322E-01	4.4257301E-01	2.9245156E-03		
1.179073E+03	1.4182212E-05	1.3837981E-05	1.2926668E-05	1.2353635E-05
7.3448312E-01	4.3872499E-01	1.4736668E-03		
1.184122E+03	1.4484212E-05	1.3841664E-05	1.3072992E-05	1.2619181E-05
7.4914259E-01	4.5874551E-01	1.2702474E-03		
1.189164E+03	1.4115939E-05	1.3916146E-05	1.2883615E-05	1.1514276E-05
7.1340317E-01	4.5654264E-01	9.1300899E-04		
1.194184E+03	1.4035451E-05	1.3927935E-05	1.2748242E-05	1.1447931E-05
6.9442910E-01	4.6191564E-01	8.9679245E-04		
1.199231E+03	1.3848066E-05	1.3906811E-05	1.2687224E-05	1.1595922E-05
6.8728650E-01	4.5305875E-01	6.1036437E-04		
1.204231E+03	1.4781251E-05	1.3789044E-05	1.2822332E-05	1.2295330E-05
6.7806727E-01	3.9409372E-01	5.8692436E-05		

1.209231E+03	1.6997716E-05	1.4755787E-05	1.3188582E-05	1.2679653E-05
7.2643125E-01	4.4128340E-01	3.3403013E-04		
1.214231E+03	1.6935634E-05	1.4958932E-05	1.3236285E-05	1.2661215E-05
7.0159066E-01	4.4578359E-01	7.2338554E-04		
1.219231E+03	1.6688700E-05	1.5009188E-05	1.3423539E-05	1.2618422E-05
6.8781269E-01	4.4548947E-01	7.2447438E-04		
1.224231E+03	1.5532221E-05	1.4740178E-05	1.3107582E-05	1.1874542E-05
6.5112698E-01	4.7751597E-01	6.2920165E-04		
1.229231E+03	1.5086139E-05	1.4752967E-05	1.2979092E-05	1.1513939E-05
7.2178859E-01	3.6970794E-01	5.7792586E-05		
1.234231E+03	1.5774587E-05	1.4758977E-05	1.3166489E-05	1.2406172E-05
7.6837355E-01	3.6300600E-01	4.6711473E-05		
1.239231E+03	1.5662310E-05	1.4888382E-05	1.3298887E-05	1.2551132E-05
7.7800286E-01	3.6301079E-01	2.9418825E-05		
1.244231E+03	1.6517597E-05	1.4971230E-05	1.3531334E-05	1.2953886E-05
7.3233783E-01	2.4985836E-01	6.3091305E-05		
1.249231E+03	2.0130470E-05	1.7134573E-05	1.4903801E-05	1.4280096E-05
8.0814850E-01	2.0517313E-01	4.0790233E-05		
1.254231E+03	2.1153339E-05	1.8469733E-05	1.6159327E-05	1.5457632E-05
8.5876137E-01	2.7563393E-01	6.4553700E-05		
1.259231E+03	2.1562279E-05	1.8974766E-05	1.6599657E-05	1.5901380E-05
8.1472516E-01	1.9634521E-01	3.6134068E-03		
1.264231E+03	2.3428942E-05	2.0532130E-05	1.8034414E-05	1.7419752E-05
8.1826979E-01	1.5514342E-01	2.4648600E-03		
1.269231E+03	2.3749664E-05	2.1501255E-05	1.9215682E-05	1.8568231E-05
8.8925362E-01	1.7802659E-01	1.1571659E-02		
1.274231E+03	2.3743334E-05	2.1691756E-05	1.9416690E-05	1.8713972E-05
8.7180567E-01	1.9991335E-01	2.6637307E-04		
1.279231E+03	2.3387804E-05	2.1761864E-05	1.9409257E-05	1.8021292E-05
8.4711260E-01	2.2896802E-01	6.3111293E-06		
1.284231E+03	2.2879842E-05	2.1617685E-05	1.9032925E-05	1.6597714E-05
8.2113427E-01	2.3531318E-01	5.4855741E-07		
1.289231E+03	2.3006176E-05	2.1709058E-05	1.9214207E-05	1.7560757E-05
8.5036498E-01	2.4220584E-01	1.1537606E-05		
1.294280E+03	2.2859933E-05	2.1827747E-05	1.9240513E-05	1.7819442E-05
8.6411810E-01	2.5079212E-01	1.1643578E-05		
1.299280E+03	2.2543594E-05	2.1879356E-05	1.9492010E-05	1.8410114E-05
8.1622463E-01	1.8394409E-01	9.6078045E-05		
1.304280E+03	2.1939557E-05	2.1513730E-05	1.9970199E-05	1.9500041E-05
8.9775527E-01	1.9519418E-01	1.8880051E-04		
1.309280E+03	2.1426564E-05	2.1626955E-05	2.0148795E-05	1.8353519E-05
9.0303546E-01	1.6769028E-01	1.9985970E-05		
1.314280E+03	2.0879670E-05	2.1368583E-05	1.8152672E-05	1.4249432E-05
8.3050758E-01	2.3417577E-01	1.0523108E-05		
1.319280E+03	2.0857049E-05	2.1363740E-05	1.8281229E-05	1.5399723E-05
8.4702593E-01	2.4172284E-01	1.3312416E-05		
1.324280E+03	2.0670119E-05	2.1295305E-05	1.8415833E-05	1.5535241E-05
8.5625356E-01	2.4722752E-01	8.0883992E-06		
1.329280E+03	2.0551644E-05	2.1172908E-05	1.8560364E-05	1.6706708E-05
8.9125979E-01	2.4445601E-01	1.7260034E-05		
1.334329E+03	2.0299194E-05	2.1005946E-05	1.8441653E-05	1.6159665E-05
8.7806720E-01	2.6177061E-01	2.4296540E-04		
1.339329E+03	2.0227182E-05	2.1001635E-05	1.8321234E-05	1.4607422E-05
8.6777723E-01	2.5709277E-01	2.4614019E-05		
1.344329E+03	2.0029232E-05	2.0840116E-05	1.7981269E-05	1.4190819E-05
8.7456751E-01	2.4942024E-01	1.5754056E-05		

1.349329E+03 1.9915242E-05 2.0727641E-05 1.7422302E-05 1.2730882E-05
8.5319954E-01 2.6701629E-01 7.2722687E-06
1.354329E+03 1.9769705E-05 2.0712523E-05 1.7074799E-05 1.2542059E-05
8.6563158E-01 2.4046567E-01 4.4459844E-06
1.359336E+03 1.9706416E-05 2.0599718E-05 1.7001250E-05 1.2984785E-05
8.7403369E-01 2.4272531E-01 8.8935876E-06
1.364336E+03 1.9504778E-05 2.0579570E-05 1.7144948E-05 1.3744802E-05
8.8593113E-01 2.4868433E-01 2.1404298E-05
1.369336E+03 1.9341558E-05 2.0450527E-05 1.7655171E-05 1.5870259E-05
9.2686063E-01 2.5171280E-01 1.4381720E-05
1.374336E+03 1.8031908E-05 1.9429082E-05 1.4966611E-05 7.3848564E-06
8.3634704E-01 3.1455198E-01 5.8659134E-07
1.379370E+03 1.7281820E-05 1.8720697E-05 1.4561499E-05 1.2122293E-05
8.4194362E-01 2.5298297E-01 1.6267271E-05
1.384372E+03 1.8969431E-05 1.8001101E-05 1.6252763E-05 1.5725451E-05
7.9448420E-01 1.9234300E-01 1.4845520E-03
1.389418E+03 2.0425961E-05 1.8734399E-05 1.7253951E-05 1.6713657E-05
8.4887183E-01 4.5417468E-03 2.9427695E-04
1.394459E+03 2.0544183E-05 1.9173342E-05 1.7805500E-05 1.7341026E-05
6.0223556E-01 1.2954033E-04 5.9210870E-05
1.399505E+03 1.6183927E-05 1.6794364E-05 1.6633845E-05 1.6240816E-05
9.8439735E-01 5.5586677E-03 6.4086192E-04
1.404505E+03 1.4640103E-05 1.4917890E-05 1.4667839E-05 1.4263646E-05
9.7154784E-01 5.8131972E-03 7.3830590E-05
1.409509E+03 1.3681452E-05 1.3235011E-05 1.2459847E-05 1.2011665E-05
7.4429327E-01 4.7545065E-05 1.5662239E-04
1.414548E+03 1.2136876E-05 1.2052451E-05 1.1472398E-05 1.1013165E-05
9.8573780E-01 4.3256048E-02 1.5247689E-04
1.419548E+03 1.1580809E-05 1.1262721E-05 1.0673266E-05 1.0256485E-05
9.9265754E-01 2.1843176E-01 3.3243913E-02
1.424548E+03 1.2010946E-05 1.1039068E-05 1.0074701E-05 7.1959344E-06
9.9459147E-01 2.8958887E-01 7.8400020E-03
1.429548E+03 1.1751891E-05 1.0904240E-05 1.0123254E-05 6.6703274E-06
9.9553603E-01 2.2291276E-01 9.2092916E-02
1.434548E+03 1.1614900E-05 1.0965692E-05 1.0057880E-05 5.6783952E-06
9.9575824E-01 2.7853337E-01 9.6904054E-02
1.439548E+03 1.2385452E-05 1.1085584E-05 1.0120189E-05 5.3597510E-06
9.9561363E-01 2.7364382E-01 6.1477024E-02
1.444548E+03 1.3609623E-05 1.1931481E-05 1.0317619E-05 7.5018465E-06
9.9657106E-01 3.9327031E-01 2.5598424E-02
1.449548E+03 1.3602147E-05 1.2443154E-05 1.0868787E-05 1.0425587E-05
9.0961826E-01 4.7111106E-01 1.1819345E-01
1.454592E+03 1.3220444E-05 1.2635282E-05 1.1006255E-05 6.5846402E-06
9.2632139E-01 4.8374456E-01 3.0903472E-02
1.459592E+03 1.1772973E-05 1.2431850E-05 9.3910166E-06 2.0661187E-07
9.2257029E-01 4.6634594E-01 2.1416983E-03
1.464592E+03 1.2520381E-05 1.2094941E-05 1.0342143E-05 3.1923071E-06
9.9983710E-01 3.6887786E-01 2.4233069E-03
1.469638E+03 1.4983972E-05 1.2587076E-05 1.0798170E-05 1.0228163E-05
9.9999934E-01 5.8683950E-01 1.0023724E-03
1.474638E+03 1.7659149E-05 1.4432741E-05 1.2021855E-05 1.1236705E-05
9.9977905E-01 7.1960962E-01 1.2200345E-04
1.479638E+03 1.6128379E-05 1.4887649E-05 1.2379815E-05 9.5451296E-06
9.9997634E-01 3.5004526E-01 2.8556590E-03
1.484681E+03 1.2344216E-05 1.3011197E-05 4.8750780E-06 5.2195253E-09
9.9999911E-01 2.4973363E-01 3.0840494E-04

1.489718E+03	1.2447064E-05	1.2807735E-05	3.2304155E-07	1.3536435E-07
9.9999934E-01	3.1587076E-01	1.1392792E-04		
1.494719E+03	1.3546958E-05	1.2766455E-05	1.8943283E-06	4.5270284E-07
9.9999940E-01	4.0946835E-01	1.7505067E-03		
1.499726E+03	1.7811752E-05	1.4556916E-05	1.2031707E-05	1.1321941E-05
9.9999940E-01	8.0674499E-01	2.9855471E-03		
1.504759E+03	1.7629865E-05	1.4810807E-05	1.2345154E-05	1.0874754E-05
9.9999940E-01	5.1714635E-01	1.6188460E-04		
1.509762E+03	1.5101389E-05	1.4298377E-05	1.1452327E-05	3.3192990E-07
9.9999952E-01	2.9327354E-01	1.8818240E-04		
1.514772E+03	1.3873863E-05	1.3515446E-05	1.0018727E-05	3.8672573E-07
9.9999958E-01	2.6651287E-01	1.0732681E-04		
1.519808E+03	1.3178052E-05	1.2824285E-05	5.5449768E-06	0.0000000E+00
9.9999958E-01	2.4660131E-01	3.4994424E-05		
1.524844E+03	1.4172899E-05	1.2516451E-05	3.8905200E-06	1.4915903E-06
9.9954462E-01	5.4520977E-01	6.3408208E-03		
1.529844E+03	1.5206966E-05	1.3281009E-05	1.1133463E-05	6.9544808E-06
9.9999952E-01	4.7672996E-01	1.4911883E-02		
1.534859E+03	1.1090623E-05	1.1786083E-05	1.5959938E-07	0.0000000E+00
9.9999958E-01	2.6199105E-01	1.2553061E-04		
1.539868E+03	1.1078797E-05	1.1509478E-05	1.3888467E-07	7.4473220E-08
9.9999958E-01	3.7293190E-01	3.1967522E-04		
1.544881E+03	1.2636378E-05	1.1166716E-05	1.0188626E-06	2.7523043E-07
9.9709845E-01	4.5944598E-01	7.4184318E-05		
1.549901E+03	1.4960056E-05	1.2346436E-05	4.8732313E-06	6.2065556E-07
9.9999952E-01	4.3940794E-01	1.6604833E-02		
1.554901E+03	1.0790237E-05	1.1134655E-05	2.5115440E-07	0.0000000E+00
9.9999958E-01	3.1876048E-01	9.9129975E-06		
1.559921E+03	9.9674735E-06	1.0323824E-05	1.3930212E-07	6.7414035E-08
9.9999958E-01	3.8335335E-01	1.7003033E-05		
1.564944E+03	1.0411162E-05	1.3523963E-06	0.0000000E+00	0.0000000E+00
9.2915320E-01	1.3793008E-01	7.5858785E-03		
1.569956E+03	1.5297459E-05	1.1874463E-05	2.3700684E-06	1.0804094E-06
9.0156013E-01	4.8145901E-02	1.9542113E-05		
1.574956E+03	1.9129913E-05	1.5868591E-05	1.3383041E-05	1.2634099E-05
9.9507517E-01	2.9484487E-01	2.2873539E-05		
1.579956E+03	1.9321014E-05	1.7154292E-05	1.4932188E-05	1.4288104E-05
9.9416566E-01	4.1258672E-01	1.5646014E-05		
1.584956E+03	1.7584454E-05	1.7154032E-05	1.5466703E-05	1.4973503E-05
9.9532503E-01	5.3765845E-01	5.9250860E-06		
1.589956E+03	1.5368238E-05	1.5917207E-05	1.4983939E-05	1.4540749E-05
9.9657214E-01	7.1656930E-01	1.2682688E-05		
1.594956E+03	1.4205301E-05	1.4907470E-05	1.4475730E-05	1.3912681E-05
9.9695551E-01	7.0382267E-01	1.2102682E-05		
1.599956E+03	1.4248808E-05	1.4182577E-05	1.3866802E-05	1.3532573E-05
9.9956477E-01	7.6216984E-01	1.1654151E-05		
1.604956E+03	1.4051965E-05	1.4245298E-05	1.3853053E-05	1.3852739E-05
9.9999422E-01	5.9016609E-01	6.0764337E-06		
1.609956E+03	1.4103627E-05	1.4653894E-05	1.4239348E-05	1.3825167E-05
9.9999928E-01	5.2713668E-01	0.0000000E+00		
1.614956E+03	1.4307731E-05	1.4956568E-05	1.4042236E-05	1.3104825E-05
9.9999928E-01	5.0362289E-01	0.0000000E+00		
1.619956E+03	1.4235665E-05	1.4905877E-05	1.3902271E-05	1.2938223E-05
9.9999928E-01	4.9423930E-01	6.1120227E-06		
1.624956E+03	1.4090980E-05	1.4898172E-05	1.3837628E-05	1.2544056E-05
9.9999928E-01	5.0534481E-01	5.3988428E-05		

1.629956E+03	1.3969516E-05	1.4944649E-05	1.3787986E-05	1.2286102E-05
9.9999928E-01	4.7511673E-01	1.9936198E-03		
1.634956E+03	1.3805642E-05	1.4837476E-05	1.3654633E-05	1.2200911E-05
9.9999934E-01	4.4366470E-01	1.0452261E-03		
1.639972E+03	1.3702594E-05	1.5016431E-05	1.3661076E-05	1.2229751E-05
9.9999934E-01	4.6690881E-01	2.9343672E-04		
1.644972E+03	1.3518887E-05	1.4756861E-05	1.3638944E-05	1.2487500E-05
9.9999934E-01	4.5639011E-01	3.2231133E-04		
1.649982E+03	1.3584488E-05	1.4612707E-05	1.2991738E-05	1.1204991E-05
9.9999934E-01	4.6287373E-01	3.0964796E-04		
1.654998E+03	1.3232670E-05	1.4523314E-05	1.2919527E-05	1.1532949E-05
9.9999934E-01	4.8797560E-01	8.5555878E-04		
1.660028E+03	1.2843423E-05	1.4361873E-05	1.2884780E-05	1.1071449E-05
9.9999934E-01	4.5933512E-01	3.0520803E-03		
1.665028E+03	1.2688974E-05	1.4472411E-05	1.2684552E-05	1.0460805E-05
9.9999934E-01	4.3658954E-01	1.7211998E-03		
1.670048E+03	1.2677609E-05	1.4214416E-05	1.2216269E-05	2.6853509E-06
9.9999940E-01	4.2232311E-01	1.3266839E-03		
1.675065E+03	1.2195222E-05	1.3807988E-05	1.2245853E-05	9.6401500E-06
9.9999911E-01	4.8408768E-01	1.5590145E-03		
1.680108E+03	1.1779039E-05	1.3357670E-05	1.2063100E-05	1.0571477E-05
9.9999940E-01	6.1443764E-01	1.3370345E-03		
1.685146E+03	1.1522236E-05	1.3238407E-05	1.1830974E-05	6.8422833E-06
9.9999940E-01	6.1440468E-01	8.2987110E-04		
1.690150E+03	1.1106255E-05	1.2770729E-05	1.0405126E-05	1.2265205E-07
9.9999940E-01	4.3056539E-01	4.5625426E-04		
1.695192E+03	1.0449206E-05	1.1206623E-05	3.1715054E-08	0.0000000E+00
9.9999803E-01	1.7568986E-01	2.6469835E-04		
1.700202E+03	6.8171921E-06	9.9229092E-06	1.1677756E-06	3.8518994E-07
9.9999732E-01	2.8425449E-01	4.8189977E-04		
1.705202E+03	1.1593556E-05	1.0201069E-05	8.6292920E-07	1.6833982E-07
9.9908292E-01	7.2511768E-01	9.6238923E-04		
1.710202E+03	1.0980890E-05	1.0302084E-05	4.1040042E-07	1.1116474E-07
9.9992990E-01	4.6687615E-01	5.6355848E-04		
1.715202E+03	1.1195333E-05	1.0245458E-05	3.1959894E-07	0.0000000E+00
9.9999923E-01	5.5141878E-01	5.0379569E-04		
1.720212E+03	1.0147115E-05	9.9327890E-06	6.2334166E-08	6.2163089E-08
9.9999928E-01	4.4858029E-01	3.6017015E-04		
1.725225E+03	2.5902775E-06	1.4487796E-06	2.4479607E-07	1.2978116E-09
9.9999934E-01	4.0721953E-01	3.0369396E-04		
1.730267E+03	1.9886916E-06	5.4518119E-07	5.2168076E-08	0.0000000E+00
9.9999571E-01	3.3962250E-01	2.4053650E-03		
1.735300E+03	1.1649679E-05	4.0740733E-06	7.1126374E-07	5.4628390E-07
8.5332054E-01	3.9962106E-03	9.6668571E-04		
1.740300E+03	1.7111379E-05	1.3349225E-05	1.1222238E-05	1.0794713E-05
9.9208838E-01	2.6450783E-01	1.3718470E-03		
1.745300E+03	2.6374921E-05	1.7717839E-05	1.3775446E-05	1.2958886E-05
9.9282140E-01	1.6440004E-01	1.3115373E-03		
1.750300E+03	4.6303183E-05	2.8641394E-05	2.0269717E-05	1.8535411E-05
9.9391311E-01	2.9160401E-01	1.0668574E-03		
1.755300E+03	7.4044983E-05	4.7907182E-05	3.2751483E-05	2.9740426E-05
9.9587148E-01	5.4289359E-01	1.1991757E-03		
1.760300E+03	8.8020439E-05	6.2074185E-05	4.3878117E-05	4.0186169E-05
9.9426067E-01	3.8026920E-01	1.7608776E-03		
1.765300E+03	9.7073455E-05	7.6464559E-05	5.7795965E-05	5.3566280E-05
9.9684566E-01	6.5902561E-01	1.4925683E-03		

1.770300E+03	9.4920251E-05	7.9532714E-05	6.2361934E-05	5.8070877E-05
9.9480468E-01	1.9909525E-01	9.4897550E-04		
1.775300E+03	9.0492395E-05	8.2664177E-05	7.2507901E-05	6.8971181E-05
9.9556381E-01	2.0182274E-01	5.5895455E-04		
1.780300E+03	9.8491364E-05	8.9467845E-05	7.9509904E-05	7.6152210E-05
9.9784470E-01	9.9279821E-01	2.7931039E-03		
1.785300E+03	9.6738069E-05	9.1136928E-05	8.1083796E-05	7.6353193E-05
9.9995899E-01	7.5707644E-01	8.2367929E-03		
1.790312E+03	9.0354624E-05	9.2416740E-05	7.5887496E-05	5.9771366E-05
9.9999911E-01	6.1840552E-01	7.3525077E-04		
1.795348E+03	8.5260508E-05	9.0079644E-05	7.7211997E-05	7.0459857E-05
9.9999928E-01	5.5288011E-01	1.1310279E-02		
1.800348E+03	6.3907530E-05	8.0325350E-05	7.7244782E-05	7.4244344E-05
9.9999928E-01	7.7788728E-01	1.1657400E-03		
1.805392E+03	6.3753170E-05	7.8876677E-05	7.6204466E-05	6.8803573E-05
9.9999958E-01	6.9132322E-01	1.1265912E-03		
1.810392E+03	5.6406261E-05	7.3298615E-05	7.3263858E-05	6.9878100E-05
9.9999958E-01	6.6807669E-01	5.9060974E-04		
1.815392E+03	4.7844289E-05	6.5282336E-05	6.9759357E-05	6.8375106E-05
9.9999958E-01	6.9684225E-01	4.5756597E-04		
1.820392E+03	4.6926249E-05	6.3449712E-05	6.8348025E-05	6.6434528E-05
9.9999958E-01	6.4343607E-01	4.7505565E-04		
1.825392E+03	5.1981962E-05	6.5652399E-05	6.5794418E-05	5.8453588E-05
9.9999958E-01	5.5217940E-01	5.2309054E-04		
1.830440E+03	4.9891238E-05	6.3492676E-05	6.3950261E-05	5.6283276E-05
9.9999958E-01	6.1944479E-01	5.7137234E-04		
1.835440E+03	5.3221102E-05	6.4010637E-05	5.7305853E-05	4.2569496E-05
9.9999958E-01	4.9559349E-01	5.1660638E-04		
1.840440E+03	5.1855273E-05	6.3245512E-05	5.7103556E-05	4.4979053E-05
9.9999958E-01	4.8599267E-01	7.2490337E-04		
1.845440E+03	5.3303345E-05	6.2797786E-05	5.4820881E-05	3.9475850E-05
9.9999958E-01	4.3037000E-01	5.3016562E-04		
1.850440E+03	5.1918225E-05	6.2600731E-05	5.4757358E-05	4.1514420E-05
9.9999958E-01	4.2098603E-01	3.6156105E-04		
1.855440E+03	5.2963263E-05	6.2024490E-05	5.3016349E-05	3.7390804E-05
9.9999958E-01	4.1787127E-01	3.0713182E-04		
1.860440E+03	4.8566289E-05	6.0437458E-05	5.3331492E-05	4.4881152E-05
9.9999958E-01	5.1660216E-01	3.3015080E-04		
1.865440E+03	4.7974820E-05	5.9969003E-05	5.2924355E-05	4.3825581E-05
9.9999958E-01	4.7788495E-01	4.6689337E-04		
1.870459E+03	5.0464347E-05	5.8898393E-05	4.9300823E-05	3.2766773E-05
9.9999958E-01	3.8656661E-01	1.1985089E-03		
1.875459E+03	4.7710946E-05	5.8242247E-05	4.9565951E-05	3.7951726E-05
9.9999958E-01	4.3334925E-01	3.8009454E-04		
1.880459E+03	4.8232134E-05	5.7524787E-05	4.8129019E-05	3.3533226E-05
9.9999958E-01	3.9159760E-01	3.0987174E-04		
1.885502E+03	4.7315112E-05	5.7152869E-05	4.7492875E-05	3.3539796E-05
9.9999958E-01	4.2938831E-01	3.0870197E-04		
1.890502E+03	4.5223562E-05	5.6353911E-05	4.7698228E-05	3.6933663E-05
9.9999958E-01	4.5308876E-01	4.3856559E-04		
1.895548E+03	4.4964756E-05	5.6153956E-05	4.7344776E-05	3.5292833E-05
9.9999958E-01	4.1019508E-01	1.8742546E-03		
1.900587E+03	3.9208473E-05	5.3604130E-05	4.7915746E-05	4.2536205E-05
9.9999958E-01	5.2833784E-01	9.9561608E-04		
1.905594E+03	3.7150669E-05	5.0817802E-05	4.6790199E-05	3.5392532E-05
9.9999958E-01	5.5125117E-01	7.1389356E-04		

1.910599E+03	3.7420705E-05	4.7421618E-05	3.6931375E-05	2.4843866E-05
9.9999958E-01	4.4466132E-01	4.8236619E-04		
1.915604E+03	3.5923873E-05	4.6652916E-05	3.7557962E-05	2.8682436E-05
9.9999958E-01	5.0216872E-01	5.3982943E-04		
1.920619E+03	3.7245718E-05	4.5178000E-05	3.4582739E-05	2.1040829E-05
9.9999958E-01	4.4550228E-01	4.6920605E-04		
1.925623E+03	3.5923233E-05	4.4049379E-05	3.4509572E-05	2.3239681E-05
9.9999958E-01	4.4679067E-01	8.7471970E-04		
1.930635E+03	3.6008376E-05	4.2765270E-05	3.2301639E-05	1.9529147E-05
9.9999958E-01	3.4970191E-01	1.2495037E-03		
1.935664E+03	3.4162473E-05	4.1267274E-05	3.1896539E-05	2.3546134E-05
9.9999958E-01	4.2161018E-01	1.2782969E-03		
1.940709E+03	3.4352033E-05	4.0096624E-05	2.9972914E-05	1.7842665E-05
9.9999958E-01	4.2449912E-01	9.5602137E-04		
1.945709E+03	3.3986838E-05	3.9862676E-05	2.9781095E-05	1.7670493E-05
9.9999958E-01	4.2142111E-01	1.4842568E-03		
1.950755E+03	3.3030290E-05	3.7839909E-05	2.7794171E-05	1.5844365E-05
9.9999958E-01	3.5903174E-01	2.0081250E-03		
1.955762E+03	3.2000171E-05	3.6790450E-05	2.7162265E-05	1.8269242E-05
9.9999958E-01	3.5059869E-01	8.7504892E-04		
1.960784E+03	3.0821280E-05	3.5881159E-05	2.6468548E-05	1.6225247E-05
9.9999958E-01	3.7045044E-01	6.0408539E-04		
1.965832E+03	3.0043497E-05	3.3562803E-05	2.3892766E-05	1.4855987E-05
9.9999958E-01	4.1030145E-01	3.9569024E-04		
1.970878E+03	2.9474608E-05	3.2995133E-05	2.3103987E-05	1.3572324E-05
9.9999958E-01	3.5787389E-01	6.8589213E-04		
1.975889E+03	2.8492428E-05	3.1096886E-05	2.1338785E-05	1.1486333E-05
9.9999958E-01	2.9690480E-01	7.9870224E-04		
1.980934E+03	2.6256097E-05	2.8367236E-05	1.8719204E-05	5.9074946E-06
9.9999958E-01	2.2166237E-01	4.7387561E-04		
1.985934E+03	2.0139772E-05	2.0833188E-05	1.3163694E-05	5.8822170E-06
2.4627180E-01	1.6098439E-03	7.6624571E-04		
1.990934E+03	2.0347627E-05	1.7212382E-05	1.6086886E-05	1.5637652E-05
9.8096561E-01	8.8945177E-04	2.7948772E-03		
1.995934E+03	4.0595998E-05	2.7398282E-05	2.1108521E-05	1.9844820E-05
9.9541068E-01	5.9683603E-01	3.0528514E-03		
2.000034E+03	4.7333917E-05	3.1970358E-05	2.4060730E-05	2.2397375E-05
9.9588925E-01	3.5364759E-01	2.0263460E-03		

TIME (sec)	ALP991802	ALP991702	ALP991602	ALP991801
ALP991701	ALP991601	ALP992103		
1.000000E-10	9.9762303E-01	1.7176796E-01	4.9111959E-02	9.9738503E-01
1.5852600E-01	4.8730362E-02	9.9999899E-01		
1.003469E-01	9.9762446E-01	1.9384679E-01	4.9851991E-02	9.9738604E-01
1.7328550E-01	4.9406014E-02	9.9999905E-01		
2.016405E-01	9.9762648E-01	2.1989734E-01	5.0295752E-02	9.9738705E-01
1.9118577E-01	4.9818892E-02	9.9999905E-01		
3.143499E-01	9.9762905E-01	2.5179785E-01	5.1130194E-02	9.9738783E-01
2.1433908E-01	5.0610039E-02	9.9999899E-01		
4.176774E-01	9.9763113E-01	2.8345278E-01	5.2073777E-02	9.9738818E-01
2.3870125E-01	5.1517423E-02	9.9999893E-01		
5.179474E-01	9.9763250E-01	3.1715059E-01	5.3140346E-02	9.9738795E-01
2.6605445E-01	5.2548371E-02	9.9999863E-01		
6.236274E-01	9.9763304E-01	3.5497841E-01	5.4388881E-02	9.9738687E-01
2.9864180E-01	5.3752549E-02	9.9999797E-01		
7.657229E-01	9.9763191E-01	4.1214636E-01	5.6259520E-02	9.9738425E-01
3.5088876E-01	5.5569313E-02	9.9999678E-01		

8.878756E-01 9.9762899E-01 4.6544546E-01 5.8004230E-02 9.9738032E-01
4.0211445E-01 5.7276152E-02 9.9999523E-01
9.933645E-01 9.9762523E-01 5.1287454E-01 5.9583303E-02 9.9737573E-01
4.4972652E-01 5.8831058E-02 9.9999362E-01
1.524044E+00 9.9759912E-01 7.2693390E-01 6.8132520E-02 9.9734604E-01
6.9086987E-01 6.7352779E-02 9.9998331E-01
2.030162E+00 9.9757087E-01 9.1424394E-01 7.6736085E-02 9.9731582E-01
9.0262884E-01 7.6031327E-02 9.9997485E-01
2.550346E+00 9.9759734E-01 9.9657995E-01 1.1206803E-01 9.9735081E-01
9.9545336E-01 1.0977497E-01 9.9996775E-01
3.062366E+00 9.9752122E-01 9.9913269E-01 1.4319271E-01 9.9729204E-01
9.9889392E-01 1.5669826E-01 9.9996227E-01
3.562366E+00 9.9743801E-01 9.9921125E-01 1.5885675E-01 9.9719572E-01
9.9905264E-01 1.8202050E-01 9.9994838E-01
4.082775E+00 9.9744636E-01 9.9921536E-01 1.9032934E-01 9.9717724E-01
9.9904686E-01 1.9158825E-01 9.9992323E-01
4.604100E+00 9.9754709E-01 9.9946606E-01 2.1556988E-01 9.9725688E-01
9.9906278E-01 2.1212640E-01 9.9990255E-01
5.125216E+00 9.9771595E-01 9.9935061E-01 2.4645695E-01 9.9742287E-01
9.9910468E-01 2.4615531E-01 9.9988818E-01
5.625216E+00 9.9792498E-01 9.9962604E-01 3.0501187E-01 9.9762714E-01
9.9916345E-01 2.9003704E-01 9.9987876E-01
6.125216E+00 9.9814510E-01 9.9973965E-01 3.6010584E-01 9.9784869E-01
9.9923116E-01 3.5577899E-01 9.9987119E-01
6.625216E+00 9.9838334E-01 9.9974453E-01 4.5691350E-01 9.9809712E-01
9.9919957E-01 4.2746609E-01 9.9986649E-01
7.125216E+00 9.9860960E-01 9.9985701E-01 5.1590484E-01 9.9837154E-01
9.9912620E-01 5.1573592E-01 9.9986523E-01
7.625216E+00 9.9881649E-01 9.9978715E-01 5.7289410E-01 9.9863631E-01
9.9923015E-01 5.8824134E-01 9.9986756E-01
8.125216E+00 9.9901116E-01 9.9975270E-01 6.3891703E-01 9.9887228E-01
9.9936587E-01 6.4002782E-01 9.9987018E-01
8.625216E+00 9.9919897E-01 9.9986696E-01 7.1174008E-01 9.9910009E-01
9.9949133E-01 6.8460268E-01 9.9987411E-01
9.146049E+00 9.9938846E-01 9.9994260E-01 7.7795285E-01 9.9932486E-01
9.9962205E-01 7.3592609E-01 9.9987906E-01
9.646049E+00 9.9954844E-01 9.9996555E-01 8.1528962E-01 9.9951017E-01
9.9973714E-01 7.8602993E-01 9.9988383E-01
1.014605E+01 9.9967963E-01 9.9997973E-01 8.3348215E-01 9.9966186E-01
9.9983108E-01 8.2624316E-01 9.9988860E-01
1.064605E+01 9.9977869E-01 9.9997574E-01 8.4590662E-01 9.9977446E-01
9.9989969E-01 8.5350704E-01 9.9989283E-01
1.114605E+01 9.9984902E-01 9.9997044E-01 8.5666478E-01 9.9985141E-01
9.9993962E-01 8.6977077E-01 9.9989617E-01
1.164605E+01 9.9989611E-01 9.9997318E-01 8.6752909E-01 9.9990070E-01
9.9996334E-01 8.7827009E-01 9.9989855E-01
1.214605E+01 9.9993044E-01 9.9997884E-01 8.7989408E-01 9.9993479E-01
9.9997705E-01 8.7971812E-01 9.9990129E-01
1.264605E+01 9.9995315E-01 9.9999183E-01 8.9051169E-01 9.9995327E-01
9.9998492E-01 8.6903709E-01 9.9990469E-01
1.314605E+01 9.9996352E-01 9.9999523E-01 8.8935977E-01 9.9995780E-01
9.9998719E-01 8.6572272E-01 9.9990815E-01
1.364605E+01 9.9996018E-01 9.9999171E-01 8.8157040E-01 9.9995863E-01
9.9998158E-01 8.6825317E-01 9.9991065E-01
1.414605E+01 9.9993879E-01 9.9998653E-01 8.9343208E-01 9.9994975E-01
9.9997300E-01 8.7883908E-01 9.9990886E-01

1.464605E+01	9.9990886E-01	9.9998438E-01	9.0847933E-01	9.9993151E-01
9.9996471E-01	8.9218271E-01	9.9990511E-01		
1.514605E+01	9.9987417E-01	9.9998546E-01	9.2085236E-01	9.9987620E-01
9.9995416E-01	9.0640527E-01	9.9989915E-01		
1.564605E+01	9.9984890E-01	9.9998355E-01	9.3074727E-01	9.9984610E-01
9.9994177E-01	9.1904873E-01	9.9989337E-01		
1.614605E+01	9.9983197E-01	9.9998474E-01	9.3868160E-01	9.9983782E-01
9.9993557E-01	9.2902809E-01	9.9988544E-01		
1.664605E+01	9.9982947E-01	9.9998742E-01	9.4506520E-01	9.9983782E-01
9.9993759E-01	9.3711621E-01	9.9987769E-01		
1.714605E+01	9.9983186E-01	9.9998897E-01	9.4914293E-01	9.9984032E-01
9.9993879E-01	9.4192606E-01	9.9986959E-01		
1.764605E+01	9.9983633E-01	9.9998999E-01	9.4919753E-01	9.9984491E-01
9.9994040E-01	9.4221884E-01	9.9986219E-01		
1.814605E+01	9.9984473E-01	9.9999130E-01	9.4617772E-01	9.9985313E-01
9.9994469E-01	9.3868065E-01	9.9985498E-01		
1.864605E+01	9.9976552E-01	9.9998766E-01	9.3964124E-01	9.9983615E-01
9.9994284E-01	9.3117249E-01	9.9984813E-01		
1.914605E+01	9.9857265E-01	9.9994022E-01	9.2570961E-01	9.9896979E-01
9.9977148E-01	9.1541177E-01	9.9984026E-01		
1.964605E+01	9.9660176E-01	9.9983561E-01	9.1562694E-01	9.9720037E-01
9.9929130E-01	9.0252209E-01	9.9983460E-01		
2.014605E+01	9.9463159E-01	9.9971199E-01	9.0593582E-01	9.9501848E-01
9.9864393E-01	8.8948375E-01	9.9982935E-01		
2.064605E+01	9.9274200E-01	9.9957830E-01	8.9634281E-01	9.9260652E-01
9.9790412E-01	8.7711734E-01	9.9982417E-01		
2.114605E+01	9.9085766E-01	9.9942124E-01	8.8785577E-01	9.9018127E-01
9.9715281E-01	8.6701167E-01	9.9981934E-01		
2.164605E+01	9.8898572E-01	9.9921376E-01	8.8144928E-01	9.8801404E-01
9.9650592E-01	8.5997474E-01	9.9981481E-01		
2.214605E+01	9.8731172E-01	9.9895024E-01	8.7764156E-01	9.8638892E-01
9.9606287E-01	8.5479015E-01	9.9981123E-01		
2.266648E+01	9.8610520E-01	9.9869913E-01	8.7381369E-01	9.8578978E-01
9.9580806E-01	8.5113943E-01	9.9980861E-01		
2.318409E+01	9.8565036E-01	9.9848670E-01	8.7051326E-01	9.8621923E-01
9.9582982E-01	8.4916049E-01	9.9980611E-01		
2.368409E+01	9.8588812E-01	9.9837142E-01	8.6981553E-01	9.8716122E-01
9.9598849E-01	8.4858096E-01	9.9980450E-01		
2.418409E+01	9.8648161E-01	9.9835277E-01	8.7010229E-01	9.8824352E-01
9.9624389E-01	8.4875381E-01	9.9980330E-01		
2.468420E+01	9.8691279E-01	9.9834478E-01	8.6946929E-01	9.8874235E-01
9.9644947E-01	8.4628940E-01	9.9980080E-01		
2.518866E+01	9.8683822E-01	9.9828339E-01	8.6854535E-01	9.8861903E-01
9.9616790E-01	8.4355545E-01	9.9979681E-01		
2.570592E+01	9.8635811E-01	9.9815547E-01	8.6638677E-01	9.8800021E-01
9.9561459E-01	8.4321916E-01	9.9979168E-01		
2.622136E+01	9.8562557E-01	9.9792802E-01	8.6312670E-01	9.8675758E-01
9.9541003E-01	8.4263170E-01	9.9978662E-01		
2.673972E+01	9.8471701E-01	9.9764436E-01	8.6068994E-01	9.8474437E-01
9.9545336E-01	8.4165442E-01	9.9978203E-01		
2.724740E+01	9.8391551E-01	9.9739349E-01	8.5994685E-01	9.8286051E-01
9.9509168E-01	8.3866668E-01	9.9977869E-01		
2.776852E+01	9.8329610E-01	9.9737591E-01	8.5898358E-01	9.8200595E-01
9.9468726E-01	8.3764386E-01	9.9977607E-01		
2.828743E+01	9.8283851E-01	9.9732023E-01	8.5766309E-01	9.8208535E-01
9.9452537E-01	8.3877313E-01	9.9977481E-01		

2.878743E+01	9.8240507E-01	9.9717474E-01	8.5620421E-01	9.8211879E-01
9.9449182E-01	8.3950323E-01	9.9977458E-01		
2.928743E+01	9.8181361E-01	9.9696738E-01	8.5477728E-01	9.8158771E-01
9.9434119E-01	8.3970177E-01	9.9977499E-01		
2.978743E+01	9.8103315E-01	9.9670398E-01	8.5298222E-01	9.8048377E-01
9.9401456E-01	8.3900946E-01	9.9977607E-01		
3.028743E+01	9.8012519E-01	9.9640054E-01	8.5054523E-01	9.7903073E-01
9.9355066E-01	8.3731389E-01	9.9977630E-01		
3.078743E+01	9.7917151E-01	9.9608111E-01	8.4728718E-01	9.7752559E-01
9.9303216E-01	8.3461404E-01	9.9977630E-01		
3.128743E+01	9.7822207E-01	9.9576473E-01	8.4317309E-01	9.7620535E-01
9.9254209E-01	8.3103818E-01	9.9977630E-01		
3.178743E+01	9.7733206E-01	9.9546432E-01	8.3817822E-01	9.7523856E-01
9.9214590E-01	8.2656813E-01	9.9977630E-01		
3.228743E+01	9.7641343E-01	9.9516821E-01	8.3183849E-01	9.7451335E-01
9.9185121E-01	8.2052755E-01	9.9977630E-01		
3.278743E+01	9.7541398E-01	9.9488491E-01	8.2506710E-01	9.7382200E-01
9.9159271E-01	8.1369627E-01	9.9977630E-01		
3.328743E+01	9.7440469E-01	9.9463302E-01	8.1782806E-01	9.7309858E-01
9.9134332E-01	8.0617934E-01	9.9977630E-01		
3.378743E+01	9.7345686E-01	9.9445492E-01	8.1265920E-01	9.7236693E-01
9.9105442E-01	8.0085987E-01	9.9977607E-01		
3.428743E+01	9.7297668E-01	9.9433345E-01	8.0842853E-01	9.7207701E-01
9.9087006E-01	7.9689026E-01	9.9977523E-01		
3.478743E+01	9.7221982E-01	9.9411243E-01	8.0081993E-01	9.7149438E-01
9.9074703E-01	7.8881919E-01	9.9977624E-01		
3.528743E+01	9.7070140E-01	9.9358809E-01	7.8760779E-01	9.6962136E-01
9.9031758E-01	7.7758425E-01	9.9977666E-01		
3.578743E+01	9.6956474E-01	9.9306875E-01	7.7713096E-01	9.6690273E-01
9.8952323E-01	7.6542532E-01	9.9977666E-01		
3.628743E+01	9.6908057E-01	9.9303222E-01	7.6647061E-01	9.6501368E-01
9.8887235E-01	7.4805850E-01	9.9977583E-01		
3.678743E+01	9.6906638E-01	9.9350244E-01	7.5527877E-01	9.6527612E-01
9.8873001E-01	7.3476505E-01	9.9977463E-01		
3.728743E+01	9.6967918E-01	9.9411815E-01	7.4391019E-01	9.6722156E-01
9.8913437E-01	7.2651654E-01	9.9977267E-01		
3.778743E+01	9.7080427E-01	9.9476385E-01	7.3435205E-01	9.6970898E-01
9.8976177E-01	7.2290558E-01	9.9976999E-01		
3.830806E+01	9.7205520E-01	9.9442774E-01	7.2305918E-01	9.7194600E-01
9.9042934E-01	7.2072917E-01	9.9976623E-01		
3.880806E+01	9.7314894E-01	9.9204975E-01	7.1140200E-01	9.7339493E-01
9.9093080E-01	7.1728474E-01	9.9976265E-01		
3.930806E+01	9.7418123E-01	9.9138725E-01	6.9986600E-01	9.7417217E-01
9.9124509E-01	7.0963049E-01	9.9975842E-01		
3.983299E+01	9.7513258E-01	9.9152976E-01	6.9049484E-01	9.7446758E-01
9.9136913E-01	6.9732606E-01	9.9975342E-01		
4.034888E+01	9.7587579E-01	9.9194664E-01	6.8000180E-01	9.7457671E-01
9.9142659E-01	6.8248826E-01	9.9974787E-01		
4.086869E+01	9.7618383E-01	9.9257183E-01	6.4506620E-01	9.7469968E-01
9.9169421E-01	6.6333729E-01	9.9973404E-01		
4.137451E+01	9.7624123E-01	9.9285877E-01	6.1816686E-01	9.7481900E-01
9.9174297E-01	6.3885546E-01	9.9972677E-01		
4.188536E+01	9.7636336E-01	9.9310160E-01	6.1712509E-01	9.7521764E-01
9.9181849E-01	6.0672122E-01	9.9972433E-01		
4.239460E+01	9.7649825E-01	9.9371141E-01	6.2841934E-01	9.7567630E-01
9.9194807E-01	5.7995808E-01	9.9972439E-01		

4.290141E+01	9.7659385E-01	9.9442506E-01	6.2335771E-01	9.7597301E-01
9.9203128E-01	5.7540500E-01	9.9972612E-01		
4.340367E+01	9.7659975E-01	9.9500310E-01	5.9948868E-01	9.7597951E-01
9.9204051E-01	5.8727396E-01	9.9972874E-01		
4.391029E+01	9.7653693E-01	9.9383247E-01	5.8309525E-01	9.7567588E-01
9.9197227E-01	5.9741265E-01	9.9973220E-01		
4.442013E+01	9.7664261E-01	9.9303681E-01	5.8179349E-01	9.7544277E-01
9.9187684E-01	5.9760517E-01	9.9973601E-01		
4.493227E+01	9.7679865E-01	9.9297702E-01	5.8631241E-01	9.7539711E-01
9.9183154E-01	5.8825439E-01	9.9973977E-01		
4.543827E+01	9.7685760E-01	9.9364668E-01	5.8158439E-01	9.7550285E-01
9.9181938E-01	5.7876301E-01	9.9974376E-01		
4.593893E+01	9.7685957E-01	9.9378037E-01	5.7262570E-01	9.7570002E-01
9.9184674E-01	5.7216954E-01	9.9974775E-01		
4.644418E+01	9.7704965E-01	9.9302006E-01	5.7101959E-01	9.7606951E-01
9.9192023E-01	5.7025111E-01	9.9975216E-01		
4.695213E+01	9.7748238E-01	9.9342287E-01	5.7398212E-01	9.7667211E-01
9.9208570E-01	5.7279485E-01	9.9975735E-01		
4.745940E+01	9.7807509E-01	9.9309778E-01	5.7315457E-01	9.7748786E-01
9.9235719E-01	5.7891774E-01	9.9976170E-01		
4.797015E+01	9.7883302E-01	9.9312460E-01	5.6986159E-01	9.7850460E-01
9.9272346E-01	5.8246517E-01	9.9976546E-01		
4.847311E+01	9.7973675E-01	9.9334401E-01	5.7295930E-01	9.7955596E-01
9.9312097E-01	5.7932138E-01	9.9976861E-01		
4.898312E+01	9.8077708E-01	9.9377704E-01	5.7956457E-01	9.8060125E-01
9.9349862E-01	5.7479781E-01	9.9977154E-01		
4.948804E+01	9.8231304E-01	9.9478722E-01	5.8665836E-01	9.8205400E-01
9.9394566E-01	5.7433587E-01	9.9977434E-01		
4.999225E+01	9.8481798E-01	9.9557304E-01	6.0351652E-01	9.8444343E-01
9.9463123E-01	5.7795268E-01	9.9977684E-01		
5.049424E+01	9.8772275E-01	9.9678946E-01	6.2435007E-01	9.8734927E-01
9.9552780E-01	5.9075236E-01	9.9977922E-01		
5.099622E+01	9.9036819E-01	9.9776566E-01	6.3557822E-01	9.9016184E-01
9.9646443E-01	6.1572492E-01	9.9978167E-01		
5.149626E+01	9.9252462E-01	9.9834687E-01	6.4631474E-01	9.9254322E-01
9.9728161E-01	6.4272106E-01	9.9978429E-01		
5.199947E+01	9.9423534E-01	9.9803591E-01	6.5844625E-01	9.9450344E-01
9.9791253E-01	6.6609496E-01	9.9978733E-01		
5.250106E+01	9.9556851E-01	9.9835312E-01	6.7798293E-01	9.9605352E-01
9.9841601E-01	6.8209696E-01	9.9979115E-01		
5.300600E+01	9.9659967E-01	9.9882442E-01	7.0350438E-01	9.9723899E-01
9.9881953E-01	6.9402599E-01	9.9979556E-01		
5.351564E+01	9.9740148E-01	9.9914491E-01	7.3140383E-01	9.9812824E-01
9.9911332E-01	7.0674378E-01	9.9980050E-01		
5.402672E+01	9.9802780E-01	9.9944359E-01	7.5165313E-01	9.9876249E-01
9.9936968E-01	7.2362477E-01	9.9980593E-01		
5.452872E+01	9.9849731E-01	9.9968225E-01	7.6175517E-01	9.9911803E-01
9.9954748E-01	7.4550366E-01	9.9981201E-01		
5.503849E+01	9.9885756E-01	9.9974531E-01	7.6959199E-01	9.9933606E-01
9.9960673E-01	7.5206017E-01	9.9981809E-01		
5.554660E+01	9.9916393E-01	9.9971169E-01	7.6915872E-01	9.9946409E-01
9.9961853E-01	7.5167841E-01	9.9982399E-01		
5.606082E+01	9.9949151E-01	9.9975586E-01	7.9157645E-01	9.9956799E-01
9.9968290E-01	7.6839668E-01	9.9982923E-01		
5.657179E+01	9.9966186E-01	9.9984604E-01	8.0818582E-01	9.9966407E-01
9.9974334E-01	7.8983635E-01	9.9983388E-01		

5.707279E+01 9.9976373E-01 9.9989986E-01 8.1601733E-01 9.9974453E-01
9.9980855E-01 8.1042773E-01 9.9983817E-01
5.758298E+01 9.9983972E-01 9.9993193E-01 8.2247901E-01 9.9981064E-01
9.9987495E-01 8.2783973E-01 9.9984223E-01
5.810007E+01 9.9988347E-01 9.9995255E-01 8.3211631E-01 9.9986160E-01
9.9991953E-01 8.3994704E-01 9.9984652E-01
5.860656E+01 9.9990886E-01 9.9996310E-01 8.4569126E-01 9.9988973E-01
9.9994636E-01 8.4720719E-01 9.9985021E-01
5.912025E+01 9.9992925E-01 9.9996930E-01 8.6026204E-01 9.9990636E-01
9.9996066E-01 8.5302383E-01 9.9985391E-01
5.962025E+01 9.9994534E-01 9.9997687E-01 8.7340665E-01 9.9991947E-01
9.9996656E-01 8.5918713E-01 9.9985749E-01
6.012025E+01 9.9995714E-01 9.9998116E-01 8.8471460E-01 9.9993014E-01
9.9996728E-01 8.6671078E-01 9.9986106E-01
6.062025E+01 9.9996430E-01 9.9998373E-01 8.9366961E-01 9.9993891E-01
9.9996620E-01 8.7574023E-01 9.9986464E-01
6.112025E+01 9.9996841E-01 9.9998611E-01 9.0088451E-01 9.9994653E-01
9.9996781E-01 8.8569301E-01 9.9986821E-01
6.162025E+01 9.9997163E-01 9.9998808E-01 9.0751809E-01 9.9995285E-01
9.9997157E-01 8.9563370E-01 9.9987179E-01
6.212025E+01 9.9997395E-01 9.9998873E-01 9.1420823E-01 9.9995822E-01
9.9997580E-01 9.0490896E-01 9.9987465E-01
6.262025E+01 9.9997544E-01 9.9998885E-01 9.2105132E-01 9.9996197E-01
9.9997985E-01 9.1322285E-01 9.9987704E-01
6.312025E+01 9.9997652E-01 9.9998885E-01 9.2791307E-01 9.9996388E-01
9.9998212E-01 9.2066872E-01 9.9987942E-01
6.362025E+01 9.9997652E-01 9.9998885E-01 9.3451691E-01 9.9996513E-01
9.9998254E-01 9.2744333E-01 9.9988180E-01
6.412025E+01 9.9997711E-01 9.9998921E-01 9.4060278E-01 9.9996656E-01
9.9998301E-01 9.3369603E-01 9.9988407E-01
6.462025E+01 9.9997777E-01 9.9998969E-01 9.4603634E-01 9.9996728E-01
9.9998367E-01 9.3948907E-01 9.9988556E-01
6.514344E+01 9.9997783E-01 9.9999064E-01 9.5117748E-01 9.9996763E-01
9.9998415E-01 9.4515586E-01 9.9988681E-01
6.566270E+01 9.9997824E-01 9.9999213E-01 9.5544666E-01 9.9996823E-01
9.9998474E-01 9.5038688E-01 9.9988806E-01
6.618295E+01 9.9997920E-01 9.9999362E-01 9.5808738E-01 9.9997032E-01
9.9998617E-01 9.5433861E-01 9.9988931E-01
6.668818E+01 9.9998039E-01 9.9999416E-01 9.5936048E-01 9.9997056E-01
9.9998671E-01 9.5640963E-01 9.9989045E-01
6.719306E+01 9.9998146E-01 9.9999475E-01 9.5922446E-01 9.9997056E-01
9.9998730E-01 9.5670128E-01 9.9989128E-01
6.770707E+01 9.9998260E-01 9.9999630E-01 9.5905012E-01 9.9997079E-01
9.9998820E-01 9.5574248E-01 9.9989223E-01
6.821601E+01 9.9998385E-01 9.9999738E-01 9.5831710E-01 9.9997163E-01
9.9998951E-01 9.5427614E-01 9.9989289E-01
6.872067E+01 9.9998504E-01 9.9999785E-01 9.5718014E-01 9.9997348E-01
9.9999034E-01 9.5228499E-01 9.9989289E-01
6.922510E+01 9.9998558E-01 9.9999815E-01 9.5600557E-01 9.9997485E-01
9.9999064E-01 9.5022625E-01 9.9989289E-01
6.973701E+01 9.9998522E-01 9.9999839E-01 9.5470786E-01 9.9997514E-01
9.9999064E-01 9.4833446E-01 9.9989289E-01
7.023885E+01 9.9998522E-01 9.9999875E-01 9.5312583E-01 9.9997509E-01
9.9999171E-01 9.4670767E-01 9.9989289E-01
7.074079E+01 9.9998569E-01 9.9999899E-01 9.4931674E-01 9.9997538E-01
9.9999213E-01 9.4523644E-01 9.9989289E-01

7.124079E+01	9.9998641E-01	9.9999809E-01	9.3335521E-01	9.9997622E-01
9.9999219E-01	9.4314295E-01	9.9989289E-01		
7.175066E+01	9.9998713E-01	9.9999619E-01	8.8417399E-01	9.9997658E-01
9.9999237E-01	9.3800533E-01	9.9989283E-01		
7.227091E+01	9.9998695E-01	9.9999523E-01	8.4248757E-01	9.9997628E-01
9.9999225E-01	9.1316158E-01	9.9989218E-01		
7.277091E+01	9.9998778E-01	9.9999398E-01	8.3323741E-01	9.9997741E-01
9.9999201E-01	8.6632597E-01	9.9989098E-01		
7.327091E+01	9.9998862E-01	9.9999154E-01	8.3152294E-01	9.9997884E-01
9.9999124E-01	8.1843877E-01	9.9988979E-01		
7.377091E+01	9.9998796E-01	9.9999213E-01	8.3013266E-01	9.9997956E-01
9.9998868E-01	7.8011423E-01	9.9988860E-01		
7.427091E+01	9.9998802E-01	9.9999470E-01	8.2132500E-01	9.9997801E-01
9.9998724E-01	7.5844032E-01	9.9988776E-01		
7.478299E+01	9.9998772E-01	9.9999285E-01	8.0220628E-01	9.9997216E-01
9.9998164E-01	7.4680257E-01	9.9988693E-01		
7.528299E+01	9.9998474E-01	9.9999321E-01	7.9436684E-01	9.9997085E-01
9.9998242E-01	7.6440060E-01	9.9988693E-01		
7.578299E+01	9.9998331E-01	9.9999386E-01	8.1311917E-01	9.9997026E-01
9.9998277E-01	7.8681117E-01	9.9988878E-01		
7.628299E+01	9.9998319E-01	9.9999416E-01	8.3132744E-01	9.9996638E-01
9.9997950E-01	8.0821240E-01	9.9989116E-01		
7.678299E+01	9.9998337E-01	9.9999440E-01	8.3490783E-01	9.9996477E-01
9.9997854E-01	8.2759422E-01	9.9989355E-01		
7.728299E+01	9.9998450E-01	9.9999249E-01	8.2851744E-01	9.9996668E-01
9.9998158E-01	8.4175891E-01	9.9989593E-01		
7.778299E+01	9.9998528E-01	9.9999136E-01	8.2205212E-01	9.9996871E-01
9.9998403E-01	8.4806639E-01	9.9989831E-01		
7.830791E+01	9.9998581E-01	9.9999076E-01	8.2327020E-01	9.9996853E-01
9.9998432E-01	8.4503216E-01	9.9990082E-01		
7.880791E+01	9.9998647E-01	9.9999040E-01	8.3059937E-01	9.9996829E-01
9.9998474E-01	8.3529115E-01	9.9990320E-01		
7.930791E+01	9.9998677E-01	9.9999017E-01	8.3763093E-01	9.9996829E-01
9.9998480E-01	8.2494950E-01	9.9990559E-01		
7.980791E+01	9.9998677E-01	9.9999130E-01	8.4100103E-01	9.9996853E-01
9.9998367E-01	8.1781584E-01	9.9990785E-01		
8.030791E+01	9.9998677E-01	9.9999326E-01	8.3833450E-01	9.9996918E-01
9.9998325E-01	8.1654662E-01	9.9990952E-01		
8.080791E+01	9.9998677E-01	9.9999452E-01	8.3393419E-01	9.9996918E-01
9.9998373E-01	8.2068670E-01	9.9991113E-01		
8.130791E+01	9.9998677E-01	9.9999398E-01	8.3339500E-01	9.9996918E-01
9.9998426E-01	8.2675552E-01	9.9991244E-01		
8.180791E+01	9.9998736E-01	9.9999273E-01	8.3661270E-01	9.9996948E-01
9.9998480E-01	8.3274657E-01	9.9991363E-01		
8.230791E+01	9.9998802E-01	9.9999255E-01	8.4149379E-01	9.9997014E-01
9.9998540E-01	8.3826798E-01	9.9991488E-01		
8.280791E+01	9.9998868E-01	9.9999255E-01	8.4599251E-01	9.9997121E-01
9.9998587E-01	8.4324598E-01	9.9991661E-01		
8.330791E+01	9.9998927E-01	9.9999255E-01	8.4721512E-01	9.9997133E-01
9.9998683E-01	8.4806734E-01	9.9991828E-01		
8.380791E+01	9.9998957E-01	9.9999195E-01	8.4412658E-01	9.9997181E-01
9.9998629E-01	8.4907866E-01	9.9991989E-01		
8.430791E+01	9.9998927E-01	9.9999070E-01	8.3477801E-01	9.9996859E-01
9.9998593E-01	8.4897518E-01	9.9992150E-01		
8.483009E+01	9.9998701E-01	9.9998999E-01	8.3252317E-01	9.9996287E-01
9.9998468E-01	8.4719640E-01	9.9992275E-01		

8.533189E+01	9.9998659E-01	9.9999005E-01	8.3558851E-01	9.9996144E-01
9.9998444E-01	8.4210151E-01	9.9992412E-01		
8.583189E+01	9.9998713E-01	9.9999034E-01	8.3702409E-01	9.9996269E-01
9.9998486E-01	8.3607870E-01	9.9992591E-01		
8.634407E+01	9.9998802E-01	9.9999052E-01	8.3440280E-01	9.9996501E-01
9.9998575E-01	8.3098769E-01	9.9992764E-01		
8.686680E+01	9.9998862E-01	9.9999160E-01	8.3041567E-01	9.9996728E-01
9.9998659E-01	8.2682133E-01	9.9992925E-01		
8.738983E+01	9.9998975E-01	9.9999249E-01	8.2792389E-01	9.9996972E-01
9.9998730E-01	8.2363540E-01	9.9993104E-01		
8.789572E+01	9.9998975E-01	9.9999297E-01	8.2798100E-01	9.9997175E-01
9.9998784E-01	8.2162780E-01	9.9993277E-01		
8.841684E+01	9.9998903E-01	9.9999273E-01	8.3043283E-01	9.9997371E-01
9.9998772E-01	8.2126135E-01	9.9993503E-01		
8.892328E+01	9.9998629E-01	9.9999046E-01	8.0406570E-01	9.9996936E-01
9.9998683E-01	8.1752968E-01	9.9993545E-01		
8.943372E+01	9.9998820E-01	9.9999195E-01	8.0279905E-01	9.9997109E-01
9.9998671E-01	8.0452752E-01	9.9993885E-01		
8.995622E+01	9.9998951E-01	9.9999356E-01	8.3746028E-01	9.9997431E-01
9.9998689E-01	7.9220915E-01	9.9994260E-01		
9.045622E+01	9.9999058E-01	9.9999428E-01	8.6639553E-01	9.9997699E-01
9.9998564E-01	7.9540271E-01	9.9994618E-01		
9.096755E+01	9.9999082E-01	9.9999541E-01	8.6236960E-01	9.9997991E-01
9.9998760E-01	8.2223880E-01	9.9994957E-01		
9.146755E+01	9.9999249E-01	9.9999660E-01	8.4882665E-01	9.9998218E-01
9.9998987E-01	8.5039002E-01	9.9995208E-01		
9.196755E+01	9.9999398E-01	9.9999660E-01	8.4396023E-01	9.9998420E-01
9.9999177E-01	8.6849236E-01	9.9995446E-01		
9.248622E+01	9.9999481E-01	9.9999607E-01	8.5028809E-01	9.9998522E-01
9.9999231E-01	8.7594062E-01	9.9995667E-01		
9.299437E+01	9.9999481E-01	9.9999559E-01	8.6415613E-01	9.9998522E-01
9.9999219E-01	8.7482440E-01	9.9995822E-01		
9.350123E+01	9.9999481E-01	9.9999511E-01	8.7709236E-01	9.9998546E-01
9.9999201E-01	8.7119275E-01	9.9995947E-01		
9.401919E+01	9.9999446E-01	9.9999535E-01	8.8347042E-01	9.9998319E-01
9.9999070E-01	8.6978698E-01	9.9996078E-01		
9.453943E+01	9.9999487E-01	9.9999624E-01	8.8489014E-01	9.9998313E-01
9.9999034E-01	8.7181777E-01	9.9996144E-01		
9.504118E+01	9.9999720E-01	9.9999720E-01	8.8673747E-01	9.9998575E-01
9.9999118E-01	8.7686187E-01	9.9996185E-01		
9.554896E+01	9.9999875E-01	9.9999756E-01	8.9336503E-01	9.9998766E-01
9.9999201E-01	8.8331705E-01	9.9996346E-01		
9.604896E+01	9.9999899E-01	9.9999768E-01	9.0219241E-01	9.9998832E-01
9.9999225E-01	8.9038306E-01	9.9996465E-01		
9.654896E+01	9.9999899E-01	9.9999791E-01	9.1025150E-01	9.9998873E-01
9.9999249E-01	8.9805144E-01	9.9996585E-01		
9.706335E+01	9.9999899E-01	9.9999797E-01	9.1608351E-01	9.9998891E-01
9.9999261E-01	9.0634155E-01	9.9996626E-01		
9.758144E+01	9.9999905E-01	9.9999815E-01	9.2027932E-01	9.9998951E-01
9.9999309E-01	9.1439372E-01	9.9996710E-01		
9.808710E+01	9.9999905E-01	9.9999815E-01	9.2403865E-01	9.9999005E-01
9.9999344E-01	9.2139786E-01	9.9996740E-01		
9.859486E+01	9.9999905E-01	9.9999791E-01	9.2791539E-01	9.9999088E-01
9.9999446E-01	9.2736042E-01	9.9996799E-01		
9.910259E+01	9.9999905E-01	9.9999756E-01	9.3183690E-01	9.9999148E-01
9.9999493E-01	9.3229973E-01	9.9996817E-01		

9.960883E+01	9.9999905E-01	9.9999708E-01	9.3586272E-01	9.9999261E-01
9.9999529E-01	9.3625140E-01	9.9996918E-01		
1.050470E+02	9.9999946E-01	9.9999708E-01	9.3586230E-01	9.9999607E-01
9.9999672E-01	9.3997324E-01	9.9997842E-01		
1.100490E+02	9.9999946E-01	9.9999946E-01	9.3305099E-01	9.9999881E-01
9.9999654E-01	9.0628260E-01	9.9998915E-01		
1.150536E+02	9.9999964E-01	9.9999928E-01	9.5409852E-01	9.9999923E-01
9.9999833E-01	9.6204627E-01	9.9999636E-01		
1.200844E+02	9.9999988E-01	1.0000000E+00	9.5486391E-01	9.9999982E-01
9.9999857E-01	9.5217943E-01	9.9999905E-01		
1.251066E+02	9.9999988E-01	9.9999976E-01	9.5878583E-01	9.9999982E-01
9.9999869E-01	9.6373379E-01	9.9999905E-01		
1.301141E+02	9.9999994E-01	9.9999964E-01	9.5914298E-01	9.9999988E-01
9.9999857E-01	9.5663035E-01	9.9999917E-01		
1.351283E+02	9.9999994E-01	1.0000000E+00	9.5854616E-01	9.9999988E-01
9.9999905E-01	9.6373850E-01	9.9999928E-01		
1.401329E+02	9.9999994E-01	1.0000000E+00	9.5817441E-01	9.9999988E-01
9.9999911E-01	9.5624858E-01	9.9999934E-01		
1.451352E+02	9.9999994E-01	1.0000000E+00	9.6032256E-01	9.9999988E-01
9.9999923E-01	9.5997947E-01	9.9999934E-01		
1.501399E+02	9.9999994E-01	1.0000000E+00	9.6600425E-01	9.9999988E-01
9.9999923E-01	9.6333313E-01	9.9999934E-01		
1.551709E+02	9.9999994E-01	1.0000000E+00	9.7513002E-01	9.9999988E-01
9.9999940E-01	9.7561556E-01	9.9999934E-01		
1.602165E+02	9.9999994E-01	1.0000000E+00	9.7953331E-01	9.9999988E-01
9.9999952E-01	9.7894531E-01	9.9999934E-01		
1.652350E+02	9.9999994E-01	1.0000000E+00	9.7860318E-01	9.9999988E-01
9.9999964E-01	9.7880095E-01	9.9999934E-01		
1.702598E+02	9.9999994E-01	1.0000000E+00	9.7644669E-01	9.9999988E-01
9.9999964E-01	9.7617382E-01	9.9999934E-01		
1.752735E+02	9.9999994E-01	1.0000000E+00	9.8151708E-01	9.9999988E-01
9.9999970E-01	9.7962159E-01	9.9999934E-01		
1.802951E+02	9.9999994E-01	1.0000000E+00	9.8146707E-01	9.9999988E-01
9.9999994E-01	9.8433834E-01	9.9999934E-01		
1.853119E+02	9.9999994E-01	1.0000000E+00	9.8210800E-01	9.9999988E-01
9.9999976E-01	9.8183328E-01	9.9999934E-01		
1.903279E+02	9.9999994E-01	1.0000000E+00	9.8589230E-01	9.9999988E-01
9.9999988E-01	9.8253024E-01	9.9999934E-01		
1.953564E+02	9.9999994E-01	1.0000000E+00	9.8331445E-01	9.9999988E-01
9.9999994E-01	9.8504961E-01	9.9999934E-01		
2.003570E+02	9.9999994E-01	1.0000000E+00	9.8332340E-01	9.9999988E-01
9.9999994E-01	9.8367751E-01	9.9999934E-01		
2.053755E+02	9.9999994E-01	1.0000000E+00	9.8483235E-01	9.9999988E-01
9.9999994E-01	9.8428267E-01	9.9999934E-01		
2.104183E+02	9.9999994E-01	1.0000000E+00	9.8726624E-01	9.9999988E-01
9.9999994E-01	9.8492873E-01	9.9999934E-01		
2.154335E+02	9.9999994E-01	1.0000000E+00	9.8736042E-01	9.9999988E-01
9.9999994E-01	9.8903036E-01	9.9999934E-01		
2.204606E+02	9.9999994E-01	1.0000000E+00	9.8870289E-01	9.9999988E-01
9.9999994E-01	9.8756975E-01	9.9999934E-01		
2.254792E+02	9.9999994E-01	1.0000000E+00	9.8626190E-01	9.9999988E-01
9.9999994E-01	9.8808920E-01	9.9999934E-01		
2.304864E+02	9.9999994E-01	1.0000000E+00	9.8811156E-01	9.9999988E-01
9.9999994E-01	9.8717350E-01	9.9999934E-01		
2.354968E+02	9.9999994E-01	1.0000000E+00	9.8851836E-01	9.9999988E-01
9.9999994E-01	9.8751622E-01	9.9999934E-01		

2.404991E+02	9.9999994E-01	1.0000000E+00	9.8784739E-01	9.9999988E-01
9.9999994E-01	9.8806161E-01	9.9999934E-01		
2.455048E+02	9.9999994E-01	1.0000000E+00	9.8781902E-01	9.9999988E-01
9.9999994E-01	9.8881298E-01	9.9999934E-01		
2.505233E+02	9.9999994E-01	1.0000000E+00	9.8981899E-01	9.9999988E-01
9.9999994E-01	9.8881662E-01	9.9999934E-01		
2.555298E+02	9.9999994E-01	1.0000000E+00	9.8975122E-01	9.9999988E-01
9.9999994E-01	9.8888725E-01	9.9999934E-01		
2.605788E+02	9.9999994E-01	1.0000000E+00	9.8777419E-01	9.9999988E-01
9.9999994E-01	9.9000353E-01	9.9999934E-01		
2.656043E+02	9.9999994E-01	1.0000000E+00	9.9183571E-01	9.9999988E-01
9.9999994E-01	9.8895872E-01	9.9999934E-01		
2.706539E+02	9.9999994E-01	1.0000000E+00	9.8936796E-01	9.9999988E-01
9.9999994E-01	9.9155837E-01	9.9999934E-01		
2.756957E+02	9.9999994E-01	1.0000000E+00	9.9153244E-01	9.9999988E-01
9.9999994E-01	9.9067003E-01	9.9999934E-01		
2.807159E+02	9.9999994E-01	1.0000000E+00	9.9154329E-01	9.9999988E-01
9.9999994E-01	9.9092519E-01	9.9999934E-01		
2.857581E+02	9.9999994E-01	1.0000000E+00	9.9129581E-01	9.9999988E-01
9.9999994E-01	9.9203217E-01	9.9999934E-01		
2.907736E+02	9.9999994E-01	1.0000000E+00	9.9260736E-01	9.9999988E-01
9.9999994E-01	9.9197417E-01	9.9999934E-01		
2.957799E+02	9.9999994E-01	1.0000000E+00	9.9273324E-01	9.9999988E-01
9.9999994E-01	9.9267948E-01	9.9999934E-01		
3.007857E+02	9.9999994E-01	1.0000000E+00	9.9336535E-01	9.9999988E-01
9.9999994E-01	9.9338436E-01	9.9999934E-01		
3.058138E+02	9.9999994E-01	1.0000000E+00	9.9334037E-01	9.9999988E-01
9.9999994E-01	9.9358034E-01	9.9999934E-01		
3.108138E+02	9.9999994E-01	1.0000000E+00	9.9438012E-01	9.9999988E-01
9.9999994E-01	9.9359393E-01	9.9999934E-01		
3.158304E+02	9.9999994E-01	1.0000000E+00	9.9429250E-01	9.9999988E-01
9.9999994E-01	9.9451852E-01	9.9999934E-01		
3.208480E+02	9.9999994E-01	1.0000000E+00	9.9550003E-01	9.9999988E-01
9.9999994E-01	9.9510223E-01	9.9999934E-01		
3.258746E+02	9.9999994E-01	1.0000000E+00	9.9543005E-01	9.9999988E-01
9.9999994E-01	9.9574763E-01	9.9999934E-01		
3.308900E+02	9.9999994E-01	1.0000000E+00	9.9591362E-01	9.9999988E-01
9.9999994E-01	9.9596184E-01	9.9999934E-01		
3.358961E+02	9.9999994E-01	1.0000000E+00	9.9576408E-01	9.9999988E-01
9.9999994E-01	9.9599886E-01	9.9999934E-01		
3.409074E+02	9.9999994E-01	1.0000000E+00	9.9588329E-01	9.9999988E-01
9.9999994E-01	9.9581158E-01	9.9999934E-01		
3.459233E+02	9.9999994E-01	1.0000000E+00	9.9612463E-01	9.9999988E-01
9.9999994E-01	9.9580997E-01	9.9999934E-01		
3.509260E+02	9.9999994E-01	1.0000000E+00	9.9597734E-01	9.9999988E-01
9.9999994E-01	9.9612147E-01	9.9999934E-01		
3.559283E+02	9.9999994E-01	1.0000000E+00	9.9622905E-01	9.9999988E-01
9.9999994E-01	9.9624723E-01	9.9999934E-01		
3.609366E+02	9.9999994E-01	1.0000000E+00	9.9623173E-01	9.9999988E-01
9.9999994E-01	9.9629718E-01	9.9999934E-01		
3.659482E+02	9.9999994E-01	1.0000000E+00	9.9625105E-01	9.9999988E-01
9.9999994E-01	9.9627846E-01	9.9999934E-01		
3.709486E+02	9.9999994E-01	1.0000000E+00	9.9633563E-01	9.9999988E-01
9.9999994E-01	9.9625844E-01	9.9999934E-01		
3.759580E+02	9.9999994E-01	1.0000000E+00	9.9639726E-01	9.9999988E-01
9.9999994E-01	9.9633026E-01	9.9999934E-01		

3.809612E+02	9.9999994E-01	1.0000000E+00	9.9643284E-01	9.9999988E-01
9.9999994E-01	9.9645174E-01	9.9999934E-01		
3.859788E+02	9.9999994E-01	1.0000000E+00	9.9661112E-01	9.9999988E-01
9.9999994E-01	9.9654591E-01	9.9999934E-01		
3.910090E+02	9.9999994E-01	1.0000000E+00	9.9684948E-01	9.9999988E-01
9.9999994E-01	9.9669498E-01	9.9999934E-01		
3.960181E+02	9.9999994E-01	1.0000000E+00	9.9705458E-01	9.9999988E-01
9.9999994E-01	9.9694830E-01	9.9999934E-01		
4.010229E+02	9.9999988E-01	9.9999994E-01	9.9704105E-01	9.9999988E-01
9.9999994E-01	9.9719203E-01	9.9999934E-01		
4.060714E+02	9.9999988E-01	9.9999994E-01	9.9708879E-01	9.9999988E-01
9.9999994E-01	9.9723250E-01	9.9999934E-01		
4.111179E+02	9.9999988E-01	9.9999994E-01	9.9720079E-01	9.9999988E-01
9.9999994E-01	9.9714708E-01	9.9999934E-01		
4.161518E+02	9.9999988E-01	9.9999994E-01	9.9718618E-01	9.9999988E-01
9.9999994E-01	9.9711788E-01	9.9999934E-01		
4.211620E+02	9.9999988E-01	9.9999994E-01	9.9712932E-01	9.9999988E-01
9.9999994E-01	9.9713910E-01	9.9999934E-01		
4.261913E+02	9.9999988E-01	9.9999994E-01	9.9711293E-01	9.9999988E-01
9.9999994E-01	9.9713683E-01	9.9999934E-01		
4.311930E+02	9.9999988E-01	9.9999994E-01	9.9693656E-01	9.9999988E-01
9.9999994E-01	9.9707717E-01	9.9999934E-01		
4.361968E+02	9.9999988E-01	9.9999994E-01	9.9660850E-01	9.9999988E-01
9.9999994E-01	9.9683452E-01	9.9999934E-01		
4.412443E+02	9.9999988E-01	9.9999994E-01	9.9605620E-01	9.9999988E-01
9.9999994E-01	9.9631089E-01	9.9999934E-01		
4.462449E+02	9.9999988E-01	9.9999994E-01	9.9539185E-01	9.9999988E-01
9.9999994E-01	9.9548423E-01	9.9999934E-01		
4.512502E+02	9.9999988E-01	9.9999994E-01	9.9469036E-01	9.9999988E-01
9.9999994E-01	9.9459630E-01	9.9999934E-01		
4.562851E+02	9.9999988E-01	9.9999994E-01	9.9420196E-01	9.9999988E-01
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4.613121E+02	9.9999988E-01	9.9999994E-01	9.9429065E-01	9.9999988E-01
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4.663397E+02	9.9999988E-01	9.9999994E-01	9.9429017E-01	9.9999988E-01
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4.713776E+02	9.9999988E-01	9.9999994E-01	9.9502993E-01	9.9999988E-01
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4.763856E+02	9.9999988E-01	9.9999994E-01	9.9533558E-01	9.9999988E-01
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4.814128E+02	9.9999988E-01	9.9999994E-01	9.9462503E-01	9.9999988E-01
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4.864223E+02	9.9999988E-01	9.9999994E-01	9.9546778E-01	9.9999988E-01
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4.914722E+02	9.9999988E-01	9.9999994E-01	9.9591321E-01	9.9999988E-01
9.9999994E-01	9.9521863E-01	9.9999934E-01		
4.964919E+02	9.9999988E-01	9.9999994E-01	9.9595755E-01	9.9999988E-01
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5.065450E+02	9.9999988E-01	1.0000000E+00	9.9713129E-01	9.9999988E-01
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5.115457E+02	9.9999988E-01	1.0000000E+00	9.9629927E-01	9.9999988E-01
9.9999994E-01	9.9716038E-01	9.9999934E-01		
5.165457E+02	9.9999988E-01	1.0000000E+00	9.9459374E-01	9.9999988E-01
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5.316183E+02	9.9999988E-01	1.0000000E+00	9.9312967E-01	9.9999988E-01
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2.6981506E-01	3.2868667E-04	9.9999934E-01		
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2.9469728E-01	2.1257845E-05	9.9999934E-01		
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1.143988E+03	8.3226091E-01	4.0700379E-01	5.3030215E-03	8.8646269E-01
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4.3457636E-01	6.0393331E-03	9.9999934E-01		
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1.499726E+03	9.9999952E-01	6.5941298E-01	1.7720642E-02	9.9999940E-01
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1.514772E+03	9.9999958E-01	3.6726716E-01	7.4846430E-05	9.9999958E-01
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1.524844E+03	9.9796516E-01	4.9412453E-01	3.7903312E-05	9.9750489E-01
3.3981615E-01	4.4579094E-04	9.9999934E-01		
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1.534859E+03	9.9999958E-01	3.7842086E-01	2.7358801E-05	9.9999964E-01
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1.539868E+03	9.9999958E-01	3.8340023E-01	0.0000000E+00	9.9999964E-01
4.2007154E-01	0.0000000E+00	9.9999934E-01		
1.544881E+03	9.9680078E-01	4.2899227E-01	4.5438923E-05	9.9968934E-01
3.3435926E-01	7.3455943E-05	9.9999934E-01		
1.549901E+03	9.9999863E-01	6.2159818E-01	7.5495002E-05	9.9999940E-01
7.1607411E-01	1.4291494E-04	9.9999934E-01		
1.554901E+03	9.9999964E-01	3.8412714E-01	0.0000000E+00	9.9999964E-01
4.5263055E-01	1.1142128E-05	9.9999934E-01		
1.559921E+03	9.9999964E-01	3.6423030E-01	1.0709584E-03	9.9999964E-01
3.6085284E-01	1.0261205E-03	9.9999934E-01		
1.564944E+03	9.1012186E-01	1.0194797E-01	1.3413974E-02	8.7390387E-01
7.4132152E-02	5.5585303E-03	9.9999934E-01		
1.569956E+03	9.0468341E-01	2.2203326E-02	9.0535672E-05	8.9988089E-01
3.1043154E-03	3.3868484E-03	9.9999934E-01		
1.574956E+03	9.9154812E-01	3.2754454E-01	1.0303101E-04	9.7571385E-01
3.8254023E-01	8.2260901E-03	9.9999934E-01		
1.579956E+03	9.9098623E-01	4.4986793E-01	8.9762980E-05	9.7602516E-01
4.3425411E-01	9.3725249E-03	9.9999934E-01		
1.584956E+03	9.9162525E-01	5.6568515E-01	1.0524713E-04	9.7565210E-01
5.4246950E-01	1.0656944E-02	9.9999934E-01		
1.589956E+03	9.9397659E-01	7.3431569E-01	9.8729462E-05	9.8244435E-01
6.9520432E-01	1.1727951E-02	9.9999934E-01		
1.594956E+03	9.9471295E-01	7.1136272E-01	4.5085053E-05	9.8466480E-01
6.9117975E-01	8.1863515E-03	9.9999934E-01		
1.599956E+03	9.9966455E-01	7.5643271E-01	8.7675326E-06	9.9926341E-01
7.2372276E-01	3.5823039E-03	9.9999934E-01		
1.604956E+03	9.9999803E-01	6.5871584E-01	0.0000000E+00	9.9999595E-01
6.6523802E-01	1.0144142E-03	9.9999934E-01		
1.609956E+03	9.9999946E-01	5.4324049E-01	0.0000000E+00	9.9999934E-01
5.3364933E-01	2.3103690E-04	9.9999934E-01		
1.614956E+03	9.9999946E-01	4.9273491E-01	0.0000000E+00	9.9999934E-01
4.8634991E-01	2.0401352E-04	9.9999934E-01		
1.619956E+03	9.9999946E-01	4.8801467E-01	0.0000000E+00	9.9999934E-01
4.8306683E-01	2.5826634E-04	9.9999934E-01		
1.624956E+03	9.9999946E-01	5.1711172E-01	0.0000000E+00	9.9999934E-01
5.1879525E-01	5.6212029E-04	9.9999934E-01		
1.629956E+03	9.9999946E-01	4.8609701E-01	9.4532130E-05	9.9999934E-01
4.8534596E-01	4.0751198E-04	9.9999934E-01		
1.634956E+03	9.9999946E-01	4.4243953E-01	1.2416669E-04	9.9999934E-01
4.2753157E-01	6.1596959E-04	9.9999934E-01		
1.639972E+03	9.9999946E-01	4.4950524E-01	5.0440739E-04	9.9999934E-01
4.2177191E-01	1.0848657E-03	9.9999934E-01		

1.644972E+03 9.9999946E-01 4.5871681E-01 7.4236596E-04 9.9999934E-01
4.7323388E-01 1.3446362E-03 9.9999934E-01
1.649982E+03 9.9999946E-01 4.6528083E-01 1.8938885E-03 9.9999934E-01
4.8576784E-01 1.3323793E-03 9.9999934E-01
1.654998E+03 9.9999940E-01 4.6688271E-01 4.9529965E-03 9.9999934E-01
4.4800663E-01 2.6407298E-03 9.9999934E-01
1.660028E+03 9.9999934E-01 4.5474741E-01 2.3757205E-03 9.9999940E-01
4.5621878E-01 2.9535987E-03 9.9999934E-01
1.665028E+03 9.9999934E-01 4.4177037E-01 2.3421429E-03 9.9999940E-01
4.4467434E-01 2.8429290E-03 9.9999934E-01
1.670048E+03 9.9999940E-01 4.1456273E-01 2.4992863E-03 9.9999940E-01
3.9168969E-01 2.3921784E-03 9.9999934E-01
1.675065E+03 9.9999934E-01 4.7727466E-01 2.1102675E-03 9.9999917E-01
4.5512575E-01 2.6909432E-03 9.9999934E-01
1.680108E+03 9.9999940E-01 5.7521141E-01 2.1016216E-03 9.9999940E-01
5.4843944E-01 2.4788955E-03 9.9999934E-01
1.685146E+03 9.9999946E-01 5.8824784E-01 1.5450895E-03 9.9999946E-01
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1.690150E+03 9.9999946E-01 4.2662567E-01 1.4801545E-03 9.9999946E-01
4.2368919E-01 3.5244019E-03 9.9999934E-01
1.695192E+03 9.9999881E-01 1.8261003E-01 1.2950347E-03 9.9999845E-01
1.9889204E-01 2.0339973E-03 9.9999934E-01
1.700202E+03 9.9994117E-01 2.5947231E-01 2.3471632E-03 9.9989033E-01
2.0954908E-01 7.6892222E-03 9.9999934E-01
1.705202E+03 9.9627262E-01 7.2142607E-01 1.8566487E-03 9.8885089E-01
7.1244621E-01 6.7850547E-03 9.9999934E-01
1.710202E+03 9.9995112E-01 4.4332984E-01 7.6953589E-04 9.9989855E-01
3.5962743E-01 1.5079078E-02 9.9999934E-01
1.715202E+03 9.9999934E-01 5.2991879E-01 8.3859300E-04 9.9999928E-01
4.9163631E-01 1.3104974E-03 9.9999934E-01
1.720212E+03 9.9999934E-01 4.3345255E-01 5.0619815E-04 9.9999934E-01
4.0410700E-01 1.5487840E-03 9.9999934E-01
1.725225E+03 9.9999940E-01 4.0946525E-01 4.4074224E-04 9.9999934E-01
3.8885787E-01 6.7209373E-03 9.9999934E-01
1.730267E+03 9.9999493E-01 3.4417325E-01 5.6117387E-03 9.9999934E-01
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1.735300E+03 8.5832113E-01 6.9693262E-03 2.2140730E-03 8.6267006E-01
8.0257179E-03 3.6677804E-03 9.9999934E-01
1.740300E+03 9.8838925E-01 2.8671727E-01 6.6886656E-04 9.7199810E-01
2.8681478E-01 9.2136031E-03 9.9999934E-01
1.745300E+03 9.8903942E-01 1.6026457E-01 8.2574587E-04 9.7299975E-01
1.8916702E-01 9.5618116E-03 9.9999934E-01
1.750300E+03 9.9175513E-01 2.8367251E-01 4.2435718E-03 9.8051298E-01
2.8141993E-01 1.0981914E-02 9.9999934E-01
1.755300E+03 9.9419284E-01 5.5121881E-01 1.7644753E-03 9.8426485E-01
5.0742936E-01 1.4065186E-02 9.9999934E-01
1.760300E+03 9.9159896E-01 4.0793654E-01 5.7980337E-04 9.7936624E-01
4.0661573E-01 1.2147803E-02 9.9999934E-01
1.765300E+03 9.9394488E-01 6.8825901E-01 1.2055740E-03 9.8135674E-01
6.4834428E-01 1.2755830E-02 9.9999934E-01
1.770300E+03 9.9215186E-01 2.1234493E-01 2.1804632E-04 9.7930795E-01
2.2807033E-01 7.8280671E-03 9.9999934E-01
1.775300E+03 9.9289590E-01 1.7426385E-01 5.3077755E-03 9.8151630E-01
2.1355847E-01 5.3329878E-03 9.9999934E-01
1.780300E+03 9.9751699E-01 7.9706520E-01 3.4621805E-03 9.9498403E-01
9.8494011E-01 3.6513705E-02 9.9999934E-01

1.785300E+03	9.9998373E-01	7.2885484E-01	1.2533026E-02	9.9994504E-01
5.5514419E-01	5.6525838E-02	9.9999934E-01		
1.790312E+03	9.9999928E-01	5.7529712E-01	1.5944322E-03	9.9999934E-01
5.4224348E-01	1.8469651E-03	9.9999934E-01		
1.795348E+03	9.9999940E-01	5.6944990E-01	1.4172477E-03	9.9999940E-01
6.0194802E-01	1.4236544E-03	9.9999934E-01		
1.800348E+03	9.9999940E-01	7.8952688E-01	2.3333041E-03	9.9999940E-01
8.2020146E-01	7.9900329E-04	9.9999934E-01		
1.805392E+03	9.9999952E-01	6.6149849E-01	1.4503580E-02	9.9999952E-01
6.8280309E-01	2.2865986E-03	9.9999934E-01		
1.810392E+03	9.9999952E-01	6.0446990E-01	1.3156259E-02	9.9999952E-01
6.7435211E-01	1.4896877E-04	9.9999934E-01		
1.815392E+03	9.9999952E-01	6.6082919E-01	7.4107908E-03	9.9999952E-01
6.8698639E-01	9.3035182E-05	9.9999934E-01		
1.820392E+03	9.9999958E-01	6.5055650E-01	2.8887583E-04	9.9999952E-01
6.5381110E-01	5.1239174E-05	9.9999934E-01		
1.825392E+03	9.9999958E-01	5.5280310E-01	9.8799494E-05	9.9999952E-01
5.6232226E-01	4.1825941E-05	9.9999934E-01		
1.830440E+03	9.9999958E-01	6.2254322E-01	1.3527689E-04	9.9999952E-01
6.1317855E-01	3.0548468E-05	9.9999934E-01		
1.835440E+03	9.9999958E-01	4.9424946E-01	1.3598349E-04	9.9999952E-01
4.9719390E-01	1.8502495E-04	9.9999934E-01		
1.840440E+03	9.9999958E-01	4.8716408E-01	1.3955186E-04	9.9999952E-01
4.9788311E-01	9.7167469E-04	9.9999934E-01		
1.845440E+03	9.9999958E-01	4.3013924E-01	4.6597351E-04	9.9999952E-01
4.2403072E-01	7.2854158E-04	9.9999934E-01		
1.850440E+03	9.9999958E-01	4.1303587E-01	2.2893986E-03	9.9999952E-01
4.1658717E-01	7.2513398E-04	9.9999934E-01		
1.855440E+03	9.9999958E-01	4.1813192E-01	7.3378335E-04	9.9999952E-01
4.1891217E-01	6.3314306E-04	9.9999934E-01		
1.860440E+03	9.9999958E-01	5.1023966E-01	6.9375458E-04	9.9999952E-01
5.0068623E-01	8.9280517E-04	9.9999934E-01		
1.865440E+03	9.9999958E-01	4.7033754E-01	4.5558810E-04	9.9999952E-01
4.6160764E-01	1.2001027E-03	9.9999934E-01		
1.870459E+03	9.9999958E-01	3.9591709E-01	4.9516594E-04	9.9999952E-01
3.9546883E-01	1.3716496E-03	9.9999934E-01		
1.875459E+03	9.9999958E-01	4.3195635E-01	7.1765477E-04	9.9999952E-01
4.4068176E-01	1.8789158E-03	9.9999934E-01		
1.880459E+03	9.9999958E-01	3.8460690E-01	9.7812968E-04	9.9999952E-01
3.7310651E-01	1.0884845E-03	9.9999934E-01		
1.885502E+03	9.9999958E-01	4.1385314E-01	4.5660990E-03	9.9999952E-01
4.3329358E-01	9.7847311E-04	9.9999934E-01		
1.890502E+03	9.9999958E-01	4.3976122E-01	2.0184368E-03	9.9999952E-01
4.4355983E-01	1.5376675E-03	9.9999934E-01		
1.895548E+03	9.9999958E-01	4.0669271E-01	1.3122483E-03	9.9999952E-01
3.8698444E-01	3.2578935E-03	9.9999934E-01		
1.900587E+03	9.9999958E-01	5.2518934E-01	2.1158820E-03	9.9999952E-01
5.2005976E-01	3.3648105E-03	9.9999934E-01		
1.905594E+03	9.9999958E-01	5.5547220E-01	1.5653102E-03	9.9999952E-01
5.5663556E-01	2.1393893E-03	9.9999934E-01		
1.910599E+03	9.9999958E-01	4.3538201E-01	6.6700688E-04	9.9999952E-01
4.3881413E-01	1.0460578E-03	9.9999934E-01		
1.915604E+03	9.9999958E-01	4.9157810E-01	1.2955207E-03	9.9999952E-01
4.9312064E-01	1.1961114E-03	9.9999934E-01		
1.920619E+03	9.9999958E-01	4.4068316E-01	4.0470157E-03	9.9999952E-01
4.3215615E-01	1.1061529E-03	9.9999934E-01		

1.925623E+03	9.9999958E-01	4.3444785E-01	2.0970583E-03	9.9999952E-01
4.3430310E-01	2.3199187E-03	9.9999934E-01		
1.930635E+03	9.9999958E-01	3.5258242E-01	1.7571126E-03	9.9999952E-01
3.4426045E-01	1.8646508E-03	9.9999934E-01		
1.935664E+03	9.9999958E-01	4.1550618E-01	1.8066529E-03	9.9999952E-01
4.0771395E-01	3.7612400E-03	9.9999934E-01		
1.940709E+03	9.9999958E-01	4.0826505E-01	1.6136613E-03	9.9999952E-01
4.1655326E-01	2.9690685E-03	9.9999934E-01		
1.945709E+03	9.9999958E-01	4.2049548E-01	5.9555508E-03	9.9999952E-01
4.1070014E-01	3.1322690E-03	9.9999934E-01		
1.950755E+03	9.9999958E-01	3.5470948E-01	4.0937648E-03	9.9999952E-01
3.5784811E-01	3.9709308E-03	9.9999934E-01		
1.955762E+03	9.9999958E-01	3.4877530E-01	3.4659375E-03	9.9999952E-01
3.3732313E-01	6.1490824E-03	9.9999934E-01		
1.960784E+03	9.9999958E-01	3.6737302E-01	2.2657092E-03	9.9999952E-01
3.5692891E-01	3.7775896E-03	9.9999934E-01		
1.965832E+03	9.9999958E-01	3.9174047E-01	2.0232538E-03	9.9999952E-01
4.0681884E-01	1.8267217E-03	9.9999934E-01		
1.970878E+03	9.9999958E-01	3.4545982E-01	6.7731380E-03	9.9999952E-01
3.3364072E-01	1.4412199E-03	9.9999934E-01		
1.975889E+03	9.9999958E-01	2.7397138E-01	3.4191143E-03	9.9999952E-01
2.7616954E-01	3.4172100E-03	9.9999934E-01		
1.980934E+03	9.9999958E-01	2.3055300E-01	5.7044304E-03	9.9999952E-01
2.3808992E-01	1.8684666E-03	9.9999934E-01		
1.985934E+03	2.6880383E-01	2.5561883E-03	9.9209766E-04	3.0424750E-01
1.7718209E-03	6.3023297E-04	9.9999934E-01		
1.990934E+03	9.8049152E-01	1.7565463E-03	5.0948756E-03	9.7914594E-01
1.9113817E-03	6.6189100E-03	9.9999934E-01		
1.995934E+03	9.9256259E-01	6.2606084E-01	1.0597084E-03	9.7960055E-01
6.0296047E-01	1.3323136E-02	9.9999934E-01		
2.000034E+03	9.9341035E-01	3.7188488E-01	4.5457698E-04	9.8197967E-01
3.7492815E-01	1.0182288E-02	9.9999934E-01		

TIME (sec)	ALP992003	ALP991903	ALP992102	ALP992002
ALP991902	ALP992101	ALP992001		
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9.9734002E-01	9.9999899E-01	9.9690998E-01		
1.003469E-01	9.9752671E-01	9.9773884E-01	9.9999899E-01	9.9718279E-01
9.9733984E-01	9.9999899E-01	9.9690783E-01		
2.016405E-01	9.9751866E-01	9.9773204E-01	9.9999899E-01	9.9717218E-01
9.9733531E-01	9.9999899E-01	9.9689627E-01		
3.143499E-01	9.9750996E-01	9.9772131E-01	9.9999899E-01	9.9716163E-01
9.9732774E-01	9.9999905E-01	9.9688512E-01		
4.176774E-01	9.9750161E-01	9.9771035E-01	9.9999899E-01	9.9715227E-01
9.9731958E-01	9.9999899E-01	9.9687535E-01		
5.179474E-01	9.9749237E-01	9.9769878E-01	9.9999869E-01	9.9714214E-01
9.9731040E-01	9.9999863E-01	9.9686468E-01		
6.236274E-01	9.9748188E-01	9.9768591E-01	9.9999803E-01	9.9713123E-01
9.9729967E-01	9.9999809E-01	9.9685317E-01		
7.657229E-01	9.9746698E-01	9.9766815E-01	9.9999666E-01	9.9711621E-01
9.9728405E-01	9.9999702E-01	9.9683702E-01		
8.878756E-01	9.9745286E-01	9.9765247E-01	9.9999499E-01	9.9710238E-01
9.9726963E-01	9.9999559E-01	9.9682158E-01		
9.933645E-01	9.9744040E-01	9.9763870E-01	9.9999326E-01	9.9709064E-01
9.9725670E-01	9.9999410E-01	9.9680805E-01		
1.524044E+00	9.9738461E-01	9.9757743E-01	9.9998260E-01	9.9704695E-01
9.9720204E-01	9.9998438E-01	9.9674964E-01		

2.030162E+00	9.9734569E-01	9.9753112E-01	9.9997407E-01	9.9702913E-01
9.9717414E-01	9.9997580E-01	9.9671263E-01		
2.550346E+00	9.9728239E-01	9.9741596E-01	9.9996692E-01	9.9702716E-01
9.9716246E-01	9.9996799E-01	9.9668753E-01		
3.062366E+00	9.9730796E-01	9.9741662E-01	9.9996209E-01	9.9713308E-01
9.9722344E-01	9.9996144E-01	9.9678010E-01		
3.562366E+00	9.9738497E-01	9.9751633E-01	9.9994755E-01	9.9725425E-01
9.9738431E-01	9.9994618E-01	9.9688971E-01		
4.082775E+00	9.9749988E-01	9.9764454E-01	9.9992120E-01	9.9741292E-01
9.9759066E-01	9.9991828E-01	9.9703866E-01		
4.604100E+00	9.9767613E-01	9.9781024E-01	9.9990118E-01	9.9764699E-01
9.9783283E-01	9.9989259E-01	9.9727035E-01		
5.125216E+00	9.9787819E-01	9.9800092E-01	9.9988633E-01	9.9791121E-01
9.9809748E-01	9.9987209E-01	9.9754125E-01		
5.625216E+00	9.9809331E-01	9.9820274E-01	9.9987543E-01	9.9817073E-01
9.9835348E-01	9.9985641E-01	9.9781388E-01		
6.125216E+00	9.9832225E-01	9.9841636E-01	9.9986702E-01	9.9842483E-01
9.9860805E-01	9.9984175E-01	9.9808872E-01		
6.625216E+00	9.9855518E-01	9.9863452E-01	9.9985874E-01	9.9866152E-01
9.9883330E-01	9.9982870E-01	9.9835688E-01		
7.125216E+00	9.9877983E-01	9.9884582E-01	9.9985188E-01	9.9887818E-01
9.9902618E-01	9.9981809E-01	9.9861538E-01		
7.625216E+00	9.9898195E-01	9.9904150E-01	9.9984771E-01	9.9908274E-01
9.9920070E-01	9.9981123E-01	9.9887049E-01		
8.125216E+00	9.9917001E-01	9.9920934E-01	9.9984473E-01	9.9927372E-01
9.9936098E-01	9.9980617E-01	9.9913216E-01		
8.625216E+00	9.9937516E-01	9.9939251E-01	9.9984479E-01	9.9949396E-01
9.9954146E-01	9.9980301E-01	9.9940372E-01		
9.146049E+00	9.9955148E-01	9.9956596E-01	9.9984795E-01	9.9966466E-01
9.9970835E-01	9.9980074E-01	9.9961096E-01		
9.646049E+00	9.9968541E-01	9.9970275E-01	9.9985152E-01	9.9978089E-01
9.9982148E-01	9.9979836E-01	9.9975324E-01		
1.014605E+01	9.9978030E-01	9.9979943E-01	9.9985552E-01	9.9985611E-01
9.9989104E-01	9.9979687E-01	9.9984330E-01		
1.064605E+01	9.9984449E-01	9.9986434E-01	9.9986023E-01	9.9990326E-01
9.9992913E-01	9.9979633E-01	9.9989808E-01		
1.114605E+01	9.9988848E-01	9.9990672E-01	9.9986410E-01	9.9993414E-01
9.9994606E-01	9.9979639E-01	9.9993259E-01		
1.164605E+01	9.9992073E-01	9.9993169E-01	9.9986768E-01	9.9995577E-01
9.9995691E-01	9.9979615E-01	9.9995613E-01		
1.214605E+01	9.9994391E-01	9.9994427E-01	9.9987119E-01	9.9997127E-01
9.9996847E-01	9.9979502E-01	9.9997175E-01		
1.264605E+01	9.9995691E-01	9.9995315E-01	9.9987471E-01	9.9998140E-01
9.9997872E-01	9.9979436E-01	9.9997848E-01		
1.314605E+01	9.9996120E-01	9.9995542E-01	9.9987829E-01	9.9998617E-01
9.9998355E-01	9.9979401E-01	9.9997872E-01		
1.364605E+01	9.9996626E-01	9.9995357E-01	9.9988109E-01	9.9998945E-01
9.9998254E-01	9.9979460E-01	9.9998349E-01		
1.414605E+01	9.9997348E-01	9.9994987E-01	9.9988002E-01	9.9998945E-01
9.9997365E-01	9.9979430E-01	9.9998122E-01		
1.464605E+01	9.9997652E-01	9.9994242E-01	9.9987632E-01	9.9998105E-01
9.9995738E-01	9.9979234E-01	9.9997324E-01		
1.514605E+01	9.9996525E-01	9.9992299E-01	9.9986887E-01	9.9996430E-01
9.9993324E-01	9.9978733E-01	9.9996227E-01		
1.564605E+01	9.9994069E-01	9.9990153E-01	9.9986041E-01	9.9994594E-01
9.9991864E-01	9.9978071E-01	9.9995321E-01		

1.614605E+01	9.9991024E-01	9.9987781E-01	9.9984866E-01	9.9993128E-01
9.9991167E-01	9.9977219E-01	9.9994874E-01		
1.664605E+01	9.9989164E-01	9.9986899E-01	9.9983662E-01	9.9992657E-01
9.9991500E-01	9.9976468E-01	9.9994743E-01		
1.714605E+01	9.9988371E-01	9.9986619E-01	9.9982506E-01	9.9992734E-01
9.9991828E-01	9.9975783E-01	9.9994814E-01		
1.764605E+01	9.9988234E-01	9.9986809E-01	9.9981523E-01	9.9993008E-01
9.9992138E-01	9.9975187E-01	9.9995011E-01		
1.814605E+01	9.9988520E-01	9.9987680E-01	9.9980646E-01	9.9993336E-01
9.9992669E-01	9.9974632E-01	9.9995244E-01		
1.864605E+01	9.9843001E-01	9.9932528E-01	9.9979877E-01	9.9761474E-01
9.9915373E-01	9.9974155E-01	9.9881345E-01		
1.914605E+01	9.9531668E-01	9.9602866E-01	9.9978966E-01	9.9324310E-01
9.9388522E-01	9.9973530E-01	9.9407107E-01		
1.964605E+01	9.9308169E-01	9.9387604E-01	9.9978423E-01	9.9164075E-01
9.9149573E-01	9.9973124E-01	9.9163085E-01		
2.014605E+01	9.9044305E-01	9.9149311E-01	9.9977946E-01	9.8990446E-01
9.9001414E-01	9.9972767E-01	9.8908055E-01		
2.064605E+01	9.8775268E-01	9.8891497E-01	9.9977547E-01	9.8776269E-01
9.8828423E-01	9.9972445E-01	9.8647207E-01		
2.114605E+01	9.8543304E-01	9.8663437E-01	9.9977213E-01	9.8563093E-01
9.8643047E-01	9.9972159E-01	9.8440731E-01		
2.164605E+01	9.8388475E-01	9.8505676E-01	9.9976975E-01	9.8397911E-01
9.8483700E-01	9.9971920E-01	9.8323035E-01		
2.214605E+01	9.8304981E-01	9.8408616E-01	9.9976844E-01	9.8348463E-01
9.8402345E-01	9.9971682E-01	9.8394448E-01		
2.266648E+01	9.8254377E-01	9.8361731E-01	9.9976712E-01	9.8368156E-01
9.8416221E-01	9.9971479E-01	9.8588455E-01		
2.318409E+01	9.8248392E-01	9.8350459E-01	9.9976587E-01	9.8481679E-01
9.8531228E-01	9.9971312E-01	9.8736691E-01		
2.368409E+01	9.8385060E-01	9.8446524E-01	9.9976468E-01	9.8589462E-01
9.8664671E-01	9.9971175E-01	9.8850286E-01		
2.418409E+01	9.8575181E-01	9.8638958E-01	9.9976361E-01	9.8666483E-01
9.8774189E-01	9.9971026E-01	9.8897648E-01		
2.468420E+01	9.8602116E-01	9.8718899E-01	9.9976182E-01	9.8536205E-01
9.8721653E-01	9.9970800E-01	9.8684376E-01		
2.518866E+01	9.8578197E-01	9.8704636E-01	9.9975908E-01	9.8446012E-01
9.8617119E-01	9.9970561E-01	9.8527664E-01		
2.570592E+01	9.8486394E-01	9.8624128E-01	9.9975538E-01	9.8331434E-01
9.8487562E-01	9.9970287E-01	9.8359865E-01		
2.622136E+01	9.8355055E-01	9.8500705E-01	9.9975246E-01	9.8212147E-01
9.8367828E-01	9.9970126E-01	9.8122048E-01		
2.673972E+01	9.8248434E-01	9.8375785E-01	9.9974996E-01	9.8132104E-01
9.8262507E-01	9.9969953E-01	9.7944403E-01		
2.724740E+01	9.8173410E-01	9.8298979E-01	9.9974889E-01	9.8110175E-01
9.8229992E-01	9.9969828E-01	9.8009753E-01		
2.776852E+01	9.8090911E-01	9.8226172E-01	9.9974835E-01	9.8079336E-01
9.8217124E-01	9.9969763E-01	9.8146671E-01		
2.828743E+01	9.8014081E-01	9.8159826E-01	9.9974841E-01	9.8027682E-01
9.8195618E-01	9.9969763E-01	9.8131764E-01		
2.878743E+01	9.7940189E-01	9.8096335E-01	9.9974924E-01	9.7936356E-01
9.8131806E-01	9.9969810E-01	9.7991210E-01		
2.928743E+01	9.7872204E-01	9.8035318E-01	9.9975044E-01	9.7830874E-01
9.8033530E-01	9.9969929E-01	9.7807211E-01		
2.978743E+01	9.7795331E-01	9.7967112E-01	9.9975163E-01	9.7718686E-01
9.7921181E-01	9.9970049E-01	9.7615039E-01		

3.028743E+01	9.7705209E-01	9.7885197E-01	9.9975216E-01	9.7611630E-01
9.7813922E-01	9.9970144E-01	9.7448480E-01		
3.078743E+01	9.7602856E-01	9.7789335E-01	9.9975216E-01	9.7508812E-01
9.7715795E-01	9.9970144E-01	9.7319883E-01		
3.128743E+01	9.7495723E-01	9.7684675E-01	9.9975216E-01	9.7416854E-01
9.7625786E-01	9.9970144E-01	9.7239822E-01		
3.178743E+01	9.7380400E-01	9.7579962E-01	9.9975210E-01	9.7320664E-01
9.7546309E-01	9.9970144E-01	9.7185636E-01		
3.228743E+01	9.7239077E-01	9.7452724E-01	9.9975163E-01	9.7188413E-01
9.7433490E-01	9.9970144E-01	9.7093266E-01		
3.278743E+01	9.7105956E-01	9.7323686E-01	9.9975091E-01	9.7074980E-01
9.7318447E-01	9.9970144E-01	9.7006303E-01		
3.328743E+01	9.6968114E-01	9.7202885E-01	9.9975008E-01	9.6948117E-01
9.7208375E-01	9.9970144E-01	9.6896970E-01		
3.378743E+01	9.6941626E-01	9.7136211E-01	9.9974966E-01	9.6968019E-01
9.7162306E-01	9.9970150E-01	9.6940559E-01		
3.428743E+01	9.6920556E-01	9.7161037E-01	9.9974966E-01	9.6919048E-01
9.7188371E-01	9.9970216E-01	9.6931183E-01		
3.478743E+01	9.6772367E-01	9.7071207E-01	9.9974906E-01	9.6597856E-01
9.6978933E-01	9.9970216E-01	9.6580338E-01		
3.528743E+01	9.6639609E-01	9.6928257E-01	9.9974787E-01	9.6477479E-01
9.6750933E-01	9.9970204E-01	9.6153748E-01		
3.578743E+01	9.6584362E-01	9.6836680E-01	9.9974668E-01	9.6538490E-01
9.6766925E-01	9.9970204E-01	9.6002954E-01		
3.628743E+01	9.6576780E-01	9.6806437E-01	9.9974549E-01	9.6571261E-01
9.6818370E-01	9.9970204E-01	9.6232355E-01		
3.678743E+01	9.6621394E-01	9.6830308E-01	9.9974430E-01	9.6702236E-01
9.6922368E-01	9.9970186E-01	9.6597099E-01		
3.728743E+01	9.6724129E-01	9.6914512E-01	9.9974221E-01	9.6866685E-01
9.7091568E-01	9.9970084E-01	9.6892822E-01		
3.778743E+01	9.6879357E-01	9.7058177E-01	9.9973983E-01	9.6997046E-01
9.7248471E-01	9.9969965E-01	9.7090155E-01		
3.830806E+01	9.7051752E-01	9.7236478E-01	9.9973714E-01	9.7082347E-01
9.7345704E-01	9.9969840E-01	9.7184741E-01		
3.880806E+01	9.7199064E-01	9.7394663E-01	9.9973416E-01	9.7169292E-01
9.7418439E-01	9.9969721E-01	9.7218066E-01		
3.930806E+01	9.7298545E-01	9.7503620E-01	9.9973059E-01	9.7241426E-01
9.7482127E-01	9.9969602E-01	9.7201771E-01		
3.983299E+01	9.7369021E-01	9.7574353E-01	9.9972683E-01	9.7313374E-01
9.7543091E-01	9.9969476E-01	9.7199237E-01		
4.034888E+01	9.7392702E-01	9.7606826E-01	9.9972188E-01	9.7330135E-01
9.7575694E-01	9.9969268E-01	9.7186029E-01		
4.086869E+01	9.7351718E-01	9.7565359E-01	9.9970835E-01	9.7304547E-01
9.7533321E-01	9.9968427E-01	9.7161084E-01		
4.137451E+01	9.7364104E-01	9.7563237E-01	9.9969900E-01	9.7372663E-01
9.7554475E-01	9.9967837E-01	9.7276604E-01		
4.188536E+01	9.7377378E-01	9.7579968E-01	9.9969292E-01	9.7396189E-01
9.7595084E-01	9.9967486E-01	9.7348952E-01		
4.239460E+01	9.7389871E-01	9.7592986E-01	9.9968874E-01	9.7385848E-01
9.7597826E-01	9.9967265E-01	9.7355962E-01		
4.290141E+01	9.7410476E-01	9.7614586E-01	9.9968636E-01	9.7386467E-01
9.7599566E-01	9.9967140E-01	9.7344398E-01		
4.340367E+01	9.7404850E-01	9.7620761E-01	9.9968475E-01	9.7355831E-01
9.7581655E-01	9.9967098E-01	9.7277278E-01		
4.391029E+01	9.7404301E-01	9.7609961E-01	9.9968380E-01	9.7367746E-01
9.7567677E-01	9.9967092E-01	9.7258919E-01		

4.442013E+01	9.7410512E-01	9.7618043E-01	9.9968380E-01	9.7394359E-01
9.7600102E-01	9.9967116E-01	9.7282690E-01		
4.493227E+01	9.7405559E-01	9.7615635E-01	9.9968380E-01	9.7390109E-01
9.7606504E-01	9.9967194E-01	9.7299075E-01		
4.543827E+01	9.7402406E-01	9.7612703E-01	9.9968380E-01	9.7388101E-01
9.7602034E-01	9.9967307E-01	9.7319579E-01		
4.593893E+01	9.7412366E-01	9.7614175E-01	9.9968463E-01	9.7410679E-01
9.7609836E-01	9.9967438E-01	9.7353858E-01		
4.644418E+01	9.7462791E-01	9.7648311E-01	9.9968606E-01	9.7485459E-01
9.7667754E-01	9.9967635E-01	9.7438616E-01		
4.695213E+01	9.7538614E-01	9.7715503E-01	9.9968874E-01	9.7566724E-01
9.7746015E-01	9.9967903E-01	9.7538400E-01		
4.745940E+01	9.7643310E-01	9.7811049E-01	9.9969143E-01	9.7671366E-01
9.7840047E-01	9.9968165E-01	9.7667426E-01		
4.797015E+01	9.7754073E-01	9.7921509E-01	9.9969447E-01	9.7791290E-01
9.7946262E-01	9.9968457E-01	9.7812343E-01		
4.847311E+01	9.7898173E-01	9.8048967E-01	9.9969727E-01	9.7905385E-01
9.8066908E-01	9.9968737E-01	9.7903603E-01		
4.898312E+01	9.8122752E-01	9.8240769E-01	9.9969989E-01	9.8127347E-01
9.8230839E-01	9.9968994E-01	9.8101699E-01		
4.948804E+01	9.8479807E-01	9.8544025E-01	9.9970263E-01	9.8558652E-01
9.8565489E-01	9.9969232E-01	9.8508918E-01		
4.999225E+01	9.8815989E-01	9.8892581E-01	9.9970531E-01	9.8938292E-01
9.8988020E-01	9.9969471E-01	9.8910564E-01		
5.049424E+01	9.9090362E-01	9.9177563E-01	9.9970782E-01	9.9193877E-01
9.9291438E-01	9.9969685E-01	9.9199164E-01		
5.099622E+01	9.9310112E-01	9.9396706E-01	9.9971044E-01	9.9377596E-01
9.9484807E-01	9.9969894E-01	9.9408245E-01		
5.149626E+01	9.9480760E-01	9.9558699E-01	9.9971300E-01	9.9516481E-01
9.9612147E-01	9.9970108E-01	9.9558586E-01		
5.199947E+01	9.9611878E-01	9.9677867E-01	9.9971557E-01	9.9624926E-01
9.9703276E-01	9.9970329E-01	9.9668294E-01		
5.250106E+01	9.9710262E-01	9.9764562E-01	9.9971825E-01	9.9709368E-01
9.9770480E-01	9.9970561E-01	9.9748516E-01		
5.300600E+01	9.9784178E-01	9.9827278E-01	9.9972099E-01	9.9776560E-01
9.9823713E-01	9.9970806E-01	9.9808693E-01		
5.351564E+01	9.9839264E-01	9.9871725E-01	9.9972385E-01	9.9829566E-01
9.9865496E-01	9.9971056E-01	9.9854058E-01		
5.402672E+01	9.9880177E-01	9.9903774E-01	9.9972683E-01	9.9870998E-01
9.9898034E-01	9.9971324E-01	9.9888593E-01		
5.452872E+01	9.9910140E-01	9.9926966E-01	9.9973041E-01	9.9902505E-01
9.9922788E-01	9.9971586E-01	9.9914521E-01		
5.503849E+01	9.9932677E-01	9.9944717E-01	9.9973422E-01	9.9927133E-01
9.9942297E-01	9.9971855E-01	9.9935806E-01		
5.554660E+01	9.9949539E-01	9.9958253E-01	9.9973822E-01	9.9948782E-01
9.9956483E-01	9.9972159E-01	9.9954551E-01		
5.606082E+01	9.9963558E-01	9.9969286E-01	9.9974251E-01	9.9965602E-01
9.9963343E-01	9.9972445E-01	9.9968755E-01		
5.657179E+01	9.9973911E-01	9.9977785E-01	9.9974638E-01	9.9976993E-01
9.9974412E-01	9.9972719E-01	9.9978328E-01		
5.707279E+01	9.9981123E-01	9.9983913E-01	9.9975002E-01	9.9984580E-01
9.9982709E-01	9.9972975E-01	9.9984658E-01		
5.758298E+01	9.9986303E-01	9.9988371E-01	9.9975389E-01	9.9989772E-01
9.9988407E-01	9.9973243E-01	9.9989009E-01		
5.810007E+01	9.9989980E-01	9.9991435E-01	9.9975806E-01	9.9993306E-01
9.9992090E-01	9.9973524E-01	9.9991941E-01		

5.860656E+01	9.9992496E-01	9.9992996E-01	9.9976176E-01	9.9995673E-01
9.9994600E-01	9.9973875E-01	9.9993879E-01		
5.912025E+01	9.9994302E-01	9.9994200E-01	9.9976611E-01	9.9997270E-01
9.9996442E-01	9.9974233E-01	9.9995190E-01		
5.962025E+01	9.9995565E-01	9.9995309E-01	9.9977058E-01	9.9998277E-01
9.9997634E-01	9.9974591E-01	9.9996054E-01		
6.012025E+01	9.9996489E-01	9.9996197E-01	9.9977475E-01	9.9998909E-01
9.9998420E-01	9.9974936E-01	9.9996674E-01		
6.062025E+01	9.9997145E-01	9.9996847E-01	9.9977845E-01	9.9999309E-01
9.9998915E-01	9.9975294E-01	9.9997222E-01		
6.112025E+01	9.9997598E-01	9.9997312E-01	9.9978203E-01	9.9999511E-01
9.9999213E-01	9.9975646E-01	9.9997598E-01		
6.162025E+01	9.9997920E-01	9.9997634E-01	9.9978560E-01	9.9999624E-01
9.9999368E-01	9.9975979E-01	9.9997824E-01		
6.212025E+01	9.9998164E-01	9.9997866E-01	9.9978918E-01	9.9999630E-01
9.9999434E-01	9.9976236E-01	9.9997962E-01		
6.262025E+01	9.9998295E-01	9.9997997E-01	9.9979275E-01	9.9999630E-01
9.9999446E-01	9.9976474E-01	9.9998283E-01		
6.312025E+01	9.9998415E-01	9.9998105E-01	9.9979621E-01	9.9999630E-01
9.9999458E-01	9.9976712E-01	9.9998403E-01		
6.362025E+01	9.9998504E-01	9.9998164E-01	9.9979889E-01	9.9999630E-01
9.9999464E-01	9.9976951E-01	9.9998468E-01		
6.412025E+01	9.9998552E-01	9.9998224E-01	9.9980128E-01	9.9999630E-01
9.9999481E-01	9.9977189E-01	9.9998504E-01		
6.462025E+01	9.9998593E-01	9.9998230E-01	9.9980366E-01	9.9999630E-01
9.9999499E-01	9.9977428E-01	9.9998546E-01		
6.514344E+01	9.9998719E-01	9.9998325E-01	9.9980617E-01	9.9999630E-01
9.9999499E-01	9.9977678E-01	9.9998647E-01		
6.566270E+01	9.9998844E-01	9.9998385E-01	9.9980867E-01	9.9999630E-01
9.9999511E-01	9.9977916E-01	9.9998736E-01		
6.618295E+01	9.9999058E-01	9.9998504E-01	9.9981111E-01	9.9999630E-01
9.9999517E-01	9.9978077E-01	9.9998736E-01		
6.668818E+01	9.9999207E-01	9.9998623E-01	9.9981344E-01	9.9999630E-01
9.9999523E-01	9.9978203E-01	9.9998748E-01		
6.719306E+01	9.9999344E-01	9.9998724E-01	9.9981523E-01	9.9999630E-01
9.9999535E-01	9.9978328E-01	9.9998826E-01		
6.770707E+01	9.9999499E-01	9.9998838E-01	9.9981683E-01	9.9999654E-01
9.9999571E-01	9.9978465E-01	9.9998945E-01		
6.821601E+01	9.9999619E-01	9.9998921E-01	9.9981838E-01	9.9999690E-01
9.9999613E-01	9.9978596E-01	9.9999070E-01		
6.872067E+01	9.9999648E-01	9.9998951E-01	9.9981964E-01	9.9999714E-01
9.9999642E-01	9.9978721E-01	9.9999189E-01		
6.922510E+01	9.9999648E-01	9.9998951E-01	9.9982089E-01	9.9999720E-01
9.9999654E-01	9.9978846E-01	9.9999219E-01		
6.973701E+01	9.9999601E-01	9.9998862E-01	9.9982226E-01	9.9999732E-01
9.9999660E-01	9.9978971E-01	9.9999219E-01		
7.023885E+01	9.9999541E-01	9.9998808E-01	9.9982351E-01	9.9999750E-01
9.9999672E-01	9.9979091E-01	9.9999321E-01		
7.074079E+01	9.9999511E-01	9.9998790E-01	9.9982476E-01	9.9999779E-01
9.9999714E-01	9.9979204E-01	9.9999356E-01		
7.124079E+01	9.9999541E-01	9.9998802E-01	9.9982595E-01	9.9999803E-01
9.9999750E-01	9.9979323E-01	9.9999356E-01		
7.175066E+01	9.9999613E-01	9.9998879E-01	9.9982721E-01	9.9999827E-01
9.9999779E-01	9.9979430E-01	9.9999350E-01		
7.227091E+01	9.9999642E-01	9.9998909E-01	9.9982792E-01	9.9999815E-01
9.9999768E-01	9.9979448E-01	9.9999297E-01		

7.277091E+01	9.9999642E-01	9.9999017E-01	9.9982911E-01	9.9999815E-01
9.9999785E-01	9.9979478E-01	9.9999154E-01		
7.327091E+01	9.9999547E-01	9.9999022E-01	9.9983031E-01	9.9999815E-01
9.9999797E-01	9.9979597E-01	9.9999017E-01		
7.377091E+01	9.9999309E-01	9.9998909E-01	9.9983150E-01	9.9999815E-01
9.9999803E-01	9.9979717E-01	9.9998826E-01		
7.427091E+01	9.9998999E-01	9.9998832E-01	9.9983263E-01	9.9999827E-01
9.9999821E-01	9.9979806E-01	9.9998707E-01		
7.478299E+01	9.9998617E-01	9.9998564E-01	9.9983341E-01	9.9999905E-01
9.9999905E-01	9.9979901E-01	9.9998516E-01		
7.528299E+01	9.9998581E-01	9.9998355E-01	9.9983418E-01	9.9999911E-01
9.9999905E-01	9.9980015E-01	9.9998367E-01		
7.578299E+01	9.9998653E-01	9.9998397E-01	9.9983603E-01	9.9999911E-01
9.9999905E-01	9.9980199E-01	9.9998248E-01		
7.628299E+01	9.9998659E-01	9.9998426E-01	9.9983841E-01	9.9999911E-01
9.9999905E-01	9.9980438E-01	9.9998170E-01		
7.678299E+01	9.9998659E-01	9.9998432E-01	9.9984080E-01	9.9999911E-01
9.9999905E-01	9.9980676E-01	9.9998146E-01		
7.728299E+01	9.9998659E-01	9.9998444E-01	9.9984318E-01	9.9999911E-01
9.9999905E-01	9.9980915E-01	9.9998146E-01		
7.778299E+01	9.9998659E-01	9.9998456E-01	9.9984556E-01	9.9999911E-01
9.9999905E-01	9.9981153E-01	9.9998146E-01		
7.830791E+01	9.9998659E-01	9.9998480E-01	9.9984807E-01	9.9999911E-01
9.9999905E-01	9.9981403E-01	9.9998158E-01		
7.880791E+01	9.9998659E-01	9.9998504E-01	9.9985045E-01	9.9999911E-01
9.9999905E-01	9.9981618E-01	9.9998260E-01		
7.930791E+01	9.9998659E-01	9.9998516E-01	9.9985260E-01	9.9999911E-01
9.9999905E-01	9.9981797E-01	9.9998283E-01		
7.980791E+01	9.9998659E-01	9.9998528E-01	9.9985445E-01	9.9999917E-01
9.9999911E-01	9.9981916E-01	9.9998283E-01		
8.030791E+01	9.9998659E-01	9.9998540E-01	9.9985605E-01	9.9999917E-01
9.9999911E-01	9.9982035E-01	9.9998283E-01		
8.080791E+01	9.9998689E-01	9.9998569E-01	9.9985766E-01	9.9999917E-01
9.9999911E-01	9.9982160E-01	9.9998289E-01		
8.130791E+01	9.9998695E-01	9.9998587E-01	9.9985915E-01	9.9999917E-01
9.9999911E-01	9.9982285E-01	9.9998301E-01		
8.180791E+01	9.9998701E-01	9.9998605E-01	9.9986035E-01	9.9999917E-01
9.9999911E-01	9.9982405E-01	9.9998331E-01		
8.230791E+01	9.9998713E-01	9.9998623E-01	9.9986190E-01	9.9999917E-01
9.9999911E-01	9.9982524E-01	9.9998373E-01		
8.280791E+01	9.9998742E-01	9.9998671E-01	9.9986374E-01	9.9999917E-01
9.9999911E-01	9.9982643E-01	9.9998444E-01		
8.330791E+01	9.9998742E-01	9.9998677E-01	9.9986589E-01	9.9999917E-01
9.9999911E-01	9.9982792E-01	9.9998462E-01		
8.380791E+01	9.9998742E-01	9.9998707E-01	9.9986780E-01	9.9999917E-01
9.9999911E-01	9.9982911E-01	9.9998474E-01		
8.430791E+01	9.9998635E-01	9.9998701E-01	9.9986911E-01	9.9999917E-01
9.9999911E-01	9.9983031E-01	9.9998248E-01		
8.483009E+01	9.9998492E-01	9.9998617E-01	9.9987090E-01	9.9999917E-01
9.9999911E-01	9.9983156E-01	9.9998158E-01		
8.533189E+01	9.9998641E-01	9.9998623E-01	9.9987292E-01	9.9999917E-01
9.9999905E-01	9.9983305E-01	9.9998301E-01		
8.583189E+01	9.9998760E-01	9.9998707E-01	9.9987531E-01	9.9999917E-01
9.9999899E-01	9.9983519E-01	9.9998462E-01		
8.634407E+01	9.9998897E-01	9.9998802E-01	9.9987775E-01	9.9999923E-01
9.9999899E-01	9.9983728E-01	9.9998593E-01		

8.686680E+01	9.9999028E-01	9.9998927E-01	9.9988025E-01	9.9999923E-01
9.9999899E-01	9.9983919E-01	9.9998713E-01		
8.738983E+01	9.9999160E-01	9.9999058E-01	9.9988282E-01	9.9999923E-01
9.9999899E-01	9.9984127E-01	9.9998802E-01		
8.789572E+01	9.9999261E-01	9.9999195E-01	9.9988532E-01	9.9999923E-01
9.9999899E-01	9.9984306E-01	9.9998808E-01		
8.841684E+01	9.9999344E-01	9.9999291E-01	9.9988800E-01	9.9999940E-01
9.9999917E-01	9.9984574E-01	9.9998838E-01		
8.892328E+01	9.9999249E-01	9.9999279E-01	9.9989086E-01	9.9999940E-01
9.9999928E-01	9.9984795E-01	9.9998742E-01		
8.943372E+01	9.9999481E-01	9.9999440E-01	9.9989498E-01	9.9999940E-01
9.9999928E-01	9.9985057E-01	9.9998927E-01		
8.995622E+01	9.9999690E-01	9.9999684E-01	9.9989873E-01	9.9999946E-01
9.9999934E-01	9.9985307E-01	9.9999082E-01		
9.045622E+01	9.9999809E-01	9.9999821E-01	9.9990165E-01	9.9999946E-01
9.9999934E-01	9.9985546E-01	9.9999094E-01		
9.096755E+01	9.9999821E-01	9.9999875E-01	9.9990422E-01	9.9999946E-01
9.9999934E-01	9.9985790E-01	9.9999106E-01		
9.146755E+01	9.9999827E-01	9.9999893E-01	9.9990660E-01	9.9999946E-01
9.9999934E-01	9.9986029E-01	9.9999166E-01		
9.196755E+01	9.9999827E-01	9.9999893E-01	9.9990898E-01	9.9999946E-01
9.9999934E-01	9.9986267E-01	9.9999219E-01		
9.248622E+01	9.9999827E-01	9.9999893E-01	9.9991137E-01	9.9999946E-01
9.9999934E-01	9.9986511E-01	9.9999231E-01		
9.299437E+01	9.9999827E-01	9.9999893E-01	9.9991298E-01	9.9999946E-01
9.9999934E-01	9.9986726E-01	9.9999243E-01		
9.350123E+01	9.9999827E-01	9.9999893E-01	9.9991429E-01	9.9999946E-01
9.9999934E-01	9.9986929E-01	9.9999350E-01		
9.401919E+01	9.9999827E-01	9.9999893E-01	9.9991596E-01	9.9999946E-01
9.9999934E-01	9.9987113E-01	9.9999380E-01		
9.453943E+01	9.9999827E-01	9.9999893E-01	9.9991786E-01	9.9999946E-01
9.9999934E-01	9.9987304E-01	9.9999428E-01		
9.504118E+01	9.9999827E-01	9.9999893E-01	9.9991983E-01	9.9999946E-01
9.9999934E-01	9.9987566E-01	9.9999505E-01		
9.554896E+01	9.9999845E-01	9.9999899E-01	9.9992186E-01	9.9999946E-01
9.9999934E-01	9.9987811E-01	9.9999583E-01		
9.604896E+01	9.9999863E-01	9.9999905E-01	9.9992305E-01	9.9999946E-01
9.9999934E-01	9.9988037E-01	9.9999601E-01		
9.654896E+01	9.9999863E-01	9.9999905E-01	9.9992424E-01	9.9999952E-01
9.9999940E-01	9.9988168E-01	9.9999601E-01		
9.706335E+01	9.9999863E-01	9.9999905E-01	9.9992561E-01	9.9999952E-01
9.9999940E-01	9.9988329E-01	9.9999601E-01		
9.758144E+01	9.9999869E-01	9.9999905E-01	9.9992675E-01	9.9999958E-01
9.9999946E-01	9.9988490E-01	9.9999619E-01		
9.808710E+01	9.9999869E-01	9.9999905E-01	9.9992830E-01	9.9999958E-01
9.9999946E-01	9.9988657E-01	9.9999630E-01		
9.859486E+01	9.9999869E-01	9.9999905E-01	9.9992955E-01	9.9999958E-01
9.9999946E-01	9.9988824E-01	9.9999678E-01		
9.910259E+01	9.9999875E-01	9.9999905E-01	9.9993104E-01	9.9999958E-01
9.9999946E-01	9.9989009E-01	9.9999702E-01		
9.960883E+01	9.9999899E-01	9.9999911E-01	9.9993235E-01	9.9999958E-01
9.9999946E-01	9.9989152E-01	9.9999791E-01		
1.050470E+02	9.9999934E-01	9.9999940E-01	9.9995172E-01	9.9999970E-01
9.9999964E-01	9.9990904E-01	9.9999917E-01		
1.100490E+02	9.9999958E-01	9.9999952E-01	9.9997389E-01	9.9999970E-01
9.9999964E-01	9.9993038E-01	9.9999917E-01		

1.150536E+02	9.9999970E-01	9.9999970E-01	9.9998647E-01	9.9999976E-01
9.9999970E-01	9.9994802E-01	9.9999970E-01		
1.200844E+02	9.9999988E-01	9.9999994E-01	9.9999654E-01	9.9999994E-01
9.9999994E-01	9.9996078E-01	9.9999994E-01		
1.251066E+02	9.9999988E-01	9.9999994E-01	9.9999905E-01	9.9999994E-01
9.9999994E-01	9.9997705E-01	9.9999994E-01		
1.301141E+02	9.9999994E-01	1.0000000E+00	9.9999905E-01	1.0000000E+00
1.0000000E+00	9.9999231E-01	1.0000000E+00		
1.351283E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999905E-01	1.0000000E+00		
1.401329E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999905E-01	1.0000000E+00		
1.451352E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999905E-01	1.0000000E+00		
1.501399E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999905E-01	1.0000000E+00		
1.551709E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999905E-01	1.0000000E+00		
1.602165E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
1.652350E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
1.702598E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
1.752735E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
1.802951E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
1.853119E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
1.903279E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
1.953564E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.003570E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.053755E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.104183E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.154335E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.204606E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.254792E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.304864E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.354968E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.404991E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.455048E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.505233E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		

2.555298E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.605788E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.656043E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.706539E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.756957E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.807159E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.857581E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.907736E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
2.957799E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.007857E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.058138E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.108138E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.158304E+02	9.9999994E-01	1.0000000E+00	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.208480E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.258746E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.308900E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.358961E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.409074E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.459233E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.509260E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.559283E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.609366E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.659482E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.709486E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.759580E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.809612E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.859788E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
3.910090E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		

3.960181E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
4.010229E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.060714E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.111179E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.161518E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.211620E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.261913E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.311930E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.361968E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.412443E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.462449E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.512502E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.562851E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.613121E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.663397E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.713776E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.763856E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.814128E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.864223E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.914722E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
4.964919E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	1.0000000E+00		
5.015259E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.065450E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.115457E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.165457E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.215463E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.265685E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.316183E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		

5.366320E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.416345E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.466345E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.516580E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.566583E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.616711E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.666711E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.717148E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.767209E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.817575E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.867994E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.918351E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
5.968547E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.018547E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.068926E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.119015E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.169453E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.219643E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.269753E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.319825E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.369911E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.420153E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.470455E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.520916E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.571367E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.621520E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.671806E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		
6.722262E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	1.0000000E+00		

6.772686E+02	9.9999994E-01	9.9999994E-01	9.9999917E-01	1.0000000E+00
1.0000000E+00	9.9999917E-01	9.9999988E-01		
6.822707E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	9.9999988E-01		
6.872923E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	9.9999988E-01		
6.922954E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	9.9999988E-01		
6.973051E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	9.9999988E-01		
7.023073E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	9.9999970E-01		
7.073430E+02	9.9999994E-01	9.9999988E-01	9.9999917E-01	1.0000000E+00
9.9999994E-01	9.9999917E-01	9.9999976E-01		
7.123453E+02	9.9999982E-01	9.9999982E-01	9.9999917E-01	9.9999982E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.173482E+02	9.9999982E-01	9.9999982E-01	9.9999917E-01	9.9999982E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.223600E+02	9.9999982E-01	9.9999982E-01	9.9999917E-01	9.9999982E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.273726E+02	9.9999982E-01	9.9999982E-01	9.9999917E-01	9.9999982E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.324192E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.374575E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.424575E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.474720E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.524910E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.575264E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.625316E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.675541E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.725990E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.776382E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.826681E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.876682E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.927143E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
7.977427E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
8.027863E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
8.077863E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
8.128088E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		

8.178396E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
8.228683E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
8.279000E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
8.329000E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
8.379267E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
8.429336E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999994E-01
9.9999982E-01	9.9999917E-01	9.9999982E-01		
8.479440E+02	9.9842757E-01	9.9853241E-01	9.9999917E-01	9.9670327E-01
9.9684274E-01	9.9999917E-01	9.9920523E-01		
8.529523E+02	9.9943864E-01	9.9944615E-01	9.9999917E-01	9.9933976E-01
9.9931461E-01	9.9999917E-01	9.9976671E-01		
8.579803E+02	9.9999803E-01	9.9999750E-01	9.9999917E-01	9.9999976E-01
9.9999964E-01	9.9999917E-01	9.9999946E-01		
8.630277E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999964E-01		
8.680298E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
8.730469E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
8.780671E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
8.830836E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
8.881301E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
8.931561E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
8.981845E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
9.032300E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
9.082662E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
9.133143E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
9.183594E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
9.233762E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
9.283935E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
9.334008E+02	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999934E-01	9.9999917E-01	9.9962777E-01		
9.384365E+02	9.9524206E-01	9.9575388E-01	9.9999917E-01	9.9320871E-01
9.9307990E-01	9.9999917E-01	9.7700900E-01		
9.434605E+02	9.9578333E-01	9.9622983E-01	9.9999917E-01	9.9315232E-01
9.9342811E-01	9.9999917E-01	9.7437322E-01		
9.484623E+02	9.9937963E-01	9.9933529E-01	9.9999917E-01	9.9981016E-01
9.9978083E-01	9.9999917E-01	9.9948990E-01		
9.534870E+02	9.9999601E-01	9.9999523E-01	9.9999917E-01	9.9999958E-01
9.9999946E-01	9.9999917E-01	9.9999911E-01		

9.585121E+02	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999988E-01		
9.635247E+02	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999970E-01	9.9999917E-01	9.9999988E-01		
9.685247E+02	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999970E-01	9.9999917E-01	9.9999988E-01		
9.735247E+02	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999970E-01	9.9999917E-01	9.9999988E-01		
9.785247E+02	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999970E-01	9.9999917E-01	9.9999988E-01		
9.835706E+02	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
9.885706E+02	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
9.935714E+02	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
9.986208E+02	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
1.003653E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
1.008698E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999994E-01	9.9999917E-01	9.9999988E-01		
1.013703E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999994E-01	9.9999917E-01	9.9999988E-01		
1.018708E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
1.023737E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999988E-01	9.9999917E-01	9.9999988E-01		
1.028787E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
1.033812E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
1.038826E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
1.043868E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
1.048868E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999976E-01
9.9999982E-01	9.9999917E-01	9.9999988E-01		
1.053917E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999976E-01
9.9999994E-01	9.9999917E-01	9.9999988E-01		
1.058917E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999988E-01
9.9999994E-01	9.9999917E-01	9.9999988E-01		
1.063917E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999988E-01
1.0000000E+00	9.9999917E-01	9.9999988E-01		
1.068917E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999988E-01
1.0000000E+00	9.9999917E-01	9.9999988E-01		
1.073917E+03	9.9565214E-01	9.9575305E-01	9.9999917E-01	9.9374557E-01
9.9329144E-01	9.9999917E-01	9.9784875E-01		
1.078917E+03	9.8996854E-01	9.9081308E-01	9.9999917E-01	9.8038787E-01
9.8167503E-01	9.9999917E-01	9.9442720E-01		
1.083917E+03	9.8858249E-01	9.8978573E-01	9.9999917E-01	9.7568834E-01
9.7749656E-01	9.9999917E-01	9.9352133E-01		
1.088917E+03	9.8738486E-01	9.8857814E-01	9.9999917E-01	9.7521722E-01
9.7680950E-01	9.9999917E-01	9.9283022E-01		
1.093917E+03	9.8866129E-01	9.9001026E-01	9.9999917E-01	9.7551030E-01
9.7693831E-01	9.9999917E-01	9.9366295E-01		

1.098959E+03	9.9967122E-01	9.9965614E-01	9.9999917E-01	9.9975568E-01
9.9989951E-01	9.9999917E-01	9.9986631E-01		
1.103988E+03	9.9999672E-01	9.9999613E-01	9.9999917E-01	9.9999750E-01
9.9999672E-01	9.9999917E-01	9.9999946E-01		
1.108988E+03	9.9757016E-01	9.9749428E-01	9.9999917E-01	9.9852008E-01
9.9836934E-01	9.9999917E-01	9.9929327E-01		
1.113988E+03	9.9999171E-01	9.9999028E-01	9.9999917E-01	9.9998957E-01
9.9998719E-01	9.9999917E-01	9.9998015E-01		
1.118988E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999952E-01
9.9999946E-01	9.9999917E-01	9.9999964E-01		
1.123988E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999958E-01	9.9999917E-01	9.9999964E-01		
1.128988E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999970E-01		
1.133988E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999970E-01		
1.138988E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999970E-01		
1.143988E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
1.149029E+03	9.9999976E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
1.154029E+03	9.9999976E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999982E-01	9.9999917E-01	9.9999970E-01		
1.159029E+03	9.9988377E-01	9.9988222E-01	9.9999917E-01	9.9998260E-01
9.9998075E-01	9.9999917E-01	9.9999869E-01		
1.164029E+03	9.9999958E-01	9.9999958E-01	9.9999917E-01	9.9999958E-01
9.9999952E-01	9.9999917E-01	9.9999952E-01		
1.169073E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.174073E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999982E-01		
1.179073E+03	9.9999964E-01	9.9999964E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999982E-01		
1.184122E+03	9.9999964E-01	9.9999964E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999982E-01		
1.189164E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.194184E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.199231E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.204231E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.209231E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.214231E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.219231E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.224231E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.229231E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.234231E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		

1.239231E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.244231E+03	9.9999970E-01	9.9999964E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999982E-01		
1.249231E+03	9.9894750E-01	9.9923474E-01	9.9999917E-01	9.9043077E-01
9.9200302E-01	9.9999917E-01	9.9916202E-01		
1.254231E+03	9.9986833E-01	9.9986494E-01	9.9999917E-01	9.9993622E-01
9.9991810E-01	9.9999917E-01	9.9995673E-01		
1.259231E+03	9.9999857E-01	9.9999833E-01	9.9999917E-01	9.9999964E-01
9.9999952E-01	9.9999917E-01	9.9999964E-01		
1.264231E+03	9.9145842E-01	9.9440587E-01	9.9999917E-01	9.9973470E-01
9.9987304E-01	9.9999917E-01	9.9999839E-01		
1.269231E+03	9.9935830E-01	9.9931991E-01	9.9999917E-01	9.9961120E-01
9.9956417E-01	9.9999917E-01	9.9977541E-01		
1.274231E+03	9.9999672E-01	9.9999607E-01	9.9999917E-01	9.9999833E-01
9.9999774E-01	9.9999917E-01	9.9999851E-01		
1.279231E+03	9.9999964E-01	9.9999964E-01	9.9999917E-01	9.9999964E-01
9.9999958E-01	9.9999917E-01	9.9999964E-01		
1.284231E+03	9.9999970E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999970E-01		
1.289231E+03	9.9999970E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999970E-01		
1.294280E+03	9.9999970E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999970E-01		
1.299280E+03	9.9999970E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999970E-01		
1.304280E+03	9.9999970E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999970E-01		
1.309280E+03	9.9999970E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999970E-01		
1.314280E+03	9.9999970E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999970E-01		
1.319280E+03	9.9999970E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999970E-01		
1.324280E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.329280E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.334329E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.339329E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.344329E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.349329E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.354329E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.359336E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.364336E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.369336E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.374336E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		

1.379370E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.384372E+03	9.9999976E-01	9.9999970E-01	9.9999917E-01	9.9999976E-01
9.9999905E-01	9.9999917E-01	9.9529409E-01		
1.389418E+03	9.9357563E-01	9.9414682E-01	9.9999917E-01	9.9226928E-01
9.9240404E-01	9.9999917E-01	9.7472149E-01		
1.394459E+03	9.8440236E-01	9.8614109E-01	9.9999917E-01	9.8075652E-01
9.8086119E-01	9.9999917E-01	9.6960634E-01		
1.399505E+03	9.8340642E-01	9.8469925E-01	9.9999917E-01	9.7561288E-01
9.7860926E-01	9.9999917E-01	9.7439730E-01		
1.404505E+03	9.7944534E-01	9.8129457E-01	9.9999917E-01	9.7016829E-01
9.7257406E-01	9.9999917E-01	9.6803081E-01		
1.409509E+03	9.7932571E-01	9.7942758E-01	9.9999917E-01	9.8086739E-01
9.8136902E-01	9.9999917E-01	9.6700883E-01		
1.414548E+03	9.8680305E-01	9.8761070E-01	9.9999917E-01	9.8533428E-01
9.8583066E-01	9.9999917E-01	9.6662849E-01		
1.419548E+03	9.9360359E-01	9.9402791E-01	9.9999917E-01	9.9246639E-01
9.9293822E-01	9.9999917E-01	9.7265482E-01		
1.424548E+03	9.9334812E-01	9.9397278E-01	9.9999917E-01	9.9156606E-01
9.9219638E-01	9.9999917E-01	9.7331583E-01		
1.429548E+03	9.9465650E-01	9.9516404E-01	9.9999917E-01	9.9246806E-01
9.9338049E-01	9.9999917E-01	9.7328842E-01		
1.434548E+03	9.9476779E-01	9.9526763E-01	9.9999917E-01	9.9344528E-01
9.9384522E-01	9.9999917E-01	9.7780430E-01		
1.439548E+03	9.9475092E-01	9.9521327E-01	9.9999917E-01	9.9305058E-01
9.9356163E-01	9.9999917E-01	9.7592604E-01		
1.444548E+03	9.9583018E-01	9.9623251E-01	9.9999917E-01	9.9363250E-01
9.9415922E-01	9.9999917E-01	9.7946686E-01		
1.449548E+03	9.9946433E-01	9.9945223E-01	9.9999917E-01	9.9980706E-01
9.9977958E-01	9.9999917E-01	9.9933535E-01		
1.454592E+03	9.9999446E-01	9.9999344E-01	9.9999917E-01	9.9999970E-01
9.9999994E-01	9.9999917E-01	9.9999958E-01		
1.459592E+03	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999970E-01
9.9999994E-01	9.9999917E-01	9.9999964E-01		
1.464592E+03	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999970E-01
9.9999988E-01	9.9999917E-01	9.9999964E-01		
1.469638E+03	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999976E-01
9.9999982E-01	9.9999917E-01	9.9999964E-01		
1.474638E+03	9.9960059E-01	9.9966657E-01	9.9999917E-01	9.9863225E-01
9.9851280E-01	9.9999917E-01	9.9609619E-01		
1.479638E+03	9.9998456E-01	9.9998230E-01	9.9999917E-01	9.9999559E-01
9.9999386E-01	9.9999917E-01	9.9999285E-01		
1.484681E+03	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.489718E+03	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.494719E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.499726E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999982E-01
9.9999976E-01	9.9999917E-01	9.9999970E-01		
1.504759E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999982E-01
9.9999976E-01	9.9999917E-01	9.9999988E-01		
1.509762E+03	9.9999958E-01	9.9999958E-01	9.9999917E-01	9.9999982E-01
9.9999976E-01	9.9999917E-01	9.9999988E-01		
1.514772E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999982E-01
9.9999976E-01	9.9999917E-01	9.9999988E-01		

1.519808E+03	9.9999964E-01	9.9999958E-01	9.9999917E-01	9.9999982E-01
9.9999976E-01	9.9999917E-01	9.9999988E-01		
1.524844E+03	9.9999964E-01	9.9999964E-01	9.9999917E-01	9.9999982E-01
9.9999988E-01	9.9999917E-01	9.9999988E-01		
1.529844E+03	9.9999964E-01	9.9999964E-01	9.9999917E-01	9.9999982E-01
9.9999988E-01	9.9999917E-01	9.9999988E-01		
1.534859E+03	9.9999964E-01	9.9999964E-01	9.9999917E-01	9.9999982E-01
9.9999988E-01	9.9999917E-01	9.9999988E-01		
1.539868E+03	9.9999964E-01	9.9999964E-01	9.9999917E-01	9.9999982E-01
9.9999988E-01	9.9999917E-01	9.9999988E-01		
1.544881E+03	9.9999964E-01	9.9999970E-01	9.9999917E-01	9.9999982E-01
9.9999988E-01	9.9999917E-01	9.9999988E-01		
1.549901E+03	9.9999964E-01	9.9999970E-01	9.9999917E-01	9.9999982E-01
9.9999988E-01	9.9999917E-01	9.9999988E-01		
1.554901E+03	9.9999964E-01	9.9999964E-01	9.9999917E-01	9.9999982E-01
9.9999988E-01	9.9999917E-01	9.9999988E-01		
1.559921E+03	9.9999964E-01	9.9999964E-01	9.9999917E-01	9.9999982E-01
9.9999988E-01	9.9999917E-01	9.9999988E-01		
1.564944E+03	9.9999964E-01	9.9999964E-01	9.9999917E-01	9.9999982E-01
9.9999988E-01	9.9999917E-01	9.9999988E-01		
1.569956E+03	9.9991262E-01	9.9994904E-01	9.9999917E-01	9.9753302E-01
9.9856865E-01	9.9999917E-01	9.6901959E-01		
1.574956E+03	9.9341387E-01	9.9422109E-01	9.9999917E-01	9.9010593E-01
9.9078417E-01	9.9999917E-01	9.6727103E-01		
1.579956E+03	9.9282676E-01	9.9352604E-01	9.9999917E-01	9.9048293E-01
9.9139869E-01	9.9999917E-01	9.6824199E-01		
1.584956E+03	9.9349046E-01	9.9432176E-01	9.9999917E-01	9.9001521E-01
9.9061024E-01	9.9999917E-01	9.6743643E-01		
1.589956E+03	9.9570876E-01	9.9614060E-01	9.9999917E-01	9.9360132E-01
9.9401897E-01	9.9999917E-01	9.7741485E-01		
1.594956E+03	9.9634677E-01	9.9667430E-01	9.9999917E-01	9.9478132E-01
9.9511683E-01	9.9999917E-01	9.8156697E-01		
1.599956E+03	9.9971080E-01	9.9972427E-01	9.9999917E-01	9.9987775E-01
9.9986452E-01	9.9999917E-01	9.9960220E-01		
1.604956E+03	9.9999785E-01	9.9999744E-01	9.9999917E-01	9.9999958E-01
9.9999946E-01	9.9999917E-01	9.9999952E-01		
1.609956E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.614956E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.619956E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.624956E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.629956E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.634956E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.639972E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.644972E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.649982E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.654998E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		

1.660028E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.665028E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.670048E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.675065E+03	9.9999958E-01	9.9999928E-01	9.9999917E-01	9.9999970E-01
9.9999940E-01	9.9999917E-01	9.9999964E-01		
1.680108E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.685146E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999970E-01		
1.690150E+03	9.9999958E-01	9.9999952E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999970E-01		
1.695192E+03	9.9999958E-01	9.9999827E-01	9.9999917E-01	9.9999970E-01
9.9999791E-01	9.9999917E-01	9.9999970E-01		
1.700202E+03	9.9999958E-01	9.9999833E-01	9.9999917E-01	9.9999970E-01
9.9999714E-01	9.9999917E-01	9.9999970E-01		
1.705202E+03	9.9848717E-01	9.9869490E-01	9.9999917E-01	9.9706906E-01
9.9633878E-01	9.9999917E-01	9.9264681E-01		
1.710202E+03	9.9996048E-01	9.9995661E-01	9.9999917E-01	9.9998862E-01
9.9998468E-01	9.9999917E-01	9.9997264E-01		
1.715202E+03	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999964E-01
9.9999958E-01	9.9999917E-01	9.9999964E-01		
1.720212E+03	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999964E-01
9.9999958E-01	9.9999917E-01	9.9999964E-01		
1.725225E+03	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999964E-01		
1.730267E+03	9.9999958E-01	9.9999708E-01	9.9999917E-01	9.9999970E-01
9.9999493E-01	9.9999917E-01	9.9999964E-01		
1.735300E+03	9.9978894E-01	9.9986643E-01	9.9999917E-01	9.9643445E-01
9.9764305E-01	9.9999917E-01	9.7322696E-01		
1.740300E+03	9.9037892E-01	9.9122536E-01	9.9999917E-01	9.8932022E-01
9.9021107E-01	9.9999917E-01	9.6729523E-01		
1.745300E+03	9.9097562E-01	9.9181962E-01	9.9999917E-01	9.8987913E-01
9.9033070E-01	9.9999917E-01	9.6975547E-01		
1.750300E+03	9.9352217E-01	9.9388623E-01	9.9999917E-01	9.9318391E-01
9.9412018E-01	9.9999917E-01	9.7546226E-01		
1.755300E+03	9.9562943E-01	9.9591815E-01	9.9999917E-01	9.9431115E-01
9.9509501E-01	9.9999917E-01	9.7929502E-01		
1.760300E+03	9.9343783E-01	9.9389875E-01	9.9999917E-01	9.9298644E-01
9.9340862E-01	9.9999917E-01	9.7914398E-01		
1.765300E+03	9.9573433E-01	9.9625558E-01	9.9999917E-01	9.9283886E-01
9.9340707E-01	9.9999917E-01	9.7355449E-01		
1.770300E+03	9.9395877E-01	9.9446571E-01	9.9999917E-01	9.9230355E-01
9.9297798E-01	9.9999917E-01	9.7482932E-01		
1.775300E+03	9.9456561E-01	9.9512690E-01	9.9999917E-01	9.9146569E-01
9.9242210E-01	9.9999917E-01	9.7512883E-01		
1.780300E+03	9.9823982E-01	9.9823463E-01	9.9999917E-01	9.9890649E-01
9.9892604E-01	9.9999917E-01	9.9711871E-01		
1.785300E+03	9.9997908E-01	9.9997622E-01	9.9999917E-01	9.9999660E-01
9.9999577E-01	9.9999917E-01	9.9998254E-01		
1.790312E+03	9.9999940E-01	9.9999934E-01	9.9999917E-01	9.9999964E-01
9.9999958E-01	9.9999917E-01	9.9999976E-01		
1.795348E+03	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999976E-01		

1.800348E+03	9.9999952E-01	9.9999946E-01	9.9999917E-01	9.9999970E-01
9.9999964E-01	9.9999917E-01	9.9999976E-01		
1.805392E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999976E-01		
1.810392E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999976E-01		
1.815392E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999976E-01
9.9999970E-01	9.9999917E-01	9.9999976E-01		
1.820392E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.825392E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.830440E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.835440E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.840440E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.845440E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.850440E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.855440E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.860440E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.865440E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.870459E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.875459E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.880459E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.885502E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.890502E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.895548E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.900587E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.905594E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.910599E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.915604E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.920619E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.925623E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.930635E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.935664E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		

1.940709E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.945709E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.950755E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.955762E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.960784E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.965832E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.970878E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.975889E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.980934E+03	9.9999982E-01	9.9999976E-01	9.9999917E-01	9.9999988E-01
9.9999976E-01	9.9999917E-01	9.9999976E-01		
1.985934E+03	9.9999964E-01	9.9999064E-01	9.9999917E-01	9.9999106E-01
9.9997616E-01	9.9999917E-01	9.9999958E-01		
1.990934E+03	9.9890971E-01	9.9893290E-01	9.9999917E-01	9.9817312E-01
9.9869925E-01	9.9999917E-01	9.8157364E-01		
1.995934E+03	9.9437630E-01	9.9492347E-01	9:9999917E-01	9.9238646E-01
9.9295032E-01	9.9999917E-01	9.7544825E-01		
2.000034E+03	9.9518669E-01	9.9560338E-01	9.9999917E-01	9.9346840E-01
9.9404979E-01	9.9999917E-01	9.7772115E-01		

TIME (sec)	ALP991901	ALP992205	ALP992305	ALP992405
ALP992505	ALP992605	ALP992705		
1.000000E-10	9.9707198E-01	9.9982798E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.003469E-01	9.9707198E-01	9.9982798E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.016405E-01	9.9706745E-01	9.9982798E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.9999958E-01	9.9999696E-01		
3.143499E-01	9.9705994E-01	9.9982798E-01	1.0000000E+00	1.0000000E+00
9.9999827E-01	9.9999243E-01	9.9997246E-01		
4.176774E-01	9.9705189E-01	9.9982798E-01	1.0000000E+00	9.9999928E-01
9.9998713E-01	9.9996352E-01	9.9990702E-01		
5.179474E-01	9.9704266E-01	9.9982798E-01	9.9999970E-01	9.9999624E-01
9.9995446E-01	9.9989057E-01	9.9979341E-01		
6.236274E-01	9.9703181E-01	9.9982768E-01	9.9999851E-01	9.9998701E-01
9.9988371E-01	9.9974537E-01	9.9961859E-01		
7.657229E-01	9.9701589E-01	9.9982595E-01	9.9999219E-01	9.9994987E-01
9.9968499E-01	9.9938172E-01	9.9930108E-01		
8.878756E-01	9.9700099E-01	9.9982125E-01	9.9997902E-01	9.9988765E-01
9.9940896E-01	9.9893355E-01	9.9897599E-01		
9.933645E-01	9.9698734E-01	9.9981296E-01	9.9995965E-01	9.9980402E-01
9.9910069E-01	9.9847192E-01	9.9868900E-01		
1.524044E+00	9.9692452E-01	9.9963838E-01	9.9966919E-01	9.9888462E-01
9.9705279E-01	9.9583703E-01	9.9753535E-01		
2.030162E+00	9.9688005E-01	9.9897575E-01	9.9891037E-01	9.9752218E-01
9.9588174E-01	9.9396366E-01	9.9673867E-01		
2.550346E+00	9.9684381E-01	9.9728018E-01	9.9782932E-01	9.9657321E-01
9.9566871E-01	9.9269104E-01	9.9615461E-01		
3.062366E+00	9.9687117E-01	9.9466753E-01	9.9706447E-01	9.9645460E-01
9.9576485E-01	9.9238145E-01	9.9608868E-01		

3.562366E+00	9.9700171E-01	9.9214083E-01	9.9692428E-01	9.9690861E-01
9.9622858E-01	9.9306834E-01	9.9631822E-01		
4.082775E+00	9.9719608E-01	9.9031359E-01	9.9743199E-01	9.9768293E-01
9.9709636E-01	9.9439400E-01	9.9598289E-01		
4.604100E+00	9.9744684E-01	9.8953426E-01	9.9823236E-01	9.9825799E-01
9.9678361E-01	9.9406832E-01	9.9658704E-01		
5.125216E+00	9.9773216E-01	9.8959863E-01	9.9885416E-01	9.9853164E-01
9.9697971E-01	9.9523836E-01	9.9647981E-01		
5.625216E+00	9.9800831E-01	9.8971838E-01	9.9919850E-01	9.9900675E-01
9.9706745E-01	9.9597096E-01	9.9621218E-01		
6.125216E+00	9.9827945E-01	9.8816872E-01	9.9946338E-01	9.9942589E-01
9.9684036E-01	9.9640191E-01	9.9613678E-01		
6.625216E+00	9.9854767E-01	9.8297960E-01	9.9967313E-01	9.9960524E-01
9.9714041E-01	9.9618465E-01	9.9587131E-01		
7.125216E+00	9.9878764E-01	9.7589600E-01	9.9980080E-01	9.9968874E-01
9.9685866E-01	9.9558568E-01	9.9546117E-01		
7.625216E+00	9.9900347E-01	9.6974403E-01	9.9986881E-01	9.9970680E-01
9.9638712E-01	9.9478102E-01	9.9525797E-01		
8.125216E+00	9.9920976E-01	9.6564388E-01	9.9989796E-01	9.9968380E-01
9.9612224E-01	9.9409640E-01	9.9510199E-01		
8.625216E+00	9.9944496E-01	9.6320635E-01	9.9990010E-01	9.9962389E-01
9.9560404E-01	9.9383676E-01	9.9520314E-01		
9.146049E+00	9.9964607E-01	9.6150184E-01	9.9988252E-01	9.9953878E-01
9.9544758E-01	9.9424165E-01	9.9562180E-01		
9.646049E+00	9.9978763E-01	9.5996386E-01	9.9986494E-01	9.9953586E-01
9.9608767E-01	9.9467498E-01	9.9588275E-01		
1.014605E+01	9.9987543E-01	9.5817876E-01	9.9986643E-01	9.9959493E-01
9.9661773E-01	9.9488431E-01	9.9594885E-01		
1.064605E+01	9.9992353E-01	9.5603007E-01	9.9988079E-01	9.9966079E-01
9.9694109E-01	9.9495721E-01	9.9601310E-01		
1.114605E+01	9.9994457E-01	9.5340943E-01	9.9989706E-01	9.9970788E-01
9.9712896E-01	9.9495602E-01	9.9607879E-01		
1.164605E+01	9.9995679E-01	9.5007592E-01	9.9991006E-01	9.9973136E-01
9.9721885E-01	9.9488372E-01	9.9615258E-01		
1.214605E+01	9.9996907E-01	9.4558090E-01	9.9991852E-01	9.9973190E-01
9.9720085E-01	9.9478430E-01	9.9627393E-01		
1.264605E+01	9.9997544E-01	9.3910682E-01	9.9991989E-01	9.9971110E-01
9.9709171E-01	9.9470353E-01	9.9645311E-01		
1.314605E+01	9.9997419E-01	9.3308139E-01	9.9991280E-01	9.9967295E-01
9.9694496E-01	9.9467832E-01	9.9670184E-01		
1.364605E+01	9.9997205E-01	9.3014258E-01	9.9989694E-01	9.9962127E-01
9.9678594E-01	9.9476635E-01	9.9701941E-01		
1.414605E+01	9.9996459E-01	9.2974305E-01	9.9987459E-01	9.9955505E-01
9.9663776E-01	9.9503082E-01	9.9737805E-01		
1.464605E+01	9.9994904E-01	9.2920130E-01	9.9984807E-01	9.9947488E-01
9.9656415E-01	9.9547404E-01	9.9772763E-01		
1.514605E+01	9.9992514E-01	9.2631555E-01	9.9983662E-01	9.9952775E-01
9.9568135E-01	9.9603105E-01	9.9802810E-01		
1.564605E+01	9.9991924E-01	9.2098182E-01	9.9983764E-01	9.9952626E-01
9.9537039E-01	9.9658757E-01	9.9825299E-01		
1.614605E+01	9.9991792E-01	9.1604918E-01	9.9982989E-01	9.9949461E-01
9.9550438E-01	9.9704003E-01	9.9841672E-01		
1.664605E+01	9.9992067E-01	9.1402245E-01	9.9981910E-01	9.9947482E-01
9.9578667E-01	9.9734873E-01	9.9854982E-01		
1.714605E+01	9.9992257E-01	9.1523135E-01	9.9981141E-01	9.9947226E-01
9.9608684E-01	9.9757248E-01	9.9866319E-01		

1.764605E+01	9.9992520E-01	9.1818708E-01	9.9980783E-01	9.9947852E-01
9.9634755E-01	9.9774671E-01	9.9875480E-01		
1.814605E+01	9.9993044E-01	9.2037708E-01	9.9980670E-01	9.9948865E-01
9.9656427E-01	9.9789846E-01	9.9884075E-01		
1.864605E+01	9.9966013E-01	9.2048526E-01	9.9980754E-01	9.9950182E-01
9.9676359E-01	9.9803466E-01	9.9891716E-01		
1.914605E+01	9.9510282E-01	9.1936982E-01	9.9981040E-01	9.9951839E-01
9.9695879E-01	9.9814922E-01	9.9898213E-01		
1.964605E+01	9.9184161E-01	9.1844356E-01	9.9981499E-01	9.9953747E-01
9.9714208E-01	9.9824119E-01	9.9903464E-01		
2.014605E+01	9.8916525E-01	9.1821170E-01	9.9982101E-01	9.9955916E-01
9.9730837E-01	9.9830574E-01	9.9906605E-01		
2.064605E+01	9.8662645E-01	9.1829872E-01	9.9982792E-01	9.9958020E-01
9.9742848E-01	9.9835259E-01	9.9907732E-01		
2.114605E+01	9.8465407E-01	9.1789722E-01	9.9983400E-01	9.9959838E-01
9.9752349E-01	9.9836630E-01	9.9907315E-01		
2.164605E+01	9.8356879E-01	9.1639096E-01	9.9983984E-01	9.9961400E-01
9.9760681E-01	9.9832749E-01	9.9905849E-01		
2.214605E+01	9.8376423E-01	9.1437018E-01	9.9984425E-01	9.9962527E-01
9.9764663E-01	9.9826199E-01	9.9903744E-01		
2.266648E+01	9.8586589E-01	9.1231346E-01	9.9984664E-01	9.9962962E-01
9.9763477E-01	9.9819076E-01	9.9901497E-01		
2.318409E+01	9.8799479E-01	9.1018850E-01	9.9984568E-01	9.9962544E-01
9.9758112E-01	9.9814326E-01	9.9900246E-01		
2.368409E+01	9.8949528E-01	9.0788859E-01	9.9984217E-01	9.9961555E-01
9.9752241E-01	9.9811268E-01	9.9897856E-01		
2.418409E+01	9.9039334E-01	9.0564662E-01	9.9983668E-01	9.9960184E-01
9.9743909E-01	9.9805385E-01	9.9893606E-01		
2.468420E+01	9.8909754E-01	9.0410626E-01	9.9982899E-01	9.9958104E-01
9.9727798E-01	9.9795961E-01	9.9890876E-01		
2.518866E+01	9.8697364E-01	9.0395713E-01	9.9981725E-01	9.9954683E-01
9.9705350E-01	9.9788350E-01	9.9891627E-01		
2.570592E+01	9.8494017E-01	9.0492743E-01	9.9979973E-01	9.9950141E-01
9.9686307E-01	9.9782252E-01	9.9891734E-01		
2.622136E+01	9.8252642E-01	9.0618646E-01	9.9977821E-01	9.9944884E-01
9.9664718E-01	9.9780768E-01	9.9890709E-01		
2.673972E+01	9.8029810E-01	9.0732282E-01	9.9975222E-01	9.9939430E-01
9.9650294E-01	9.9780875E-01	9.9889594E-01		
2.724740E+01	9.8010051E-01	9.0809107E-01	9.9972671E-01	9.9934840E-01
9.9643356E-01	9.9782664E-01	9.9890828E-01		
2.776852E+01	9.8177791E-01	9.0867537E-01	9.9970436E-01	9.9931711E-01
9.9649674E-01	9.9781728E-01	9.9890119E-01		
2.828743E+01	9.8282993E-01	9.0881824E-01	9.9969208E-01	9.9932289E-01
9.9680644E-01	9.9748272E-01	9.9888968E-01		
2.878743E+01	9.8209316E-01	9.0830171E-01	9.9968964E-01	9.9933112E-01
9.9676055E-01	9.9718779E-01	9.9887282E-01		
2.928743E+01	9.8032212E-01	9.0723377E-01	9.9968576E-01	9.9931765E-01
9.9662524E-01	9.9703312E-01	9.9887735E-01		
2.978743E+01	9.7824907E-01	9.0591973E-01	9.9967700E-01	9.9929559E-01
9.9656475E-01	9.9696523E-01	9.9878210E-01		
3.028743E+01	9.7641563E-01	9.0418035E-01	9.9966556E-01	9.9927127E-01
9.9642867E-01	9.9674070E-01	9.9870557E-01		
3.078743E+01	9.7509193E-01	9.0200901E-01	9.9965042E-01	9.9923158E-01
9.9616325E-01	9.9652141E-01	9.9875534E-01		
3.128743E+01	9.7427332E-01	8.9975053E-01	9.9962825E-01	9.9917346E-01
9.9588507E-01	9.9644810E-01	9.9883825E-01		

3.178743E+01	9.7393823E-01	8.9748454E-01	9.9959844E-01	9.9910569E-01
9.9572569E-01	9.9649608E-01	9.9888784E-01		
3.228743E+01	9.7335166E-01	8.9528066E-01	9.9956393E-01	9.9904066E-01
9.9574143E-01	9.9657643E-01	9.9890155E-01		
3.278743E+01	9.7256464E-01	8.9354646E-01	9.9953038E-01	9.9899161E-01
9.9585813E-01	9.9662668E-01	9.9889266E-01		
3.328743E+01	9.7165984E-01	8.9278090E-01	9.9950188E-01	9.9896127E-01
9.9598491E-01	9.9663717E-01	9.9887753E-01		
3.378743E+01	9.7133380E-01	8.9296818E-01	9.9948192E-01	9.9894613E-01
9.9607068E-01	9.9662310E-01	9.9886364E-01		
3.428743E+01	9.7190988E-01	8.9355701E-01	9.9946952E-01	9.9893969E-01
9.9611086E-01	9.9660224E-01	9.9885273E-01		
3.478743E+01	9.6983111E-01	8.9408177E-01	9.9946284E-01	9.9893802E-01
9.9612045E-01	9.9658525E-01	9.9884570E-01		
3.528743E+01	9.6548319E-01	8.9442462E-01	9.9946082E-01	9.9894148E-01
9.9611062E-01	9.9657744E-01	9.9884218E-01		
3.578743E+01	9.6267897E-01	8.9466184E-01	9.9946350E-01	9.9895132E-01
9.9609357E-01	9.9658298E-01	9.9883676E-01		
3.628743E+01	9.6376300E-01	8.9483100E-01	9.9947065E-01	9.9896753E-01
9.9607283E-01	9.9659377E-01	9.9882668E-01		
3.678743E+01	9.6760356E-01	8.9476150E-01	9.9948150E-01	9.9898499E-01
9.9607384E-01	9.9659884E-01	9.9880934E-01		
3.728743E+01	9.7128773E-01	8.9411074E-01	9.9949408E-01	9.9900502E-01
9.9605852E-01	9.9658889E-01	9.9878639E-01		
3.778743E+01	9.7373676E-01	8.9263308E-01	9.9950868E-01	9.9902719E-01
9.9598974E-01	9.9655938E-01	9.9875736E-01		
3.830806E+01	9.7485554E-01	8.9041328E-01	9.9952447E-01	9.9904531E-01
9.9588430E-01	9.9650180E-01	9.9871349E-01		
3.880806E+01	9.7508276E-01	8.8825440E-01	9.9953598E-01	9.9905390E-01
9.9575269E-01	9.9641532E-01	9.9866509E-01		
3.930806E+01	9.7477496E-01	8.8619882E-01	9.9954236E-01	9.9905217E-01
9.9559450E-01	9.9631256E-01	9.9861842E-01		
3.983299E+01	9.7444850E-01	8.8384932E-01	9.9954301E-01	9.9903995E-01
9.9541646E-01	9.9620986E-01	9.9857742E-01		
4.034888E+01	9.7436285E-01	8.8123387E-01	9.9953896E-01	9.9902207E-01
9.9525410E-01	9.9613106E-01	9.9854308E-01		
4.086869E+01	9.7394133E-01	8.7868518E-01	9.9953264E-01	9.9900383E-01
9.9512297E-01	9.9607718E-01	9.9851346E-01		
4.137451E+01	9.7451347E-01	8.7690985E-01	9.9952537E-01	9.9898893E-01
9.9503475E-01	9.9605829E-01	9.9849731E-01		
4.188536E+01	9.7548300E-01	8.7618572E-01	9.9952078E-01	9.9898267E-01
9.9500144E-01	9.9606979E-01	9.9848080E-01		
4.239460E+01	9.7583354E-01	8.7629926E-01	9.9952108E-01	9.9898648E-01
9.9500507E-01	9.9609089E-01	9.9845850E-01		
4.290141E+01	9.7579563E-01	8.7661332E-01	9.9952656E-01	9.9899912E-01
9.9502379E-01	9.9610740E-01	9.9842292E-01		
4.340367E+01	9.7523737E-01	8.7667596E-01	9.9953640E-01	9.9901724E-01
9.9504262E-01	9.9610525E-01	9.9837565E-01		
4.391029E+01	9.7466254E-01	8.7651002E-01	9.9954844E-01	9.9903673E-01
9.9503976E-01	9.9607402E-01	9.9834305E-01		
4.442013E+01	9.7483748E-01	8.7627023E-01	9.9956113E-01	9.9905378E-01
9.9500138E-01	9.9603683E-01	9.9833840E-01		
4.493227E+01	9.7509521E-01	8.7585777E-01	9.9957240E-01	9.9906534E-01
9.9494791E-01	9.9601096E-01	9.9832070E-01		
4.543827E+01	9.7537023E-01	8.7493783E-01	9.9958080E-01	9.9907136E-01
9.9487740E-01	9.9593359E-01	9.9825960E-01		

4.593893E+01	9.7564816E-01	8.7323701E-01	9.9958670E-01	9.9906951E-01
9.9471313E-01	9.9573988E-01	9.9817353E-01		
4.644418E+01	9.7632229E-01	8.7034374E-01	9.9958897E-01	9.9905729E-01
9.9457645E-01	9.9573994E-01	9.9819845E-01		
4.695213E+01	9.7724837E-01	8.6707139E-01	9.9958915E-01	9.9905372E-01
9.9461424E-01	9.9579942E-01	9.9814689E-01		
4.745940E+01	9.7840750E-01	8.6441630E-01	9.9959254E-01	9.9906349E-01
9.9463475E-01	9.9576449E-01	9.9811184E-01		
4.797015E+01	9.7981656E-01	8.6195576E-01	9.9959826E-01	9.9906951E-01
9.9451596E-01	9.9563247E-01	9.9808532E-01		
4.847311E+01	9.8088384E-01	8.5943758E-01	9.9959958E-01	9.9905652E-01
9.9433249E-01	9.9556196E-01	9.9811465E-01		
4.898312E+01	9.8225647E-01	8.5753882E-01	9.9959344E-01	9.9903768E-01
9.9433827E-01	9.9566108E-01	9.9807388E-01		
4.948804E+01	9.8526073E-01	8.5700411E-01	9.9958861E-01	9.9903876E-01
9.9447531E-01	9.9571037E-01	9.9797475E-01		
4.999225E+01	9.8951298E-01	8.5751742E-01	9.9959111E-01	9.9905640E-01
9.9452978E-01	9.9564713E-01	9.9790591E-01		
5.049424E+01	9.9285358E-01	8.5810697E-01	9.9959838E-01	9.9907202E-01
9.9446023E-01	9.9554646E-01	9.9788654E-01		
5.099622E+01	9.9509585E-01	8.5806316E-01	9.9960458E-01	9.9907476E-01
9.9433708E-01	9.9546701E-01	9.9789381E-01		
5.149626E+01	9.9654013E-01	8.5739726E-01	9.9960595E-01	9.9906510E-01
9.9422425E-01	9.9542165E-01	9.9790663E-01		
5.199947E+01	9.9747676E-01	8.5631353E-01	9.9960220E-01	9.9904823E-01
9.9414355E-01	9.9540085E-01	9.9791735E-01		
5.250106E+01	9.9809533E-01	8.5476989E-01	9.9959528E-01	9.9902993E-01
9.9409324E-01	9.9539500E-01	9.9792606E-01		
5.300600E+01	9.9851453E-01	8.5250026E-01	9.9958807E-01	9.9901360E-01
9.9406582E-01	9.9539727E-01	9.9793315E-01		
5.351564E+01	9.9880809E-01	8.4954715E-01	9.9958122E-01	9.9900043E-01
9.9405253E-01	9.9540389E-01	9.9794137E-01		
5.402672E+01	9.9901593E-01	8.4634155E-01	9.9957496E-01	9.9899036E-01
9.9404782E-01	9.9541318E-01	9.9795139E-01		
5.452872E+01	9.9918449E-01	8.4336168E-01	9.9956989E-01	9.9898279E-01
9.9404746E-01	9.9542332E-01	9.9796414E-01		
5.503849E+01	9.9934626E-01	8.4082210E-01	9.9956536E-01	9.9897647E-01
9.9404871E-01	9.9543530E-01	9.9798006E-01		
5.554660E+01	9.9951327E-01	8.3913380E-01	9.9956053E-01	9.9897033E-01
9.9405134E-01	9.9544907E-01	9.9799854E-01		
5.606082E+01	9.9965650E-01	8.3838534E-01	9.9955595E-01	9.9896443E-01
9.9405712E-01	9.9546617E-01	9.9801856E-01		
5.657179E+01	9.9975944E-01	8.3836985E-01	9.9955195E-01	9.9895871E-01
9.9406773E-01	9.9548388E-01	9.9803746E-01		
5.707279E+01	9.9982893E-01	8.3864075E-01	9.9954820E-01	9.9895287E-01
9.9407822E-01	9.9549752E-01	9.9805468E-01		
5.758298E+01	9.9987710E-01	8.3882308E-01	9.9954396E-01	9.9894637E-01
9.9408424E-01	9.9550736E-01	9.9807280E-01		
5.810007E+01	9.9990904E-01	8.3863658E-01	9.9953920E-01	9.9893856E-01
9.9408573E-01	9.9551815E-01	9.9809337E-01		
5.860656E+01	9.9992919E-01	8.3797306E-01	9.9953407E-01	9.9893010E-01
9.9408847E-01	9.9553502E-01	9.9811673E-01		
5.912025E+01	9.9994481E-01	8.3674711E-01	9.9952871E-01	9.9892199E-01
9.9410045E-01	9.9556190E-01	9.9814218E-01		
5.962025E+01	9.9995548E-01	8.3500516E-01	9.9952400E-01	9.9891591E-01
9.9412650E-01	9.9559671E-01	9.9816722E-01		

6.012025E+01 9.9996251E-01 8.3273220E-01 9.9952120E-01 9.9891245E-01
9.9416679E-01 9.9563724E-01 9.9819225E-01
6.062025E+01 9.9996835E-01 8.3007753E-01 9.9951953E-01 9.9891239E-01
9.9421906E-01 9.9568099E-01 9.9821717E-01
6.112025E+01 9.9997270E-01 8.2721710E-01 9.9951869E-01 9.9891502E-01
9.9427837E-01 9.9572688E-01 9.9824363E-01
6.162025E+01 9.9997568E-01 8.2435697E-01 9.9951923E-01 9.9892026E-01
9.9434298E-01 9.9577451E-01 9.9827099E-01
6.212025E+01 9.9997735E-01 8.2175148E-01 9.9952090E-01 9.9892730E-01
9.9441230E-01 9.9582380E-01 9.9829912E-01
6.262025E+01 9.9997979E-01 8.1965899E-01 9.9952328E-01 9.9893606E-01
9.9448830E-01 9.9587709E-01 9.9832875E-01
6.312025E+01 9.9998146E-01 8.1824738E-01 9.9952567E-01 9.9894637E-01
9.9457330E-01 9.9593490E-01 9.9835920E-01
6.362025E+01 9.9998224E-01 8.1752712E-01 9.9952912E-01 9.9895871E-01
9.9466747E-01 9.9599642E-01 9.9839020E-01
6.412025E+01 9.9998260E-01 8.1731993E-01 9.9953407E-01 9.9897295E-01
9.9476933E-01 9.9606079E-01 9.9842149E-01
6.462025E+01 9.9998277E-01 8.1741983E-01 9.9954021E-01 9.9898922E-01
9.9487776E-01 9.9612707E-01 9.9845326E-01
6.514344E+01 9.9998391E-01 8.1770468E-01 9.9954772E-01 9.9900830E-01
9.9499732E-01 9.9619901E-01 9.9848688E-01
6.566270E+01 9.9998456E-01 8.1803071E-01 9.9955612E-01 9.9902874E-01
9.9512124E-01 9.9627340E-01 9.9852175E-01
6.618295E+01 9.9998486E-01 8.1816363E-01 9.9956483E-01 9.9905050E-01
9.9525005E-01 9.9635249E-01 9.9855846E-01
6.668818E+01 9.9998492E-01 8.1783062E-01 9.9957395E-01 9.9907279E-01
9.9537975E-01 9.9643421E-01 9.9859565E-01
6.719306E+01 9.9998558E-01 8.1685179E-01 9.9958354E-01 9.9909562E-01
9.9551231E-01 9.9651980E-01 9.9863470E-01
6.770707E+01 9.9998671E-01 8.1515366E-01 9.9959368E-01 9.9912006E-01
9.9564898E-01 9.9661130E-01 9.9867475E-01
6.821601E+01 9.9998772E-01 8.1296366E-01 9.9960464E-01 9.9914432E-01
9.9578387E-01 9.9670410E-01 9.9871379E-01
6.872067E+01 9.9998885E-01 8.1059510E-01 9.9961549E-01 9.9916834E-01
9.9591500E-01 9.9679619E-01 9.9875039E-01
6.922510E+01 9.9998915E-01 8.0820405E-01 9.9962568E-01 9.9919122E-01
9.9603999E-01 9.9688601E-01 9.9878544E-01
6.973701E+01 9.9998873E-01 8.0583864E-01 9.9963552E-01 9.9921328E-01
9.9616081E-01 9.9697375E-01 9.9882174E-01
7.023885E+01 9.9998927E-01 8.0376321E-01 9.9964434E-01 9.9923396E-01
9.9627250E-01 9.9706775E-01 9.9886155E-01
7.074079E+01 9.9998969E-01 8.0220014E-01 9.9965310E-01 9.9925435E-01
9.9638867E-01 9.9719048E-01 9.9890798E-01
7.124079E+01 9.9998987E-01 8.0141336E-01 9.9966097E-01 9.9927521E-01
9.9653178E-01 9.9733251E-01 9.9896747E-01
7.175066E+01 9.9998999E-01 8.0147487E-01 9.9967009E-01 9.9929976E-01
9.9668437E-01 9.9751979E-01 9.9903089E-01
7.227091E+01 9.9998975E-01 8.0254662E-01 9.9968159E-01 9.9932760E-01
9.9684036E-01 9.9775159E-01 9.9908406E-01
7.277091E+01 9.9998945E-01 8.0367458E-01 9.9969399E-01 9.9935520E-01
9.9693811E-01 9.9801350E-01 9.9912322E-01
7.327091E+01 9.9998862E-01 8.0442089E-01 9.9970591E-01 9.9937898E-01
9.9703574E-01 9.9826944E-01 9.9914658E-01
7.377091E+01 9.9998742E-01 8.0502939E-01 9.9971813E-01 9.9940687E-01
9.9720305E-01 9.9841100E-01 9.9917108E-01

7.427091E+01	9.9998689E-01	8.0558795E-01	9.9973166E-01	9.9943930E-01
9.9737316E-01	9.9847293E-01	9.9920225E-01		
7.478299E+01	9.9998635E-01	8.0545574E-01	9.9974376E-01	9.9946833E-01
9.9759001E-01	9.9842316E-01	9.9924678E-01		
7.528299E+01	9.9998355E-01	8.0406767E-01	9.9975330E-01	9.9949658E-01
9.9769485E-01	9.9827540E-01	9.9931782E-01		
7.578299E+01	9.9998236E-01	8.0193341E-01	9.9976480E-01	9.9951035E-01
9.9763083E-01	9.9824411E-01	9.9929029E-01		
7.628299E+01	9.9998170E-01	7.9979789E-01	9.9976987E-01	9.9950886E-01
9.9756372E-01	9.9812597E-01	9.9922836E-01		
7.678299E+01	9.9998134E-01	7.9777384E-01	9.9976885E-01	9.9949974E-01
9.9744391E-01	9.9795109E-01	9.9917024E-01		
7.728299E+01	9.9998128E-01	7.9571098E-01	9.9976242E-01	9.9947912E-01
9.9730343E-01	9.9777883E-01	9.9910140E-01		
7.778299E+01	9.9998128E-01	7.9370052E-01	9.9975014E-01	9.9945176E-01
9.9719739E-01	9.9756402E-01	9.9902648E-01		
7.830791E+01	9.9998128E-01	7.9202467E-01	9.9973404E-01	9.9941993E-01
9.9704325E-01	9.9731642E-01	9.9894089E-01		
7.880791E+01	9.9998194E-01	7.9127306E-01	9.9971581E-01	9.9938327E-01
9.9687010E-01	9.9709582E-01	9.9889642E-01		
7.930791E+01	9.9998224E-01	7.9152656E-01	9.9969524E-01	9.9934465E-01
9.9676460E-01	9.9701315E-01	9.9883658E-01		
7.980791E+01	9.9998236E-01	7.9244596E-01	9.9967635E-01	9.9931288E-01
9.9663478E-01	9.9679410E-01	9.9869174E-01		
8.030791E+01	9.9998242E-01	7.9348952E-01	9.9965942E-01	9.9927455E-01
9.9632990E-01	9.9648148E-01	9.9868524E-01		
8.080791E+01	9.9998248E-01	7.9438835E-01	9.9963748E-01	9.9921209E-01
9.9594498E-01	9.9628383E-01	9.9877149E-01		
8.130791E+01	9.9998254E-01	7.9513824E-01	9.9960494E-01	9.9912786E-01
9.9567264E-01	9.9627191E-01	9.9883109E-01		
8.180791E+01	9.9998283E-01	7.9567808E-01	9.9956304E-01	9.9903882E-01
9.9561930E-01	9.9633986E-01	9.9884146E-01		
8.230791E+01	9.9998325E-01	7.9578531E-01	9.9951756E-01	9.9896270E-01
9.9574578E-01	9.9639535E-01	9.9882746E-01		
8.280791E+01	9.9998397E-01	7.9515928E-01	9.9947608E-01	9.9891078E-01
9.9593037E-01	9.9641174E-01	9.9880773E-01		
8.330791E+01	9.9998415E-01	7.9355603E-01	9.9944496E-01	9.9888313E-01
9.9607110E-01	9.9640107E-01	9.9879009E-01		
8.380791E+01	9.9998450E-01	7.9117471E-01	9.9942636E-01	9.9887234E-01
9.9613667E-01	9.9638152E-01	9.9877608E-01		
8.430791E+01	9.9998271E-01	7.8858650E-01	9.9941701E-01	9.9887073E-01
9.9613488E-01	9.9636507E-01	9.9876577E-01		
8.483009E+01	9.9998075E-01	7.8593999E-01	9.9941427E-01	9.9887353E-01
9.9608642E-01	9.9635649E-01	9.9875951E-01		
8.533189E+01	9.9998200E-01	7.8335178E-01	9.9941647E-01	9.9887896E-01
9.9601251E-01	9.9635416E-01	9.9875724E-01		
8.583189E+01	9.9998391E-01	7.8086388E-01	9.9942207E-01	9.9888575E-01
9.9592990E-01	9.9635422E-01	9.9875438E-01		
8.634407E+01	9.9998522E-01	7.7892208E-01	9.9942815E-01	9.9888813E-01
9.9588752E-01	9.9635202E-01	9.9874449E-01		
8.686680E+01	9.9998647E-01	7.7794182E-01	9.9943483E-01	9.9889731E-01
9.9580908E-01	9.9633676E-01	9.9872530E-01		
8.738983E+01	9.9998772E-01	7.7790195E-01	9.9944323E-01	9.9890512E-01
9.9568397E-01	9.9631250E-01	9.9872524E-01		
8.789572E+01	9.9998784E-01	7.7839077E-01	9.9945068E-01	9.9891138E-01
9.9557477E-01	9.9632990E-01	9.9873084E-01		

8.841684E+01	9.9998826E-01	7.7914369E-01	9.9945796E-01	9.9891716E-01
9.9550456E-01	9.9636000E-01	9.9873978E-01		
8.892328E+01	9.9998707E-01	7.7978158E-01	9.9946517E-01	9.9892610E-01
9.9547166E-01	9.9639201E-01	9.9873972E-01		
8.943372E+01	9.9998909E-01	7.8009969E-01	9.9947411E-01	9.9893993E-01
9.9544770E-01	9.9641043E-01	9.9873698E-01		
8.995622E+01	9.9999088E-01	7.8006893E-01	9.9948567E-01	9.9895728E-01
9.9542719E-01	9.9642581E-01	9.9873525E-01		
9.045622E+01	9.9999154E-01	7.7947527E-01	9.9949688E-01	9.9897397E-01
9.9541444E-01	9.9643666E-01	9.9872994E-01		
9.096755E+01	9.9999166E-01	7.7769178E-01	9.9950856E-01	9.9899018E-01
9.9539948E-01	9.9643087E-01	9.9871576E-01		
9.146755E+01	9.9999225E-01	7.7487767E-01	9.9951988E-01	9.9900234E-01
9.9537021E-01	9.9640465E-01	9.9870062E-01		
9.196755E+01	9.9999285E-01	7.7203375E-01	9.9952829E-01	9.9900919E-01
9.9532574E-01	9.9636972E-01	9.9868745E-01		
9.248622E+01	9.9999291E-01	7.6944351E-01	9.9953371E-01	9.9901086E-01
9.9527901E-01	9.9632871E-01	9.9866831E-01		
9.299437E+01	9.9999291E-01	7.6696807E-01	9.9953473E-01	9.9900526E-01
9.9521559E-01	9.9628240E-01	9.9867451E-01		
9.350123E+01	9.9999380E-01	7.6451254E-01	9.9953169E-01	9.9899435E-01
9.9516773E-01	9.9627715E-01	9.9868530E-01		
9.401919E+01	9.9999434E-01	7.6280612E-01	9.9952555E-01	9.9898207E-01
9.9515539E-01	9.9628937E-01	9.9869424E-01		
9.453943E+01	9.9999470E-01	7.6245290E-01	9.9951768E-01	9.9897045E-01
9.9516928E-01	9.9631143E-01	9.9870592E-01		
9.504118E+01	9.9999565E-01	7.6330101E-01	9.9951148E-01	9.9896330E-01
9.9520016E-01	9.9633139E-01	9.9870944E-01		
9.554896E+01	9.9999654E-01	7.6450413E-01	9.9950713E-01	9.9895966E-01
9.9523115E-01	9.9634129E-01	9.9871337E-01		
9.604896E+01	9.9999678E-01	7.6533693E-01	9.9950439E-01	9.9895757E-01
9.9525309E-01	9.9634695E-01	9.9871933E-01		
9.654896E+01	9.9999684E-01	7.6595134E-01	9.9950200E-01	9.9895561E-01
9.9527049E-01	9.9635106E-01	9.9872506E-01		
9.706335E+01	9.9999684E-01	7.6625872E-01	9.9949956E-01	9.9895257E-01
9.9528658E-01	9.9635452E-01	9.9873251E-01		
9.758144E+01	9.9999696E-01	7.6539445E-01	9.9949616E-01	9.9894798E-01
9.9530452E-01	9.9635929E-01	9.9874008E-01		
9.808710E+01	9.9999708E-01	7.6325589E-01	9.9949336E-01	9.9894267E-01
9.9532598E-01	9.9636281E-01	9.9874580E-01		
9.859486E+01	9.9999738E-01	7.5994915E-01	9.9949050E-01	9.9893677E-01
9.9535090E-01	9.9636322E-01	9.9874938E-01		
9.910259E+01	9.9999756E-01	7.5672543E-01	9.9948668E-01	9.9893016E-01
9.9537563E-01	9.9635905E-01	9.9875170E-01		
9.960883E+01	9.9999857E-01	7.5390238E-01	9.9948156E-01	9.9892116E-01
9.9539727E-01	9.9634826E-01	9.9875903E-01		
1.050470E+02	9.9999928E-01	7.5226378E-01	9.9940765E-01	9.9883181E-01
9.9572891E-01	9.9634463E-01	9.9875271E-01		
1.100490E+02	9.9999928E-01	7.3559117E-01	9.9935675E-01	9.9875593E-01
9.9570036E-01	9.9626404E-01	9.9870700E-01		
1.150536E+02	9.9999970E-01	7.2172374E-01	9.9937814E-01	9.9879539E-01
9.9571323E-01	9.9630350E-01	9.9872851E-01		
1.200844E+02	9.9999994E-01	7.1929336E-01	9.9935192E-01	9.9878311E-01
9.9600941E-01	9.9642009E-01	9.9877161E-01		
1.251066E+02	9.9999994E-01	7.0047736E-01	9.9934953E-01	9.9877596E-01
9.9641192E-01	9.9666899E-01	9.9855810E-01		

1.301141E+02	1.0000000E+00	6.9910920E-01	9.9938154E-01	9.9883550E-01
9.9622369E-01	9.9651057E-01	9.9826866E-01		
1.351283E+02	1.0000000E+00	6.8240333E-01	9.9942315E-01	9.9889302E-01
9.9617273E-01	9.9653029E-01	9.9830949E-01		
1.401329E+02	1.0000000E+00	6.8080145E-01	9.9938196E-01	9.9884379E-01
9.9634087E-01	9.9672765E-01	9.9851006E-01		
1.451352E+02	1.0000000E+00	6.6714072E-01	9.9938983E-01	9.9886781E-01
9.9642372E-01	9.9676180E-01	9.9853355E-01		
1.501399E+02	1.0000000E+00	6.5830702E-01	9.9939853E-01	9.9888462E-01
9.9652672E-01	9.9683213E-01	9.9857569E-01		
1.551709E+02	1.0000000E+00	6.5358013E-01	9.9943370E-01	9.9894977E-01
9.9666870E-01	9.9696100E-01	9.9863929E-01		
1.602165E+02	1.0000000E+00	6.4107978E-01	9.9945647E-01	9.9899787E-01
9.9687833E-01	9.9707490E-01	9.9869418E-01		
1.652350E+02	1.0000000E+00	6.3664806E-01	9.9947804E-01	9.9904007E-01
9.9704784E-01	9.9716955E-01	9.9874347E-01		
1.702598E+02	1.0000000E+00	6.2851721E-01	9.9949551E-01	9.9907523E-01
9.9715418E-01	9.9723887E-01	9.9877876E-01		
1.752735E+02	1.0000000E+00	6.2542355E-01	9.9951684E-01	9.9911183E-01
9.9727988E-01	9.9736530E-01	9.9884742E-01		
1.802951E+02	1.0000000E+00	6.0908520E-01	9.9955404E-01	9.9916977E-01
9.9730420E-01	9.9741137E-01	9.9888283E-01		
1.853119E+02	1.0000000E+00	6.1425233E-01	9.9957806E-01	9.9921459E-01
9.9740809E-01	9.9749792E-01	9.9892712E-01		
1.903279E+02	1.0000000E+00	5.9526205E-01	9.9959928E-01	9.9925566E-01
9.9755877E-01	9.9760222E-01	9.9897856E-01		
1.953564E+02	1.0000000E+00	6.0393244E-01	9.9960643E-01	9.9927419E-01
9.9766296E-01	9.9766552E-01	9.9900866E-01		
2.003570E+02	1.0000000E+00	5.9122598E-01	9.9962300E-01	9.9930024E-01
9.9768615E-01	9.9771446E-01	9.9903494E-01		
2.053755E+02	1.0000000E+00	5.8557248E-01	9.9963486E-01	9.9931806E-01
9.9770582E-01	9.9773169E-01	9.9904430E-01		
2.104183E+02	1.0000000E+00	5.9616679E-01	9.9963510E-01	9.9932218E-01
9.9773061E-01	9.9774700E-01	9.9905044E-01		
2.154335E+02	1.0000000E+00	5.6481695E-01	9.9964011E-01	9.9932665E-01
9.9772549E-01	9.9774218E-01	9.9904734E-01		
2.204606E+02	1.0000000E+00	5.8157730E-01	9.9963933E-01	9.9933010E-01
9.9774611E-01	9.9776798E-01	9.9905908E-01		
2.254792E+02	1.0000000E+00	5.4155374E-01	9.9963868E-01	9.9932635E-01
9.9774134E-01	9.9776042E-01	9.9905628E-01		
2.304864E+02	1.0000000E+00	5.7246923E-01	9.9963605E-01	9.9932253E-01
9.9773568E-01	9.9775666E-01	9.9905503E-01		
2.354968E+02	1.0000000E+00	5.3958941E-01	9.9963689E-01	9.9932456E-01
9.9772751E-01	9.9773151E-01	9.9904585E-01		
2.404991E+02	1.0000000E+00	5.5547088E-01	9.9963886E-01	9.9933422E-01
9.9779451E-01	9.9778932E-01	9.9906665E-01		
2.455048E+02	1.0000000E+00	5.5154532E-01	9.9963570E-01	9.9933106E-01
9.9784023E-01	9.9779725E-01	9.9907321E-01		
2.505233E+02	1.0000000E+00	5.3578138E-01	9.9963355E-01	9.9933594E-01
9.9793303E-01	9.9783862E-01	9.9908322E-01		
2.555298E+02	1.0000000E+00	5.4297101E-01	9.9962991E-01	9.9933696E-01
9.9799854E-01	9.9784356E-01	9.9909043E-01		
2.605788E+02	1.0000000E+00	5.1868260E-01	9.9962556E-01	9.9933928E-01
9.9808961E-01	9.9785173E-01	9.9909621E-01		
2.656043E+02	1.0000000E+00	5.5058938E-01	9.9962789E-01	9.9934840E-01
9.9816996E-01	9.9789530E-01	9.9911600E-01		

2.706539E+02	1.0000000E+00	4.8521727E-01	9.9962270E-01	9.9936426E-01
9.9833733E-01	9.9798816E-01	9.9913889E-01		
2.756957E+02	1.0000000E+00	5.1720029E-01	9.9962223E-01	9.9936604E-01
9.9841487E-01	9.9794507E-01	9.9912637E-01		
2.807159E+02	1.0000000E+00	5.2104706E-01	9.9960953E-01	9.9936998E-01
9.9862069E-01	9.9797159E-01	9.9914008E-01		
2.857581E+02	1.0000000E+00	4.8699808E-01	9.9960440E-01	9.9938178E-01
9.9875867E-01	9.9801189E-01	9.9916297E-01		
2.907736E+02	1.0000000E+00	4.9556950E-01	9.9961835E-01	9.9941832E-01
9.9883747E-01	9.9811345E-01	9.9917340E-01		
2.957799E+02	1.0000000E+00	5.0637418E-01	9.9963498E-01	9.9942541E-01
9.9766517E-01	9.9823064E-01	9.9917108E-01		
3.007857E+02	1.0000000E+00	4.8419431E-01	9.9962109E-01	9.9940556E-01
9.9765873E-01	9.9826521E-01	9.9917990E-01		
3.058138E+02	1.0000000E+00	4.9257094E-01	9.9963295E-01	9.9942738E-01
9.9773258E-01	9.9827749E-01	9.9918497E-01		
3.108138E+02	1.0000000E+00	4.8907220E-01	9.9963629E-01	9.9943471E-01
9.9781984E-01	9.9836951E-01	9.9921161E-01		
3.158304E+02	1.0000000E+00	4.8384401E-01	9.9960101E-01	9.9938357E-01
9.9799508E-01	9.9837226E-01	9.9922597E-01		
3.208480E+02	1.0000000E+00	4.4091254E-01	9.9956983E-01	9.9926192E-01
9.9847883E-01	9.9856514E-01	9.9932116E-01		
3.258746E+02	1.0000000E+00	4.1079244E-01	9.9952531E-01	9.9927717E-01
9.9816978E-01	9.9825400E-01	9.9920660E-01		
3.308900E+02	1.0000000E+00	4.9852565E-01	9.9955666E-01	9.9933672E-01
9.9846292E-01	9.9839830E-01	9.9925971E-01		
3.358961E+02	1.0000000E+00	4.9662104E-01	9.9956203E-01	9.9928832E-01
9.9880040E-01	9.9866915E-01	9.9934185E-01		
3.409074E+02	1.0000000E+00	4.4256619E-01	9.9950445E-01	9.9923503E-01
9.9890530E-01	9.9866772E-01	9.9934304E-01		
3.459233E+02	1.0000000E+00	4.5876986E-01	9.9945039E-01	9.9922514E-01
9.9898958E-01	9.9852920E-01	9.9930120E-01		
3.509260E+02	1.0000000E+00	4.7382632E-01	9.9955642E-01	9.9934685E-01
9.9898970E-01	9.9854666E-01	9.9930573E-01		
3.559283E+02	1.0000000E+00	4.5492154E-01	9.9959648E-01	9.9937534E-01
9.9897909E-01	9.9855840E-01	9.9931574E-01		
3.609366E+02	1.0000000E+00	4.2564127E-01	9.9962270E-01	9.9938071E-01
9.9896240E-01	9.9853802E-01	9.9932140E-01		
3.659482E+02	1.0000000E+00	4.2616805E-01	9.9963981E-01	9.9937934E-01
9.9893492E-01	9.9850261E-01	9.9931902E-01		
3.709486E+02	1.0000000E+00	3.9487588E-01	9.9964291E-01	9.9935538E-01
9.9873251E-01	9.9855292E-01	9.9934173E-01		
3.759580E+02	1.0000000E+00	4.2175603E-01	9.9963373E-01	9.9936283E-01
9.9836344E-01	9.9852467E-01	9.9931759E-01		
3.809612E+02	1.0000000E+00	3.9271709E-01	9.9959326E-01	9.9927408E-01
9.9866217E-01	9.9869651E-01	9.9938577E-01		
3.859788E+02	1.0000000E+00	4.1307637E-01	9.9957454E-01	9.9927753E-01
9.9819845E-01	9.9830192E-01	9.9924171E-01		
3.910090E+02	1.0000000E+00	4.4948748E-01	9.9960124E-01	9.9932057E-01
9.9850082E-01	9.9829972E-01	9.9923819E-01		
3.960181E+02	1.0000000E+00	4.5664811E-01	9.9958789E-01	9.9930656E-01
9.9876022E-01	9.9852449E-01	9.9930263E-01		
4.010229E+02	9.9999994E-01	3.9300609E-01	9.9957466E-01	9.9926347E-01
9.9859208E-01	9.9845153E-01	9.9929154E-01		
4.060714E+02	9.9999994E-01	4.3127659E-01	9.9961579E-01	9.9935013E-01
9.9808419E-01	9.9830389E-01	9.9925202E-01		

4.111179E+02	9.9999994E-01	4.5189381E-01	9.9966061E-01	9.9947321E-01
9.9809116E-01	9.9838167E-01	9.9929863E-01		
4.161518E+02	9.9999994E-01	4.4879362E-01	9.9968934E-01	9.9951482E-01
9.9837619E-01	9.9864417E-01	9.9937117E-01		
4.211620E+02	9.9999994E-01	4.2732093E-01	9.9971163E-01	9.9952114E-01
9.9840510E-01	9.9866855E-01	9.9934733E-01		
4.261913E+02	9.9999994E-01	3.9410526E-01	9.9968570E-01	9.9947506E-01
9.9838877E-01	9.9866080E-01	9.9937588E-01		
4.311930E+02	9.9999994E-01	4.0450606E-01	9.9969864E-01	9.9949151E-01
9.9826455E-01	9.9855232E-01	9.9933630E-01		
4.361968E+02	9.9999994E-01	4.3249577E-01	9.9964422E-01	9.9944609E-01
9.9853325E-01	9.9865836E-01	9.9939638E-01		
4.412443E+02	9.9999994E-01	3.8130316E-01	9.9973941E-01	9.9958366E-01
9.9876022E-01	9.9895567E-01	9.9952090E-01		
4.462449E+02	9.9999994E-01	4.1095707E-01	9.9975592E-01	9.9961829E-01
9.9848026E-01	9.9876744E-01	9.9947602E-01		
4.512502E+02	9.9999994E-01	4.1462338E-01	9.9954313E-01	9.9917752E-01
9.9777353E-01	9.9781555E-01	9.9895722E-01		
4.562851E+02	9.9999994E-01	3.6993966E-01	9.9930358E-01	9.9876797E-01
9.9774259E-01	9.9750626E-01	9.9883544E-01		
4.613121E+02	9.9999994E-01	3.8973850E-01	9.9946624E-01	9.9916321E-01
9.9664551E-01	9.9750912E-01	9.9883670E-01		
4.663397E+02	9.9999994E-01	4.0237114E-01	9.9956876E-01	9.9934775E-01
9.9788743E-01	9.9818105E-01	9.9915111E-01		
4.713776E+02	9.9999994E-01	3.6239439E-01	9.9960029E-01	9.9939167E-01
9.9775088E-01	9.9841642E-01	9.9929506E-01		
4.763856E+02	9.9999994E-01	3.6063504E-01	9.9965298E-01	9.9946547E-01
9.9888992E-01	9.9818230E-01	9.9934137E-01		
4.814128E+02	9.9999994E-01	3.9757642E-01	9.9967438E-01	9.9947351E-01
9.9813432E-01	9.9791485E-01	9.9905425E-01		
4.864223E+02	9.9999994E-01	3.5090575E-01	9.9941903E-01	9.9903893E-01
9.9723214E-01	9.9760324E-01	9.9884290E-01		
4.914722E+02	9.9999994E-01	3.6828721E-01	9.9941260E-01	9.9901807E-01
9.9703211E-01	9.9695992E-01	9.9861604E-01		
4.964919E+02	9.9999994E-01	3.8024980E-01	9.9938297E-01	9.9896252E-01
9.9758607E-01	9.9702036E-01	9.9860895E-01		
5.015259E+02	1.0000000E+00	3.3040309E-01	9.9934334E-01	9.9895597E-01
9.9585646E-01	9.9715590E-01	9.9863839E-01		
5.065450E+02	1.0000000E+00	3.2134715E-01	9.9922860E-01	9.9872607E-01
9.9751365E-01	9.9641258E-01	9.9841362E-01		
5.115457E+02	1.0000000E+00	3.7468037E-01	9.9938959E-01	9.9890941E-01
9.9659878E-01	9.9636012E-01	9.9837297E-01		
5.165457E+02	1.0000000E+00	2.9908666E-01	9.9932760E-01	9.9890405E-01
9.9713075E-01	9.9725544E-01	9.9869478E-01		
5.215463E+02	1.0000000E+00	2.6807657E-01	9.9923581E-01	9.9882406E-01
9.9543256E-01	9.9678302E-01	9.9852377E-01		
5.265685E+02	1.0000000E+00	2.5292328E-01	9.9924982E-01	9.9856544E-01
9.9613720E-01	9.9550241E-01	9.9812639E-01		
5.316183E+02	1.0000000E+00	3.5964799E-01	9.9941331E-01	9.9900663E-01
9.9707526E-01	9.9652684E-01	9.9860036E-01		
5.366320E+02	1.0000000E+00	2.8089467E-01	9.9929595E-01	9.9844706E-01
9.9563360E-01	9.9591333E-01	9.9836957E-01		
5.416345E+02	1.0000000E+00	2.6034087E-01	9.9956059E-01	9.9902070E-01
9.9526101E-01	9.9602979E-01	9.9825263E-01		
5.466345E+02	1.0000000E+00	2.9019541E-01	9.9955565E-01	9.9921376E-01
9.9687868E-01	9.9729586E-01	9.9895179E-01		

5.516580E+02	1.0000000E+00	3.3745766E-01	9.9696666E-01	9.9922371E-01
9.9611753E-01	9.9737132E-01	9.9882060E-01		
5.566583E+02	1.0000000E+00	2.4702719E-01	9.9912632E-01	9.9861699E-01
9.9650252E-01	9.9744380E-01	9.9893880E-01		
5.616711E+02	1.0000000E+00	1.8276392E-01	9.9962389E-01	9.9913055E-01
9.9427462E-01	9.9515015E-01	9.9802005E-01		
5.666711E+02	1.0000000E+00	2.9311821E-01	9.8942339E-01	9.9908906E-01
9.9766755E-01	9.9720287E-01	9.9884754E-01		
5.717148E+02	1.0000000E+00	2.8877959E-01	9.9912763E-01	9.9852675E-01
9.9613750E-01	9.9712414E-01	9.9875385E-01		
5.767209E+02	1.0000000E+00	2.0534515E-01	9.9956858E-01	9.9926150E-01
9.9762011E-01	9.9726129E-01	9.9882287E-01		
5.817575E+02	1.0000000E+00	1.9019026E-01	9.9917984E-01	9.9862206E-01
9.9523872E-01	9.9627763E-01	9.9843025E-01		
5.867994E+02	1.0000000E+00	2.7162826E-01	9.9953896E-01	9.9932402E-01
9.9790353E-01	9.9761426E-01	9.9894071E-01		
5.918351E+02	1.0000000E+00	1.8655488E-01	9.9930626E-01	9.9850798E-01
9.9656188E-01	9.9637419E-01	9.9860603E-01		
5.968547E+02	1.0000000E+00	1.8159229E-01	9.9962676E-01	9.9938095E-01
9.9815536E-01	9.9800617E-01	9.9918193E-01		
6.018547E+02	1.0000000E+00	2.4319704E-01	9.9975491E-01	9.9947840E-01
9.9753970E-01	9.9846917E-01	9.9933434E-01		
6.068926E+02	1.0000000E+00	1.9662510E-01	9.9970549E-01	9.9933386E-01
9.9677593E-01	9.9691653E-01	9.9860048E-01		
6.119015E+02	1.0000000E+00	1.5846677E-01	9.9958539E-01	9.9944919E-01
9.9829173E-01	9.9834859E-01	9.9921477E-01		
6.169453E+02	1.0000000E+00	2.4766645E-01	9.9965715E-01	9.9955809E-01
9.9912727E-01	9.9886632E-01	9.9961972E-01		
6.219643E+02	1.0000000E+00	1.3480397E-01	9.9982464E-01	9.9962187E-01
9.9791199E-01	9.9845684E-01	9.9921370E-01		
6.269753E+02	1.0000000E+00	1.6154571E-01	9.9974054E-01	9.9955946E-01
9.9882495E-01	9.9813795E-01	9.9917376E-01		
6.319825E+02	1.0000000E+00	2.0184276E-01	9.9960285E-01	9.9947345E-01
9.9892080E-01	9.9892682E-01	9.9957621E-01		
6.369911E+02	1.0000000E+00	1.5651684E-01	9.9972767E-01	9.9955320E-01
9.9901903E-01	9.9851835E-01	9.9946219E-01		
6.420153E+02	1.0000000E+00	1.7460731E-01	9.9982846E-01	9.9970555E-01
9.9898958E-01	9.9906123E-01	9.9964482E-01		
6.470455E+02	1.0000000E+00	1.7924905E-01	9.9983704E-01	9.9971199E-01
9.9884361E-01	9.9917507E-01	9.9965817E-01		
6.520916E+02	1.0000000E+00	1.5270077E-01	9.9980938E-01	9.9968511E-01
9.9897110E-01	9.9897093E-01	9.9955606E-01		
6.571367E+02	1.0000000E+00	1.7485513E-01	9.9958193E-01	9.9926537E-01
9.9672812E-01	9.9767888E-01	9.9909300E-01		
6.621520E+02	1.0000000E+00	1.7299896E-01	9.9960232E-01	9.9940336E-01
9.9881023E-01	9.9841237E-01	9.9928540E-01		
6.671806E+02	1.0000000E+00	1.6066559E-01	9.9973553E-01	9.9956530E-01
9.9899465E-01	9.9856615E-01	9.9948221E-01		
6.722262E+02	1.0000000E+00	1.4197630E-01	9.9972653E-01	9.9949336E-01
9.9823636E-01	9.9810880E-01	9.9929243E-01		
6.772686E+02	1.0000000E+00	1.3580479E-01	9.9977607E-01	9.9958962E-01
9.9829102E-01	9.9875045E-01	9.9938166E-01		
6.822707E+02	9.9999994E-01	1.6766706E-01	9.9978989E-01	9.9962276E-01
9.9851602E-01	9.9907702E-01	9.9957508E-01		
6.872923E+02	9.9999994E-01	1.2926646E-01	9.9984270E-01	9.9970269E-01
9.9863118E-01	9.9907529E-01	9.9958426E-01		

6.922954E+02	9.9999994E-01	1.5770748E-01	9.9982846E-01	9.9968398E-01
9.9861598E-01	9.9908167E-01	9.9957365E-01		
6.973051E+02	9.9999994E-01	1.4347856E-01	9.9983901E-01	9.9970400E-01
9.9869496E-01	9.9911904E-01	9.9959147E-01		
7.023073E+02	9.9999988E-01	1.3299641E-01	9.9978864E-01	9.9962044E-01
9.9852508E-01	9.9894184E-01	9.9952155E-01		
7.073430E+02	9.9999976E-01	1.5290177E-01	9.9984699E-01	9.9971235E-01
9.9866885E-01	9.9910206E-01	9.9958658E-01		
7.123453E+02	9.9999976E-01	1.1964633E-01	9.9982899E-01	9.9968487E-01
9.9860877E-01	9.9908704E-01	9.9955410E-01		
7.173482E+02	9.9999976E-01	1.2798738E-01	9.9979478E-01	9.9962127E-01
9.9851835E-01	9.9878854E-01	9.9948221E-01		
7.223600E+02	9.9999976E-01	1.4682813E-01	9.9979615E-01	9.9962789E-01
9.9851513E-01	9.9873948E-01	9.9949378E-01		
7.273726E+02	9.9999976E-01	1.1568295E-01	9.9981898E-01	9.9966311E-01
9.9849647E-01	9.9900877E-01	9.9948251E-01		
7.324192E+02	9.9999976E-01	1.3045020E-01	9.9981749E-01	9.9966663E-01
9.9858576E-01	9.9910337E-01	9.9955338E-01		
7.374575E+02	9.9999976E-01	1.3938992E-01	9.9983162E-01	9.9968773E-01
9.9861932E-01	9.9911857E-01	9.9955672E-01		
7.424575E+02	9.9999976E-01	9.9962316E-02	9.9982929E-01	9.9968243E-01
9.9861419E-01	9.9910307E-01	9.9955517E-01		
7.474720E+02	9.9999976E-01	1.1864178E-01	9.9978125E-01	9.9963832E-01
9.9837720E-01	9.9891055E-01	9.9945027E-01		
7.524910E+02	9.9999976E-01	1.3950348E-01	9.9978703E-01	9.9962074E-01
9.9857211E-01	9.9865210E-01	9.9948210E-01		
7.575264E+02	9.9999976E-01	8.7800570E-02	9.9983114E-01	9.9968541E-01
9.9860603E-01	9.9913406E-01	9.9957520E-01		
7.625316E+02	9.9999976E-01	1.3598137E-01	9.9983788E-01	9.9970031E-01
9.9866760E-01	9.9914378E-01	9.9957347E-01		
7.675541E+02	9.9999976E-01	8.3951704E-02	9.9983668E-01	9.9970156E-01
9.9870157E-01	9.9916077E-01	9.9958134E-01		
7.725990E+02	9.9999976E-01	1.1692075E-01	9.9982548E-01	9.9970055E-01
9.9866825E-01	9.9910402E-01	9.9957657E-01		
7.776382E+02	9.9999976E-01	1.1033116E-01	9.9983221E-01	9.9969411E-01
9.9869061E-01	9.9912030E-01	9.9955744E-01		
7.826681E+02	9.9999976E-01	8.4263198E-02	9.9983662E-01	9.9970132E-01
9.9873501E-01	9.9916708E-01	9.9958450E-01		
7.876682E+02	9.9999976E-01	1.1546874E-01	9.9983698E-01	9.9970406E-01
9.9869734E-01	9.9911702E-01	9.9955708E-01		
7.927143E+02	9.9999976E-01	9.9560246E-02	9.9981260E-01	9.9966425E-01
9.9871403E-01	9.9879140E-01	9.9952531E-01		
7.977427E+02	9.9999976E-01	5.2623287E-02	9.9810767E-01	9.9978244E-01
9.9848366E-01	9.9869782E-01	9.9968702E-01		
8.027863E+02	9.9999976E-01	1.1158232E-01	9.9979120E-01	9.9971306E-01
9.9912024E-01	9.9899369E-01	9.9962813E-01		
8.077863E+02	9.9999976E-01	5.8017269E-02	9.9978703E-01	9.9974823E-01
9.9869996E-01	9.9909234E-01	9.9963105E-01		
8.128088E+02	9.9999976E-01	8.7771185E-02	9.9972898E-01	9.9965692E-01
9.9879718E-01	9.9896973E-01	9.9952805E-01		
8.178396E+02	9.9999976E-01	1.1003225E-01	9.9921215E-01	9.9964601E-01
9.9861139E-01	9.9872214E-01	9.9952567E-01		
8.228683E+02	9.9999976E-01	5.7886705E-02	9.9983668E-01	9.9970478E-01
9.9874610E-01	9.9916869E-01	9.9958014E-01		
8.279000E+02	9.9999976E-01	9.6312627E-02	9.9952340E-01	9.9970138E-01
9.9861085E-01	9.9892670E-01	9.9968922E-01		

8.329000E+02	9.9999976E-01	7.6529220E-02	9.9984407E-01	9.9972337E-01
9.9888223E-01	9.9923187E-01	9.9961978E-01		
8.379267E+02	9.9999976E-01	4.8182011E-02	9.9835151E-01	9.9977589E-01
9.9857014E-01	9.9886954E-01	9.9963868E-01		
8.429336E+02	9.9999976E-01	7.5412430E-02	9.8960102E-01	9.9971527E-01
9.9836248E-01	9.9902350E-01	9.9964279E-01		
8.479440E+02	9.9921489E-01	3.1004068E-01	9.5145804E-01	9.9860007E-01
9.9800110E-01	9.9853241E-01	9.9953145E-01		
8.529523E+02	9.9975407E-01	6.2491223E-02	9.8873889E-01	9.9951446E-01
9.9767303E-01	9.9842763E-01	9.9946398E-01		
8.579803E+02	9.9999934E-01	5.9913981E-01	6.6379893E-01	8.9793026E-01
9.8166132E-01	9.8386025E-01	9.9886662E-01		
8.630277E+02	9.9999958E-01	1.3797688E-01	9.8827970E-01	9.9797869E-01
9.9832505E-01	9.9882692E-01	9.9962872E-01		
8.680298E+02	9.9999964E-01	1.0726126E-01	7.8474092E-01	9.9938214E-01
9.9857605E-01	9.9893034E-01	9.9958956E-01		
8.730469E+02	9.9999964E-01	8.7311022E-02	9.9669814E-01	9.9920273E-01
9.9815857E-01	9.9849939E-01	9.9935502E-01		
8.780671E+02	9.9999964E-01	8.2791254E-02	9.9921554E-01	9.9928194E-01
9.9901217E-01	9.9866664E-01	9.9947524E-01		
8.830836E+02	9.9999964E-01	1.2948892E-01	9.1725302E-01	9.9948078E-01
9.9919063E-01	9.9892223E-01	9.9955928E-01		
8.881301E+02	9.9999964E-01	3.0936677E-02	9.9828923E-01	9.9957252E-01
9.9894905E-01	9.9863172E-01	9.9938428E-01		
8.931561E+02	9.9999964E-01	5.5312231E-02	9.7629452E-01	9.9975187E-01
9.9900460E-01	9.9881810E-01	9.9948782E-01		
8.981845E+02	9.9999964E-01	1.2888448E-01	9.9361080E-01	9.9946553E-01
9.9931383E-01	9.9909675E-01	9.9959815E-01		
9.032300E+02	9.9999964E-01	8.8869989E-02	9.4314826E-01	9.9932408E-01
9.9900711E-01	9.9867660E-01	9.9939835E-01		
9.082662E+02	9.9999964E-01	4.2943519E-02	9.3067437E-01	9.9942529E-01
9.9846101E-01	9.9845165E-01	9.9932384E-01		
9.133143E+02	9.9999964E-01	1.0079863E-02	9.9487722E-01	9.9949700E-01
9.9877000E-01	9.9848247E-01	9.9933070E-01		
9.183594E+02	9.9999964E-01	2.7375905E-02	9.9771774E-01	9.9949771E-01
9.9839628E-01	9.9803960E-01	9.9909884E-01		
9.233762E+02	9.9999964E-01	3.1575110E-02	9.9570262E-01	9.9941576E-01
9.9917430E-01	9.9864030E-01	9.9934250E-01		
9.283935E+02	9.9999964E-01	1.0944663E-02	9.9882990E-01	9.9924845E-01
9.9815893E-01	9.9798739E-01	9.9912626E-01		
9.334008E+02	9.9994975E-01	1.5940544E-03	9.9289930E-01	9.9832457E-01
9.9625033E-01	9.9599928E-01	9.9836814E-01		
9.384365E+02	9.7833264E-01	1.0618118E-02	9.9629807E-01	9.9936897E-01
9.9819124E-01	9.9697584E-01	9.9864584E-01		
9.434605E+02	9.7667152E-01	7.8388527E-03	9.0969151E-01	9.9730635E-01
9.9448085E-01	9.9508154E-01	9.9812967E-01		
9.484623E+02	9.9940622E-01	5.2334177E-03	9.9044853E-01	9.9879003E-01
9.9577624E-01	9.9537176E-01	9.9823320E-01		
9.534870E+02	9.9999863E-01	3.3554338E-02	9.9542952E-01	9.9872327E-01
9.9707454E-01	9.9644095E-01	9.9857622E-01		
9.585121E+02	9.9999982E-01	5.2742116E-02	9.8951608E-01	9.9855024E-01
9.9735743E-01	9.9667096E-01	9.9856192E-01		
9.635247E+02	9.9999988E-01	2.7859155E-03	9.4768620E-01	9.9949670E-01
9.9776006E-01	9.9759662E-01	9.9889535E-01		
9.685247E+02	9.9999988E-01	2.5018450E-04	9.7635347E-01	9.9777198E-01
9.9537456E-01	9.9615812E-01	9.9859303E-01		

9.735247E+02	9.9999988E-01	2.1304634E-04	9.5295674E-01	9.9876821E-01
9.9544460E-01	9.9586499E-01	9.9848479E-01		
9.785247E+02	9.9999988E-01	1.8176636E-04	9.5246577E-01	9.9868214E-01
9.9608880E-01	9.9602199E-01	9.9845225E-01		
9.835706E+02	9.9999988E-01	1.5075924E-04	9.3928117E-01	9.9866837E-01
9.9611664E-01	9.9613059E-01	9.9848455E-01		
9.885706E+02	9.9999988E-01	1.2892479E-04	9.3213034E-01	9.9865514E-01
9.9610430E-01	9.9614060E-01	9.9847496E-01		
9.935714E+02	9.9999988E-01	1.0444469E-04	9.2649156E-01	9.9866027E-01
9.9621290E-01	9.9612862E-01	9.9847949E-01		
9.986208E+02	9.9999988E-01	8.8150977E-05	9.1970682E-01	9.9869502E-01
9.9628848E-01	9.9613631E-01	9.9848330E-01		
1.003653E+03	9.9999988E-01	7.3653682E-05	9.1164410E-01	9.9870420E-01
9.9632865E-01	9.9623078E-01	9.9851817E-01		
1.008698E+03	9.9999988E-01	6.2374667E-05	9.0377206E-01	9.9868286E-01
9.9630266E-01	9.9619752E-01	9.9850309E-01		
1.013703E+03	9.9999982E-01	4.8753653E-05	8.9624268E-01	9.9868035E-01
9.9629235E-01	9.9615854E-01	9.9850065E-01		
1.018708E+03	9.9999982E-01	4.1498923E-05	8.8879484E-01	9.9869186E-01
9.9634153E-01	9.9612516E-01	9.9848896E-01		
1.023737E+03	9.9999988E-01	3.6796726E-05	8.8155991E-01	9.9872583E-01
9.9635130E-01	9.9624097E-01	9.9853164E-01		
1.028787E+03	9.9999988E-01	2.8275903E-05	8.7438411E-01	9.9868381E-01
9.9634546E-01	9.9624622E-01	9.9852514E-01		
1.033812E+03	9.9999988E-01	2.3414128E-05	8.6711115E-01	9.9870849E-01
9.9637735E-01	9.9621862E-01	9.9853516E-01		
1.038826E+03	9.9999988E-01	2.2132293E-05	8.5978466E-01	9.9867725E-01
9.9642158E-01	9.9621141E-01	9.9851900E-01		
1.043868E+03	9.9999988E-01	1.5892221E-05	8.5241771E-01	9.9865854E-01
9.9641651E-01	9.9620771E-01	9.9851739E-01		
1.048868E+03	9.9999988E-01	1.3232024E-05	8.4500659E-01	9.9866462E-01
9.9635464E-01	9.9618798E-01	9.9850672E-01		
1.053917E+03	1.0000000E+00	1.1129161E-05	8.3755374E-01	9.9857831E-01
9.9625361E-01	9.9599522E-01	9.9843544E-01		
1.058917E+03	9.9999994E-01	0.0000000E+00	8.2978165E-01	9.9864507E-01
9.9620664E-01	9.9602264E-01	9.9846697E-01		
1.063917E+03	9.9999994E-01	0.0000000E+00	8.2222944E-01	9.9860239E-01
9.9610376E-01	9.9600160E-01	9.9842781E-01		
1.068917E+03	9.9999994E-01	0.0000000E+00	8.1440228E-01	9.9861193E-01
9.9614114E-01	9.9594218E-01	9.9842906E-01		
1.073917E+03	9.9770528E-01	0.0000000E+00	8.0657774E-01	9.9849105E-01
9.9589860E-01	9.9568480E-01	9.9830317E-01		
1.078917E+03	9.9468160E-01	0.0000000E+00	7.9811072E-01	9.9841893E-01
9.9572289E-01	9.9532300E-01	9.9820423E-01		
1.083917E+03	9.9400377E-01	0.0000000E+00	7.8904074E-01	9.9834418E-01
9.9551982E-01	9.9515146E-01	9.9812996E-01		
1.088917E+03	9.9324584E-01	0.0000000E+00	7.7949166E-01	9.9831843E-01
9.9528515E-01	9.9511617E-01	9.9809116E-01		
1.093917E+03	9.9426550E-01	0.0000000E+00	7.6966155E-01	9.9840307E-01
9.9518877E-01	9.9529761E-01	9.9814093E-01		
1.098959E+03	9.9982393E-01	0.0000000E+00	7.6007062E-01	9.9848384E-01
9.9536532E-01	9.9556243E-01	9.9822903E-01		
1.103988E+03	9.9999917E-01	0.0000000E+00	7.5135595E-01	9.9853110E-01
9.9539304E-01	9.9569058E-01	9.9826705E-01		
1.108988E+03	9.9930352E-01	0.0000000E+00	7.4255008E-01	9.9854165E-01
9.9557447E-01	9.9568927E-01	9.9830055E-01		

1.113988E+03	9.9997669E-01	0.0000000E+00	7.3401129E-01	9.9859303E-01
9.9568838E-01	9.9584746E-01	9.9836069E-01		
1.118988E+03	9.9999958E-01	0.0000000E+00	7.2597396E-01	9.9859732E-01
9.9581778E-01	9.9594247E-01	9.9839312E-01		
1.123988E+03	9.9999958E-01	0.0000000E+00	7.1782899E-01	9.9868190E-01
9.9595666E-01	9.9608517E-01	9.9846023E-01		
1.128988E+03	9.9999964E-01	0.0000000E+00	7.1022594E-01	9.9864739E-01
9.9608690E-01	9.9610794E-01	9.9846399E-01		
1.133988E+03	9.9999964E-01	4.1185694E-07	7.0260048E-01	9.9869430E-01
9.9610817E-01	9.9617267E-01	9.9850851E-01		
1.138988E+03	9.9999964E-01	0.0000000E+00	6.9559401E-01	9.9864000E-01
9.9613190E-01	9.9611408E-01	9.9847072E-01		
1.143988E+03	9.9999964E-01	0.0000000E+00	6.8774438E-01	9.9868160E-01
9.9624133E-01	9.9610990E-01	9.9849218E-01		
1.149029E+03	9.9999970E-01	0.0000000E+00	6.8003058E-01	9.9867165E-01
9.9626535E-01	9.9616444E-01	9.9850231E-01		
1.154029E+03	9.9999970E-01	0.0000000E+00	6.7307270E-01	9.9866617E-01
9.9619383E-01	9.9613947E-01	9.9848390E-01		
1.159029E+03	9.9999857E-01	0.0000000E+00	6.6555363E-01	9.9864393E-01
9.9632102E-01	9.9610412E-01	9.9849433E-01		
1.164029E+03	9.9999946E-01	0.0000000E+00	6.5791905E-01	9.9867028E-01
9.9614412E-01	9.9614674E-01	9.9848586E-01		
1.169073E+03	9.9999958E-01	0.0000000E+00	6.5051234E-01	9.9867439E-01
9.9632645E-01	9.9614418E-01	9.9850827E-01		
1.174073E+03	9.9999976E-01	0.0000000E+00	6.4272928E-01	9.9872243E-01
9.9624467E-01	9.9626923E-01	9.9853218E-01		
1.179073E+03	9.9999976E-01	0.0000000E+00	6.3587165E-01	9.9867117E-01
9.9635458E-01	9.9619067E-01	9.9851424E-01		
1.184122E+03	9.9999976E-01	0.0000000E+00	6.2856686E-01	9.9870282E-01
9.9632192E-01	9.9623197E-01	9.9853730E-01		
1.189164E+03	9.9999982E-01	0.0000000E+00	6.2108088E-01	9.9870878E-01
9.9632770E-01	9.9627304E-01	9.9854279E-01		
1.194184E+03	9.9999982E-01	0.0000000E+00	6.1408895E-01	9.9869734E-01
9.9634057E-01	9.9622995E-01	9.9853432E-01		
1.199231E+03	9.9999982E-01	0.0000000E+00	6.0646784E-01	9.9869633E-01
9.9633408E-01	9.9622560E-01	9.9853122E-01		
1.204231E+03	9.9999982E-01	0.0000000E+00	5.9979790E-01	9.9866420E-01
9.9628079E-01	9.9615383E-01	9.9850422E-01		
1.209231E+03	9.9999982E-01	0.0000000E+00	5.9222585E-01	9.9864978E-01
9.9633646E-01	9.9613154E-01	9.9850732E-01		
1.214231E+03	9.9999982E-01	0.0000000E+00	5.8472401E-01	9.9870360E-01
9.9621809E-01	9.9622458E-01	9.9852824E-01		
1.219231E+03	9.9999982E-01	0.0000000E+00	5.7760775E-01	9.9870723E-01
9.9634892E-01	9.9625230E-01	9.9854237E-01		
1.224231E+03	9.9999982E-01	0.0000000E+00	5.7025158E-01	9.9875963E-01
9.9631655E-01	9.9627715E-01	9.9854285E-01		
1.229231E+03	9.9999982E-01	6.1496269E-07	5.6325150E-01	9.9872619E-01
9.9650323E-01	9.9630171E-01	9.9857140E-01		
1.234231E+03	9.9999982E-01	3.2585106E-07	5.5633783E-01	9.9878681E-01
9.9639177E-01	9.9645817E-01	9.9861854E-01		
1.239231E+03	9.9999982E-01	8.0055486E-08	5.4972780E-01	9.9882531E-01
9.9651498E-01	9.9655598E-01	9.9865705E-01		
1.244231E+03	9.9999982E-01	2.4813161E-07	5.4317236E-01	9.9889076E-01
9.9671131E-01	9.9673164E-01	9.9873173E-01		
1.249231E+03	9.9934125E-01	2.5568428E-07	5.3720254E-01	9.9895608E-01
9.9689680E-01	9.9696261E-01	9.9882144E-01		

1.254231E+03	9.9994892E-01	1.0409358E-06	5.3127772E-01	9.9910772E-01
9.9724054E-01	9.9733907E-01	9.9897999E-01		
1.259231E+03	9.9999952E-01	4.1522554E-07	5.2681422E-01	9.9919999E-01
9.9739951E-01	9.9757779E-01	9.9904895E-01		
1.264231E+03	9.9999851E-01	4.6600874E-07	5.2313244E-01	9.9911106E-01
9.9749810E-01	9.9747032E-01	9.9899542E-01		
1.269231E+03	9.9975795E-01	1.1299815E-06	5.1798153E-01	9.9916553E-01
9.9767536E-01	9.9754167E-01	9.9906659E-01		
1.274231E+03	9.9999815E-01	1.4717982E-06	5.1397175E-01	9.9922138E-01
9.9763471E-01	9.9767941E-01	9.9910015E-01		
1.279231E+03	9.9999958E-01	1.1125258E-06	5.1043218E-01	9.9920619E-01
9.9774975E-01	9.9769998E-01	9.9910074E-01		
1.284231E+03	9.9999970E-01	9.2277929E-07	5.0673658E-01	9.9917823E-01
9.9778867E-01	9.9765694E-01	9.9908423E-01		
1.289231E+03	9.9999970E-01	8.6084498E-07	5.0285369E-01	9.9916577E-01
9.9782950E-01	9.9764937E-01	9.9908918E-01		
1.294280E+03	9.9999970E-01	7.9642655E-07	4.9901447E-01	9.9919093E-01
9.9783301E-01	9.9769092E-01	9.9910963E-01		
1.299280E+03	9.9999970E-01	6.0487758E-07	4.9656928E-01	9.9916863E-01
9.9784976E-01	9.9767965E-01	9.9909019E-01		
1.304280E+03	9.9999970E-01	1.1435236E-06	4.9420288E-01	9.9912453E-01
9.9794084E-01	9.9765486E-01	9.9908686E-01		
1.309280E+03	9.9999970E-01	8.0071413E-07	4.8934671E-01	9.9921715E-01
9.9789274E-01	9.9773687E-01	9.9914056E-01		
1.314280E+03	9.9999970E-01	8.4626220E-07	4.8442966E-01	9.9917901E-01
9.9791759E-01	9.9775088E-01	9.9911284E-01		
1.319280E+03	9.9999970E-01	6.6757161E-07	4.7985736E-01	9.9914765E-01
9.9795020E-01	9.9769175E-01	9.9909925E-01		
1.324280E+03	9.9999970E-01	6.5764334E-07	4.7633550E-01	9.9917245E-01
9.9797434E-01	9.9770600E-01	9.9911129E-01		
1.329280E+03	9.9999970E-01	7.3676563E-07	4.7366229E-01	9.9916279E-01
9.9798703E-01	9.9775952E-01	9.9912721E-01		
1.334329E+03	9.9999970E-01	9.0036599E-07	4.6998209E-01	9.9920648E-01
9.9799591E-01	9.9774629E-01	9.9913305E-01		
1.339329E+03	9.9999970E-01	7.3134458E-07	4.6521166E-01	9.9918199E-01
9.9799991E-01	9.9775982E-01	9.9912262E-01		
1.344329E+03	9.9999970E-01	7.0393367E-07	4.6057403E-01	9.9920744E-01
9.9765605E-01	9.9758852E-01	9.9910015E-01		
1.349329E+03	9.9999970E-01	4.5597943E-07	4.5709026E-01	9.9919784E-01
9.9748218E-01	9.9751765E-01	9.9906325E-01		
1.354329E+03	9.9999970E-01	3.8368498E-07	4.5319316E-01	9.9919301E-01
9.9721444E-01	9.9746084E-01	9.9904329E-01		
1.359336E+03	9.9999970E-01	6.5300998E-07	4.4820601E-01	9.9920952E-01
9.9715340E-01	9.9741954E-01	9.9904257E-01		
1.364336E+03	9.9999970E-01	7.4641662E-07	4.4274974E-01	9.9923456E-01
9.9733716E-01	9.9728954E-01	9.9907702E-01		
1.369336E+03	9.9999970E-01	1.1969412E-06	4.3621218E-01	9.9925095E-01
9.9642253E-01	9.9772555E-01	9.9935591E-01		
1.374336E+03	9.9999970E-01	1.4462955E-06	4.2923591E-01	9.9936551E-01
9.9614590E-01	9.9651206E-01	9.9934208E-01		
1.379370E+03	9.9999970E-01	1.4447367E-06	4.2146984E-01	9.9935043E-01
9.9516499E-01	9.9539256E-01	9.9921107E-01		
1.384372E+03	9.9778354E-01	7.9097470E-07	4.1327405E-01	9.9920815E-01
9.9387568E-01	9.9472994E-01	9.9914056E-01		
1.389418E+03	9.7706366E-01	7.2822235E-07	4.0610546E-01	9.9904191E-01
9.9366385E-01	9.9503821E-01	9.9910808E-01		

1.394459E+03	9.7047091E-01	0.0000000E+00	3.9833781E-01	9.9873179E-01
9.9157560E-01	9.9434161E-01	9.9882901E-01		
1.399505E+03	9.7739053E-01	3.4988020E-07	3.8421199E-01	9.9861777E-01
9.9182707E-01	9.9443901E-01	9.9882776E-01		
1.404505E+03	9.7065109E-01	0.0000000E+00	3.6290359E-01	9.9897516E-01
9.9241728E-01	9.9392831E-01	9.9886137E-01		
1.409509E+03	9.7116607E-01	0.0000000E+00	3.4343076E-01	9.9881423E-01
9.9112159E-01	9.9360120E-01	9.9876308E-01		
1.414548E+03	9.7006685E-01	7.9723122E-07	3.2857275E-01	9.9887252E-01
9.9208760E-01	9.9384499E-01	9.9883533E-01		
1.419548E+03	9.7762740E-01	5.3152900E-07	3.1503808E-01	9.9918509E-01
9.9317336E-01	9.9399078E-01	9.9861789E-01		
1.424548E+03	9.7590613E-01	9.2272546E-07	3.0038282E-01	9.9932033E-01
9.9373758E-01	9.9368316E-01	9.9848312E-01		
1.429548E+03	9.7609651E-01	5.3092879E-07	2.8609565E-01	9.9938476E-01
9.9416387E-01	9.9380440E-01	9.9817395E-01		
1.434548E+03	9.7958153E-01	8.6534840E-07	2.7192560E-01	9.9939305E-01
9.9436158E-01	9.9410981E-01	9.9834728E-01		
1.439548E+03	9.7840458E-01	8.6635299E-07	2.5816482E-01	9.9946511E-01
9.9463135E-01	9.9422222E-01	9.9823350E-01		
1.444548E+03	9.8073000E-01	1.0717793E-06	2.4661872E-01	9.9944347E-01
9.9457878E-01	9.9428457E-01	9.9837101E-01		
1.449548E+03	9.9952382E-01	4.0247278E-07	2.3244374E-01	9.9947083E-01
9.9488795E-01	9.9451578E-01	9.9835730E-01		
1.454592E+03	9.9999952E-01	7.8642870E-07	2.2058247E-01	9.9953401E-01
9.9498725E-01	9.9455631E-01	9.9832946E-01		
1.459592E+03	9.9999958E-01	1.1980608E-06	2.0752735E-01	9.9954408E-01
9.9525470E-01	9.9477297E-01	9.9839610E-01		
1.464592E+03	9.9999958E-01	6.3529399E-07	1.9613695E-01	9.9955285E-01
9.9510694E-01	9.9467486E-01	9.9836421E-01		
1.469638E+03	9.9999976E-01	6.6728609E-07	1.8442659E-01	9.9958736E-01
9.9560177E-01	9.9521476E-01	9.9843132E-01		
1.474638E+03	9.9548292E-01	7.1311092E-07	1.7329951E-01	9.9957788E-01
9.9727839E-01	9.9497575E-01	9.9809486E-01		
1.479638E+03	9.9998951E-01	1.0654422E-06	1.6142790E-01	9.9967492E-01
9.9752855E-01	9.9491990E-01	9.9817461E-01		
1.484681E+03	9.9999958E-01	3.3672202E-07	1.4899753E-01	9.9965858E-01
9.9733973E-01	9.9452311E-01	9.9804550E-01		
1.489718E+03	9.9999958E-01	3.3146111E-07	1.3907664E-01	9.9962640E-01
9.9722719E-01	9.9463129E-01	9.9812800E-01		
1.494719E+03	9.9999958E-01	6.4275162E-07	1.2924872E-01	9.9960208E-01
9.9727196E-01	9.9475479E-01	9.9816012E-01		
1.499726E+03	9.9999958E-01	4.6511627E-07	1.1833289E-01	9.9967587E-01
9.9748200E-01	9.9475956E-01	9.9812376E-01		
1.504759E+03	9.9999976E-01	9.9678527E-07	1.0733012E-01	9.9975491E-01
9.9781221E-01	9.9439389E-01	9.9806637E-01		
1.509762E+03	9.9999982E-01	0.0000000E+00	9.4980106E-02	9.9973065E-01
9.9768877E-01	9.9441850E-01	9.9797916E-01		
1.514772E+03	9.9999982E-01	0.0000000E+00	8.5980579E-02	9.9965781E-01
9.9725801E-01	9.9421316E-01	9.9804020E-01		
1.519808E+03	9.9999982E-01	0.0000000E+00	7.5058885E-02	9.9966305E-01
9.9749535E-01	9.9466956E-01	9.9804395E-01		
1.524844E+03	1.0000000E+00	0.0000000E+00	6.6462800E-02	9.9952602E-01
9.9676877E-01	9.9397212E-01	9.9816453E-01		
1.529844E+03	1.0000000E+00	0.0000000E+00	5.1822450E-02	9.9972707E-01
9.9782121E-01	9.9485201E-01	9.9807870E-01		

1.534859E+03	1.0000000E+00	0.0000000E+00	3.8975999E-02	9.9978399E-01
9.9786305E-01	9.9386817E-01	9.9788547E-01		
1.539868E+03	1.0000000E+00	0.0000000E+00	2.8864361E-02	9.9967009E-01
9.9752438E-01	9.9455005E-01	9.9808621E-01		
1.544881E+03	9.9999994E-01	0.0000000E+00	1.9321121E-02	9.9958968E-01
9.9694353E-01	9.9379659E-01	9.9795634E-01		
1.549901E+03	9.9999994E-01	0.0000000E+00	7.1714711E-03	9.9968493E-01
9.9760979E-01	9.9472511E-01	9.9813515E-01		
1.554901E+03	9.9999994E-01	1.6258336E-05	8.4509268E-02	9.4042701E-01
9.9817771E-01	9.9464470E-01	9.9784416E-01		
1.559921E+03	9.9999994E-01	1.0836946E-04	2.1274503E-02	9.8153901E-01
9.9810338E-01	9.9601221E-01	9.9848098E-01		
1.564944E+03	1.0000000E+00	5.1056017E-05	1.2312745E-02	9.7234738E-01
9.9795121E-01	9.9544889E-01	9.9907422E-01		
1.569956E+03	9.8169780E-01	1.2556695E-05	5.4432652E-03	9.6090245E-01
9.9795353E-01	9.9573749E-01	9.9915367E-01		
1.574956E+03	9.6968979E-01	0.0000000E+00	2.5376922E-03	9.5072764E-01
9.9765146E-01	9.9633813E-01	9.9905324E-01		
1.579956E+03	9.7145593E-01	0.0000000E+00	1.3163317E-03	9.4766968E-01
9.9806589E-01	9.9775285E-01	9.9920064E-01		
1.584956E+03	9.6953875E-01	0.0000000E+00	7.5844082E-04	9.4041157E-01
9.9796253E-01	9.9734342E-01	9.9907547E-01		
1.589956E+03	9.7934997E-01	0.0000000E+00	4.8399949E-04	9.3710953E-01
9.9835259E-01	9.9780774E-01	9.9922723E-01		
1.594956E+03	9.8301101E-01	0.0000000E+00	3.1849073E-04	9.3415594E-01
9.9863786E-01	9.9806041E-01	9.9931663E-01		
1.599956E+03	9.9970108E-01	0.0000000E+00	2.1934079E-04	9.2982978E-01
9.9877977E-01	9.9825257E-01	9.9938494E-01		
1.604956E+03	9.9999923E-01	0.0000000E+00	1.5324140E-04	9.2836273E-01
9.9881989E-01	9.9831074E-01	9.9939734E-01		
1.609956E+03	9.9999958E-01	0.0000000E+00	1.0806080E-04	9.2440683E-01
9.9875426E-01	9.9825031E-01	9.9936962E-01		
1.614956E+03	9.9999958E-01	0.0000000E+00	7.0514812E-05	9.2217195E-01
9.9863613E-01	9.9814492E-01	9.9932867E-01		
1.619956E+03	9.9999958E-01	0.0000000E+00	4.7242793E-05	9.1911310E-01
9.9865973E-01	9.9816322E-01	9.9933761E-01		
1.624956E+03	9.9999958E-01	0.0000000E+00	2.8477676E-05	9.1538495E-01
9.9861819E-01	9.9812937E-01	9.9932373E-01		
1.629956E+03	9.9999958E-01	0.0000000E+00	1.8533097E-05	9.1368020E-01
9.9863440E-01	9.9814111E-01	9.9932909E-01		
1.634956E+03	9.9999958E-01	0.0000000E+00	1.0238151E-05	9.0885484E-01
9.9860829E-01	9.9811858E-01	9.9931973E-01		
1.639972E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	9.0764296E-01
9.9862295E-01	9.9814183E-01	9.9932873E-01		
1.644972E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	9.0295208E-01
9.9862784E-01	9.9812937E-01	9.9932462E-01		
1.649982E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	9.0097708E-01
9.9856323E-01	9.9807411E-01	9.9930191E-01		
1.654998E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	8.9732426E-01
9.9862647E-01	9.9813753E-01	9.9932879E-01		
1.660028E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	8.9410472E-01
9.9859339E-01	9.9810767E-01	9.9932104E-01		
1.665028E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	8.9183438E-01
9.9863952E-01	9.9813759E-01	9.9932861E-01		
1.670048E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	8.8755804E-01
9.9859363E-01	9.9810344E-01	9.9931151E-01		

1.675065E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	8.8594913E-01
9.9862772E-01	9.9812466E-01	9.9931735E-01		
1.680108E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	8.8135719E-01
9.9863195E-01	9.9814183E-01	9.9932885E-01		
1.685146E+03	9.9999964E-01	0.0000000E+00	0.0000000E+00	8.7960577E-01
9.9866122E-01	9.9815440E-01	9.9933583E-01		
1.690150E+03	9.9999964E-01	0.0000000E+00	0.0000000E+00	8.7587857E-01
9.9867052E-01	9.9815917E-01	9.9933553E-01		
1.695192E+03	9.9999762E-01	0.0000000E+00	0.0000000E+00	8.7297839E-01
9.9851334E-01	9.9801785E-01	9.9926817E-01		
1.700202E+03	9.9999893E-01	0.0000000E+00	0.0000000E+00	8.7010860E-01
9.9836117E-01	9.9790764E-01	9.9923110E-01		
1.705202E+03	9.9190199E-01	0.0000000E+00	0.0000000E+00	8.6561018E-01
9.9852777E-01	9.9803913E-01	9.9929577E-01		
1.710202E+03	9.9996865E-01	0.0000000E+00	0.0000000E+00	8.6386818E-01
9.9870771E-01	9.9817711E-01	9.9934787E-01		
1.715202E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	8.5952926E-01
9.9861705E-01	9.9810380E-01	9.9931765E-01		
1.720212E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	8.5770583E-01
9.9864918E-01	9.9813277E-01	9.9932480E-01		
1.725225E+03	9.9999958E-01	0.0000000E+00	0.0000000E+00	8.5391980E-01
9.9855953E-01	9.9805063E-01	9.9929142E-01		
1.730267E+03	9.9999881E-01	0.0000000E+00	0.0000000E+00	8.5097486E-01
9.9856818E-01	9.9806327E-01	9.9929017E-01		
1.735300E+03	9.8061794E-01	0.0000000E+00	0.0000000E+00	8.4808832E-01
9.9774992E-01	9.9728751E-01	9.9895918E-01		
1.740300E+03	9.7018474E-01	0.0000000E+00	0.0000000E+00	8.4193945E-01
9.9768162E-01	9.9727714E-01	9.9897218E-01		
1.745300E+03	9.7176230E-01	0.0000000E+00	0.0000000E+00	8.3831161E-01
9.9767232E-01	9.9715561E-01	9.9893939E-01		
1.750300E+03	9.7991598E-01	0.0000000E+00	0.0000000E+00	8.3161479E-01
9.9771059E-01	9.9717695E-01	9.9895310E-01		
1.755300E+03	9.8167568E-01	0.0000000E+00	0.0000000E+00	8.2793605E-01
9.9796003E-01	9.9738896E-01	9.9905342E-01		
1.760300E+03	9.8025101E-01	0.0000000E+00	0.0000000E+00	8.2264507E-01
9.9820018E-01	9.9752039E-01	9.9909949E-01		
1.765300E+03	9.7622466E-01	0.0000000E+00	0.0000000E+00	8.1876111E-01
9.9839294E-01	9.9781716E-01	9.9921793E-01		
1.770300E+03	9.7685540E-01	0.0000000E+00	0.0000000E+00	8.1559002E-01
9.9820095E-01	9.9758834E-01	9.9910694E-01		
1.775300E+03	9.7737819E-01	0.0000000E+00	0.0000000E+00	8.1066090E-01
9.9774754E-01	9.9725205E-01	9.9896353E-01		
1.780300E+03	9.9754071E-01	0.0000000E+00	0.0000000E+00	8.0665004E-01
9.9819934E-01	9.9770910E-01	9.9917769E-01		
1.785300E+03	9.9997634E-01	0.0000000E+00	1.1222796E-06	8.0168808E-01
9.9886280E-01	9.9828607E-01	9.9942106E-01		
1.790312E+03	9.9999964E-01	0.0000000E+00	0.0000000E+00	7.9978341E-01
9.9878657E-01	9.9821651E-01	9.9935544E-01		
1.795348E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.9631805E-01
9.9866742E-01	9.9814469E-01	9.9932748E-01		
1.800348E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.9369980E-01
9.9859864E-01	9.9811494E-01	9.9932379E-01		
1.805392E+03	9.9999970E-01	0.0000000E+00	1.9126895E-07	7.9084367E-01
9.9882656E-01	9.9831086E-01	9.9939513E-01		
1.810392E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.8776383E-01
9.9867225E-01	9.9816054E-01	9.9933475E-01		

1.815392E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.8570086E-01
9.9874806E-01	9.9824744E-01	9.9936992E-01		
1.820392E+03	9.9999970E-01	0.0000000E+00	2.5303166E-07	7.8201079E-01
9.9877363E-01	9.9827260E-01	9.9937898E-01		
1.825392E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.8021455E-01
9.9867320E-01	9.9816054E-01	9.9933273E-01		
1.830440E+03	9.9999970E-01	1.3364874E-08	1.8905274E-07	7.7654368E-01
9.9872786E-01	9.9822813E-01	9.9936295E-01		
1.835440E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.7417612E-01
9.9865758E-01	9.9814445E-01	9.9932694E-01		
1.840440E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.7119738E-01
9.9864072E-01	9.9813908E-01	9.9932700E-01		
1.845440E+03	9.9999970E-01	0.0000000E+00	5.7809515E-08	7.6788241E-01
9.9861944E-01	9.9811471E-01	9.9931651E-01		
1.850440E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.6550233E-01
9.9861813E-01	9.9811393E-01	9.9931562E-01		
1.855440E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.6168984E-01
9.9860042E-01	9.9809206E-01	9.9930573E-01		
1.860440E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.5938952E-01
9.9860251E-01	9.9810243E-01	9.9931234E-01		
1.865440E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.5576472E-01
9.9863702E-01	9.9812162E-01	9.9932247E-01		
1.870459E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.5311303E-01
9.9860227E-01	9.9809062E-01	9.9930674E-01		
1.875459E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.4993438E-01
9.9859864E-01	9.9809361E-01	9.9930841E-01		
1.880459E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.4669671E-01
9.9860084E-01	9.9808890E-01	9.9930567E-01		
1.885502E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.4404949E-01
9.9857658E-01	9.9806815E-01	9.9929762E-01		
1.890502E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.4036825E-01
9.9859238E-01	9.9808145E-01	9.9930507E-01		
1.895548E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.3795170E-01
9.9859720E-01	9.9808669E-01	9.9930626E-01		
1.900587E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.3422831E-01
9.9860996E-01	9.9810380E-01	9.9931490E-01		
1.905594E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.3159772E-01
9.9872297E-01	9.9821347E-01	9.9935830E-01		
1.910599E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.2853506E-01
9.9862027E-01	9.9809450E-01	9.9930596E-01		
1.915604E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.2546071E-01
9.9861002E-01	9.9810058E-01	9.9930930E-01		
1.920619E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.2265297E-01
9.9860287E-01	9.9808341E-01	9.9930292E-01		
1.925623E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.1903306E-01
9.9858528E-01	9.9808162E-01	9.9930555E-01		
1.930635E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.1668971E-01
9.9859053E-01	9.9808389E-01	9.9930364E-01		
1.935664E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.1269131E-01
9.9857450E-01	9.9807072E-01	9.9929816E-01		
1.940709E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.1032715E-01
9.9858224E-01	9.9806488E-01	9.9929500E-01		
1.945709E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.0669490E-01
9.9855143E-01	9.9803835E-01	9.9928576E-01		
1.950755E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.0382661E-01
9.9857813E-01	9.9806613E-01	9.9929750E-01		

1.955762E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	7.0050180E-01
9.9854779E-01	9.9804598E-01	9.9928910E-01		
1.960784E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	6.9718874E-01
9.9859643E-01	9.9808592E-01	9.9930370E-01		
1.965832E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	6.9453633E-01
9.9853384E-01	9.9801856E-01	9.9927729E-01		
1.970878E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	6.9059771E-01
9.9852854E-01	9.9802071E-01	9.9927998E-01		
1.975889E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	6.8818390E-01
9.9853271E-01	9.9801511E-01	9.9927276E-01		
1.980934E+03	9.9999970E-01	0.0000000E+00	0.0000000E+00	6.8422878E-01
9.9854094E-01	9.9801463E-01	9.9926889E-01		
1.985934E+03	9.9999398E-01	0.0000000E+00	0.0000000E+00	6.8179989E-01
9.9802351E-01	9.9741602E-01	9.9897075E-01		
1.990934E+03	9.8846740E-01	0.0000000E+00	0.0000000E+00	6.7557299E-01
9.9721932E-01	9.9694383E-01	9.9884069E-01		
1.995934E+03	9.7674257E-01	0.0000000E+00	0.0000000E+00	6.6983891E-01
9.9807560E-01	9.9737656E-01	9.9906355E-01		
2.000034E+03	9.7959417E-01	0.0000000E+00	0.0000000E+00	6.6683620E-01
9.9819440E-01	9.9751866E-01	9.9910998E-01		

TIME (sec)	ALP992805	ALP992905	ALP993005	ALP993105
ALP993205	ALP993305	ALP993405		
1.000000E-10	1.0000000E+00	1.0000000E+00	1.0000000E+00	1.0000000E+00
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.003469E-01	9.9999958E-01	9.9999893E-01	9.9998939E-01	9.9988133E-01
9.9962950E-01	9.9934721E-01	1.0000000E+00		
2.016405E-01	9.9998927E-01	9.9997991E-01	9.9991804E-01	9.9953324E-01
9.9912447E-01	9.9885792E-01	1.0000000E+00		
3.143499E-01	9.9993908E-01	9.9990577E-01	9.9973756E-01	9.9907005E-01
9.9869221E-01	9.9843585E-01	1.0000000E+00		
4.176774E-01	9.9983650E-01	9.9976957E-01	9.9950010E-01	9.9871927E-01
9.9834448E-01	9.9804211E-01	1.0000000E+00		
5.179474E-01	9.9967694E-01	9.9958676E-01	9.9924606E-01	9.9840736E-01
9.9799973E-01	9.9764800E-01	1.0000000E+00		
6.236274E-01	9.9946308E-01	9.9935865E-01	9.9896777E-01	9.9809527E-01
9.9763584E-01	9.9720544E-01	1.0000000E+00		
7.657229E-01	9.9911839E-01	9.9901217E-01	9.9860209E-01	9.9771714E-01
9.9713087E-01	9.9660879E-01	1.0000000E+00		
8.878756E-01	9.9881625E-01	9.9872094E-01	9.9830502E-01	9.9738199E-01
9.9670118E-01	9.9612218E-01	1.0000000E+00		
9.933645E-01	9.9857402E-01	9.9848050E-01	9.9805725E-01	9.9708658E-01
9.9633837E-01	9.9573004E-01	1.0000000E+00		
1.524044E+00	9.9755281E-01	9.9740666E-01	9.9691033E-01	9.9565750E-01
9.9472976E-01	9.9402809E-01	1.0000000E+00		
2.030162E+00	9.9671042E-01	9.9652874E-01	9.9597120E-01	9.9453461E-01
9.9343753E-01	9.9257886E-01	1.0000000E+00		
2.550346E+00	9.9613744E-01	9.9595439E-01	9.9538982E-01	9.9382734E-01
9.9261177E-01	9.9160558E-01	1.0000000E+00		
3.062366E+00	9.9610245E-01	9.9592048E-01	9.9530298E-01	9.9353117E-01
9.9233902E-01	9.9133813E-01	1.0000000E+00		
3.562366E+00	9.9636710E-01	9.9617738E-01	9.9550194E-01	9.9368471E-01
9.9266636E-01	9.9166375E-01	1.0000000E+00		
4.082775E+00	9.9671930E-01	9.9639750E-01	9.9600369E-01	9.9418515E-01
9.9324858E-01	9.9226153E-01	1.0000000E+00		
4.604100E+00	9.9727350E-01	9.9699652E-01	9.9671817E-01	9.9501359E-01
9.9381697E-01	9.9278820E-01	1.0000000E+00		

5.125216E+00	9.9747759E-01	9.9720997E-01	9.9709570E-01	9.9550426E-01
9.9423498E-01	9.9316341E-01	1.0000000E+00		
5.625216E+00	9.9747312E-01	9.9722826E-01	9.9716079E-01	9.9576092E-01
9.9442768E-01	9.9326396E-01	1.0000000E+00		
6.125216E+00	9.9740523E-01	9.9719250E-01	9.9710202E-01	9.9571013E-01
9.9424583E-01	9.9302512E-01	1.0000000E+00		
6.625216E+00	9.9725533E-01	9.9707317E-01	9.9711126E-01	9.9553907E-01
9.9374104E-01	9.9247664E-01	1.0000000E+00		
7.125216E+00	9.9726886E-01	9.9714863E-01	9.9704021E-01	9.9452972E-01
9.9308652E-01	9.9196053E-01	1.0000000E+00		
7.625216E+00	9.9730629E-01	9.9708122E-01	9.9678761E-01	9.9416691E-01
9.9308813E-01	9.9200541E-01	1.0000000E+00		
8.125216E+00	9.9721140E-01	9.9697733E-01	9.9682438E-01	9.9488652E-01
9.9360281E-01	9.9251592E-01	1.0000000E+00		
8.625216E+00	9.9736625E-01	9.9715912E-01	9.9711776E-01	9.9546129E-01
9.9410987E-01	9.9302053E-01	1.0000000E+00		
9.146049E+00	9.9760997E-01	9.9736452E-01	9.9734086E-01	9.9580777E-01
9.9451584E-01	9.9342960E-01	1.0000000E+00		
9.646049E+00	9.9764156E-01	9.9738884E-01	9.9737328E-01	9.9611104E-01
9.9482781E-01	9.9385810E-01	1.0000000E+00		
1.014605E+01	9.9765205E-01	9.9741828E-01	9.9742252E-01	9.9626839E-01
9.9523062E-01	9.9428940E-01	1.0000000E+00		
1.064605E+01	9.9770677E-01	9.9748623E-01	9.9748719E-01	9.9641317E-01
9.9555117E-01	9.9472213E-01	1.0000000E+00		
1.114605E+01	9.9776483E-01	9.9755692E-01	9.9755758E-01	9.9658304E-01
9.9588698E-01	9.9515784E-01	1.0000000E+00		
1.164605E+01	9.9784213E-01	9.9764889E-01	9.9766678E-01	9.9682146E-01
9.9622202E-01	9.9558502E-01	1.0000000E+00		
1.214605E+01	9.9794596E-01	9.9776852E-01	9.9780738E-01	9.9709511E-01
9.9656558E-01	9.9600607E-01	1.0000000E+00		
1.264605E+01	9.9807549E-01	9.9791902E-01	9.9798125E-01	9.9739248E-01
9.9690211E-01	9.9641579E-01	1.0000000E+00		
1.314605E+01	9.9823409E-01	9.9810010E-01	9.9817681E-01	9.9768603E-01
9.9722707E-01	9.9680376E-01	1.0000000E+00		
1.364605E+01	9.9841207E-01	9.9830103E-01	9.9837554E-01	9.9795169E-01
9.9751079E-01	9.9712980E-01	1.0000000E+00		
1.414605E+01	9.9858910E-01	9.9849582E-01	9.9855262E-01	9.9816406E-01
9.9772584E-01	9.9737591E-01	1.0000000E+00		
1.464605E+01	9.9874592E-01	9.9866360E-01	9.9869514E-01	9.9830323E-01
9.9787641E-01	9.9756420E-01	1.0000000E+00		
1.514605E+01	9.9886781E-01	9.9879235E-01	9.9879831E-01	9.9839932E-01
9.9799687E-01	9.9772155E-01	1.0000000E+00		
1.564605E+01	9.9895459E-01	9.9888480E-01	9.9887574E-01	9.9848551E-01
9.9811721E-01	9.9787045E-01	1.0000000E+00		
1.614605E+01	9.9902439E-01	9.9896014E-01	9.9894476E-01	9.9855816E-01
9.9823779E-01	9.9801773E-01	1.0000000E+00		
1.664605E+01	9.9909002E-01	9.9903011E-01	9.9900913E-01	9.9862659E-01
9.9836129E-01	9.9816048E-01	1.0000000E+00		
1.714605E+01	9.9914587E-01	9.9908739E-01	9.9906659E-01	9.9870771E-01
9.9847686E-01	9.9829280E-01	1.0000000E+00		
1.764605E+01	9.9919713E-01	9.9914545E-01	9.9912477E-01	9.9879032E-01
9.9858052E-01	9.9841172E-01	1.0000000E+00		
1.814605E+01	9.9924827E-01	9.9919999E-01	9.9917895E-01	9.9886674E-01
9.9867165E-01	9.9851584E-01	1.0000000E+00		
1.864605E+01	9.9929482E-01	9.9924874E-01	9.9922770E-01	9.9893236E-01
9.9874812E-01	9.9860483E-01	1.0000000E+00		

1.914605E+01	9.9933439E-01	9.9929106E-01	9.9926853E-01	9.9898791E-01
9.9881285E-01	9.9868035E-01	1.0000000E+00		
1.964605E+01	9.9936694E-01	9.9932355E-01	9.9930060E-01	9.9902707E-01
9.9885672E-01	9.9873024E-01	1.0000000E+00		
2.014605E+01	9.9938774E-01	9.9934375E-01	9.9932027E-01	9.9904788E-01
9.9887955E-01	9.9875623E-01	1.0000000E+00		
2.064605E+01	9.9939680E-01	9.9935222E-01	9.9932843E-01	9.9905372E-01
9.9888402E-01	9.9876195E-01	1.0000000E+00		
2.114605E+01	9.9939644E-01	9.9935108E-01	9.9932671E-01	9.9904603E-01
9.9887145E-01	9.9874943E-01	1.0000000E+00		
2.164605E+01	9.9938923E-01	9.9934274E-01	9.9931723E-01	9.9902779E-01
9.9884558E-01	9.9872231E-01	1.0000000E+00		
2.214605E+01	9.9937737E-01	9.9932921E-01	9.9930191E-01	9.9900001E-01
9.9880695E-01	9.9868381E-01	1.0000000E+00		
2.266648E+01	9.9936503E-01	9.9931574E-01	9.9928206E-01	9.9894190E-01
9.9876684E-01	9.9864769E-01	1.0000000E+00		
2.318409E+01	9.9935412E-01	9.9930000E-01	9.9925363E-01	9.9887383E-01
9.9873459E-01	9.9861550E-01	1.0000000E+00		
2.368409E+01	9.9933147E-01	9.9927664E-01	9.9921894E-01	9.9882007E-01
9.9870223E-01	9.9857819E-01	1.0000000E+00		
2.418409E+01	9.9930531E-01	9.9925727E-01	9.9918389E-01	9.9878293E-01
9.9866629E-01	9.9853605E-01	1.0000000E+00		
2.468420E+01	9.9929285E-01	9.9924809E-01	9.9914914E-01	9.9873936E-01
9.9861234E-01	9.9847269E-01	1.0000000E+00		
2.518866E+01	9.9927741E-01	9.9923229E-01	9.9910283E-01	9.9868584E-01
9.9855125E-01	9.9840564E-01	1.0000000E+00		
2.570592E+01	9.9924713E-01	9.9920368E-01	9.9905467E-01	9.9864179E-01
9.9850070E-01	9.9835205E-01	1.0000000E+00		
2.622136E+01	9.9922538E-01	9.9918300E-01	9.9902225E-01	9.9861956E-01
9.9847543E-01	9.9832761E-01	1.0000000E+00		
2.673972E+01	9.9921232E-01	9.9917489E-01	9.9899691E-01	9.9860829E-01
9.9845636E-01	9.9830538E-01	1.0000000E+00		
2.724740E+01	9.9921232E-01	9.9916869E-01	9.9895471E-01	9.9858797E-01
9.9841905E-01	9.9826169E-01	1.0000000E+00		
2.776852E+01	9.9918950E-01	9.9913633E-01	9.9889904E-01	9.9855381E-01
9.9836552E-01	9.9820191E-01	1.0000000E+00		
2.828743E+01	9.9914783E-01	9.9909151E-01	9.9884582E-01	9.9851352E-01
9.9830824E-01	9.9813956E-01	1.0000000E+00		
2.878743E+01	9.9911052E-01	9.9904782E-01	9.9880248E-01	9.9847037E-01
9.9825436E-01	9.9808210E-01	1.0000000E+00		
2.928743E+01	9.9907583E-01	9.9892628E-01	9.9876851E-01	9.9843162E-01
9.9820966E-01	9.9803489E-01	1.0000000E+00		
2.978743E+01	9.9893802E-01	9.9883276E-01	9.9874961E-01	9.9840081E-01
9.9817407E-01	9.9799699E-01	1.0000000E+00		
3.028743E+01	9.9888468E-01	9.9883997E-01	9.9873930E-01	9.9837410E-01
9.9814290E-01	9.9796355E-01	1.0000000E+00		
3.078743E+01	9.9887490E-01	9.9885339E-01	9.9872720E-01	9.9834746E-01
9.9811268E-01	9.9793088E-01	1.0000000E+00		
3.128743E+01	9.9886429E-01	9.9885207E-01	9.9871087E-01	9.9832106E-01
9.9808204E-01	9.9789745E-01	1.0000000E+00		
3.178743E+01	9.9884802E-01	9.9884129E-01	9.9869263E-01	9.9829453E-01
9.9805033E-01	9.9786252E-01	1.0000000E+00		
3.228743E+01	9.9882984E-01	9.9882621E-01	9.9867308E-01	9.9826747E-01
9.9801809E-01	9.9782681E-01	1.0000000E+00		
3.278743E+01	9.9881256E-01	9.9881065E-01	9.9865431E-01	9.9824208E-01
9.9798697E-01	9.9779105E-01	1.0000000E+00		

3.328743E+01	9.9879742E-01	9.9879593E-01	9.9863702E-01	9.9821800E-01
9.9795675E-01	9.9775618E-01	1.0000000E+00		
3.378743E+01	9.9878424E-01	9.9878293E-01	9.9862176E-01	9.9819577E-01
9.9792898E-01	9.9772447E-01	1.0000000E+00		
3.428743E+01	9.9877346E-01	9.9877214E-01	9.9860954E-01	9.9817950E-01
9.9790931E-01	9.9770278E-01	1.0000000E+00		
3.478743E+01	9.9876666E-01	9.9876583E-01	9.9860430E-01	9.9817568E-01
9.9790406E-01	9.9769664E-01	1.0000000E+00		
3.528743E+01	9.9876761E-01	9.9876648E-01	9.9860692E-01	9.9817771E-01
9.9790221E-01	9.9769264E-01	1.0000000E+00		
3.578743E+01	9.9877363E-01	9.9877042E-01	9.9861085E-01	9.9817520E-01
9.9789494E-01	9.9768233E-01	1.0000000E+00		
3.628743E+01	9.9877959E-01	9.9877298E-01	9.9861157E-01	9.9816519E-01
9.9787986E-01	9.9766266E-01	1.0000000E+00		
3.678743E+01	9.9878222E-01	9.9877083E-01	9.9860549E-01	9.9814427E-01
9.9785244E-01	9.9762911E-01	1.0000000E+00		
3.728743E+01	9.9877703E-01	9.9876046E-01	9.9858874E-01	9.9810725E-01
9.9780411E-01	9.9756980E-01	1.0000000E+00		
3.778743E+01	9.9876052E-01	9.9873823E-01	9.9855608E-01	9.9804765E-01
9.9773240E-01	9.9748755E-01	1.0000000E+00		
3.830806E+01	9.9872708E-01	9.9870086E-01	9.9850923E-01	9.9797964E-01
9.9765342E-01	9.9739844E-01	1.0000000E+00		
3.880806E+01	9.9868679E-01	9.9865937E-01	9.9846172E-01	9.9791789E-01
9.9758154E-01	9.9731797E-01	1.0000000E+00		
3.930806E+01	9.9864632E-01	9.9861920E-01	9.9841768E-01	9.9786311E-01
9.9751753E-01	9.9724627E-01	1.0000000E+00		
3.983299E+01	9.9860901E-01	9.9858290E-01	9.9837810E-01	9.9781334E-01
9.9745840E-01	9.9717939E-01	1.0000000E+00		
4.034888E+01	9.9858046E-01	9.9855387E-01	9.9834591E-01	9.9777102E-01
9.9740952E-01	9.9712569E-01	1.0000000E+00		
4.086869E+01	9.9856180E-01	9.9853426E-01	9.9832702E-01	9.9775708E-01
9.9739754E-01	9.9711174E-01	1.0000000E+00		
4.137451E+01	9.9855918E-01	9.9852842E-01	9.9832141E-01	9.9774450E-01
9.9737602E-01	9.9708205E-01	1.0000000E+00		
4.188536E+01	9.9856251E-01	9.9852389E-01	9.9831223E-01	9.9772072E-01
9.9734819E-01	9.9704802E-01	1.0000000E+00		
4.239460E+01	9.9856395E-01	9.9851263E-01	9.9829835E-01	9.9769562E-01
9.9732035E-01	9.9701339E-01	1.0000000E+00		
4.290141E+01	9.9856526E-01	9.9849313E-01	9.9828225E-01	9.9767023E-01
9.9729145E-01	9.9697775E-01	1.0000000E+00		
4.340367E+01	9.9856770E-01	9.9846768E-01	9.9826550E-01	9.9764609E-01
9.9726266E-01	9.9694300E-01	1.0000000E+00		
4.391029E+01	9.9857163E-01	9.9843514E-01	9.9824876E-01	9.9762267E-01
9.9723262E-01	9.9690723E-01	1.0000000E+00		
4.442013E+01	9.9857283E-01	9.9838227E-01	9.9822980E-01	9.9759746E-01
9.9719989E-01	9.9686944E-01	1.0000000E+00		
4.493227E+01	9.9853808E-01	9.9834251E-01	9.9820840E-01	9.9757338E-01
9.9716949E-01	9.9683499E-01	1.0000000E+00		
4.543827E+01	9.9850237E-01	9.9838233E-01	9.9818671E-01	9.9755317E-01
9.9714381E-01	9.9680603E-01	1.0000000E+00		
4.593893E+01	9.9861085E-01	9.9853992E-01	9.9816096E-01	9.9753666E-01
9.9712259E-01	9.9678236E-01	1.0000000E+00		
4.644418E+01	9.9865258E-01	9.9855667E-01	9.9813765E-01	9.9752587E-01
9.9710655E-01	9.9676389E-01	1.0000000E+00		
4.695213E+01	9.9864084E-01	9.9854285E-01	9.9812245E-01	9.9751747E-01
9.9709189E-01	9.9674571E-01	1.0000000E+00		

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4.797015E+01 9.9856132E-01 9.9845147E-01 9.9820453E-01 9.9748617E-01
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4.847311E+01 9.9854392E-01 9.9841708E-01 9.9825859E-01 9.9746025E-01
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4.898312E+01 9.9850821E-01 9.9838239E-01 9.9827009E-01 9.9744213E-01
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8.943372E+01 9.9868476E-01 9.9867803E-01 9.9851054E-01 9.9805248E-01
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8.995622E+01	9.9870038E-01	9.9868906E-01	9.9852097E-01	9.9805599E-01
9.9776965E-01	9.9755627E-01	1.0000000E+00		
9.045622E+01	9.9870652E-01	9.9869061E-01	9.9851972E-01	9.9804944E-01
9.9776411E-01	9.9755061E-01	1.0000000E+00		
9.096755E+01	9.9870431E-01	9.9868548E-01	9.9851382E-01	9.9804312E-01
9.9775940E-01	9.9754649E-01	1.0000000E+00		
9.146755E+01	9.9869901E-01	9.9867916E-01	9.9850821E-01	9.9803990E-01
9.9775648E-01	9.9754393E-01	1.0000000E+00		
9.196755E+01	9.9869347E-01	9.9867380E-01	9.9850440E-01	9.9803883E-01
9.9775517E-01	9.9754274E-01	1.0000000E+00		
9.248622E+01	9.9868506E-01	9.9866778E-01	9.9850285E-01	9.9804175E-01
9.9775648E-01	9.9754316E-01	1.0000000E+00		
9.299437E+01	9.9868762E-01	9.9867225E-01	9.9850619E-01	9.9804348E-01
9.9775702E-01	9.9754477E-01	1.0000000E+00		
9.350123E+01	9.9868983E-01	9.9867517E-01	9.9850827E-01	9.9804479E-01
9.9775916E-01	9.9754739E-01	1.0000000E+00		
9.401919E+01	9.9869180E-01	9.9867737E-01	9.9850994E-01	9.9804789E-01
9.9776471E-01	9.9755543E-01	1.0000000E+00		
9.453943E+01	9.9869448E-01	9.9867988E-01	9.9851292E-01	9.9805659E-01
9.9777722E-01	9.9757016E-01	1.0000000E+00		
9.504118E+01	9.9869746E-01	9.9868315E-01	9.9851859E-01	9.9806738E-01
9.9778938E-01	9.9758357E-01	1.0000000E+00		
9.554896E+01	9.9870145E-01	9.9868786E-01	9.9852508E-01	9.9807769E-01
9.9780041E-01	9.9759614E-01	1.0000000E+00		
9.604896E+01	9.9870521E-01	9.9869251E-01	9.9853098E-01	9.9808604E-01
9.9781048E-01	9.9760801E-01	1.0000000E+00		
9.654896E+01	9.9870831E-01	9.9869651E-01	9.9853605E-01	9.9809396E-01
9.9781930E-01	9.9761790E-01	1.0000000E+00		
9.706335E+01	9.9871081E-01	9.9870044E-01	9.9854082E-01	9.9810010E-01
9.9782568E-01	9.9762523E-01	1.0000000E+00		
9.758144E+01	9.9871242E-01	9.9870342E-01	9.9854416E-01	9.9810445E-01
9.9782991E-01	9.9762988E-01	1.0000000E+00		
9.808710E+01	9.9871272E-01	9.9870539E-01	9.9854630E-01	9.9810725E-01
9.9783278E-01	9.9763340E-01	1.0000000E+00		
9.859486E+01	9.9871141E-01	9.9870586E-01	9.9854821E-01	9.9811071E-01
9.9783623E-01	9.9763733E-01	1.0000000E+00		
9.910259E+01	9.9870980E-01	9.9870646E-01	9.9855053E-01	9.9811465E-01
9.9783987E-01	9.9764144E-01	1.0000000E+00		
9.960883E+01	9.9871135E-01	9.9871111E-01	9.9855441E-01	9.9811739E-01
9.9784231E-01	9.9764538E-01	1.0000000E+00		
1.050470E+02	9.9865997E-01	9.9866992E-01	9.9850959E-01	9.9807006E-01
9.9778473E-01	9.9758184E-01	1.0000000E+00		
1.100490E+02	9.9862325E-01	9.9863380E-01	9.9846768E-01	9.9803168E-01
9.9774534E-01	9.9754280E-01	1.0000000E+00		
1.150536E+02	9.9864268E-01	9.9865121E-01	9.9848670E-01	9.9805760E-01
9.9777973E-01	9.9758393E-01	1.0000000E+00		
1.200844E+02	9.9869001E-01	9.9869764E-01	9.9853963E-01	9.9812794E-01
9.9786210E-01	9.9767655E-01	1.0000000E+00		
1.251066E+02	9.9871814E-01	9.9872494E-01	9.9857295E-01	9.9817252E-01
9.9791145E-01	9.9773353E-01	1.0000000E+00		
1.301141E+02	9.9878091E-01	9.9875855E-01	9.9860668E-01	9.9822420E-01
9.9797595E-01	9.9780512E-01	1.0000000E+00		
1.351283E+02	9.9880016E-01	9.9877363E-01	9.9861783E-01	9.9823636E-01
9.9799812E-01	9.9783128E-01	1.0000000E+00		
1.401329E+02	9.9881822E-01	9.9878502E-01	9.9862331E-01	9.9824780E-01
9.9801326E-01	9.9784899E-01	1.0000000E+00		

1.451352E+02 9.9883729E-01 9.9880487E-01 9.9864620E-01 9.9827856E-01
9.9805009E-01 9.9789107E-01 1.0000000E+00
1.501399E+02 9.9887383E-01 9.9884284E-01 9.9869084E-01 9.9833828E-01
9.9811953E-01 9.9796993E-01 1.0000000E+00
1.551709E+02 9.9893433E-01 9.9890548E-01 9.9876493E-01 9.9843383E-01
9.9823004E-01 9.9809253E-01 1.0000000E+00
1.602165E+02 9.9898070E-01 9.9895257E-01 9.9881864E-01 9.9850792E-01
9.9832100E-01 9.9819374E-01 1.0000000E+00
1.652350E+02 9.9902260E-01 9.9899507E-01 9.9886668E-01 9.9856937E-01
9.9839306E-01 9.9827272E-01 1.0000000E+00
1.702598E+02 9.9905163E-01 9.9902445E-01 9.9889940E-01 9.9861014E-01
9.9844098E-01 9.9832547E-01 1.0000000E+00
1.752735E+02 9.9910325E-01 9.9907792E-01 9.9895978E-01 9.9868512E-01
9.9852365E-01 9.9841541E-01 1.0000000E+00
1.802951E+02 9.9914187E-01 9.9911672E-01 9.9900627E-01 9.9874365E-01
9.9859375E-01 9.9849284E-01 1.0000000E+00
1.853119E+02 9.9917698E-01 9.9915266E-01 9.9904913E-01 9.9880153E-01
9.9866086E-01 9.9856514E-01 1.0000000E+00
1.903279E+02 9.9921727E-01 9.9919206E-01 9.9909043E-01 9.9885148E-01
9.9872082E-01 9.9863106E-01 1.0000000E+00
1.953564E+02 9.9924070E-01 9.9921608E-01 9.9911767E-01 9.9888623E-01
9.9876034E-01 9.9867409E-01 1.0000000E+00
2.003570E+02 9.9926203E-01 9.9923718E-01 9.9914134E-01 9.9891490E-01
9.9879384E-01 9.9871069E-01 1.0000000E+00
2.053755E+02 9.9927104E-01 9.9924654E-01 9.9915195E-01 9.9892491E-01
9.9880415E-01 9.9872172E-01 1.0000000E+00
2.104183E+02 9.9927562E-01 9.9925184E-01 9.9916041E-01 9.9893963E-01
9.9881977E-01 9.9873769E-01 1.0000000E+00
2.154335E+02 9.9927300E-01 9.9924809E-01 9.9915403E-01 9.9893028E-01
9.9881130E-01 9.9872899E-01 1.0000000E+00
2.204606E+02 9.9928051E-01 9.9925536E-01 9.9916130E-01 9.9893785E-01
9.9881995E-01 9.9873853E-01 1.0000000E+00
2.254792E+02 9.9927890E-01 9.9925441E-01 9.9916124E-01 9.9894041E-01
9.9882245E-01 9.9874133E-01 1.0000000E+00
2.304864E+02 9.9927765E-01 9.9925286E-01 9.9915868E-01 9.9893528E-01
9.9881750E-01 9.9873686E-01 1.0000000E+00
2.354968E+02 9.9927467E-01 9.9925005E-01 9.9915737E-01 9.9893439E-01
9.9881601E-01 9.9873531E-01 1.0000000E+00
2.404991E+02 9.9928689E-01 9.9926275E-01 9.9917114E-01 9.9895245E-01
9.9883676E-01 9.9875838E-01 1.0000000E+00
2.455048E+02 9.9929386E-01 9.9927008E-01 9.9918050E-01 9.9896878E-01
9.9885750E-01 9.9878186E-01 1.0000000E+00
2.505233E+02 9.9929786E-01 9.9927467E-01 9.9918437E-01 9.9897337E-01
9.9886221E-01 9.9878830E-01 1.0000000E+00
2.555298E+02 9.9930626E-01 9.9928337E-01 9.9919546E-01 9.9898928E-01
9.9888217E-01 9.9881071E-01 1.0000000E+00
2.605788E+02 9.9931264E-01 9.9929065E-01 9.9920446E-01 9.9900115E-01
9.9889535E-01 9.9882585E-01 1.0000000E+00
2.656043E+02 9.9932736E-01 9.9930644E-01 9.9922395E-01 9.9902803E-01
9.9892467E-01 9.9885684E-01 1.0000000E+00
2.706539E+02 9.9933904E-01 9.9931848E-01 9.9923456E-01 9.9903899E-01
9.9894172E-01 9.9887919E-01 1.0000000E+00
2.756957E+02 9.9933475E-01 9.9931413E-01 9.9923247E-01 9.9904597E-01
9.9895471E-01 9.9889529E-01 1.0000000E+00
2.807159E+02 9.9934572E-01 9.9932629E-01 9.9924719E-01 9.9906641E-01
9.9897760E-01 9.9892086E-01 1.0000000E+00

2.857581E+02	9.9936175E-01	9.9934345E-01	9.9926597E-01	9.9908817E-01
9.9900097E-01	9.9894601E-01	1.0000000E+00		
2.907736E+02	9.9936450E-01	9.9934471E-01	9.9926519E-01	9.9908507E-01
9.9901462E-01	9.9896479E-01	1.0000000E+00		
2.957799E+02	9.9936575E-01	9.9934793E-01	9.9927199E-01	9.9910164E-01
9.9902648E-01	9.9897736E-01	1.0000000E+00		
3.007857E+02	9.9937469E-01	9.9935788E-01	9.9928421E-01	9.9912000E-01
9.9904478E-01	9.9899691E-01	1.0000000E+00		
3.058138E+02	9.9938321E-01	9.9936604E-01	9.9929428E-01	9.9913555E-01
9.9906576E-01	9.9902111E-01	1.0000000E+00		
3.108138E+02	9.9939084E-01	9.9937123E-01	9.9929416E-01	9.9913132E-01
9.9908084E-01	9.9903619E-01	1.0000000E+00		
3.158304E+02	9.9940366E-01	9.9938780E-01	9.9931872E-01	9.9916947E-01
9.9910933E-01	9.9906760E-01	1.0000000E+00		
3.208480E+02	9.9943656E-01	9.9942082E-01	9.9934936E-01	9.9919456E-01
9.9912906E-01	9.9908566E-01	1.0000000E+00		
3.258746E+02	9.9937981E-01	9.9936658E-01	9.9930614E-01	9.9918759E-01
9.9914312E-01	9.9911022E-01	1.0000000E+00		
3.308900E+02	9.9941939E-01	9.9940324E-01	9.9933803E-01	9.9920839E-01
9.9916631E-01	9.9913275E-01	1.0000000E+00		
3.358961E+02	9.9945998E-01	9.9944043E-01	9.9936485E-01	9.9922848E-01
9.9920225E-01	9.9915814E-01	1.0000000E+00		
3.409074E+02	9.9945229E-01	9.9943298E-01	9.9936295E-01	9.9924707E-01
9.9922323E-01	9.9917459E-01	1.0000000E+00		
3.459233E+02	9.9943429E-01	9.9942112E-01	9.9936253E-01	9.9925327E-01
9.9922115E-01	9.9919307E-01	1.0000000E+00		
3.509260E+02	9.9944872E-01	9.9943572E-01	9.9937940E-01	9.9927050E-01
9.9923408E-01	9.9920785E-01	1.0000000E+00		
3.559283E+02	9.9946421E-01	9.9945235E-01	9.9939990E-01	9.9929273E-01
9.9924725E-01	9.9921757E-01	1.0000000E+00		
3.609366E+02	9.9947536E-01	9.9946386E-01	9.9941236E-01	9.9930233E-01
9.9925166E-01	9.9921930E-01	1.0000000E+00		
3.659482E+02	9.9948066E-01	9.9946851E-01	9.9941772E-01	9.9930388E-01
9.9924958E-01	9.9921441E-01	1.0000000E+00		
3.709486E+02	9.9949265E-01	9.9948221E-01	9.9942732E-01	9.9930316E-01
9.9924242E-01	9.9920726E-01	1.0000000E+00		
3.759580E+02	9.9946904E-01	9.9945748E-01	9.9940073E-01	9.9928021E-01
9.9922943E-01	9.9919659E-01	1.0000000E+00		
3.809612E+02	9.9948704E-01	9.9947244E-01	9.9940735E-01	9.9926877E-01
9.9921495E-01	9.9917603E-01	1.0000000E+00		
3.859788E+02	9.9941146E-01	9.9940151E-01	9.9935049E-01	9.9924535E-01
9.9919432E-01	9.9916124E-01	1.0000000E+00		
3.910090E+02	9.9941266E-01	9.9939954E-01	9.9934560E-01	9.9923384E-01
9.9918634E-01	9.9915296E-01	1.0000000E+00		
3.960181E+02	9.9944752E-01	9.9942970E-01	9.9936056E-01	9.9922514E-01
9.9919093E-01	9.9915504E-01	1.0000000E+00		
4.010229E+02	9.9944466E-01	9.9943209E-01	9.9937057E-01	9.9923968E-01
9.9917990E-01	9.9914408E-01	1.0000000E+00		
4.060714E+02	9.9943018E-01	9.9941909E-01	9.9936855E-01	9.9925584E-01
9.9919695E-01	9.9915862E-01	1.0000000E+00		
4.111179E+02	9.9947369E-01	9.9945855E-01	9.9941188E-01	9.9931234E-01
9.9927461E-01	9.9924475E-01	1.0000000E+00		
4.161518E+02	9.9952507E-01	9.9950951E-01	9.9946034E-01	9.9936414E-01
9.9934363E-01	9.9931669E-01	1.0000000E+00		
4.211620E+02	9.9949503E-01	9.9947786E-01	9.9941576E-01	9.9929231E-01
9.9926281E-01	9.9923360E-01	1.0000000E+00		

4.261913E+02	9.9952328E-01	9.9951053E-01	9.9946010E-01	9.9935752E-01
9.9932534E-01	9.9929965E-01	1.0000000E+00		
4.311930E+02	9.9948764E-01	9.9946982E-01	9.9941033E-01	9.9928552E-01
9.9925047E-01	9.9921334E-01	1.0000000E+00		
4.361968E+02	9.9954194E-01	9.9952877E-01	9.9948651E-01	9.9941045E-01
9.9939668E-01	9.9937385E-01	1.0000000E+00		
4.412443E+02	9.9963802E-01	9.9962503E-01	9.9958968E-01	9.9952400E-01
9.9951619E-01	9.9949616E-01	1.0000000E+00		
4.462449E+02	9.9961293E-01	9.9960065E-01	9.9958175E-01	9.9953717E-01
9.9952227E-01	9.9950045E-01	1.0000000E+00		
4.512502E+02	9.9916315E-01	9.9914539E-01	9.9904209E-01	9.9881017E-01
9.9867702E-01	9.9859309E-01	1.0000000E+00		
4.562851E+02	9.9907023E-01	9.9905270E-01	9.9894530E-01	9.9869591E-01
9.9852318E-01	9.9841654E-01	1.0000000E+00		
4.613121E+02	9.9911445E-01	9.9909335E-01	9.9898791E-01	9.9875152E-01
9.9861705E-01	9.9853182E-01	1.0000000E+00		
4.663397E+02	9.9934566E-01	9.9931741E-01	9.9921983E-01	9.9900597E-01
9.9893880E-01	9.9888670E-01	1.0000000E+00		
4.713776E+02	9.9948102E-01	9.9946964E-01	9.9942476E-01	9.9932998E-01
9.9929321E-01	9.9926847E-01	1.0000000E+00		
4.763856E+02	9.9951905E-01	9.9950683E-01	9.9947029E-01	9.9936950E-01
9.9930894E-01	9.9926794E-01	1.0000000E+00		
4.814128E+02	9.9926782E-01	9.9924451E-01	9.9914742E-01	9.9892604E-01
9.9881613E-01	9.9874055E-01	1.0000000E+00		
4.864223E+02	9.9909395E-01	9.9907368E-01	9.9895948E-01	9.9869215E-01
9.9852210E-01	9.9841475E-01	1.0000000E+00		
4.914722E+02	9.9895233E-01	9.9893004E-01	9.9880749E-01	9.9852896E-01
9.9836403E-01	9.9824697E-01	1.0000000E+00		
4.964919E+02	9.9891984E-01	9.9888641E-01	9.9873680E-01	9.9839538E-01
9.9819696E-01	9.9806839E-01	1.0000000E+00		
5.015259E+02	9.9890763E-01	9.9887812E-01	9.9873096E-01	9.9837774E-01
9.9814153E-01	9.9799109E-01	1.0000000E+00		
5.065450E+02	9.9878496E-01	9.9876165E-01	9.9862427E-01	9.9831283E-01
9.9811798E-01	9.9797708E-01	1.0000000E+00		
5.115457E+02	9.9876750E-01	9.9873275E-01	9.9857980E-01	9.9824119E-01
9.9806309E-01	9.9793327E-01	1.0000000E+00		
5.165457E+02	9.9893045E-01	9.9889398E-01	9.9872905E-01	9.9833941E-01
9.9811083E-01	9.9796432E-01	1.0000000E+00		
5.215463E+02	9.9881870E-01	9.9879670E-01	9.9866307E-01	9.9835098E-01
9.9811971E-01	9.9796867E-01	1.0000000E+00		
5.265685E+02	9.9859840E-01	9.9859416E-01	9.9847662E-01	9.9822807E-01
9.9813360E-01	9.9806988E-01	1.0000000E+00		
5.316183E+02	9.9894762E-01	9.9890667E-01	9.9878019E-01	9.9848115E-01
9.9833465E-01	9.9821335E-01	1.0000000E+00		
5.366320E+02	9.9882025E-01	9.9884051E-01	9.9878514E-01	9.9864560E-01
9.9855781E-01	9.9848896E-01	1.0000000E+00		
5.416345E+02	9.9875987E-01	9.9877733E-01	9.9871832E-01	9.9860829E-01
9.9858803E-01	9.9855375E-01	1.0000000E+00		
5.466345E+02	9.9921107E-01	9.9916291E-01	9.9906439E-01	9.9879652E-01
9.9867707E-01	9.9857938E-01	1.0000000E+00		
5.516580E+02	9.9908197E-01	9.9901277E-01	9.9892199E-01	9.9866831E-01
9.9859649E-01	9.9854207E-01	1.0000000E+00		
5.566583E+02	9.9921948E-01	9.9923688E-01	9.9919742E-01	9.9906337E-01
9.9896711E-01	9.9890620E-01	1.0000000E+00		
5.616711E+02	9.9861544E-01	9.9870747E-01	9.9875164E-01	9.9879640E-01
9.9887377E-01	9.9891102E-01	1.0000000E+00		

5.666711E+02	9.9919444E-01	9.9920142E-01	9.9915075E-01	9.9902713E-01
9.9904066E-01	9.9904889E-01	1.0000000E+00		
5.717148E+02	9.9907702E-01	9.9912143E-01	9.9912381E-01	9.9908984E-01
9.9910474E-01	9.9910557E-01	1.0000000E+00		
5.767209E+02	9.9915308E-01	9.9914610E-01	9.9907672E-01	9.9891949E-01
9.9888003E-01	9.9885327E-01	1.0000000E+00		
5.817575E+02	9.9885541E-01	9.9891973E-01	9.9893761E-01	9.9893814E-01
9.9898428E-01	9.9900347E-01	1.0000000E+00		
5.867994E+02	9.9922436E-01	9.9921191E-01	9.9913478E-01	9.9895972E-01
9.9889368E-01	9.9884450E-01	1.0000000E+00		
5.918351E+02	9.9898982E-01	9.9903190E-01	9.9902278E-01	9.9896801E-01
9.9895841E-01	9.9894607E-01	1.0000000E+00		
5.968547E+02	9.9936187E-01	9.9931902E-01	9.9924552E-01	9.9905199E-01
9.9897593E-01	9.9891484E-01	1.0000000E+00		
6.018547E+02	9.9948776E-01	9.9946392E-01	9.9944210E-01	9.9936646E-01
9.9934459E-01	9.9932677E-01	1.0000000E+00		
6.068926E+02	9.9902171E-01	9.9906868E-01	9.9908048E-01	9.9910748E-01
9.9916685E-01	9.9919683E-01	1.0000000E+00		
6.119015E+02	9.9943304E-01	9.9943894E-01	9.9940717E-01	9.9934268E-01
9.9936032E-01	9.9936777E-01	1.0000000E+00		
6.169453E+02	9.9973840E-01	9.9973524E-01	9.9972779E-01	9.9969733E-01
9.9968225E-01	9.9967200E-01	1.0000000E+00		
6.219643E+02	9.9942040E-01	9.9942780E-01	9.9943274E-01	9.9943763E-01
9.9947613E-01	9.9949485E-01	1.0000000E+00		
6.269753E+02	9.9938416E-01	9.9939531E-01	9.9936771E-01	9.9933064E-01
9.9935967E-01	9.9937332E-01	1.0000000E+00		
6.319825E+02	9.9970847E-01	9.9971312E-01	9.9970227E-01	9.9965501E-01
9.9962062E-01	9.9959707E-01	1.0000000E+00		
6.369911E+02	9.9962097E-01	9.9961656E-01	9.9960649E-01	9.9957389E-01
9.9956602E-01	9.9956167E-01	1.0000000E+00		
6.420153E+02	9.9972582E-01	9.9971026E-01	9.9969780E-01	9.9965024E-01
9.9963957E-01	9.9963313E-01	1.0000000E+00		
6.470455E+02	9.9968618E-01	9.9966979E-01	9.9965882E-01	9.9961191E-01
9.9961227E-01	9.9961233E-01	1.0000000E+00		
6.520916E+02	9.9967921E-01	9.9967045E-01	9.9965966E-01	9.9962509E-01
9.9962622E-01	9.9962711E-01	1.0000000E+00		
6.571367E+02	9.9934185E-01	9.9937868E-01	9.9939746E-01	9.9941063E-01
9.9942333E-01	9.9942851E-01	1.0000000E+00		
6.621520E+02	9.9946058E-01	9.9945414E-01	9.9939853E-01	9.9926573E-01
9.9920160E-01	9.9916035E-01	1.0000000E+00		
6.671806E+02	9.9960852E-01	9.9958634E-01	9.9955332E-01	9.9944371E-01
9.9938136E-01	9.9933374E-01	1.0000000E+00		
6.722262E+02	9.9949491E-01	9.9948257E-01	9.9945515E-01	9.9937952E-01
9.9933696E-01	9.9930477E-01	1.0000000E+00		
6.772686E+02	9.9951375E-01	9.9948412E-01	9.9943227E-01	9.9929237E-01
9.9923533E-01	9.9919128E-01	1.0000000E+00		
6.822707E+02	9.9966395E-01	9.9964058E-01	9.9961764E-01	9.9953252E-01
9.9949652E-01	9.9946767E-01	1.0000000E+00		
6.872923E+02	9.9965781E-01	9.9963164E-01	9.9960512E-01	9.9950767E-01
9.9946851E-01	9.9943662E-01	1.0000000E+00		
6.922954E+02	9.9965572E-01	9.9963123E-01	9.9960697E-01	9.9951762E-01
9.9948055E-01	9.9945080E-01	1.0000000E+00		
6.973051E+02	9.9966311E-01	9.9963599E-01	9.9960244E-01	9.9948311E-01
9.9943227E-01	9.9939197E-01	1.0000000E+00		
7.023073E+02	9.9963999E-01	9.9962032E-01	9.9959928E-01	9.9952471E-01
9.9948859E-01	9.9946111E-01	1.0000000E+00		

7.073430E+02	9.9966383E-01	9.9963838E-01	9.9961168E-01	9.9951524E-01
9.9947691E-01	9.9944544E-01	1.0000000E+00		
7.123453E+02	9.9964416E-01	9.9961901E-01	9.9959093E-01	9.9949354E-01
9.9945259E-01	9.9941999E-01	1.0000000E+00		
7.173482E+02	9.9961251E-01	9.9959213E-01	9.9956703E-01	9.9947876E-01
9.9942857E-01	9.9938732E-01	1.0000000E+00		
7.223600E+02	9.9961185E-01	9.9958825E-01	9.9955553E-01	9.9945384E-01
9.9940944E-01	9.9937493E-01	1.0000000E+00		
7.273726E+02	9.9959677E-01	9.9956942E-01	9.9952978E-01	9.9941027E-01
9.9936002E-01	9.9931878E-01	1.0000000E+00		
7.324192E+02	9.9965215E-01	9.9962753E-01	9.9959815E-01	9.9949998E-01
9.9946100E-01	9.9942917E-01	1.0000000E+00		
7.374575E+02	9.9965161E-01	9.9962652E-01	9.9959725E-01	9.9949819E-01
9.9945939E-01	9.9942726E-01	1.0000000E+00		
7.424575E+02	9.9964768E-01	9.9962300E-01	9.9959403E-01	9.9949569E-01
9.9945480E-01	9.9942195E-01	1.0000000E+00		
7.474720E+02	9.9955392E-01	9.9952197E-01	9.9947113E-01	9.9932009E-01
9.9925911E-01	9.9921119E-01	1.0000000E+00		
7.524910E+02	9.9960476E-01	9.9958169E-01	9.9954718E-01	9.9944508E-01
9.9940163E-01	9.9936807E-01	1.0000000E+00		
7.575264E+02	9.9966490E-01	9.9964106E-01	9.9961281E-01	9.9951690E-01
9.9947828E-01	9.9944711E-01	1.0000000E+00		
7.625316E+02	9.9966145E-01	9.9963665E-01	9.9960935E-01	9.9951476E-01
9.9947804E-01	9.9944723E-01	1.0000000E+00		
7.675541E+02	9.9967009E-01	9.9964637E-01	9.9961990E-01	9.9952906E-01
9.9949330E-01	9.9946386E-01	1.0000000E+00		
7.725990E+02	9.9965602E-01	9.9963009E-01	9.9960381E-01	9.9950969E-01
9.9947375E-01	9.9944335E-01	1.0000000E+00		
7.776382E+02	9.9965447E-01	9.9963039E-01	9.9960124E-01	9.9950600E-01
9.9946833E-01	9.9943757E-01	1.0000000E+00		
7.826681E+02	9.9967414E-01	9.9965119E-01	9.9962604E-01	9.9954003E-01
9.9950719E-01	9.9947941E-01	1.0000000E+00		
7.876682E+02	9.9964970E-01	9.9962455E-01	9.9959606E-01	9.9949986E-01
9.9946195E-01	9.9942988E-01	1.0000000E+00		
7.927143E+02	9.9963480E-01	9.9961263E-01	9.9958158E-01	9.9948639E-01
9.9944675E-01	9.9941570E-01	1.0000000E+00		
7.977427E+02	9.9963963E-01	9.9961084E-01	9.9959141E-01	9.9949956E-01
9.9949181E-01	9.9948841E-01	1.0000000E+00		
8.027863E+02	9.9970847E-01	9.9968904E-01	9.9966097E-01	9.9957681E-01
9.9954379E-01	9.9951774E-01	1.0000000E+00		
8.077863E+02	9.9964195E-01	9.9962276E-01	9.9960190E-01	9.9953109E-01
9.9952918E-01	9.9952447E-01	1.0000000E+00		
8.128088E+02	9.9961162E-01	9.9958622E-01	9.9954969E-01	9.9943787E-01
9.9939227E-01	9.9935651E-01	1.0000000E+00		
8.178396E+02	9.9963045E-01	9.9960476E-01	9.9957830E-01	9.9948984E-01
9.9945450E-01	9.9942607E-01	1.0000000E+00		
8.228683E+02	9.9967456E-01	9.9965215E-01	9.9962270E-01	9.9952942E-01
9.9949169E-01	9.9946195E-01	1.0000000E+00		
8.279000E+02	9.9966758E-01	9.9964231E-01	9.9963057E-01	9.9955076E-01
9.9951863E-01	9.9949008E-01	1.0000000E+00		
8.329000E+02	9.9970168E-01	9.9968034E-01	9.9965626E-01	9.9957520E-01
9.9954444E-01	9.9951863E-01	1.0000000E+00		
8.379267E+02	9.9959636E-01	9.9956435E-01	9.9953073E-01	9.9940103E-01
9.9936175E-01	9.9933290E-01	1.0000000E+00		
8.429336E+02	9.9963486E-01	9.9960381E-01	9.9958485E-01	9.9948901E-01
9.9946630E-01	9.9945307E-01	1.0000000E+00		

8.479440E+02 9.9960279E-01 9.9956661E-01 9.9954748E-01 9.9944568E-01
9.9939644E-01 9.9936312E-01 1.0000000E+00
8.529523E+02 9.9947333E-01 9.9945533E-01 9.9947649E-01 9.9947369E-01
9.9951148E-01 9.9952894E-01 1.0000000E+00
8.579803E+02 9.9960393E-01 9.9961579E-01 9.9967778E-01 9.9962205E-01
9.9957955E-01 9.9956328E-01 1.0000000E+00
8.630277E+02 9.9963260E-01 9.9960327E-01 9.9960071E-01 9.9953669E-01
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8.780671E+02 9.9961215E-01 9.9962306E-01 9.9961787E-01 9.9959224E-01
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8.881301E+02 9.9954718E-01 9.9954790E-01 9.9952829E-01 9.9949110E-01
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9.9902594E-01 9.9904990E-01 1.0000000E+00
9.635247E+02 9.9912792E-01 9.9908477E-01 9.9898446E-01 9.9873531E-01
9.9864340E-01 9.9857920E-01 1.0000000E+00
9.685247E+02 9.9900430E-01 9.9906093E-01 9.9908847E-01 9.9906147E-01
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9.735247E+02 9.9894524E-01 9.9900281E-01 9.9900568E-01 9.9896705E-01
9.9899006E-01 9.9899071E-01 1.0000000E+00
9.785247E+02 9.9893826E-01 9.9899781E-01 9.9900234E-01 9.9896395E-01
9.9898559E-01 9.9898547E-01 1.0000000E+00
9.835706E+02 9.9896222E-01 9.9902117E-01 9.9902731E-01 9.9899215E-01
9.9901217E-01 9.9901152E-01 1.0000000E+00

9.885706E+02	9.9894798E-01	9.9900693E-01	9.9901158E-01	9.9897444E-01
9.9899441E-01	9.9899399E-01	1.0000000E+00		
9.935714E+02	9.9894792E-01	9.9900651E-01	9.9900937E-01	9.9896699E-01
9.9898642E-01	9.9898618E-01	1.0000000E+00		
9.986208E+02	9.9895573E-01	9.9901408E-01	9.9901819E-01	9.9898136E-01
9.9900383E-01	9.9900508E-01	1.0000000E+00		
1.003653E+03	9.9898028E-01	9.9903703E-01	9.9904078E-01	9.9900389E-01
9.9902439E-01	9.9902457E-01	1.0000000E+00		
1.008698E+03	9.9896443E-01	9.9902213E-01	9.9902582E-01	9.9898815E-01
9.9900842E-01	9.9900836E-01	1.0000000E+00		
1.013703E+03	9.9896145E-01	9.9901944E-01	9.9902296E-01	9.9898404E-01
9.9900317E-01	9.9900275E-01	1.0000000E+00		
1.018708E+03	9.9895763E-01	9.9901712E-01	9.9902308E-01	9.9898732E-01
9.9900687E-01	9.9900669E-01	1.0000000E+00		
1.023737E+03	9.9898964E-01	9.9904585E-01	9.9905026E-01	9.9901474E-01
9.9903536E-01	9.9903643E-01	1.0000000E+00		
1.028787E+03	9.9897701E-01	9.9903429E-01	9.9903834E-01	9.9900126E-01
9.9901992E-01	9.9901956E-01	1.0000000E+00		
1.033812E+03	9.9898839E-01	9.9904519E-01	9.9905002E-01	9.9901468E-01
9.9903309E-01	9.9903268E-01	1.0000000E+00		
1.038826E+03	9.9897563E-01	9.9903297E-01	9.9903709E-01	9.9899977E-01
9.9901748E-01	9.9901593E-01	1.0000000E+00		
1.043868E+03	9.9897295E-01	9.9903041E-01	9.9903387E-01	9.9899453E-01
9.9901241E-01	9.9901175E-01	1.0000000E+00		
1.048868E+03	9.9896646E-01	9.9902499E-01	9.9902934E-01	9.9898976E-01
9.9900705E-01	9.9900568E-01	1.0000000E+00		
1.053917E+03	9.9890924E-01	9.9897122E-01	9.9897587E-01	9.9893457E-01
9.9895144E-01	9.9894893E-01	1.0000000E+00		
1.058917E+03	9.9894243E-01	9.9900246E-01	9.9900794E-01	9.9897164E-01
9.9899220E-01	9.9899220E-01	1.0000000E+00		
1.063917E+03	9.9890769E-01	9.9896961E-01	9.9897420E-01	9.9893379E-01
9.9895257E-01	9.9895072E-01	1.0000000E+00		
1.068917E+03	9.9891353E-01	9.9897498E-01	9.9897915E-01	9.9893790E-01
9.9895734E-01	9.9895620E-01	1.0000000E+00		
1.073917E+03	9.9881089E-01	9.9887878E-01	9.9888188E-01	9.9883163E-01
9.9884826E-01	9.9884343E-01	1.0000000E+00		
1.078917E+03	9.9874443E-01	9.9881661E-01	9.9881923E-01	9.9876392E-01
9.9878132E-01	9.9877548E-01	1.0000000E+00		
1.083917E+03	9.9870002E-01	9.9877554E-01	9.9877876E-01	9.9872184E-01
9.9874151E-01	9.9873590E-01	1.0000000E+00		
1.088917E+03	9.9868190E-01	9.9875873E-01	9.9876237E-01	9.9870640E-01
9.9872965E-01	9.9872559E-01	1.0000000E+00		
1.093917E+03	9.9873084E-01	9.9880362E-01	9.9880672E-01	9.9875456E-01
9.9878228E-01	9.9878180E-01	1.0000000E+00		
1.098959E+03	9.9879843E-01	9.9886698E-01	9.9887145E-01	9.9882555E-01
9.9885428E-01	9.9885589E-01	1.0000000E+00		
1.103988E+03	9.9881339E-01	9.9888259E-01	9.9888921E-01	9.9884719E-01
9.9887466E-01	9.9887609E-01	1.0000000E+00		
1.108988E+03	9.9883682E-01	9.9890369E-01	9.9890965E-01	9.9886805E-01
9.9889272E-01	9.9889255E-01	1.0000000E+00		
1.113988E+03	9.9888092E-01	9.9894440E-01	9.9894994E-01	9.9891132E-01
9.9893624E-01	9.9893725E-01	1.0000000E+00		
1.118988E+03	9.9889642E-01	9.9895978E-01	9.9896634E-01	9.9893016E-01
9.9895424E-01	9.9895531E-01	1.0000000E+00		
1.123988E+03	9.9894780E-01	9.9900728E-01	9.9901313E-01	9.9897724E-01
9.9899989E-01	9.9900091E-01	1.0000000E+00		

1.128988E+03 9.9894309E-01 9.9900365E-01 9.9901026E-01 9.9897408E-01
9.9899381E-01 9.9899292E-01 1.0000000E+00
1.133988E+03 9.9897689E-01 9.9903429E-01 9.9903965E-01 9.9900466E-01
9.9902451E-01 9.9902427E-01 1.0000000E+00
1.138988E+03 9.9893981E-01 9.9900019E-01 9.9900585E-01 9.9896950E-01
9.9898881E-01 9.9898779E-01 1.0000000E+00
1.143988E+03 9.9896044E-01 9.9901891E-01 9.9902356E-01 9.9898678E-01
9.9900681E-01 9.9900663E-01 1.0000000E+00
1.149029E+03 9.9896878E-01 9.9902683E-01 9.9903178E-01 9.9899548E-01
9.9901426E-01 9.9901348E-01 1.0000000E+00
1.154029E+03 9.9895096E-01 9.9901044E-01 9.9901491E-01 9.9897557E-01
9.9899435E-01 9.9899346E-01 1.0000000E+00
1.159029E+03 9.9896193E-01 9.9902117E-01 9.9902755E-01 9.9899250E-01
9.9901086E-01 9.9900979E-01 1.0000000E+00
1.164029E+03 9.9895197E-01 9.9901098E-01 9.9901545E-01 9.9897808E-01
9.9899751E-01 9.9899673E-01 1.0000000E+00
1.169073E+03 9.9897361E-01 9.9903160E-01 9.9903744E-01 9.9900371E-01
9.9902380E-01 9.9902415E-01 1.0000000E+00
1.174073E+03 9.9898905E-01 9.9904525E-01 9.9904943E-01 9.9901390E-01
9.9903387E-01 9.9903411E-01 1.0000000E+00
1.179073E+03 9.9897218E-01 9.9903005E-01 9.9903494E-01 9.9899822E-01
9.9901617E-01 9.9901485E-01 1.0000000E+00
1.184122E+03 9.9899328E-01 9.9905014E-01 9.9905604E-01 9.9902236E-01
9.9904066E-01 9.9904001E-01 1.0000000E+00
1.189164E+03 9.9899477E-01 9.9905115E-01 9.9905610E-01 9.9902153E-01
9.9904042E-01 9.9904019E-01 1.0000000E+00
1.194184E+03 9.9898899E-01 9.9904597E-01 9.9905145E-01 9.9901748E-01
9.9903578E-01 9.9903500E-01 1.0000000E+00
1.199231E+03 9.9898642E-01 9.9904335E-01 9.9904811E-01 9.9901271E-01
9.9903101E-01 9.9902993E-01 1.0000000E+00
1.204231E+03 9.9896467E-01 9.9902290E-01 9.9902713E-01 9.9898839E-01
9.9900562E-01 9.9900401E-01 1.0000000E+00
1.209231E+03 9.9896991E-01 9.9902898E-01 9.9903566E-01 9.9900097E-01
9.9901837E-01 9.9901676E-01 1.0000000E+00
1.214231E+03 9.9898618E-01 9.9904317E-01 9.9904829E-01 9.9901426E-01
9.9903375E-01 9.9903357E-01 1.0000000E+00
1.219231E+03 9.9899644E-01 9.9905300E-01 9.9905860E-01 9.9902540E-01
9.9904418E-01 9.9904376E-01 1.0000000E+00
1.224231E+03 9.9899697E-01 9.9905282E-01 9.9905729E-01 9.9902397E-01
9.9904454E-01 9.9904531E-01 1.0000000E+00
1.229231E+03 9.9902099E-01 9.9907655E-01 9.9908298E-01 9.9905115E-01
9.9906856E-01 9.9906784E-01 1.0000000E+00
1.234231E+03 9.9905515E-01 9.9910766E-01 9.9911350E-01 9.9908489E-01
9.9910444E-01 9.9910539E-01 1.0000000E+00
1.239231E+03 9.9908215E-01 9.9913281E-01 9.9913847E-01 9.9911159E-01
9.9913079E-01 9.9913198E-01 1.0000000E+00
1.244231E+03 9.9913573E-01 9.9918240E-01 9.9918765E-01 9.9916381E-01
9.9918246E-01 9.9918419E-01 1.0000000E+00
1.249231E+03 9.9919903E-01 9.9924165E-01 9.9924749E-01 9.9922752E-01
9.9924463E-01 9.9924648E-01 1.0000000E+00
1.254231E+03 9.9931031E-01 9.9934405E-01 9.9934894E-01 9.9933714E-01
9.9935555E-01 9.9935967E-01 1.0000000E+00
1.259231E+03 9.9935055E-01 9.9938023E-01 9.9938208E-01 9.9936914E-01
9.9938744E-01 9.9939197E-01 1.0000000E+00
1.264231E+03 9.9930990E-01 9.9934489E-01 9.9934900E-01 9.9933439E-01
9.9934876E-01 9.9935031E-01 1.0000000E+00

1.269231E+03	9.9936467E-01	9.9939573E-01	9.9940008E-01	9.9938935E-01
9.9940360E-01	9.9940586E-01	1.0000000E+00		
1.274231E+03	9.9938542E-01	9.9941480E-01	9.9941909E-01	9.9941027E-01
9.9942648E-01	9.9943036E-01	1.0000000E+00		
1.279231E+03	9.9938518E-01	9.9941510E-01	9.9941909E-01	9.9940979E-01
9.9942523E-01	9.9942851E-01	1.0000000E+00		
1.284231E+03	9.9937314E-01	9.9940467E-01	9.9940932E-01	9.9939954E-01
9.9941391E-01	9.9941629E-01	1.0000000E+00		
1.289231E+03	9.9937761E-01	9.9940914E-01	9.9941427E-01	9.9940473E-01
9.9941838E-01	9.9942046E-01	1.0000000E+00		
1.294280E+03	9.9939376E-01	9.9942487E-01	9.9943066E-01	9.9942130E-01
9.9943399E-01	9.9943608E-01	1.0000000E+00		
1.299280E+03	9.9937487E-01	9.9940664E-01	9.9941105E-01	9.9940002E-01
9.9941331E-01	9.9941534E-01	1.0000000E+00		
1.304280E+03	9.9937618E-01	9.9940932E-01	9.9941647E-01	9.9940902E-01
9.9942088E-01	9.9942195E-01	1.0000000E+00		
1.309280E+03	9.9941349E-01	9.9944222E-01	9.9944639E-01	9.9943775E-01
9.9945152E-01	9.9945450E-01	1.0000000E+00		
1.314280E+03	9.9939036E-01	9.9942130E-01	9.9942607E-01	9.9941689E-01
9.9943006E-01	9.9943209E-01	1.0000000E+00		
1.319280E+03	9.9938244E-01	9.9941480E-01	9.9942064E-01	9.9941230E-01
9.9942464E-01	9.9942619E-01	1.0000000E+00		
1.324280E+03	9.9939263E-01	9.9942422E-01	9.9943006E-01	9.9942237E-01
9.9943584E-01	9.9943835E-01	1.0000000E+00		
1.329280E+03	9.9940205E-01	9.9943352E-01	9.9943995E-01	9.9943370E-01
9.9944705E-01	9.9944967E-01	1.0000000E+00		
1.334329E+03	9.9940884E-01	9.9943960E-01	9.9944627E-01	9.9944174E-01
9.9945682E-01	9.9946052E-01	1.0000000E+00		
1.339329E+03	9.9940062E-01	9.9943191E-01	9.9943906E-01	9.9943459E-01
9.9944919E-01	9.9945253E-01	1.0000000E+00		
1.344329E+03	9.9939370E-01	9.9942487E-01	9.9943435E-01	9.9943459E-01
9.9945152E-01	9.9945617E-01	1.0000000E+00		
1.349329E+03	9.9937576E-01	9.9940771E-01	9.9942034E-01	9.9942493E-01
9.9944389E-01	9.9944919E-01	1.0000000E+00		
1.354329E+03	9.9936664E-01	9.9939799E-01	9.9941301E-01	9.9942183E-01
9.9944246E-01	9.9944866E-01	1.0000000E+00		
1.359336E+03	9.9936557E-01	9.9939358E-01	9.9941146E-01	9.9942523E-01
9.9944794E-01	9.9945515E-01	1.0000000E+00		
1.364336E+03	9.9935681E-01	9.9938130E-01	9.9940556E-01	9.9942440E-01
9.9944913E-01	9.9945706E-01	1.0000000E+00		
1.369336E+03	9.9936879E-01	9.9938220E-01	9.9941581E-01	9.9943835E-01
9.9946487E-01	9.9947333E-01	1.0000000E+00		
1.374336E+03	9.9933559E-01	9.9933827E-01	9.9937481E-01	9.9939984E-01
9.9943066E-01	9.9944097E-01	1.0000000E+00		
1.379370E+03	9.9929726E-01	9.9928772E-01	9.9933898E-01	9.9937713E-01
9.9940902E-01	9.9942142E-01	1.0000000E+00		
1.384372E+03	9.9917120E-01	9.9919027E-01	9.9924976E-01	9.9930185E-01
9.9933851E-01	9.9935341E-01	1.0000000E+00		
1.389418E+03	9.9911088E-01	9.9915308E-01	9.9920946E-01	9.9925572E-01
9.9928427E-01	9.9929184E-01	1.0000000E+00		
1.394459E+03	9.9880028E-01	9.9889582E-01	9.9896169E-01	9.9899840E-01
9.9901789E-01	9.9901837E-01	1.0000000E+00		
1.399505E+03	9.9882740E-01	9.9890769E-01	9.9896860E-01	9.9900889E-01
9.9902868E-01	9.9902773E-01	1.0000000E+00		
1.404505E+03	9.9894410E-01	9.9898118E-01	9.9903482E-01	9.9907476E-01
9.9910027E-01	9.9910575E-01	1.0000000E+00		

1.409509E+03	9.9875110E-01	9.9883670E-01	9.9889457E-01	9.9892741E-01
9.9894851E-01	9.9894637E-01	1.0000000E+00		
1.414548E+03	9.9887764E-01	9.9893165E-01	9.9898547E-01	9.9902803E-01
9.9905449E-01	9.9905729E-01	1.0000000E+00		
1.419548E+03	9.9906164E-01	9.9905568E-01	9.9911201E-01	9.9915582E-01
9.9918884E-01	9.9919957E-01	1.0000000E+00		
1.424548E+03	9.9914485E-01	9.9909008E-01	9.9916339E-01	9.9921238E-01
9.9924797E-01	9.9925786E-01	1.0000000E+00		
1.429548E+03	9.9920785E-01	9.9911511E-01	9.9919254E-01	9.9923778E-01
9.9927062E-01	9.9928141E-01	1.0000000E+00		
1.434548E+03	9.9925596E-01	9.9917006E-01	9.9924219E-01	9.9928719E-01
9.9932396E-01	9.9933589E-01	1.0000000E+00		
1.439548E+03	9.9930573E-01	9.9921012E-01	9.9927866E-01	9.9932075E-01
9.9935597E-01	9.9936891E-01	1.0000000E+00		
1.444548E+03	9.9931014E-01	9.9922383E-01	9.9929351E-01	9.9933910E-01
9.9937499E-01	9.9938667E-01	1.0000000E+00		
1.449548E+03	9.9935389E-01	9.9926549E-01	9.9933076E-01	9.9937272E-01
9.9940658E-01	9.9941891E-01	1.0000000E+00		
1.454592E+03	9.9938309E-01	9.9929136E-01	9.9934483E-01	9.9938244E-01
9.9941963E-01	9.9943274E-01	1.0000000E+00		
1.459592E+03	9.9939525E-01	9.9931222E-01	9.9935693E-01	9.9938905E-01
9.9942797E-01	9.9943966E-01	1.0000000E+00		
1.464592E+03	9.9940920E-01	9.9933910E-01	9.9937934E-01	9.9941534E-01
9.9945247E-01	9.9946529E-01	1.0000000E+00		
1.469638E+03	9.9944979E-01	9.9945867E-01	9.9942070E-01	9.9942327E-01
9.9946368E-01	9.9947798E-01	1.0000000E+00		
1.474638E+03	9.9936175E-01	9.9941176E-01	9.9946064E-01	9.9940282E-01
9.9945784E-01	9.9947673E-01	1.0000000E+00		
1.479638E+03	9.9938571E-01	9.9943513E-01	9.9951392E-01	9.9944288E-01
9.9949181E-01	9.9950767E-01	1.0000000E+00		
1.484681E+03	9.9934846E-01	9.9939859E-01	9.9946249E-01	9.9939084E-01
9.9944884E-01	9.9946839E-01	1.0000000E+00		
1.489718E+03	9.9938178E-01	9.9942845E-01	9.9949318E-01	9.9942267E-01
9.9947459E-01	9.9949092E-01	1.0000000E+00		
1.494719E+03	9.9937701E-01	9.9941784E-01	9.9946505E-01	9.9939245E-01
9.9945199E-01	9.9947017E-01	1.0000000E+00		
1.499726E+03	9.9937409E-01	9.9942565E-01	9.9952215E-01	9.9945509E-01
9.9950373E-01	9.9951893E-01	1.0000000E+00		
1.504759E+03	9.9936336E-01	9.9942082E-01	9.9952918E-01	9.9945420E-01
9.9950427E-01	9.9951917E-01	1.0000000E+00		
1.509762E+03	9.9931198E-01	9.9937516E-01	9.9950492E-01	9.9943012E-01
9.9948245E-01	9.9949932E-01	1.0000000E+00		
1.514772E+03	9.9937117E-01	9.9942124E-01	9.9948150E-01	9.9941117E-01
9.9947000E-01	9.9948812E-01	1.0000000E+00		
1.519808E+03	9.9935442E-01	9.9940538E-01	9.9947721E-01	9.9940312E-01
9.9946153E-01	9.9947804E-01	1.0000000E+00		
1.524844E+03	9.9940485E-01	9.9942100E-01	9.9943119E-01	9.9937397E-01
9.9943668E-01	9.9945283E-01	1.0000000E+00		
1.529844E+03	9.9935693E-01	9.9941003E-01	9.9951923E-01	9.9944508E-01
9.9949479E-01	9.9950993E-01	1.0000000E+00		
1.534859E+03	9.9931985E-01	9.9938595E-01	9.9949223E-01	9.9941403E-01
9.9947131E-01	9.9948919E-01	1.0000000E+00		
1.539868E+03	9.9938035E-01	9.9942535E-01	9.9948579E-01	9.9941003E-01
9.9946874E-01	9.9948567E-01	1.0000000E+00		
1.544881E+03	9.9936509E-01	9.9939191E-01	9.9941182E-01	9.9935824E-01
9.9942863E-01	9.9945003E-01	1.0000000E+00		

1.549901E+03	9.9939930E-01	9.9944341E-01	9.9951649E-01	9.9944490E-01
9.9949801E-01	9.9951440E-01	1.0000000E+00		
1.554901E+03	9.9931854E-01	9.9937928E-01	9.9950027E-01	9.9944460E-01
9.9948323E-01	9.9950975E-01	1.0000000E+00		
1.559921E+03	9.9947745E-01	9.9948239E-01	9.9948639E-01	9.9941593E-01
9.9947459E-01	9.9949294E-01	1.0000000E+00		
1.564944E+03	9.9945343E-01	9.9945170E-01	9.9939722E-01	9.9932641E-01
9.9940485E-01	9.9942946E-01	1.0000000E+00		
1.569956E+03	9.9933600E-01	9.9926132E-01	9.9926919E-01	9.9933130E-01
9.9938160E-01	9.9939615E-01	1.0000000E+00		
1.574956E+03	9.9924564E-01	9.9926877E-01	9.9931496E-01	9.9935144E-01
9.9938262E-01	9.9939179E-01	1.0000000E+00		
1.579956E+03	9.9924636E-01	9.9929202E-01	9.9933046E-01	9.9935657E-01
9.9938327E-01	9.9939096E-01	1.0000000E+00		
1.584956E+03	9.9936789E-01	9.9940550E-01	9.9941802E-01	9.9942029E-01
9.9943662E-01	9.9944031E-01	1.0000000E+00		
1.589956E+03	9.9947065E-01	9.9949944E-01	9.9950767E-01	9.9950868E-01
9.9951941E-01	9.9952054E-01	1.0000000E+00		
1.594956E+03	9.9952614E-01	9.9954498E-01	9.9954516E-01	9.9954212E-01
9.9955267E-01	9.9955404E-01	1.0000000E+00		
1.599956E+03	9.9957186E-01	9.9958634E-01	9.9958551E-01	9.9958080E-01
9.9959058E-01	9.9959147E-01	1.0000000E+00		
1.604956E+03	9.9957579E-01	9.9958825E-01	9.9958444E-01	9.9957496E-01
9.9958479E-01	9.9958587E-01	1.0000000E+00		
1.609956E+03	9.9955559E-01	9.9957079E-01	9.9956781E-01	9.9956083E-01
9.9957067E-01	9.9957180E-01	1.0000000E+00		
1.614956E+03	9.9952728E-01	9.9954659E-01	9.9954593E-01	9.9954325E-01
9.9955273E-01	9.9955398E-01	1.0000000E+00		
1.619956E+03	9.9953467E-01	9.9955356E-01	9.9955249E-01	9.9954855E-01
9.9955726E-01	9.9955797E-01	1.0000000E+00		
1.624956E+03	9.9952507E-01	9.9954540E-01	9.9954557E-01	9.9954289E-01
9.9955195E-01	9.9955291E-01	1.0000000E+00		
1.629956E+03	9.9952930E-01	9.9954915E-01	9.9954909E-01	9.9954569E-01
9.9955440E-01	9.9955517E-01	1.0000000E+00		
1.634956E+03	9.9952245E-01	9.9954313E-01	9.9954367E-01	9.9954075E-01
9.9954987E-01	9.9955082E-01	1.0000000E+00		
1.639972E+03	9.9952924E-01	9.9954945E-01	9.9954963E-01	9.9954557E-01
9.9955398E-01	9.9955451E-01	1.0000000E+00		
1.644972E+03	9.9952585E-01	9.9954587E-01	9.9954569E-01	9.9954188E-01
9.9955094E-01	9.9955183E-01	1.0000000E+00		
1.649982E+03	9.9951142E-01	9.9953377E-01	9.9953634E-01	9.9953610E-01
9.9954599E-01	9.9954736E-01	1.0000000E+00		
1.654998E+03	9.9952990E-01	9.9955016E-01	9.9955052E-01	9.9954671E-01
9.9955523E-01	9.9955577E-01	1.0000000E+00		
1.660028E+03	9.9952555E-01	9.9954665E-01	9.9954885E-01	9.9954832E-01
9.9955750E-01	9.9955845E-01	1.0000000E+00		
1.665028E+03	9.9952877E-01	9.9954826E-01	9.9954772E-01	9.9954361E-01
9.9955243E-01	9.9955326E-01	1.0000000E+00		
1.670048E+03	9.9951649E-01	9.9953753E-01	9.9953765E-01	9.9953288E-01
9.9954182E-01	9.9954265E-01	1.0000000E+00		
1.675065E+03	9.9952024E-01	9.9954057E-01	9.9953961E-01	9.9953395E-01
9.9954271E-01	9.9954361E-01	1.0000000E+00		
1.680108E+03	9.9953038E-01	9.9955082E-01	9.9955177E-01	9.9954951E-01
9.9955857E-01	9.9955952E-01	1.0000000E+00		
1.685146E+03	9.9953473E-01	9.9955386E-01	9.9955404E-01	9.9955273E-01
9.9956220E-01	9.9956352E-01	1.0000000E+00		

1.690150E+03	9.9953294E-01	9.9955136E-01	9.9954998E-01	9.9954563E-01
9.9955493E-01	9.9955601E-01	1.0000000E+00		
1.695192E+03	9.9948353E-01	9.9950689E-01	9.9950719E-01	9.9950045E-01
9.9951071E-01	9.9951226E-01	1.0000000E+00		
1.700202E+03	9.9946022E-01	9.9948865E-01	9.9949414E-01	9.9948943E-01
9.9949902E-01	9.9949998E-01	1.0000000E+00		
1.705202E+03	9.9951333E-01	9.9953789E-01	9.9954343E-01	9.9954355E-01
9.9955249E-01	9.9955314E-01	1.0000000E+00		
1.710202E+03	9.9954432E-01	9.9956161E-01	9.9956024E-01	9.9955469E-01
9.9956381E-01	9.9956471E-01	1.0000000E+00		
1.715202E+03	9.9952203E-01	9.9954236E-01	9.9954325E-01	9.9954206E-01
9.9955243E-01	9.9955416E-01	1.0000000E+00		
1.720212E+03	9.9952644E-01	9.9954587E-01	9.9954534E-01	9.9954158E-01
9.9955118E-01	9.9955249E-01	1.0000000E+00		
1.725225E+03	9.9950331E-01	9.9952567E-01	9.9952734E-01	9.9952501E-01
9.9953568E-01	9.9953753E-01	1.0000000E+00		
1.730267E+03	9.9950039E-01	9.9952221E-01	9.9952090E-01	9.9951124E-01
9.9951971E-01	9.9952036E-01	1.0000000E+00		
1.735300E+03	9.9924290E-01	9.9928570E-01	9.9929303E-01	9.9928176E-01
9.9930125E-01	9.9930757E-01	1.0000000E+00		
1.740300E+03	9.9926800E-01	9.9931312E-01	9.9932778E-01	9.9932134E-01
9.9933451E-01	9.9933642E-01	1.0000000E+00		
1.745300E+03	9.9925190E-01	9.9930018E-01	9.9931598E-01	9.9931288E-01
9.9933171E-01	9.9933654E-01	1.0000000E+00		
1.750300E+03	9.9926561E-01	9.9931353E-01	9.9933058E-01	9.9933106E-01
9.9935055E-01	9.9935573E-01	1.0000000E+00		
1.755300E+03	9.9934757E-01	9.9938947E-01	9.9940580E-01	9.9940968E-01
9.9942702E-01	9.9943125E-01	1.0000000E+00		
1.760300E+03	9.9937719E-01	9.9941134E-01	9.9941844E-01	9.9941337E-01
9.9943048E-01	9.9943507E-01	1.0000000E+00		
1.765300E+03	9.9946338E-01	9.9949205E-01	9.9949956E-01	9.9949837E-01
9.9951047E-01	9.9951243E-01	1.0000000E+00		
1.770300E+03	9.9937177E-01	9.9940443E-01	9.9940872E-01	9.9940151E-01
9.9941880E-01	9.9942386E-01	1.0000000E+00		
1.775300E+03	9.9926025E-01	9.9930555E-01	9.9931872E-01	9.9931508E-01
9.9933511E-01	9.9934119E-01	1.0000000E+00		
1.780300E+03	9.9944037E-01	9.9947685E-01	9.9949396E-01	9.9950176E-01
9.9951416E-01	9.9951577E-01	1.0000000E+00		
1.785300E+03	9.9960303E-01	9.9961400E-01	9.9961466E-01	9.9960786E-01
9.9961728E-01	9.9961770E-01	1.0000000E+00		
1.790312E+03	9.9954516E-01	9.9955809E-01	9.9955475E-01	9.9954748E-01
9.9956250E-01	9.9956614E-01	1.0000000E+00		
1.795348E+03	9.9952710E-01	9.9954551E-01	9.9954408E-01	9.9953914E-01
9.9954933E-01	9.9955100E-01	1.0000000E+00		
1.800348E+03	9.9953049E-01	9.9955237E-01	9.9955696E-01	9.9955946E-01
9.9956965E-01	9.9957132E-01	1.0000000E+00		
1.805392E+03	9.9957663E-01	9.9959046E-01	9.9958819E-01	9.9958032E-01
9.9958920E-01	9.9959004E-01	1.0000000E+00		
1.810392E+03	9.9953276E-01	9.9955136E-01	9.9955159E-01	9.9955046E-01
9.9956143E-01	9.9956369E-01	1.0000000E+00		
1.815392E+03	9.9955922E-01	9.9957597E-01	9.9957526E-01	9.9957114E-01
9.9958009E-01	9.9958110E-01	1.0000000E+00		
1.820392E+03	9.9956435E-01	9.9957979E-01	9.9957812E-01	9.9957222E-01
9.9958146E-01	9.9958259E-01	1.0000000E+00		
1.825392E+03	9.9953097E-01	9.9954969E-01	9.9954933E-01	9.9954695E-01
9.9955744E-01	9.9955946E-01	1.0000000E+00		

1.830440E+03	9.9955434E-01	9.9957180E-01	9.9957138E-01	9.9956799E-01
9.9957687E-01	9.9957782E-01	1.0000000E+00		
1.835440E+03	9.9952680E-01	9.9954593E-01	9.9954545E-01	9.9954295E-01
9.9955338E-01	9.9955529E-01	1.0000000E+00		
1.840440E+03	9.9952883E-01	9.9954891E-01	9.9954969E-01	9.9954695E-01
9.9955642E-01	9.9955779E-01	1.0000000E+00		
1.845440E+03	9.9952114E-01	9.9954194E-01	9.9954307E-01	9.9954009E-01
9.9954975E-01	9.9955118E-01	1.0000000E+00		
1.850440E+03	9.9952084E-01	9.9954176E-01	9.9954277E-01	9.9953949E-01
9.9954909E-01	9.9955046E-01	1.0000000E+00		
1.855440E+03	9.9951339E-01	9.9953485E-01	9.9953586E-01	9.9953234E-01
9.9954230E-01	9.9954379E-01	1.0000000E+00		
1.860440E+03	9.9951965E-01	9.9954122E-01	9.9954325E-01	9.9954110E-01
9.9955082E-01	9.9955231E-01	1.0000000E+00		
1.865440E+03	9.9952620E-01	9.9954659E-01	9.9954766E-01	9.9954492E-01
9.9955440E-01	9.9955571E-01	1.0000000E+00		
1.870459E+03	9.9951416E-01	9.9953538E-01	9.9953640E-01	9.9953330E-01
9.9954343E-01	9.9954510E-01	1.0000000E+00		
1.875459E+03	9.9951637E-01	9.9953789E-01	9.9953949E-01	9.9953675E-01
9.9954665E-01	9.9954814E-01	1.0000000E+00		
1.880459E+03	9.9951380E-01	9.9953526E-01	9.9953634E-01	9.9953264E-01
9.9954265E-01	9.9954426E-01	1.0000000E+00		
1.885502E+03	9.9950898E-01	9.9953139E-01	9.9953359E-01	9.9953061E-01
9.9954057E-01	9.9954218E-01	1.0000000E+00		
1.890502E+03	9.9951458E-01	9.9953645E-01	9.9953866E-01	9.9953663E-01
9.9954677E-01	9.9954838E-01	1.0000000E+00		
1.895548E+03	9.9951482E-01	9.9953634E-01	9.9953789E-01	9.9953508E-01
9.9954504E-01	9.9954659E-01	1.0000000E+00		
1.900587E+03	9.9952167E-01	9.9954295E-01	9.9954480E-01	9.9954289E-01
9.9955267E-01	9.9955422E-01	1.0000000E+00		
1.905594E+03	9.9955177E-01	9.9956930E-01	9.9956858E-01	9.9956381E-01
9.9957228E-01	9.9957317E-01	1.0000000E+00		
1.910599E+03	9.9951178E-01	9.9953216E-01	9.9953198E-01	9.9952883E-01
9.9953991E-01	9.9954212E-01	1.0000000E+00		
1.915604E+03	9.9951661E-01	9.9953794E-01	9.9953932E-01	9.9953669E-01
9.9954665E-01	9.9954814E-01	1.0000000E+00		
1.920619E+03	9.9951148E-01	9.9953282E-01	9.9953383E-01	9.9953085E-01
9.9954134E-01	9.9954319E-01	1.0000000E+00		
1.925623E+03	9.9951553E-01	9.9953777E-01	9.9954051E-01	9.9953896E-01
9.9954873E-01	9.9955004E-01	1.0000000E+00		
1.930635E+03	9.9951237E-01	9.9953401E-01	9.9953520E-01	9.9953121E-01
9.9954110E-01	9.9954253E-01	1.0000000E+00		
1.935664E+03	9.9950933E-01	9.9953181E-01	9.9953413E-01	9.9953175E-01
9.9954200E-01	9.9954367E-01	1.0000000E+00		
1.940709E+03	9.9950665E-01	9.9952877E-01	9.9953043E-01	9.9952745E-01
9.9953794E-01	9.9953979E-01	1.0000000E+00		
1.945709E+03	9.9950069E-01	9.9952376E-01	9.9952614E-01	9.9952269E-01
9.9953282E-01	9.9953443E-01	1.0000000E+00		
1.950755E+03	9.9950927E-01	9.9953163E-01	9.9953371E-01	9.9953043E-01
9.9954021E-01	9.9954158E-01	1.0000000E+00		
1.955762E+03	9.9950331E-01	9.9952650E-01	9.9952930E-01	9.9952668E-01
9.9953693E-01	9.9953860E-01	1.0000000E+00		
1.960784E+03	9.9951261E-01	9.9953425E-01	9.9953508E-01	9.9953049E-01
9.9954027E-01	9.9954170E-01	1.0000000E+00		
1.965832E+03	9.9949491E-01	9.9951869E-01	9.9952167E-01	9.9951953E-01
9.9953061E-01	9.9953282E-01	1.0000000E+00		

1.970878E+03 9.9949753E-01 9.9952143E-01 9.9952495E-01 9.9952334E-01
9.9953407E-01 9.9953610E-01 1.0000000E+00
1.975889E+03 9.9949074E-01 9.9951452E-01 9.9951690E-01 9.9951363E-01
9.9952453E-01 9.9952656E-01 1.0000000E+00
1.980934E+03 9.9948663E-01 9.9950993E-01 9.9951023E-01 9.9950236E-01
9.9951231E-01 9.9951380E-01 1.0000000E+00
1.985934E+03 9.9924368E-01 9.9927980E-01 9.9927092E-01 9.9923384E-01
9.9925119E-01 9.9925703E-01 1.0000000E+00
1.990934E+03 9.9916589E-01 9.9921101E-01 9.9922979E-01 9.9922293E-01
9.9922746E-01 9.9922299E-01 1.0000000E+00
1.995934E+03 9.9936944E-01 9.9940908E-01 9.9942410E-01 9.9942625E-01
9.9944276E-01 9.9944645E-01 1.0000000E+00
2.000034E+03 9.9938726E-01 9.9942094E-01 9.9942899E-01 9.9942613E-01
9.9944305E-01 9.9944764E-01 1.0000000E+00

TIME (sec)	ALP993505	ALP992206	ALP992306	ALP992406
ALP992506	ALP992606	ALP992706		
1.000000E-10	9.9999899E-01	9.9982798E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.003469E-01	9.9999899E-01	9.9982798E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	9.9999905E-01	9.9999231E-01		
2.016405E-01	9.9999899E-01	9.9982798E-01	1.0000000E+00	1.0000000E+00
9.9999917E-01	9.9999434E-01	9.9998564E-01		
3.143499E-01	9.9999887E-01	9.9982798E-01	1.0000000E+00	9.9999988E-01
9.9999541E-01	9.9998826E-01	9.9998426E-01		
4.176774E-01	9.9999839E-01	9.9982798E-01	1.0000000E+00	9.9999917E-01
9.9999017E-01	9.9998468E-01	9.9998522E-01		
5.179474E-01	9.9999750E-01	9.9982798E-01	9.9999976E-01	9.9999809E-01
9.9998629E-01	9.9998242E-01	9.9998540E-01		
6.236274E-01	9.9999613E-01	9.9982798E-01	9.9999934E-01	9.9999660E-01
9.9998313E-01	9.9997962E-01	9.9998200E-01		
7.657229E-01	9.9999332E-01	9.9982774E-01	9.9999857E-01	9.9999386E-01
9.9997622E-01	9.9996895E-01	9.9996650E-01		
8.878756E-01	9.9999005E-01	9.9982727E-01	9.9999744E-01	9.9999034E-01
9.9996382E-01	9.9994791E-01	9.9994010E-01		
9.933645E-01	9.9998665E-01	9.9982655E-01	9.9999607E-01	9.9998564E-01
9.9994594E-01	9.9991798E-01	9.9990636E-01		
1.524044E+00	9.9996203E-01	9.9981260E-01	9.9997473E-01	9.9991018E-01
9.9965352E-01	9.9951249E-01	9.9953169E-01		
2.030162E+00	9.9992907E-01	9.9975246E-01	9.9989551E-01	9.9966657E-01
9.9855739E-01	9.9850553E-01	9.9879456E-01		
2.550346E+00	9.9988979E-01	9.9955332E-01	9.9966848E-01	9.9911630E-01
9.9561363E-01	9.9636996E-01	9.9773216E-01		
3.062366E+00	9.9985301E-01	9.9896717E-01	9.9921376E-01	9.9843657E-01
9.8889685E-01	9.9272472E-01	9.9635184E-01		
3.562366E+00	9.9982572E-01	9.9772274E-01	9.9868387E-01	9.9722582E-01
9.7880030E-01	9.8827690E-01	9.9452507E-01		
4.082775E+00	9.9981111E-01	9.9543709E-01	9.9772918E-01	9.9466270E-01
9.7198343E-01	9.8482198E-01	9.9151349E-01		
4.604100E+00	9.9980164E-01	9.9162567E-01	9.9581194E-01	9.9086642E-01
9.7035563E-01	9.7938502E-01	9.9099892E-01		
5.125216E+00	9.9979597E-01	9.8589462E-01	9.9317104E-01	9.8580939E-01
9.7651845E-01	9.7885752E-01	9.9180603E-01		
5.625216E+00	9.9979335E-01	9.7802651E-01	9.8900384E-01	9.8439604E-01
9.8456436E-01	9.8074269E-01	9.9279827E-01		
6.125216E+00	9.9979216E-01	9.6884304E-01	9.8555219E-01	9.8668456E-01
9.8955148E-01	9.8377585E-01	9.9377155E-01		

6.625216E+00	9.9979198E-01	9.6113282E-01	9.8565477E-01	9.9008352E-01
9.9211180E-01	9.8631316E-01	9.9431914E-01		
7.125216E+00	9.9979204E-01	9.5673299E-01	9.8806775E-01	9.9266809E-01
9.9331611E-01	9.8768580E-01	9.9451596E-01		
7.625216E+00	9.9979311E-01	9.5530385E-01	9.9047875E-01	9.9403262E-01
9.9364007E-01	9.8781842E-01	9.9427938E-01		
8.125216E+00	9.9979311E-01	9.5530289E-01	9.9185163E-01	9.9444562E-01
9.9327570E-01	9.8688430E-01	9.9370974E-01		
8.625216E+00	9.9979419E-01	9.5526075E-01	9.9225116E-01	9.9423856E-01
9.9259621E-01	9.8569238E-01	9.9337387E-01		
9.146049E+00	9.9979663E-01	9.5455104E-01	9.9205399E-01	9.9388307E-01
9.9226373E-01	9.8537570E-01	9.9365044E-01		
9.646049E+00	9.9979997E-01	9.5329648E-01	9.9182928E-01	9.9389410E-01
9.9248785E-01	9.8601496E-01	9.9409050E-01		
1.014605E+01	9.9980313E-01	9.5190609E-01	9.9190420E-01	9.9409986E-01
9.9290246E-01	9.8687464E-01	9.9442774E-01		
1.064605E+01	9.9980551E-01	9.5064521E-01	9.9217993E-01	9.9441332E-01
9.9337816E-01	9.8778552E-01	9.9479902E-01		
1.114605E+01	9.9980789E-01	9.4952571E-01	9.9258739E-01	9.9479836E-01
9.9387550E-01	9.8869807E-01	9.9515408E-01		
1.164605E+01	9.9981028E-01	9.4839931E-01	9.9307185E-01	9.9519271E-01
9.9430114E-01	9.8946643E-01	9.9544984E-01		
1.214605E+01	9.9981278E-01	9.4695324E-01	9.9356157E-01	9.9554044E-01
9.9464369E-01	9.9010837E-01	9.9573869E-01		
1.264605E+01	9.9981636E-01	9.4465202E-01	9.9401301E-01	9.9583679E-01
9.9493796E-01	9.9069244E-01	9.9603808E-01		
1.314605E+01	9.9981993E-01	9.4066143E-01	9.9442089E-01	9.9609524E-01
9.9520761E-01	9.9126297E-01	9.9635351E-01		
1.364605E+01	9.9982327E-01	9.3431824E-01	9.9479574E-01	9.9633199E-01
9.9547559E-01	9.9186635E-01	9.9668831E-01		
1.414605E+01	9.9982566E-01	9.2641163E-01	9.9515331E-01	9.9656039E-01
9.9575984E-01	9.9252886E-01	9.9703145E-01		
1.464605E+01	9.9982804E-01	9.1955155E-01	9.9550635E-01	9.9678791E-01
9.9606138E-01	9.9323195E-01	9.9735576E-01		
1.514605E+01	9.9983042E-01	9.1604590E-01	9.9585837E-01	9.9700463E-01
9.9625945E-01	9.9392492E-01	9.9763745E-01		
1.564605E+01	9.9983203E-01	9.1625959E-01	9.9618572E-01	9.9719304E-01
9.9649239E-01	9.9453533E-01	9.9785453E-01		
1.614605E+01	9.9983323E-01	9.1762328E-01	9.9648786E-01	9.9737328E-01
9.9672091E-01	9.9502689E-01	9.9801743E-01		
1.664605E+01	9.9983442E-01	9.1777140E-01	9.9676943E-01	9.9753678E-01
9.9691343E-01	9.9541855E-01	9.9814796E-01		
1.714605E+01	9.9983561E-01	9.1616440E-01	9.9702644E-01	9.9767435E-01
9.9707556E-01	9.9576890E-01	9.9824870E-01		
1.764605E+01	9.9983680E-01	9.1397321E-01	9.9725640E-01	9.9779582E-01
9.9722373E-01	9.9602783E-01	9.9833703E-01		
1.814605E+01	9.9983811E-01	9.1318387E-01	9.9745655E-01	9.9789822E-01
9.9735063E-01	9.9625164E-01	9.9842471E-01		
1.864605E+01	9.9984050E-01	9.1479063E-01	9.9762923E-01	9.9798936E-01
9.9747276E-01	9.9646163E-01	9.9851060E-01		
1.914605E+01	9.9984288E-01	9.1781431E-01	9.9778342E-01	9.9807650E-01
9.9759459E-01	9.9665916E-01	9.9859184E-01		
1.964605E+01	9.9984527E-01	9.2051381E-01	9.9792504E-01	9.9816132E-01
9.9770957E-01	9.9683887E-01	9.9866253E-01		
2.014605E+01	9.9984765E-01	9.2178309E-01	9.9805892E-01	9.9824268E-01
9.9781168E-01	9.9698734E-01	9.9871641E-01		

2.064605E+01	9.9985003E-01	9.2137510E-01	9.9818522E-01	9.9831390E-01
9.9789101E-01	9.9710053E-01	9.9875230E-01		
2.114605E+01	9.9985242E-01	9.1958833E-01	9.9829865E-01	9.9837041E-01
9.9794966E-01	9.9717635E-01	9.9877262E-01		
2.164605E+01	9.9985480E-01	9.1690463E-01	9.9839598E-01	9.9841309E-01
9.9798745E-01	9.9720824E-01	9.9877757E-01		
2.214605E+01	9.9985772E-01	9.1375750E-01	9.9847484E-01	9.9843931E-01
9.9799758E-01	9.9720132E-01	9.9877024E-01		
2.266648E+01	9.9986124E-01	9.1047043E-01	9.9853361E-01	9.9844790E-01
9.9798602E-01	9.9717474E-01	9.9876410E-01		
2.318409E+01	9.9986458E-01	9.0775037E-01	9.9856925E-01	9.9844241E-01
9.9796903E-01	9.9715269E-01	9.9876171E-01		
2.368409E+01	9.9986696E-01	9.0593070E-01	9.9858755E-01	9.9843186E-01
9.9795920E-01	9.9714512E-01	9.9876946E-01		
2.418409E+01	9.9986935E-01	9.0478456E-01	9.9859565E-01	9.9842411E-01
9.9796486E-01	9.9716043E-01	9.9878323E-01		
2.468420E+01	9.9987185E-01	9.0390891E-01	9.9860001E-01	9.9842203E-01
9.9797136E-01	9.9716491E-01	9.9877036E-01		
2.518866E+01	9.9987453E-01	9.0306759E-01	9.9860162E-01	9.9841356E-01
9.9793923E-01	9.9710786E-01	9.9872851E-01		
2.570592E+01	9.9987727E-01	9.0260029E-01	9.9859351E-01	9.9838692E-01
9.9786878E-01	9.9699187E-01	9.9868131E-01		
2.622136E+01	9.9987876E-01	9.0327275E-01	9.9857062E-01	9.9833679E-01
9.9776703E-01	9.9687415E-01	9.9863911E-01		
2.673972E+01	9.9988121E-01	9.0531301E-01	9.9852979E-01	9.9826968E-01
9.9767846E-01	9.9676186E-01	9.9860233E-01		
2.724740E+01	9.9988353E-01	9.0779012E-01	9.9847800E-01	9.9820191E-01
9.9760717E-01	9.9667805E-01	9.9858189E-01		
2.776852E+01	9.9988604E-01	9.1000342E-01	9.9842203E-01	9.9814355E-01
9.9757636E-01	9.9662548E-01	9.9858451E-01		
2.828743E+01	9.9988788E-01	9.1117191E-01	9.9838209E-01	9.9813092E-01
9.9760926E-01	9.9649477E-01	9.9858332E-01		
2.878743E+01	9.9988985E-01	9.1110241E-01	9.9836373E-01	9.9811953E-01
9.9754834E-01	9.9638981E-01	9.9856216E-01		
2.928743E+01	9.9989104E-01	9.0981770E-01	9.9834532E-01	9.9809355E-01
9.9748510E-01	9.9626780E-01	9.9849832E-01		
2.978743E+01	9.9989223E-01	9.0740305E-01	9.9832106E-01	9.9805462E-01
9.9736500E-01	9.9608952E-01	9.9841297E-01		
3.028743E+01	9.9989343E-01	9.0426391E-01	9.9828213E-01	9.9798918E-01
9.9725342E-01	9.9594659E-01	9.9839014E-01		
3.078743E+01	9.9989462E-01	9.0094930E-01	9.9822909E-01	9.9792480E-01
9.9719620E-01	9.9586916E-01	9.9839103E-01		
3.128743E+01	9.9989581E-01	8.9796871E-01	9.9817806E-01	9.9787927E-01
9.9712867E-01	9.9579483E-01	9.9838120E-01		
3.178743E+01	9.9989700E-01	8.9569223E-01	9.9813545E-01	9.9783838E-01
9.9704015E-01	9.9570453E-01	9.9836057E-01		
3.228743E+01	9.9989820E-01	8.9418143E-01	9.9809563E-01	9.9779427E-01
9.9696529E-01	9.9562031E-01	9.9834317E-01		
3.278743E+01	9.9989939E-01	8.9315796E-01	9.9805737E-01	9.9775070E-01
9.9690467E-01	9.9555421E-01	9.9832278E-01		
3.328743E+01	9.9990058E-01	8.9231789E-01	9.9802041E-01	9.9770975E-01
9.9685919E-01	9.9550247E-01	9.9829918E-01		
3.378743E+01	9.9990177E-01	8.9169550E-01	9.9798512E-01	9.9767178E-01
9.9682051E-01	9.9545133E-01	9.9827069E-01		
3.428743E+01	9.9990296E-01	8.9162332E-01	9.9795038E-01	9.9763447E-01
9.9678099E-01	9.9539495E-01	9.9823952E-01		

3.478743E+01	9.9990416E-01	8.9233154E-01	9.9791402E-01	9.9759585E-01
9.9673998E-01	9.9533534E-01	9.9820864E-01		
3.528743E+01	9.9990535E-01	8.9364737E-01	9.9787593E-01	9.9755734E-01
9.9670082E-01	9.9527776E-01	9.9818218E-01		
3.578743E+01	9.9990654E-01	8.9507401E-01	9.9783742E-01	9.9752140E-01
9.9667114E-01	9.9523312E-01	9.9816066E-01		
3.628743E+01	9.9990773E-01	8.9609414E-01	9.9780029E-01	9.9749124E-01
9.9665689E-01	9.9520493E-01	9.9814260E-01		
3.678743E+01	9.9990892E-01	8.9639372E-01	9.9776566E-01	9.9746692E-01
9.9669820E-01	9.9518424E-01	9.9812490E-01		
3.728743E+01	9.9991012E-01	8.9587277E-01	9.9773794E-01	9.9745846E-01
9.9671078E-01	9.9516016E-01	9.9810117E-01		
3.778743E+01	9.9991131E-01	8.9451963E-01	9.9771857E-01	9.9745202E-01
9.9668527E-01	9.9512243E-01	9.9806750E-01		
3.830806E+01	9.9991256E-01	8.9218819E-01	9.9769944E-01	9.9743634E-01
9.9663460E-01	9.9505621E-01	9.9801904E-01		
3.880806E+01	9.9991375E-01	8.8911378E-01	9.9767447E-01	9.9740696E-01
9.9656302E-01	9.9495965E-01	9.9796188E-01		
3.930806E+01	9.9991494E-01	8.8562387E-01	9.9763787E-01	9.9736160E-01
9.9647021E-01	9.9483222E-01	9.9789679E-01		
3.983299E+01	9.9991620E-01	8.8222283E-01	9.9758416E-01	9.9729687E-01
9.9635589E-01	9.9467802E-01	9.9782634E-01		
4.034888E+01	9.9991745E-01	8.7967569E-01	9.9751681E-01	9.9722087E-01
9.9623930E-01	9.9452049E-01	9.9775743E-01		
4.086869E+01	9.9991870E-01	8.7795377E-01	9.9743831E-01	9.9713838E-01
9.9612373E-01	9.9436551E-01	9.9769306E-01		
4.137451E+01	9.9991995E-01	8.7670207E-01	9.9735457E-01	9.9705648E-01
9.9602932E-01	9.9424577E-01	9.9764413E-01		
4.188536E+01	9.9992120E-01	8.7560171E-01	9.9727082E-01	9.9698442E-01
9.9596262E-01	9.9415296E-01	9.9760187E-01		
4.239460E+01	9.9992245E-01	8.7486088E-01	9.9719435E-01	9.9692655E-01
9.9592108E-01	9.9409437E-01	9.9756616E-01		
4.290141E+01	9.9992371E-01	8.7486440E-01	9.9712986E-01	9.9688512E-01
9.9589872E-01	9.9404490E-01	9.9752164E-01		
4.340367E+01	9.9992496E-01	8.7567383E-01	9.9707818E-01	9.9685401E-01
9.9587393E-01	9.9398458E-01	9.9747741E-01		
4.391029E+01	9.9992591E-01	8.7685096E-01	9.9703306E-01	9.9682420E-01
9.9584597E-01	9.9394077E-01	9.9746752E-01		
4.442013E+01	9.9992657E-01	8.7767923E-01	9.9699378E-01	9.9680477E-01
9.9585420E-01	9.9394912E-01	9.9746007E-01		
4.493227E+01	9.9992710E-01	8.7764329E-01	9.9696600E-01	9.9679726E-01
9.9584669E-01	9.9390399E-01	9.9740958E-01		
4.543827E+01	9.9992710E-01	8.7661028E-01	9.9694222E-01	9.9677628E-01
9.9578673E-01	9.9380165E-01	9.9736464E-01		
4.593893E+01	9.9992710E-01	8.7469530E-01	9.9690789E-01	9.9673063E-01
9.9568993E-01	9.9365801E-01	9.9732214E-01		
4.644418E+01	9.9992710E-01	8.7181401E-01	9.9685436E-01	9.9666512E-01
9.9560082E-01	9.9357688E-01	9.9734861E-01		
4.695213E+01	9.9992710E-01	8.6786354E-01	9.9679399E-01	9.9661851E-01
9.9560678E-01	9.9362469E-01	9.9738914E-01		
4.745940E+01	9.9992710E-01	8.6341900E-01	9.9675637E-01	9.9662220E-01
9.9570012E-01	9.9375886E-01	9.9743438E-01		
4.797015E+01	9.9992710E-01	8.5972470E-01	9.9676037E-01	9.9666816E-01
9.9577338E-01	9.9380326E-01	9.9738413E-01		
4.847311E+01	9.9992734E-01	8.5765696E-01	9.9678355E-01	9.9668455E-01
9.9568182E-01	9.9360716E-01	9.9726158E-01		

4.898312E+01	9.9992788E-01	8.5681593E-01	9.9677438E-01	9.9663025E-01
9.9553001E-01	9.9342191E-01	9.9724078E-01		
4.948804E+01	9.9992830E-01	8.5649598E-01	9.9672580E-01	9.9656630E-01
9.9549884E-01	9.9342698E-01	9.9727911E-01		
4.999225E+01	9.9992889E-01	8.5649759E-01	9.9667627E-01	9.9654561E-01
9.9555773E-01	9.9350959E-01	9.9730492E-01		
5.049424E+01	9.9992943E-01	8.5707933E-01	9.9665028E-01	9.9656200E-01
9.9561596E-01	9.9356443E-01	9.9731016E-01		
5.099622E+01	9.9992990E-01	8.5815775E-01	9.9664563E-01	9.9658740E-01
9.9563903E-01	9.9357659E-01	9.9730676E-01		
5.149626E+01	9.9993008E-01	8.5897052E-01	9.9665141E-01	9.9660468E-01
9.9563348E-01	9.9356407E-01	9.9730122E-01		
5.199947E+01	9.9993020E-01	8.5864210E-01	9.9665970E-01	9.9660939E-01
9.9561465E-01	9.9354315E-01	9.9729657E-01		
5.250106E+01	9.9993032E-01	8.5676271E-01	9.9666673E-01	9.9660498E-01
9.9559534E-01	9.9352682E-01	9.9729586E-01		
5.300600E+01	9.9993032E-01	8.5354328E-01	9.9667203E-01	9.9659723E-01
9.9558342E-01	9.9352127E-01	9.9730021E-01		
5.351564E+01	9.9993032E-01	8.4955484E-01	9.9667645E-01	9.9659169E-01
9.9558216E-01	9.9352974E-01	9.9731010E-01		
5.402672E+01	9.9993032E-01	8.4553576E-01	9.9668127E-01	9.9659151E-01
9.9559134E-01	9.9355149E-01	9.9732459E-01		
5.452872E+01	9.9993032E-01	8.4219235E-01	9.9668723E-01	9.9659765E-01
9.9560899E-01	9.9358547E-01	9.9734432E-01		
5.503849E+01	9.9993032E-01	8.3971733E-01	9.9669588E-01	9.9661046E-01
9.9563390E-01	9.9362940E-01	9.9736631E-01		
5.554660E+01	9.9993032E-01	8.3813351E-01	9.9670815E-01	9.9662858E-01
9.9566156E-01	9.9367768E-01	9.9739003E-01		
5.606082E+01	9.9993032E-01	8.3731139E-01	9.9672514E-01	9.9665052E-01
9.9569213E-01	9.9373055E-01	9.9741536E-01		
5.657179E+01	9.9993032E-01	8.3728492E-01	9.9674606E-01	9.9667495E-01
9.9572319E-01	9.9378282E-01	9.9743921E-01		
5.707279E+01	9.9993032E-01	8.3793092E-01	9.9676937E-01	9.9669915E-01
9.9575073E-01	9.9383062E-01	9.9746096E-01		
5.758298E+01	9.9993032E-01	8.3891219E-01	9.9679458E-01	9.9672180E-01
9.9577469E-01	9.9387443E-01	9.9748123E-01		
5.810007E+01	9.9993032E-01	8.3963084E-01	9.9682134E-01	9.9674183E-01
9.9579555E-01	9.9391544E-01	9.9750197E-01		
5.860656E+01	9.9993032E-01	8.3954805E-01	9.9684823E-01	9.9675906E-01
9.9581546E-01	9.9395669E-01	9.9752373E-01		
5.912025E+01	9.9993032E-01	8.3839452E-01	9.9687701E-01	9.9677610E-01
9.9583751E-01	9.9400139E-01	9.9754733E-01		
5.962025E+01	9.9993032E-01	8.3626562E-01	9.9690557E-01	9.9679315E-01
9.9586296E-01	9.9405026E-01	9.9757260E-01		
6.012025E+01	9.9993032E-01	8.3337986E-01	9.9693167E-01	9.9681264E-01
9.9589372E-01	9.9410546E-01	9.9759960E-01		
6.062025E+01	9.9993032E-01	8.3008009E-01	9.9695748E-01	9.9683547E-01
9.9592930E-01	9.9416620E-01	9.9762863E-01		
6.112025E+01	9.9993032E-01	8.2673025E-01	9.9698454E-01	9.9686199E-01
9.9597120E-01	9.9423736E-01	9.9766254E-01		
6.162025E+01	9.9993032E-01	8.2362050E-01	9.9701506E-01	9.9689364E-01
9.9601972E-01	9.9431413E-01	9.9769598E-01		
6.212025E+01	9.9993032E-01	8.2091570E-01	9.9704993E-01	9.9692941E-01
9.9607044E-01	9.9439329E-01	9.9773055E-01		
6.262025E+01	9.9993032E-01	8.1869221E-01	9.9708849E-01	9.9696827E-01
9.9612367E-01	9.9447554E-01	9.9776667E-01		

6.312025E+01 9.9993032E-01 8.1703502E-01 9.9713027E-01 9.9700987E-01
9.9617988E-01 9.9456173E-01 9.9780434E-01
6.362025E+01 9.9993032E-01 8.1607741E-01 9.9717498E-01 9.9705410E-01
9.9623954E-01 9.9465245E-01 9.9784404E-01
6.412025E+01 9.9993032E-01 8.1592077E-01 9.9722266E-01 9.9710119E-01
9.9630308E-01 9.9474746E-01 9.9788511E-01
6.462025E+01 9.9993032E-01 8.1648165E-01 9.9727327E-01 9.9715120E-01
9.9637002E-01 9.9484581E-01 9.9792707E-01
6.514344E+01 9.9993032E-01 8.1749129E-01 9.9732924E-01 9.9720633E-01
9.9644315E-01 9.9495149E-01 9.9797207E-01
6.566270E+01 9.9993032E-01 8.1844819E-01 9.9738753E-01 9.9726355E-01
9.9651843E-01 9.9505973E-01 9.9801868E-01
6.618295E+01 9.9993032E-01 8.1896627E-01 9.9744833E-01 9.9732304E-01
9.9659842E-01 9.9517453E-01 9.9806845E-01
6.668818E+01 9.9993032E-01 8.1882769E-01 9.9750984E-01 9.9738365E-01
9.9668056E-01 9.9529070E-01 9.9811804E-01
6.719306E+01 9.9993032E-01 8.1794649E-01 9.9757344E-01 9.9744648E-01
9.9676579E-01 9.9541324E-01 9.9817151E-01
6.770707E+01 9.9993032E-01 8.1622797E-01 9.9764073E-01 9.9751341E-01
9.9685812E-01 9.9554378E-01 9.9822652E-01
6.821601E+01 9.9993032E-01 8.1373441E-01 9.9770987E-01 9.9758196E-01
9.9695104E-01 9.9567425E-01 9.9828041E-01
6.872067E+01 9.9993032E-01 8.1066823E-01 9.9778026E-01 9.9765056E-01
9.9704278E-01 9.9580258E-01 9.9833274E-01
6.922510E+01 9.9993032E-01 8.0743915E-01 9.9785095E-01 9.9771875E-01
9.9713230E-01 9.9592727E-01 9.9838263E-01
6.973701E+01 9.9993032E-01 8.0452693E-01 9.9792141E-01 9.9778593E-01
9.9721873E-01 9.9604785E-01 9.9843121E-01
7.023885E+01 9.9993032E-01 8.0238903E-01 9.9798894E-01 9.9784911E-01
9.9730104E-01 9.9616200E-01 9.9847746E-01
7.074079E+01 9.9993032E-01 8.0099130E-01 9.9805492E-01 9.9791092E-01
9.9738532E-01 9.9628097E-01 9.9852872E-01
7.124079E+01 9.9993032E-01 8.0024314E-01 9.9811852E-01 9.9797297E-01
9.9747694E-01 9.9642116E-01 9.9859452E-01
7.175066E+01 9.9993032E-01 8.0013019E-01 9.9818468E-01 9.9804121E-01
9.9758989E-01 9.9659669E-01 9.9867028E-01
7.227091E+01 9.9993032E-01 8.0103660E-01 9.9825674E-01 9.9811912E-01
9.9772155E-01 9.9680674E-01 9.9875110E-01
7.277091E+01 9.9993032E-01 8.0280864E-01 9.9833155E-01 9.9820048E-01
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7.327091E+01 9.9993032E-01 8.0487335E-01 9.9840909E-01 9.9828333E-01
9.9799007E-01 9.9726242E-01 9.9889058E-01
7.377091E+01 9.9993032E-01 8.0645955E-01 9.9848944E-01 9.9837321E-01
9.9813032E-01 9.9744189E-01 9.9894309E-01
7.427091E+01 9.9993032E-01 8.0704099E-01 9.9857330E-01 9.9846309E-01
9.9824530E-01 9.9756706E-01 9.9898696E-01
7.478299E+01 9.9993014E-01 8.0655074E-01 9.9865204E-01 9.9854428E-01
9.9832082E-01 9.9766046E-01 9.9904341E-01
7.528299E+01 9.9992895E-01 8.0518860E-01 9.9871904E-01 9.9860966E-01
9.9838477E-01 9.9773842E-01 9.9907911E-01
7.578299E+01 9.9992657E-01 8.0298668E-01 9.9878228E-01 9.9865687E-01
9.9840099E-01 9.9773431E-01 9.9904794E-01
7.628299E+01 9.9992418E-01 7.9999846E-01 9.9882776E-01 9.9867433E-01
9.9833483E-01 9.9763173E-01 9.9898517E-01
7.678299E+01 9.9992216E-01 7.9671037E-01 9.9885130E-01 9.9865443E-01
9.9818027E-01 9.9744165E-01 9.9889344E-01

7.728299E+01	9.9992096E-01	7.9385114E-01	9.9884266E-01	9.9858993E-01
9.9800879E-01	9.9719656E-01	9.9879533E-01		
7.778299E+01	9.9992049E-01	7.9189920E-01	9.9879950E-01	9.9849516E-01
9.9782509E-01	9.9692941E-01	9.9870896E-01		
7.830791E+01	9.9992049E-01	7.9082376E-01	9.9872649E-01	9.9837971E-01
9.9764699E-01	9.9668562E-01	9.9864167E-01		
7.880791E+01	9.9992049E-01	7.9042184E-01	9.9864113E-01	9.9827260E-01
9.9751890E-01	9.9648583E-01	9.9856424E-01		
7.930791E+01	9.9992049E-01	7.9045224E-01	9.9855220E-01	9.9817586E-01
9.9738985E-01	9.9625444E-01	9.9844897E-01		
7.980791E+01	9.9992162E-01	7.9105914E-01	9.9846292E-01	9.9807501E-01
9.9724138E-01	9.9604201E-01	9.9839932E-01		
8.030791E+01	9.9992281E-01	7.9240412E-01	9.9837327E-01	9.9798292E-01
9.9715930E-01	9.9591851E-01	9.9837184E-01		
8.080791E+01	9.9992400E-01	7.9428142E-01	9.9829298E-01	9.9791634E-01
9.9709445E-01	9.9577880E-01	9.9832827E-01		
8.130791E+01	9.9992520E-01	7.9611194E-01	9.9822700E-01	9.9786216E-01
9.9699396E-01	9.9559402E-01	9.9826998E-01		
8.180791E+01	9.9992639E-01	7.9728514E-01	9.9816895E-01	9.9780166E-01
9.9685919E-01	9.9538887E-01	9.9820870E-01		
8.230791E+01	9.9992758E-01	7.9745847E-01	9.9810851E-01	9.9772787E-01
9.9672490E-01	9.9521250E-01	9.9815851E-01		
8.280791E+01	9.9992877E-01	7.9660410E-01	9.9804193E-01	9.9764740E-01
9.9661976E-01	9.9508792E-01	9.9811709E-01		
8.330791E+01	9.9992907E-01	7.9485077E-01	9.9797100E-01	9.9756998E-01
9.9654847E-01	9.9500877E-01	9.9808359E-01		
8.380791E+01	9.9992907E-01	7.9229283E-01	9.9790037E-01	9.9750221E-01
9.9650609E-01	9.9495918E-01	9.9805462E-01		
8.430791E+01	9.9992907E-01	7.8906947E-01	9.9783427E-01	9.9744678E-01
9.9648052E-01	9.9492449E-01	9.9803030E-01		
8.483009E+01	9.9992907E-01	7.8544348E-01	9.9777240E-01	9.9740064E-01
9.9646348E-01	9.9489737E-01	9.9801052E-01		
8.533189E+01	9.9992907E-01	7.8235638E-01	9.9772108E-01	9.9736577E-01
9.9645144E-01	9.9487871E-01	9.9799955E-01		
8.583189E+01	9.9992901E-01	7.8000116E-01	9.9767727E-01	9.9733794E-01
9.9645323E-01	9.9487019E-01	9.9799269E-01		
8.634407E+01	9.9992800E-01	7.7830601E-01	9.9763793E-01	9.9731696E-01
9.9649954E-01	9.9486023E-01	9.9798232E-01		
8.686680E+01	9.9992675E-01	7.7720606E-01	9.9760854E-01	9.9730939E-01
9.9649817E-01	9.9484414E-01	9.9797297E-01		
8.738983E+01	9.9992543E-01	7.7683961E-01	9.9758619E-01	9.9730045E-01
9.9647146E-01	9.9485558E-01	9.9797893E-01		
8.789572E+01	9.9992424E-01	7.7736455E-01	9.9756753E-01	9.9729127E-01
9.9646050E-01	9.9486285E-01	9.9797475E-01		
8.841684E+01	9.9992377E-01	7.7890158E-01	9.9755049E-01	9.9728292E-01
9.9644697E-01	9.9487650E-01	9.9796969E-01		
8.892328E+01	9.9992293E-01	7.8064579E-01	9.9753612E-01	9.9727702E-01
9.9644238E-01	9.9488962E-01	9.9796784E-01		
8.943372E+01	9.9992257E-01	7.8170103E-01	9.9752545E-01	9.9727553E-01
9.9645048E-01	9.9491137E-01	9.9796838E-01		
8.995622E+01	9.9992180E-01	7.8170812E-01	9.9752164E-01	9.9728221E-01
9.9646699E-01	9.9493647E-01	9.9797291E-01		
9.045622E+01	9.9992180E-01	7.8076398E-01	9.9752432E-01	9.9729407E-01
9.9648678E-01	9.9496788E-01	9.9797958E-01		
9.096755E+01	9.9992180E-01	7.7894902E-01	9.9753290E-01	9.9731004E-01
9.9650842E-01	9.9499547E-01	9.9798191E-01		

9.146755E+01	9.9992180E-01	7.7633721E-01	9.9754477E-01	9.9732560E-01
9.9652237E-01	9.9501085E-01	9.9798167E-01		
9.196755E+01	9.9992180E-01	7.7290672E-01	9.9755728E-01	9.9733853E-01
9.9652964E-01	9.9501574E-01	9.9797994E-01		
9.248622E+01	9.9992180E-01	7.6888961E-01	9.9757004E-01	9.9734920E-01
9.9653423E-01	9.9500924E-01	9.9797803E-01		
9.299437E+01	9.9992180E-01	7.6546508E-01	9.9757981E-01	9.9735570E-01
9.9653018E-01	9.9501514E-01	9.9798959E-01		
9.350123E+01	9.9992180E-01	7.6314080E-01	9.9758720E-01	9.9736065E-01
9.9653465E-01	9.9502254E-01	9.9799848E-01		
9.401919E+01	9.9992180E-01	7.6193416E-01	9.9759418E-01	9.9736607E-01
9.9653995E-01	9.9503195E-01	9.9800760E-01		
9.453943E+01	9.9992180E-01	7.6158494E-01	9.9760038E-01	9.9737078E-01
9.9654758E-01	9.9504870E-01	9.9801731E-01		
9.504118E+01	9.9992180E-01	7.6213080E-01	9.9760729E-01	9.9737769E-01
9.9656308E-01	9.9506819E-01	9.9802750E-01		
9.554896E+01	9.9992180E-01	7.6380837E-01	9.9761689E-01	9.9738818E-01
9.9658149E-01	9.9509346E-01	9.9804157E-01		
9.604896E+01	9.9992180E-01	7.6586396E-01	9.9762875E-01	9.9740112E-01
9.9660426E-01	9.9512416E-01	9.9805671E-01		
9.654896E+01	9.9992180E-01	7.6747346E-01	9.9764335E-01	9.9741697E-01
9.9662906E-01	9.9515361E-01	9.9807078E-01		
9.706335E+01	9.9992180E-01	7.6797575E-01	9.9766040E-01	9.9743408E-01
9.9665248E-01	9.9518239E-01	9.9808592E-01		
9.758144E+01	9.9992180E-01	7.6695985E-01	9.9767870E-01	9.9745125E-01
9.9667573E-01	9.9520916E-01	9.9810004E-01		
9.808710E+01	9.9992180E-01	7.6477522E-01	9.9769658E-01	9.9746692E-01
9.9669641E-01	9.9522984E-01	9.9811137E-01		
9.859486E+01	9.9992180E-01	7.6119888E-01	9.9771422E-01	9.9748117E-01
9.9671400E-01	9.9524391E-01	9.9812090E-01		
9.910259E+01	9.9992180E-01	7.5664061E-01	9.9773073E-01	9.9749291E-01
9.9672866E-01	9.9525142E-01	9.9812955E-01		
9.960883E+01	9.9992180E-01	7.5205928E-01	9.9774492E-01	9.9750268E-01
9.9673843E-01	9.9526662E-01	9.9814814E-01		
1.050470E+02	9.9990773E-01	7.5410539E-01	9.9780649E-01	9.9753040E-01
9.9672854E-01	9.9522436E-01	9.9813235E-01		
1.100490E+02	9.9989218E-01	7.3493582E-01	9.9773407E-01	9.9744254E-01
9.9661100E-01	9.9509972E-01	9.9808139E-01		
1.150536E+02	9.9987763E-01	7.2008747E-01	9.9778318E-01	9.9751496E-01
9.9672782E-01	9.9527818E-01	9.9815643E-01		
1.200844E+02	9.9986118E-01	7.2100431E-01	9.9783266E-01	9.9756181E-01
9.9680609E-01	9.9540991E-01	9.9822050E-01		
1.251066E+02	9.9984384E-01	6.9957972E-01	9.9792683E-01	9.9764442E-01
9.9696195E-01	9.9560863E-01	9.9820125E-01		
1.301141E+02	9.9983495E-01	7.0008940E-01	9.9791825E-01	9.9761766E-01
9.9681622E-01	9.9519938E-01	9.9810612E-01		
1.351283E+02	9.9983960E-01	6.8127429E-01	9.9800491E-01	9.9771047E-01
9.9691951E-01	9.9536264E-01	9.9822456E-01		
1.401329E+02	9.9984276E-01	6.8204480E-01	9.9804938E-01	9.9775732E-01
9.9699759E-01	9.9556667E-01	9.9862862E-01		
1.451352E+02	9.9984276E-01	6.6702503E-01	9.9807167E-01	9.9778128E-01
9.9704939E-01	9.9564970E-01	9.9865824E-01		
1.501399E+02	9.9984276E-01	6.5844190E-01	9.9810576E-01	9.9781442E-01
9.9710351E-01	9.9574739E-01	9.9870390E-01		
1.551709E+02	9.9984276E-01	6.5437329E-01	9.9821019E-01	9.9792492E-01
9.9723202E-01	9.9593616E-01	9.9876893E-01		

1.602165E+02 9.9984276E-01 6.4010292E-01 9.9831247E-01 9.9802464E-01
9.9735379E-01 9.9610096E-01 9.9881190E-01
1.652350E+02 9.9984276E-01 6.3723797E-01 9.9839115E-01 9.9810189E-01
9.9744725E-01 9.9623436E-01 9.9885482E-01
1.702598E+02 9.9984276E-01 6.2818462E-01 9.9844319E-01 9.9815315E-01
9.9751633E-01 9.9633718E-01 9.9888968E-01
1.752735E+02 9.9984235E-01 6.2641764E-01 9.9848574E-01 9.9819672E-01
9.9759668E-01 9.9649584E-01 9.9896294E-01
1.802951E+02 9.9984187E-01 6.0920548E-01 9.9855280E-01 9.9825358E-01
9.9763447E-01 9.9654001E-01 9.9898469E-01
1.853119E+02 9.9984747E-01 6.1372662E-01 9.9862719E-01 9.9833852E-01
9.9774206E-01 9.9667645E-01 9.9902093E-01
1.903279E+02 9.9984848E-01 5.9171665E-01 9.9869996E-01 9.9841207E-01
9.9784654E-01 9.9683726E-01 9.9907809E-01
1.953564E+02 9.9984848E-01 6.0794038E-01 9.9873555E-01 9.9844658E-01
9.9789256E-01 9.9690932E-01 9.9910313E-01
2.003570E+02 9.9984848E-01 5.9115607E-01 9.9876368E-01 9.9847615E-01
9.9793547E-01 9.9697745E-01 9.9912816E-01
2.053755E+02 9.9984848E-01 5.8269745E-01 9.9879175E-01 9.9850047E-01
9.9795663E-01 9.9700910E-01 9.9914050E-01
2.104183E+02 9.9984848E-01 5.9761405E-01 9.9879569E-01 9.9850518E-01
9.9796033E-01 9.9701375E-01 9.9914032E-01
2.154335E+02 9.9984848E-01 5.6610477E-01 9.9880880E-01 9.9851668E-01
9.9796957E-01 9.9701995E-01 9.9913943E-01
2.204606E+02 9.9984848E-01 5.8135277E-01 9.9880385E-01 9.9851722E-01
9.9798024E-01 9.9704701E-01 9.9915308E-01
2.254792E+02 9.9984848E-01 5.4026359E-01 9.9880409E-01 9.9851292E-01
9.9797773E-01 9.9704313E-01 9.9915034E-01
2.304864E+02 9.9984848E-01 5.8294964E-01 9.9879915E-01 9.9851036E-01
9.9797839E-01 9.9704748E-01 9.9915308E-01
2.354968E+02 9.9984848E-01 5.3262764E-01 9.9881017E-01 9.9851590E-01
9.9796546E-01 9.9701250E-01 9.9914086E-01
2.404991E+02 9.9984848E-01 5.5555654E-01 9.9881941E-01 9.9853688E-01
9.9801987E-01 9.9710226E-01 9.9916840E-01
2.455048E+02 9.9984848E-01 5.4724032E-01 9.9884444E-01 9.9856102E-01
9.9803388E-01 9.9711430E-01 9.9917078E-01
2.505233E+02 9.9984848E-01 5.3441834E-01 9.9886489E-01 9.9859124E-01
9.9810129E-01 9.9721026E-01 9.9919498E-01
2.555298E+02 9.9984848E-01 5.4557240E-01 9.9889594E-01 9.9862242E-01
9.9812782E-01 9.9723840E-01 9.9920267E-01
2.605788E+02 9.9984848E-01 5.1615006E-01 9.9891824E-01 9.9864066E-01
9.9814934E-01 9.9725902E-01 9.9920791E-01
2.656043E+02 9.9984848E-01 5.5783826E-01 9.9894464E-01 9.9867266E-01
9.9819177E-01 9.9732476E-01 9.9922925E-01
2.706539E+02 9.9984848E-01 4.8356187E-01 9.9897617E-01 9.9872690E-01
9.9831551E-01 9.9749786E-01 9.9927181E-01
2.756957E+02 9.9984848E-01 5.1648158E-01 9.9904621E-01 9.9879718E-01
9.9836266E-01 9.9751621E-01 9.9926585E-01
2.807159E+02 9.9984848E-01 5.1379931E-01 9.9907660E-01 9.9883014E-01
9.9841893E-01 9.9757129E-01 9.9927771E-01
2.857581E+02 9.9984848E-01 4.8284608E-01 9.9909347E-01 9.9884051E-01
9.9845874E-01 9.9763215E-01 9.9930304E-01
2.907736E+02 9.9984848E-01 5.1952118E-01 9.9917066E-01 9.9896550E-01
9.9863654E-01 9.9787843E-01 9.9935627E-01
2.957799E+02 9.9984848E-01 5.0337267E-01 9.9917668E-01 9.9892217E-01
9.9832588E-01 9.9782258E-01 9.9935079E-01

3.007857E+02	9.9984848E-01	4.8169306E-01	9.9917114E-01	9.9889952E-01
9.9823594E-01	9.9784398E-01	9.9935585E-01		
3.058138E+02	9.9984783E-01	4.7834003E-01	9.9919730E-01	9.9892581E-01
9.9819666E-01	9.9781555E-01	9.9934095E-01		
3.108138E+02	9.9985880E-01	4.8158839E-01	9.9921161E-01	9.9898010E-01
9.9841881E-01	9.9807632E-01	9.9943089E-01		
3.158304E+02	9.9986738E-01	4.9481872E-01	9.9926478E-01	9.9900854E-01
9.9834609E-01	9.9811077E-01	9.9942911E-01		
3.208480E+02	9.9987060E-01	3.6774519E-01	9.9923748E-01	9.9895036E-01
9.9852687E-01	9.9846065E-01	9.9959731E-01		
3.258746E+02	9.9987435E-01	4.8464599E-01	9.9938625E-01	9.9909264E-01
9.9811733E-01	9.9825895E-01	9.9948281E-01		
3.308900E+02	9.9988085E-01	5.3837216E-01	9.9935651E-01	9.9907768E-01
9.9811196E-01	9.9834913E-01	9.9951541E-01		
3.358961E+02	9.9988520E-01	5.1708496E-01	9.9931836E-01	9.9906522E-01
9.9856150E-01	9.9865162E-01	9.9958682E-01		
3.409074E+02	9.9988770E-01	4.4256300E-01	9.9938858E-01	9.9913895E-01
9.9853039E-01	9.9882829E-01	9.9963665E-01		
3.459233E+02	9.9988782E-01	4.7483206E-01	9.9950480E-01	9.9936175E-01
9.9870455E-01	9.9856955E-01	9.9957877E-01		
3.509260E+02	9.9988782E-01	4.8134679E-01	9.9952787E-01	9.9936730E-01
9.9825108E-01	9.9874961E-01	9.9951988E-01		
3.559283E+02	9.9988782E-01	4.4178012E-01	9.9950701E-01	9.9932760E-01
9.9826884E-01	9.9872881E-01	9.9948186E-01		
3.609366E+02	9.9988782E-01	4.3127441E-01	9.9946970E-01	9.9929023E-01
9.9857366E-01	9.9852103E-01	9.9947727E-01		
3.659482E+02	9.9988782E-01	4.1751432E-01	9.9944258E-01	9.9926388E-01
9.9872488E-01	9.9828404E-01	9.9946320E-01		
3.709486E+02	9.9988782E-01	3.9118606E-01	9.9940401E-01	9.9906862E-01
9.9788809E-01	9.9832624E-01	9.9948758E-01		
3.759580E+02	9.9988782E-01	3.9934412E-01	9.9934280E-01	9.9902278E-01
9.9843150E-01	9.9834114E-01	9.9952090E-01		
3.809612E+02	9.9988782E-01	3.8399184E-01	9.9930269E-01	9.9900460E-01
9.9866068E-01	9.9863964E-01	9.9965781E-01		
3.859788E+02	9.9988782E-01	4.1757473E-01	9.9944896E-01	9.9916124E-01
9.9804324E-01	9.9845403E-01	9.9946272E-01		
3.910090E+02	9.9988782E-01	4.5916551E-01	9.9941599E-01	9.9916828E-01
9.9805248E-01	9.9845922E-01	9.9944901E-01		
3.960181E+02	9.9988782E-01	4.3682766E-01	9.9936008E-01	9.9907702E-01
9.9808174E-01	9.9849480E-01	9.9955386E-01		
4.010229E+02	9.9988782E-01	4.0394962E-01	9.9937034E-01	9.9903637E-01
9.9797612E-01	9.9833709E-01	9.9949992E-01		
4.060714E+02	9.9988782E-01	4.0865999E-01	9.9937499E-01	9.9904376E-01
9.9775577E-01	9.9830306E-01	9.9939239E-01		
4.111179E+02	9.9988782E-01	4.6161872E-01	9.9935657E-01	9.9905694E-01
9.9806839E-01	9.9821186E-01	9.9946815E-01		
4.161518E+02	9.9988782E-01	4.5646533E-01	9.9938488E-01	9.9914891E-01
9.9858385E-01	9.9843812E-01	9.9955511E-01		
4.211620E+02	9.9988782E-01	4.2516178E-01	9.9942344E-01	9.9918562E-01
9.9868554E-01	9.9852127E-01	9.9956274E-01		
4.261913E+02	9.9989086E-01	3.8133743E-01	9.9940616E-01	9.9913800E-01
9.9854624E-01	9.9844164E-01	9.9954587E-01		
4.311930E+02	9.9989086E-01	3.9556971E-01	9.9947059E-01	9.9922293E-01
9.9847502E-01	9.9850577E-01	9.9957269E-01		
4.361968E+02	9.9989086E-01	4.2967367E-01	9.9939787E-01	9.9913204E-01
9.9836743E-01	9.9847049E-01	9.9957365E-01		

4.412443E+02	9.9989086E-01	3.7056249E-01	9.9950135E-01	9.9929720E-01
9.9884605E-01	9.9882227E-01	9.9967414E-01		
4.462449E+02	9.9989086E-01	4.0757358E-01	9.9958110E-01	9.9936658E-01
9.9857461E-01	9.9900842E-01	9.9961954E-01		
4.512502E+02	9.9989086E-01	4.2305407E-01	9.9940741E-01	9.9905008E-01
9.9767309E-01	9.9782050E-01	9.9918872E-01		
4.562851E+02	9.9989086E-01	3.6460081E-01	9.9876207E-01	9.9803835E-01
9.9649829E-01	9.9674922E-01	9.9888873E-01		
4.613121E+02	9.9989086E-01	3.7744966E-01	9.9874651E-01	9.9837214E-01
9.9740410E-01	9.9676561E-01	9.9898922E-01		
4.663397E+02	9.9989086E-01	4.0716392E-01	9.9893326E-01	9.9868137E-01
9.9818939E-01	9.9765211E-01	9.9934298E-01		
4.713776E+02	9.9989086E-01	3.6774033E-01	9.9914157E-01	9.9885261E-01
9.9822640E-01	9.9780899E-01	9.9937671E-01		
4.763856E+02	9.9989086E-01	3.7019271E-01	9.9933732E-01	9.9906921E-01
9.9860388E-01	9.9792165E-01	9.9942869E-01		
4.814128E+02	9.9989086E-01	4.0353978E-01	9.9933273E-01	9.9905634E-01
9.9841136E-01	9.9775231E-01	9.9931687E-01		
4.864223E+02	9.9989086E-01	3.3577782E-01	9.9881381E-01	9.9829435E-01
9.9705225E-01	9.9653822E-01	9.9883902E-01		
4.914722E+02	9.9989086E-01	3.6048546E-01	9.9860960E-01	9.9818605E-01
9.9725020E-01	9.9600017E-01	9.9868220E-01		
4.964919E+02	9.9989086E-01	3.8697711E-01	9.9843121E-01	9.9813688E-01
9.9761224E-01	9.9630886E-01	9.9880821E-01		
5.015259E+02	9.9989128E-01	3.2576054E-01	9.9819940E-01	9.9782604E-01
9.9702686E-01	9.9613190E-01	9.9882346E-01		
5.065450E+02	9.9989277E-01	3.2378656E-01	9.9835867E-01	9.9790537E-01
9.9710155E-01	9.9537039E-01	9.9842834E-01		
5.115457E+02	9.9989426E-01	3.9540178E-01	9.9840564E-01	9.9805474E-01
9.9725533E-01	9.9563843E-01	9.9855524E-01		
5.165457E+02	9.9990022E-01	3.0652010E-01	9.9801606E-01	9.9779999E-01
9.9747008E-01	9.9641657E-01	9.9894542E-01		
5.215463E+02	9.9990356E-01	2.6822361E-01	9.9826211E-01	9.9780035E-01
9.9657482E-01	9.9562830E-01	9.9859518E-01		
5.265685E+02	9.9990618E-01	2.5388187E-01	9.9834281E-01	9.9783379E-01
9.9666029E-01	9.9457294E-01	9.9821776E-01		
5.316183E+02	9.9990624E-01	3.7605196E-01	9.9785423E-01	9.9718064E-01
9.9611402E-01	9.9490345E-01	9.9865532E-01		
5.366320E+02	9.9990624E-01	2.6954916E-01	9.9834180E-01	9.9794388E-01
9.9683779E-01	9.9452585E-01	9.9793857E-01		
5.416345E+02	9.9990624E-01	2.4028885E-01	9.9795485E-01	9.9779415E-01
9.9742210E-01	9.9560583E-01	9.9844003E-01		
5.466345E+02	9.9990624E-01	2.6576918E-01	9.9807000E-01	9.9742371E-01
9.9628145E-01	9.9497300E-01	9.9861503E-01		
5.516580E+02	9.9990624E-01	3.6592674E-01	9.9840093E-01	9.9817735E-01
9.9753153E-01	9.9621153E-01	9.9871480E-01		
5.566583E+02	9.9990100E-01	2.2482580E-01	9.9851722E-01	9.9807489E-01
9.9552959E-01	9.9523216E-01	9.9763042E-01		
5.616711E+02	9.9989736E-01	1.6268241E-01	9.9778527E-01	9.9832463E-01
9.9783891E-01	9.9652141E-01	9.9856323E-01		
5.666711E+02	9.9989140E-01	3.3096993E-01	9.9754900E-01	9.9820542E-01
9.9493265E-01	9.9451011E-01	9.9762398E-01		
5.717148E+02	9.9988627E-01	2.7053103E-01	9.9863249E-01	9.9817550E-01
9.9535066E-01	9.9610347E-01	9.9771833E-01		
5.767209E+02	9.9988025E-01	1.8018241E-01	9.9868399E-01	9.9811184E-01
9.9574542E-01	9.9566883E-01	9.9856019E-01		

5.817575E+02 9.9987733E-01 1.8737914E-01 9.9853206E-01 9.9811047E-01
9.9605983E-01 9.9600935E-01 9.9791640E-01
5.867994E+02 9.9987149E-01 2.7851668E-01 9.9865323E-01 9.9814743E-01
9.9562311E-01 9.9552202E-01 9.9858248E-01
5.918351E+02 9.9987066E-01 1.6852404E-01 9.9869049E-01 9.9830884E-01
9.9726743E-01 9.9604124E-01 9.9816972E-01
5.968547E+02 9.9987066E-01 1.7684457E-01 9.9851531E-01 9.9787056E-01
9.9661160E-01 9.9599922E-01 9.9898595E-01
6.018547E+02 9.9987066E-01 2.4511078E-01 9.9897784E-01 9.9871981E-01
9.9829191E-01 9.9770391E-01 9.9934924E-01
6.068926E+02 9.9987066E-01 2.0187066E-01 9.9916697E-01 9.9889475E-01
9.9832290E-01 9.9741405E-01 9.9897122E-01
6.119015E+02 9.9987066E-01 1.3617820E-01 9.9898124E-01 9.9870527E-01
9.9696773E-01 9.9717140E-01 9.9901128E-01
6.169453E+02 9.9987066E-01 2.4310920E-01 9.9925750E-01 9.9898428E-01
9.9820960E-01 9.9811900E-01 9.9931186E-01
6.219643E+02 9.9987066E-01 1.2870204E-01 9.9944794E-01 9.9921530E-01
9.9881011E-01 9.9849707E-01 9.9949884E-01
6.269753E+02 9.9987066E-01 1.5869766E-01 9.9945718E-01 9.9921209E-01
9.9847955E-01 9.9845225E-01 9.9928856E-01
6.319825E+02 9.9987066E-01 2.0774345E-01 9.9931180E-01 9.9899697E-01
9.9833131E-01 9.9791390E-01 9.9917716E-01
6.369911E+02 9.9987066E-01 1.5361500E-01 9.9938804E-01 9.9907929E-01
9.9824798E-01 9.9839646E-01 9.9937171E-01
6.420153E+02 9.9987066E-01 1.7477654E-01 9.9951154E-01 9.9930698E-01
9.9880999E-01 9.9870378E-01 9.9961758E-01
6.470455E+02 9.9987066E-01 1.8190679E-01 9.9957192E-01 9.9938095E-01
9.9900436E-01 9.9892378E-01 9.9970907E-01
6.520916E+02 9.9987066E-01 1.5099949E-01 9.9959487E-01 9.9940383E-01
9.9889827E-01 9.9885267E-01 9.9963212E-01
6.571367E+02 9.9987066E-01 1.7329346E-01 9.9950171E-01 9.9922842E-01
9.9783629E-01 9.9823684E-01 9.9902678E-01
6.621520E+02 9.9987066E-01 1.8110655E-01 9.9929094E-01 9.9889791E-01
9.9741381E-01 9.9779058E-01 9.9903971E-01
6.671806E+02 9.9987066E-01 1.5369496E-01 9.9921864E-01 9.9886441E-01
9.9813676E-01 9.9784565E-01 9.9939489E-01
6.722262E+02 9.9987066E-01 1.3858259E-01 9.9927330E-01 9.9898863E-01
9.9839330E-01 9.9760360E-01 9.9930376E-01
6.772686E+02 9.9987066E-01 1.3789134E-01 9.9923581E-01 9.9895692E-01
9.9853694E-01 9.9814463E-01 9.9948251E-01
6.822707E+02 9.9987191E-01 1.7387919E-01 9.9928141E-01 9.9902236E-01
9.9865234E-01 9.9836040E-01 9.9959707E-01
6.872923E+02 9.9987191E-01 1.2842062E-01 9.9943811E-01 9.9922484E-01
9.9890876E-01 9.9863535E-01 9.9964935E-01
6.922954E+02 9.9987191E-01 1.6049100E-01 9.9942654E-01 9.9919683E-01
9.9885648E-01 9.9857920E-01 9.9962556E-01
6.973051E+02 9.9987191E-01 1.4114828E-01 9.9944121E-01 9.9922323E-01
9.9890596E-01 9.9864709E-01 9.9965137E-01
7.023073E+02 9.9987191E-01 1.2805721E-01 9.9936390E-01 9.9910450E-01
9.9870104E-01 9.9830139E-01 9.9952710E-01
7.073430E+02 9.9987191E-01 1.5555650E-01 9.9943405E-01 9.9922860E-01
9.9893218E-01 9.9865842E-01 9.9965441E-01
7.123453E+02 9.9987191E-01 1.1530321E-01 9.9942476E-01 9.9919486E-01
9.9886203E-01 9.9857908E-01 9.9961931E-01
7.173482E+02 9.9987191E-01 1.2872195E-01 9.9935323E-01 9.9909252E-01
9.9867857E-01 9.9819368E-01 9.9949694E-01

7.223600E+02	9.9987191E-01	1.5182702E-01	9.9930000E-01	9.9904794E-01
9.9863672E-01	9.9815315E-01	9.9952513E-01		
7.273726E+02	9.9987191E-01	1.1049215E-01	9.9935311E-01	9.9913347E-01
9.9882686E-01	9.9848962E-01	9.9958301E-01		
7.324192E+02	9.9987191E-01	1.2768853E-01	9.9934244E-01	9.9911118E-01
9.9880981E-01	9.9850768E-01	9.9961597E-01		
7.374575E+02	9.9987310E-01	1.4233841E-01	9.9940997E-01	9.9919802E-01
9.9889886E-01	9.9861079E-01	9.9963397E-01		
7.424575E+02	9.9987310E-01	9.3319997E-02	9.9940568E-01	9.9917763E-01
9.9887121E-01	9.9859929E-01	9.9963093E-01		
7.474720E+02	9.9987310E-01	1.1429577E-01	9.9938446E-01	9.9913305E-01
9.9870491E-01	9.9834198E-01	9.9953061E-01		
7.524910E+02	9.9987310E-01	1.4494123E-01	9.9927068E-01	9.9900222E-01
9.9855447E-01	9.9803132E-01	9.9950767E-01		
7.575264E+02	9.9987310E-01	8.0067217E-02	9.9934459E-01	9.9914730E-01
9.9891067E-01	9.9864024E-01	9.9965042E-01		
7.625316E+02	9.9987310E-01	1.3639067E-01	9.9943167E-01	9.9922025E-01
9.9892175E-01	9.9864954E-01	9.9964714E-01		
7.675541E+02	9.9987310E-01	8.4755734E-02	9.9942786E-01	9.9921978E-01
9.9894142E-01	9.9867553E-01	9.9965316E-01		
7.725990E+02	9.9987310E-01	1.1948741E-01	9.9945253E-01	9.9923891E-01
9.9891090E-01	9.9863291E-01	9.9964052E-01		
7.776382E+02	9.9987310E-01	1.1713637E-01	9.9943256E-01	9.9922293E-01
9.9892151E-01	9.9863255E-01	9.9963498E-01		
7.826681E+02	9.9987310E-01	8.4453076E-02	9.9943757E-01	9.9922889E-01
9.9894959E-01	9.9869293E-01	9.9966180E-01		
7.876682E+02	9.9987310E-01	1.2145236E-01	9.9946773E-01	9.9926013E-01
9.9894637E-01	9.9867553E-01	9.9964321E-01		
7.927143E+02	9.9987310E-01	1.0645767E-01	9.9940151E-01	9.9917102E-01
9.9877429E-01	9.9831760E-01	9.9956405E-01		
7.977427E+02	9.9987310E-01	7.3515065E-02	9.9728018E-01	9.9936289E-01
9.9855375E-01	9.9854344E-01	9.9971151E-01		
8.027863E+02	9.9987310E-01	1.4526300E-01	9.9950337E-01	9.9929643E-01
9.9886912E-01	9.9843049E-01	9.9959779E-01		
8.077863E+02	9.9987310E-01	5.4693803E-02	9.9921840E-01	9.9947780E-01
9.9888533E-01	9.9886274E-01	9.9973500E-01		
8.128088E+02	9.9987310E-01	8.1577234E-02	9.9947405E-01	9.9924093E-01
9.9867779E-01	9.9838936E-01	9.9957854E-01		
8.178396E+02	9.9987310E-01	1.1359066E-01	9.9936408E-01	9.9915034E-01
9.9868441E-01	9.9821764E-01	9.9952757E-01		
8.228683E+02	9.9987310E-01	6.4937428E-02	9.9942046E-01	9.9924964E-01
9.9901909E-01	9.9872833E-01	9.9965221E-01		
8.279000E+02	9.9987310E-01	8.7990135E-02	9.9940467E-01	9.9927628E-01
9.9875337E-01	9.9858028E-01	9.9970305E-01		
8.329000E+02	9.9987310E-01	6.5007038E-02	9.9949604E-01	9.9931467E-01
9.9904692E-01	9.9879694E-01	9.9968570E-01		
8.379267E+02	9.9987310E-01	3.6534004E-02	9.9827391E-01	9.9941730E-01
9.9868321E-01	9.9862260E-01	9.9970543E-01		
8.429336E+02	9.9987310E-01	1.8131265E-02	9.9413049E-01	9.9919975E-01
9.9796462E-01	9.9852145E-01	9.9957216E-01		
8.479440E+02	9.9987882E-01	2.6534316E-01	9.8469472E-01	9.9780405E-01
9.9831074E-01	9.9837744E-01	9.9947613E-01		
8.529523E+02	9.9987966E-01	3.3385362E-02	9.9264234E-01	9.9931628E-01
9.9772489E-01	9.9855369E-01	9.9954307E-01		
8.579803E+02	9.9988693E-01	4.3148950E-01	5.7226741E-01	8.9422697E-01
8.8434815E-01	9.9621195E-01	9.9928010E-01		

8.630277E+02 9.9989736E-01 3.3309113E-02 9.8149985E-01 9.9719989E-01
9.9811029E-01 9.9681270E-01 9.9962598E-01
8.680298E+02 9.9990779E-01 1.0333315E-01 9.7281617E-01 9.9935067E-01
9.9894547E-01 9.9878287E-01 9.9962425E-01
8.730469E+02 9.9992150E-01 1.4858113E-02 9.9650836E-01 9.9982381E-01
9.9879694E-01 9.9834150E-01 9.9953312E-01
8.780671E+02 9.9993002E-01 1.0021141E-01 9.9961793E-01 9.9957842E-01
9.9814707E-01 9.9879843E-01 9.9953073E-01
8.830836E+02 9.9993634E-01 1.0964125E-01 9.9346119E-01 9.9949795E-01
9.9849617E-01 9.9905026E-01 9.9963039E-01
8.881301E+02 9.9994171E-01 4.0815431E-03 9.2319155E-01 9.9955273E-01
9.9830055E-01 9.9863791E-01 9.9957627E-01
8.931561E+02 9.9994582E-01 7.3043276E-03 9.2578411E-01 9.9945152E-01
9.9834919E-01 9.9848348E-01 9.9954945E-01
8.981845E+02 9.9994665E-01 2.2617593E-01 9.9420047E-01 9.9962932E-01
9.9871343E-01 9.9906731E-01 9.9965543E-01
9.032300E+02 9.9994665E-01 2.1494757E-02 9.5177263E-01 9.9947798E-01
9.9864787E-01 9.9879426E-01 9.9959016E-01
9.082662E+02 9.9994236E-01 2.3756549E-02 8.9774388E-01 9.9956280E-01
9.9811870E-01 9.9784982E-01 9.9947834E-01
9.133143E+02 9.9993593E-01 4.4564856E-03 9.9838990E-01 9.9964297E-01
9.9796283E-01 9.9777514E-01 9.9934381E-01
9.183594E+02 9.9992961E-01 2.8418070E-03 9.9770939E-01 9.9971730E-01
9.9766290E-01 9.9722928E-01 9.9913722E-01
9.233762E+02 9.9992436E-01 6.1066534E-02 9.9918944E-01 9.9909770E-01
9.9634874E-01 9.9747938E-01 9.9889576E-01
9.283935E+02 9.9991864E-01 3.3196039E-02 9.9903160E-01 9.9900949E-01
9.9800456E-01 9.9797142E-01 9.9906880E-01
9.334008E+02 9.9991214E-01 1.6812315E-02 9.9754739E-01 9.9859321E-01
9.9645746E-01 9.9698603E-01 9.9844319E-01
9.384365E+02 9.9990892E-01 3.0054402E-02 9.9829769E-01 9.9793774E-01
9.9531454E-01 9.9572438E-01 9.9872768E-01
9.434605E+02 9.9990892E-01 1.4378156E-01 9.9243587E-01 9.9803317E-01
9.9418908E-01 9.9295586E-01 9.9623209E-01
9.484623E+02 9.9990684E-01 1.8528027E-03 9.7696382E-01 9.9790704E-01
9.9418640E-01 9.9405575E-01 9.9725783E-01
9.534870E+02 9.9990237E-01 1.8752274E-03 9.5270151E-01 9.9794024E-01
9.9274492E-01 9.9348086E-01 9.9751025E-01
9.585121E+02 9.9990094E-01 4.9722090E-04 9.1487288E-01 9.9835491E-01
9.9469388E-01 9.9520350E-01 9.9759358E-01
9.635247E+02 9.9990094E-01 5.4863449E-03 9.9343312E-01 9.9797177E-01
9.9547929E-01 9.9625993E-01 9.9903399E-01
9.685247E+02 9.9990094E-01 9.3663861E-05 9.4475788E-01 9.9860114E-01
9.9553645E-01 9.9400848E-01 9.9700415E-01
9.735247E+02 9.9990094E-01 8.5905129E-05 9.6844679E-01 9.9785793E-01
9.9578732E-01 9.9462599E-01 9.9763250E-01
9.785247E+02 9.9990094E-01 7.6607532E-05 9.4914597E-01 9.9815679E-01
9.9454767E-01 9.9395186E-01 9.9757618E-01
9.835706E+02 9.9990034E-01 6.9260190E-05 9.3842232E-01 9.9818265E-01
9.9468893E-01 9.9395657E-01 9.9758816E-01
9.885706E+02 9.9990034E-01 6.3806896E-05 9.3236995E-01 9.9822086E-01
9.9482936E-01 9.9405235E-01 9.9761802E-01
9.935714E+02 9.9990034E-01 5.5101358E-05 9.2727584E-01 9.9821323E-01
9.9466890E-01 9.9408448E-01 9.9761856E-01
9.986208E+02 9.9990034E-01 5.0317438E-05 9.2025208E-01 9.9821228E-01
9.9458772E-01 9.9411166E-01 9.9765813E-01

1.003653E+03	9.9990034E-01	4.4918808E-05	9.1174465E-01	9.9825972E-01
9.9473202E-01	9.9418765E-01	9.9770200E-01		
1.008698E+03	9.9990034E-01	4.0798102E-05	9.0377128E-01	9.9829763E-01
9.9476171E-01	9.9421024E-01	9.9769431E-01		
1.013703E+03	9.9990034E-01	3.2971373E-05	8.9630866E-01	9.9826562E-01
9.9469537E-01	9.9423325E-01	9.9768728E-01		
1.018708E+03	9.9990034E-01	3.0143421E-05	8.8894898E-01	9.9825573E-01
9.9456632E-01	9.9420661E-01	9.9768406E-01		
1.023737E+03	9.9990034E-01	2.8872477E-05	8.8171446E-01	9.9825799E-01
9.9478358E-01	9.9431789E-01	9.9775678E-01		
1.028787E+03	9.9990034E-01	2.2687233E-05	8.7444818E-01	9.9832875E-01
9.9484569E-01	9.9431330E-01	9.9773014E-01		
1.033812E+03	9.9990034E-01	2.0040785E-05	8.6719590E-01	9.9828851E-01
9.9472773E-01	9.9434716E-01	9.9774426E-01		
1.038826E+03	9.9990034E-01	2.0198657E-05	8.5984921E-01	9.9832702E-01
9.9457848E-01	9.9418354E-01	9.9769771E-01		
1.043868E+03	9.9990034E-01	1.5046553E-05	8.5251176E-01	9.9829412E-01
9.9451363E-01	9.9412382E-01	9.9766481E-01		
1.048868E+03	9.9990034E-01	1.3007343E-05	8.4505707E-01	9.9828678E-01
9.9461383E-01	9.9416018E-01	9.9766850E-01		
1.053917E+03	9.9990034E-01	1.1574963E-05	8.3759791E-01	9.9827951E-01
9.9429113E-01	9.9389982E-01	9.9752605E-01		
1.058917E+03	9.9990034E-01	9.7899128E-06	8.2986397E-01	9.9815321E-01
9.9433690E-01	9.9396598E-01	9.9757004E-01		
1.063917E+03	9.9990034E-01	0.0000000E+00	8.2222933E-01	9.9823475E-01
9.9452466E-01	9.9390781E-01	9.9753511E-01		
1.068917E+03	9.9990034E-01	0.0000000E+00	8.1444389E-01	9.9815434E-01
9.9423230E-01	9.9382049E-01	9.9749947E-01		
1.073917E+03	9.9990034E-01	0.0000000E+00	8.0657858E-01	9.9817693E-01
9.9407625E-01	9.9351066E-01	9.9730909E-01		
1.078917E+03	9.9990034E-01	0.0000000E+00	7.9819578E-01	9.9796081E-01
9.9322098E-01	9.9299324E-01	9.9705422E-01		
1.083917E+03	9.9990034E-01	0.0000000E+00	7.8910172E-01	9.9781203E-01
9.9282873E-01	9.9242312E-01	9.9681753E-01		
1.088917E+03	9.9990034E-01	0.0000000E+00	7.7952212E-01	9.9769300E-01
9.9291223E-01	9.9207723E-01	9.9669290E-01		
1.093917E+03	9.9990034E-01	0.0000000E+00	7.6966780E-01	9.9762118E-01
9.9343324E-01	9.9219596E-01	9.9680918E-01		
1.098959E+03	9.9990034E-01	0.0000000E+00	7.5997746E-01	9.9772179E-01
9.9394912E-01	9.9252057E-01	9.9699438E-01		
1.103988E+03	9.9990034E-01	0.0000000E+00	7.5123519E-01	9.9787945E-01
9.9456555E-01	9.9305457E-01	9.9716222E-01		
1.108988E+03	9.9990034E-01	0.0000000E+00	7.4245280E-01	9.9791074E-01
9.9416167E-01	9.9311239E-01	9.9720299E-01		
1.113988E+03	9.9990034E-01	5.7065009E-08	7.3392117E-01	9.9796486E-01
9.9446833E-01	9.9337733E-01	9.9734581E-01		
1.118988E+03	9.9990034E-01	0.0000000E+00	7.2584748E-01	9.9806756E-01
9.9456084E-01	9.9356604E-01	9.9740285E-01		
1.123988E+03	9.9990034E-01	0.0000000E+00	7.1775568E-01	9.9810106E-01
9.9482340E-01	9.9390399E-01	9.9756944E-01		
1.128988E+03	9.9990034E-01	0.0000000E+00	7.1007389E-01	9.9821949E-01
9.9469841E-01	9.9391788E-01	9.9757296E-01		
1.133988E+03	9.9990034E-01	5.8299690E-07	7.0250952E-01	9.9821097E-01
9.9480838E-01	9.9409086E-01	9.9766016E-01		
1.138988E+03	9.9990034E-01	0.0000000E+00	6.9551891E-01	9.9827647E-01
9.9475837E-01	9.9406826E-01	9.9761873E-01		

1.143988E+03	9.9990034E-01	0.0000000E+00	6.8774450E-01	9.9820799E-01
9.9454290E-01	9.9409336E-01	9.9764365E-01		
1.149029E+03	9.9990034E-01	0.0000000E+00	6.7997342E-01	9.9825990E-01
9.9459225E-01	9.9404734E-01	9.9765295E-01		
1.154029E+03	9.9990034E-01	0.0000000E+00	6.7300701E-01	9.9827546E-01
9.9473870E-01	9.9412602E-01	9.9765438E-01		
1.159029E+03	9.9990034E-01	0.0000000E+00	6.6552413E-01	9.9823999E-01
9.9433267E-01	9.9396479E-01	9.9759758E-01		
1.164029E+03	9.9990034E-01	0.0000000E+00	6.5791899E-01	9.9825728E-01
9.9482644E-01	9.9415416E-01	9.9766380E-01		
1.169073E+03	9.9990034E-01	0.0000000E+00	6.5051496E-01	9.9823338E-01
9.9444687E-01	9.9405682E-01	9.9764842E-01		
1.174073E+03	9.9990034E-01	0.0000000E+00	6.4274734E-01	9.9828315E-01
9.9496007E-01	9.9429578E-01	9.9775523E-01		
1.179073E+03	9.9990034E-01	0.0000000E+00	6.3581932E-01	9.9832577E-01
9.9461222E-01	9.9414963E-01	9.9767894E-01		
1.184122E+03	9.9990034E-01	0.0000000E+00	6.2857360E-01	9.9827921E-01
9.9471867E-01	9.9422973E-01	9.9772620E-01		
1.189164E+03	9.9990034E-01	0.0000000E+00	6.2105632E-01	9.9832422E-01
9.9486542E-01	9.9430490E-01	9.9775517E-01		
1.194184E+03	9.9990034E-01	0.0000000E+00	6.1407065E-01	9.9832332E-01
9.9472302E-01	9.9424529E-01	9.9773908E-01		
1.199231E+03	9.9990034E-01	7.5481225E-08	6.0642791E-01	9.9832225E-01
9.9470371E-01	9.9421674E-01	9.9773139E-01		
1.204231E+03	9.9990034E-01	0.0000000E+00	5.9976238E-01	9.9831450E-01
9.9462050E-01	9.9413657E-01	9.9768311E-01		
1.209231E+03	9.9990034E-01	0.0000000E+00	5.9223002E-01	9.9827141E-01
9.9439442E-01	9.9402553E-01	9.9763405E-01		
1.214231E+03	9.9990034E-01	0.0000000E+00	5.8477587E-01	9.9827200E-01
9.9484795E-01	9.9423617E-01	9.9773246E-01		
1.219231E+03	9.9990034E-01	0.0000000E+00	5.7761919E-01	9.9830794E-01
9.9474460E-01	9.9425143E-01	9.9774754E-01		
1.224231E+03	9.9990034E-01	0.0000000E+00	5.7030380E-01	9.9831933E-01
9.9497157E-01	9.9444294E-01	9.9783421E-01		
1.229231E+03	9.9990034E-01	6.0036217E-07	5.6322008E-01	9.9835396E-01
9.9461448E-01	9.9426657E-01	9.9778545E-01		
1.234231E+03	9.9990034E-01	3.9717068E-07	5.5635589E-01	9.9837381E-01
9.9516064E-01	9.9454999E-01	9.9791437E-01		
1.239231E+03	9.9990034E-01	1.4274622E-07	5.4970753E-01	9.9843764E-01
9.9528325E-01	9.9473828E-01	9.9800843E-01		
1.244231E+03	9.9990034E-01	3.0709111E-07	5.4314291E-01	9.9849463E-01
9.9546498E-01	9.9498248E-01	9.9814260E-01		
1.249231E+03	9.9990034E-01	3.1602764E-07	5.3714794E-01	9.9860173E-01
9.9583942E-01	9.9532729E-01	9.9830121E-01		
1.254231E+03	9.9990034E-01	1.1761813E-06	5.3124112E-01	9.9871582E-01
9.9643874E-01	9.9591672E-01	9.9858606E-01		
1.259231E+03	9.9990034E-01	5.3509194E-07	5.2671838E-01	9.9891740E-01
9.9707562E-01	9.9649245E-01	9.9880183E-01		
1.264231E+03	9.9990034E-01	5.1653780E-07	5.2293992E-01	9.9900872E-01
9.9667841E-01	9.9638355E-01	9.9873769E-01		
1.269231E+03	9.9990034E-01	1.2673647E-06	5.1785529E-01	9.9897140E-01
9.9649638E-01	9.9642283E-01	9.9880135E-01		
1.274231E+03	9.9990034E-01	1.5515400E-06	5.1387328E-01	9.9905097E-01
9.9702048E-01	9.9673635E-01	9.9892318E-01		
1.279231E+03	9.9990034E-01	1.1453208E-06	5.1030356E-01	9.9910921E-01
9.9690866E-01	9.9673200E-01	9.9893975E-01		

1.284231E+03	9.9990034E-01	9.7532416E-07	5.0663197E-01	9.9912238E-01
9.9680930E-01	9.9667847E-01	9.9892318E-01		
1.289231E+03	9.9990034E-01	8.6302811E-07	5.0276488E-01	9.9911755E-01
9.9670231E-01	9.9661183E-01	9.9891084E-01		
1.294280E+03	9.9990034E-01	7.8397454E-07	4.9896342E-01	9.9912274E-01
9.9680352E-01	9.9671412E-01	9.9895352E-01		
1.299280E+03	9.9990034E-01	5.7624959E-07	4.9654210E-01	9.9914742E-01
9.9685168E-01	9.9675906E-01	9.9895072E-01		
1.304280E+03	9.9990034E-01	1.0453203E-06	4.9425486E-01	9.9914008E-01
9.9658912E-01	9.9655598E-01	9.9888676E-01		
1.309280E+03	9.9990034E-01	7.9352412E-07	4.8943639E-01	9.9911910E-01
9.9684298E-01	9.9682462E-01	9.9900073E-01		
1.314280E+03	9.9990034E-01	8.4342338E-07	4.8453367E-01	9.9918354E-01
9.9694628E-01	9.9682552E-01	9.9896926E-01		
1.319280E+03	9.9990034E-01	6.4536493E-07	4.7997180E-01	9.9916172E-01
9.9672920E-01	9.9669510E-01	9.9894875E-01		
1.324280E+03	9.9990034E-01	6.3857351E-07	4.7645634E-01	9.9914300E-01
9.9669468E-01	9.9668956E-01	9.9895018E-01		
1.329280E+03	9.9990034E-01	7.0759404E-07	4.7380710E-01	9.9916911E-01
9.9683601E-01	9.9679875E-01	9.9897730E-01		
1.334329E+03	9.9990034E-01	8.6210105E-07	4.7019243E-01	9.9915016E-01
9.9680227E-01	9.9680990E-01	9.9898219E-01		
1.339329E+03	9.9990034E-01	7.0875626E-07	4.6532267E-01	9.9916345E-01
9.9678075E-01	9.9666834E-01	9.9885815E-01		
1.344329E+03	9.9990034E-01	6.3251645E-07	4.6070573E-01	9.9899775E-01
9.9664563E-01	9.9649960E-01	9.9879968E-01		
1.349329E+03	9.9990034E-01	3.8945552E-07	4.5726368E-01	9.9890870E-01
9.9656618E-01	9.9613059E-01	9.9862224E-01		
1.354329E+03	9.9990034E-01	3.3359305E-07	4.5339832E-01	9.9878573E-01
9.9678749E-01	9.9592733E-01	9.9851757E-01		
1.359336E+03	9.9990034E-01	5.8424666E-07	4.4838646E-01	9.9863821E-01
9.9707127E-01	9.9571675E-01	9.9845332E-01		
1.364336E+03	9.9990034E-01	6.7354131E-07	4.4291934E-01	9.9850017E-01
9.9540174E-01	9.9576372E-01	9.9842149E-01		
1.369336E+03	9.9990034E-01	1.0549729E-06	4.3636411E-01	9.9811774E-01
9.9610227E-01	9.9551022E-01	9.9875546E-01		
1.374336E+03	9.9990034E-01	1.3139446E-06	4.2961341E-01	9.9768877E-01
9.9615103E-01	9.9446619E-01	9.9850190E-01		
1.379370E+03	9.9990034E-01	1.3196454E-06	4.2204836E-01	9.9670273E-01
9.9529558E-01	9.9283129E-01	9.9778759E-01		
1.384372E+03	9.9990034E-01	7.8749281E-07	4.1403022E-01	9.9657166E-01
9.9529791E-01	9.9223346E-01	9.9779254E-01		
1.389418E+03	9.9990034E-01	6.6659027E-07	4.0669176E-01	9.9647772E-01
9.9478620E-01	9.9156338E-01	9.9770588E-01		
1.394459E+03	9.9990034E-01	0.0000000E+00	3.9947894E-01	9.9593174E-01
9.9385661E-01	9.8970079E-01	9.9723625E-01		
1.399505E+03	9.9990034E-01	3.3701605E-07	3.8515663E-01	9.9549812E-01
9.9321985E-01	9.8911637E-01	9.9715650E-01		
1.404505E+03	9.9990034E-01	0.0000000E+00	3.6385238E-01	9.9513358E-01
9.9361849E-01	9.8952860E-01	9.9687374E-01		
1.409509E+03	9.9990034E-01	0.0000000E+00	3.4436759E-01	9.9532539E-01
9.9370301E-01	9.8903430E-01	9.9701840E-01		
1.414548E+03	9.9990034E-01	7.9226959E-07	3.2890597E-01	9.9497563E-01
9.9335170E-01	9.8896629E-01	9.9689245E-01		
1.419548E+03	9.9990034E-01	5.4129305E-07	3.1623715E-01	9.9502480E-01
9.9400985E-01	9.9000078E-01	9.9647701E-01		

1.424548E+03	9.9990034E-01	8.7318307E-07	3.0126733E-01	9.9547035E-01
9.9455184E-01	9.9066639E-01	9.9639499E-01		
1.429548E+03	9.9990034E-01	5.3172869E-07	2.8684667E-01	9.9535388E-01
9.9460059E-01	9.9079430E-01	9.9611002E-01		
1.434548E+03	9.9990034E-01	8.4258943E-07	2.7251232E-01	9.9569350E-01
9.9488580E-01	9.9137777E-01	9.9638653E-01		
1.439548E+03	9.9990034E-01	8.9700222E-07	2.5894010E-01	9.9560064E-01
9.9497736E-01	9.9156040E-01	9.9629855E-01		
1.444548E+03	9.9990034E-01	1.1166316E-06	2.4723721E-01	9.9588579E-01
9.9521005E-01	9.9195129E-01	9.9654400E-01		
1.449548E+03	9.9990034E-01	4.4172162E-07	2.3296903E-01	9.9585932E-01
9.9510300E-01	9.9190658E-01	9.9641782E-01		
1.454592E+03	9.9990034E-01	8.1309173E-07	2.2116250E-01	9.9592370E-01
9.9544626E-01	9.9251437E-01	9.9663514E-01		
1.459592E+03	9.9990034E-01	1.2876026E-06	2.0802955E-01	9.9615908E-01
9.9556708E-01	9.9284500E-01	9.9676991E-01		
1.464592E+03	9.9990034E-01	7.2900218E-07	1.9674222E-01	9.9599355E-01
9.9551797E-01	9.9275452E-01	9.9672818E-01		
1.469638E+03	9.9990034E-01	7.2300008E-07	1.8461376E-01	9.9623483E-01
9.9572563E-01	9.9336171E-01	9.9704969E-01		
1.474638E+03	9.9990034E-01	7.8659048E-07	1.7376505E-01	9.9616641E-01
9.9627525E-01	9.9417377E-01	9.9734533E-01		
1.479638E+03	9.9990034E-01	1.1693096E-06	1.6188547E-01	9.9650562E-01
9.9656337E-01	9.9466550E-01	9.9757361E-01		
1.484681E+03	9.9990034E-01	5.1735572E-07	1.4947492E-01	9.9652892E-01
9.9642688E-01	9.9438918E-01	9.9736595E-01		
1.489718E+03	9.9990034E-01	5.0744330E-07	1.3967763E-01	9.9641329E-01
9.9639070E-01	9.9435955E-01	9.9741983E-01		
1.494719E+03	9.9990034E-01	7.5696869E-07	1.2955165E-01	9.9659383E-01
9.9644142E-01	9.9437511E-01	9.9740344E-01		
1.499726E+03	9.9990034E-01	5.7334387E-07	1.1914212E-01	9.9639213E-01
9.9641329E-01	9.9446362E-01	9.9748898E-01		
1.504759E+03	9.9990034E-01	1.2796802E-06	1.0786139E-01	9.9671978E-01
9.9678272E-01	9.9498433E-01	9.9770212E-01		
1.509762E+03	9.9990034E-01	0.0000000E+00	9.5682062E-02	9.9651903E-01
9.9651074E-01	9.9461561E-01	9.9755073E-01		
1.514772E+03	9.9990034E-01	0.0000000E+00	8.6656146E-02	9.9663287E-01
9.9658281E-01	9.9464494E-01	9.9750894E-01		
1.519808E+03	9.9990034E-01	0.0000000E+00	7.5629972E-02	9.9655998E-01
9.9644333E-01	9.9446040E-01	9.9743497E-01		
1.524844E+03	9.9990034E-01	0.0000000E+00	6.7119487E-02	9.9662125E-01
9.9638182E-01	9.9398404E-01	9.9719793E-01		
1.529844E+03	9.9990034E-01	0.0000000E+00	5.3075619E-02	9.9650013E-01
9.9647301E-01	9.9456221E-01	9.9752343E-01		
1.534859E+03	9.9990034E-01	0.0000000E+00	4.0354777E-02	9.9666113E-01
9.9667686E-01	9.9476314E-01	9.9758434E-01		
1.539868E+03	9.9990034E-01	0.0000000E+00	2.9752195E-02	9.9672204E-01
9.9658686E-01	9.9466145E-01	9.9753749E-01		
1.544881E+03	9.9990034E-01	0.0000000E+00	2.0789746E-02	9.9654835E-01
9.9623853E-01	9.9384487E-01	9.9706084E-01		
1.549901E+03	9.9990034E-01	0.0000000E+00	8.2484363E-03	9.9660736E-01
9.9655247E-01	9.9464279E-01	9.9756658E-01		
1.554901E+03	9.9990004E-01	0.0000000E+00	4.2800870E-02	9.0768111E-01
9.9274415E-01	9.9436903E-01	9.9765325E-01		
1.559921E+03	9.9990082E-01	5.2773476E-07	1.6870184E-02	9.9398959E-01
9.9299341E-01	9.9498415E-01	9.9807417E-01		

1.564944E+03	9.9990082E-01	1.2012650E-05	5.8313147E-03	9.5922440E-01
9.9538487E-01	9.9522555E-01	9.9860692E-01		
1.569956E+03	9.9990082E-01	3.3046942E-07	3.4903362E-03	9.6570671E-01
9.9563855E-01	9.9462390E-01	9.9847728E-01		
1.574956E+03	9.9990082E-01	5.7293530E-08	2.3220000E-03	9.5183057E-01
9.9588585E-01	9.9486077E-01	9.9835122E-01		
1.579956E+03	9.9990082E-01	0.0000000E+00	1.5681332E-03	9.4500250E-01
9.9722672E-01	9.9689233E-01	9.9890471E-01		
1.584956E+03	9.9990082E-01	0.0000000E+00	1.0632392E-03	9.4342464E-01
9.9817473E-01	9.9642801E-01	9.9879825E-01		
1.589956E+03	9.9990082E-01	0.0000000E+00	7.3567801E-04	9.3440312E-01
9.9846935E-01	9.9700421E-01	9.9899220E-01		
1.594956E+03	9.9990082E-01	0.0000000E+00	4.9455889E-04	9.3608344E-01
9.9871135E-01	9.9766612E-01	9.9924368E-01		
1.599956E+03	9.9990082E-01	0.0000000E+00	3.3660614E-04	9.2799896E-01
9.9887174E-01	9.9796593E-01	9.9934924E-01		
1.604956E+03	9.9990082E-01	0.0000000E+00	2.2455672E-04	9.2916209E-01
9.9897784E-01	9.9818766E-01	9.9941260E-01		
1.609956E+03	9.9990082E-01	0.0000000E+00	1.4568567E-04	9.2354047E-01
9.9899632E-01	9.9814367E-01	9.9938619E-01		
1.614956E+03	9.9990082E-01	0.0000000E+00	8.7044406E-05	9.2216867E-01
9.9895412E-01	9.9802285E-01	9.9933308E-01		
1.619956E+03	9.9990082E-01	0.0000000E+00	5.3301388E-05	9.1886747E-01
9.9893999E-01	9.9798322E-01	9.9932760E-01		
1.624956E+03	9.9990082E-01	0.0000000E+00	3.0242283E-05	9.1491514E-01
9.9893200E-01	9.9796498E-01	9.9931604E-01		
1.629956E+03	9.9990082E-01	0.0000000E+00	1.8522915E-05	9.1338098E-01
9.9893034E-01	9.9796337E-01	9.9931723E-01		
1.634956E+03	9.9990082E-01	0.0000000E+00	9.7045904E-06	9.0842700E-01
9.9892747E-01	9.9794292E-01	9.9930722E-01		
1.639972E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	9.0701169E-01
9.9891686E-01	9.9793082E-01	9.9930573E-01		
1.644972E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	9.0268713E-01
9.9892819E-01	9.9794871E-01	9.9931246E-01		
1.649982E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	9.0015596E-01
9.9891496E-01	9.9791276E-01	9.9928844E-01		
1.654998E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.9698386E-01
9.9890751E-01	9.9789977E-01	9.9929714E-01		
1.660028E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.9330339E-01
9.9891454E-01	9.9791574E-01	9.9929595E-01		
1.665028E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.9129245E-01
9.9892473E-01	9.9795425E-01	9.9931622E-01		
1.670048E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.8692617E-01
9.9891347E-01	9.9790645E-01	9.9929255E-01		
1.675065E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.8523644E-01
9.9890774E-01	9.9792069E-01	9.9930429E-01		
1.680108E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.8094777E-01
9.9890590E-01	9.9789041E-01	9.9929357E-01		
1.685146E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.7879848E-01
9.9893445E-01	9.9799651E-01	9.9933249E-01		
1.690150E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.7547553E-01
9.9895310E-01	9.9802476E-01	9.9934006E-01		
1.695192E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.7223560E-01
9.9891126E-01	9.9788523E-01	9.9926597E-01		
1.700202E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.6969304E-01
9.9880642E-01	9.9757308E-01	9.9913317E-01		

1.705202E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.6510789E-01
9.9877179E-01	9.9757832E-01	9.9917912E-01		
1.710202E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.6327124E-01
9.9888897E-01	9.9794924E-01	9.9933177E-01		
1.715202E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.5908574E-01
9.9892551E-01	9.9794227E-01	9.9930423E-01		
1.720212E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.5704380E-01
9.9892098E-01	9.9796003E-01	9.9931812E-01		
1.725225E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.5354626E-01
9.9891138E-01	9.9789023E-01	9.9927795E-01		
1.730267E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.5034245E-01
9.9888670E-01	9.9785161E-01	9.9927032E-01		
1.735300E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.4750462E-01
9.9873668E-01	9.9732667E-01	9.9892449E-01		
1.740300E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.4174919E-01
9.9835330E-01	9.9628270E-01	9.9849641E-01		
1.745300E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.3802092E-01
9.9824238E-01	9.9620169E-01	9.9852198E-01		
1.750300E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.3131504E-01
9.9821281E-01	9.9614084E-01	9.9850845E-01		
1.755300E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.2754374E-01
9.9825221E-01	9.9634117E-01	9.9866569E-01		
1.760300E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.2236582E-01
9.9844033E-01	9.9692065E-01	9.9893409E-01		
1.765300E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.1835020E-01
9.9853659E-01	9.9709970E-01	9.9901330E-01		
1.770300E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.1519073E-01
9.9867296E-01	9.9736392E-01	9.9905306E-01		
1.775300E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.1011009E-01
9.9852300E-01	9.9682790E-01	9.9874640E-01		
1.780300E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	8.0676067E-01
9.9836558E-01	9.9653006E-01	9.9874771E-01		
1.785300E+03	9.9990082E-01	0.0000000E+00	1.0944589E-06	8.0141824E-01
9.9870509E-01	9.9779254E-01	9.9933773E-01		
1.790312E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.9937136E-01
9.9900323E-01	9.9823356E-01	9.9941152E-01		
1.795348E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.9601139E-01
9.9896532E-01	9.9803418E-01	9.9933726E-01		
1.800348E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.9323637E-01
9.9891591E-01	9.9788928E-01	9.9928123E-01		
1.805392E+03	9.9990082E-01	0.0000000E+00	2.5282529E-07	7.9062814E-01
9.9898559E-01	9.9815685E-01	9.9940789E-01		
1.810392E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.8728020E-01
9.9900335E-01	9.9811172E-01	9.9935901E-01		
1.815392E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.8545272E-01
9.9898297E-01	9.9809217E-01	9.9937212E-01		
1.820392E+03	9.9990082E-01	0.0000000E+00	2.0560674E-07	7.8168958E-01
9.9900752E-01	9.9815094E-01	9.9939185E-01		
1.825392E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.7983522E-01
9.9899763E-01	9.9810308E-01	9.9935806E-01		
1.830440E+03	9.9990082E-01	0.0000000E+00	2.0731277E-07	7.7633548E-01
9.9897689E-01	9.9806398E-01	9.9936116E-01		
1.835440E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.7377921E-01
9.9898195E-01	9.9806505E-01	9.9934602E-01		
1.840440E+03	9.9990082E-01	1.4631179E-08	0.0000000E+00	7.7099997E-01
9.9895197E-01	9.9798173E-01	9.9931961E-01		

1.845440E+03	9.9990082E-01	0.0000000E+00	7.0820860E-08	7.6754105E-01
9.9894297E-01	9.9796456E-01	9.9931216E-01		
1.850440E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.6529652E-01
9.9893123E-01	9.9793947E-01	9.9930382E-01		
1.855440E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.6141506E-01
9.9892682E-01	9.9792743E-01	9.9929762E-01		
1.860440E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.5914401E-01
9.9891376E-01	9.9790108E-01	9.9928999E-01		
1.865440E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.5556320E-01
9.9892902E-01	9.9794465E-01	9.9930978E-01		
1.870459E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.5280440E-01
9.9892616E-01	9.9793637E-01	9.9930054E-01		
1.875459E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.4975717E-01
9.9891359E-01	9.9789464E-01	9.9928629E-01		
1.880459E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.4641597E-01
9.9891329E-01	9.9790514E-01	9.9929154E-01		
1.885502E+03	9.9990082E-01	1.2910641E-08	0.0000000E+00	7.4385875E-01
9.9890655E-01	9.9788111E-01	9.9927843E-01		
1.890502E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.4012822E-01
9.9890363E-01	9.9787825E-01	9.9928200E-01		
1.895548E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.3774391E-01
9.9890858E-01	9.9789667E-01	9.9928784E-01		
1.900587E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.3402953E-01
9.9891019E-01	9.9789327E-01	9.9928832E-01		
1.905594E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.3141390E-01
9.9893647E-01	9.9800396E-01	9.9934489E-01		
1.910599E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.2829270E-01
9.9895835E-01	9.9800640E-01	9.9932110E-01		
1.915604E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.2521985E-01
9.9891680E-01	9.9791110E-01	9.9929345E-01		
1.920619E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.2243261E-01
9.9892062E-01	9.9792260E-01	9.9929678E-01		
1.925623E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.1877629E-01
9.9890804E-01	9.9788243E-01	9.9928087E-01		
1.930635E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.1651357E-01
9.9890655E-01	9.9788570E-01	9.9928278E-01		
1.935664E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.1245992E-01
9.9889511E-01	9.9784642E-01	9.9926662E-01		
1.940709E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.1009701E-01
9.9889809E-01	9.9787533E-01	9.9927920E-01		
1.945709E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.0650464E-01
9.9889517E-01	9.9784988E-01	9.9926460E-01		
1.950755E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.0361471E-01
9.9888682E-01	9.9784708E-01	9.9927026E-01		
1.955762E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	7.0032912E-01
9.9888241E-01	9.9781346E-01	9.9925125E-01		
1.960784E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	6.9698542E-01
9.9888188E-01	9.9783695E-01	9.9927092E-01		
1.965832E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	6.9436407E-01
9.9888623E-01	9.9783063E-01	9.9925441E-01		
1.970878E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	6.9035703E-01
9.9887329E-01	9.9779814E-01	9.9924606E-01		
1.975889E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	6.8799806E-01
9.9887264E-01	9.9780649E-01	9.9924862E-01		
1.980934E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	6.8408018E-01
9.9886423E-01	9.9778861E-01	9.9924433E-01		

1.985934E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	6.8141794E-01
9.9878526E-01	9.9752820E-01	9.9906564E-01		
1.990934E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	6.7570728E-01
9.9824339E-01	9.9563408E-01	9.9800640E-01		
1.995934E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	6.7042041E-01
9.9800575E-01	9.9598402E-01	9.9864566E-01		
2.000034E+03	9.9990082E-01	0.0000000E+00	0.0000000E+00	6.6687393E-01
9.9837792E-01	9.9683011E-01	9.9891317E-01		

TIME (sec)	ALP992806	ALP992906	ALP993006	ALP993106
ALP993206	ALP993306	ALP993406		
1.000000E-10	1.0000000E+00	9.9997199E-01	1.0000000E+00	1.0000000E+00
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.003469E-01	9.9998301E-01	9.9998337E-01	1.0000000E+00	9.9999988E-01
9.9999958E-01	9.9999976E-01	1.0000000E+00		
2.016405E-01	9.9998635E-01	9.9998987E-01	9.9999970E-01	9.9999732E-01
9.9999636E-01	9.9999839E-01	1.0000000E+00		
3.143499E-01	9.9999094E-01	9.9999315E-01	9.9999720E-01	9.9998981E-01
9.9998999E-01	9.9999487E-01	1.0000000E+00		
4.176774E-01	9.9999231E-01	9.9999267E-01	9.9999130E-01	9.9997920E-01
9.9998164E-01	9.9998969E-01	1.0000000E+00		
5.179474E-01	9.9998969E-01	9.9998796E-01	9.9998105E-01	9.9996477E-01
9.9997050E-01	9.9998271E-01	1.0000000E+00		
6.236274E-01	9.9998188E-01	9.9997765E-01	9.9996412E-01	9.9994469E-01
9.9995548E-01	9.9997294E-01	1.0000000E+00		
7.657229E-01	9.9995911E-01	9.9995136E-01	9.9992925E-01	9.9991089E-01
9.9992990E-01	9.9995589E-01	1.0000000E+00		
8.878756E-01	9.9992746E-01	9.9991679E-01	9.9988890E-01	9.9987519E-01
9.9990302E-01	9.9993759E-01	1.0000000E+00		
9.933645E-01	9.9989140E-01	9.9987847E-01	9.9984598E-01	9.9983907E-01
9.9987662E-01	9.9991924E-01	1.0000000E+00		
1.524044E+00	9.9957490E-01	9.9954885E-01	9.9950230E-01	9.9957711E-01
9.9967986E-01	9.9978048E-01	1.0000000E+00		
2.030162E+00	9.9901551E-01	9.9897486E-01	9.9893045E-01	9.9910563E-01
9.9928457E-01	9.9949205E-01	1.0000000E+00		
2.550346E+00	9.9808019E-01	9.9798411E-01	9.9784905E-01	9.9811423E-01
9.9850690E-01	9.9893588E-01	1.0000000E+00		
3.062366E+00	9.9668211E-01	9.9652058E-01	9.9627274E-01	9.9680889E-01
9.9759668E-01	9.9830914E-01	1.0000000E+00		
3.562366E+00	9.9510878E-01	9.9487334E-01	9.9466270E-01	9.9575889E-01
9.9693924E-01	9.9779660E-01	1.0000000E+00		
4.082775E+00	9.9323583E-01	9.9334568E-01	9.9357742E-01	9.9521142E-01
9.9652582E-01	9.9744803E-01	1.0000000E+00		
4.604100E+00	9.9303997E-01	9.9321687E-01	9.9370676E-01	9.9542737E-01
9.9651879E-01	9.9734914E-01	1.0000000E+00		
5.125216E+00	9.9348980E-01	9.9371141E-01	9.9435860E-01	9.9595100E-01
9.9677396E-01	9.9743778E-01	1.0000000E+00		
5.625216E+00	9.9414825E-01	9.9436271E-01	9.9499083E-01	9.9644947E-01
9.9704432E-01	9.9760479E-01	1.0000000E+00		
6.125216E+00	9.9480087E-01	9.9494839E-01	9.9544519E-01	9.9668980E-01
9.9719375E-01	9.9774945E-01	1.0000000E+00		
6.625216E+00	9.9516016E-01	9.9527001E-01	9.9569571E-01	9.9673933E-01
9.9716824E-01	9.9780458E-01	1.0000000E+00		
7.125216E+00	9.9529797E-01	9.9535435E-01	9.9560839E-01	9.9626756E-01
9.9698502E-01	9.9776244E-01	1.0000000E+00		
7.625216E+00	9.9503309E-01	9.9503499E-01	9.9515480E-01	9.9581903E-01
9.9683160E-01	9.9767768E-01	1.0000000E+00		

8.125216E+00	9.9455935E-01	9.9461144E-01	9.9485576E-01	9.9590099E-01
9.9684507E-01	9.9765873E-01	1.0000000E+00		
8.625216E+00	9.9446577E-01	9.9459672E-01	9.9501103E-01	9.9622488E-01
9.9698251E-01	9.9772370E-01	1.0000000E+00		
9.146049E+00	9.9479526E-01	9.9492657E-01	9.9536109E-01	9.9651468E-01
9.9717635E-01	9.9785060E-01	1.0000000E+00		
9.646049E+00	9.9509025E-01	9.9521095E-01	9.9563491E-01	9.9682283E-01
9.9740010E-01	9.9800968E-01	1.0000000E+00		
1.014605E+01	9.9535596E-01	9.9548435E-01	9.9592370E-01	9.9711913E-01
9.9765348E-01	9.9818832E-01	1.0000000E+00		
1.064605E+01	9.9567437E-01	9.9579495E-01	9.9621415E-01	9.9735612E-01
9.9787486E-01	9.9836338E-01	1.0000000E+00		
1.114605E+01	9.9596304E-01	9.9607396E-01	9.9646890E-01	9.9757379E-01
9.9808884E-01	9.9852908E-01	1.0000000E+00		
1.164605E+01	9.9622154E-01	9.9633616E-01	9.9672979E-01	9.9780917E-01
9.9828434E-01	9.9868143E-01	1.0000000E+00		
1.214605E+01	9.9649346E-01	9.9661303E-01	9.9700522E-01	9.9803591E-01
9.9846327E-01	9.9881846E-01	1.0000000E+00		
1.264605E+01	9.9678171E-01	9.9690104E-01	9.9729133E-01	9.9825335E-01
9.9862707E-01	9.9894178E-01	1.0000000E+00		
1.314605E+01	9.9708533E-01	9.9719936E-01	9.9758160E-01	9.9845505E-01
9.9877691E-01	9.9905336E-01	1.0000000E+00		
1.364605E+01	9.9739563E-01	9.9750274E-01	9.9786127E-01	9.9863553E-01
9.9890989E-01	9.9915236E-01	1.0000000E+00		
1.414605E+01	9.9769372E-01	9.9778932E-01	9.9811250E-01	9.9878591E-01
9.9902052E-01	9.9923551E-01	1.0000000E+00		
1.464605E+01	9.9795854E-01	9.9803984E-01	9.9832153E-01	9.9889874E-01
9.9910742E-01	9.9930233E-01	1.0000000E+00		
1.514605E+01	9.9817383E-01	9.9824023E-01	9.9848187E-01	9.9898088E-01
9.9917632E-01	9.9935514E-01	1.0000000E+00		
1.564605E+01	9.9833381E-01	9.9838811E-01	9.9860191E-01	9.9904633E-01
9.9923265E-01	9.9939728E-01	1.0000000E+00		
1.614605E+01	9.9845618E-01	9.9850488E-01	9.9869579E-01	9.9909973E-01
9.9928021E-01	9.9943203E-01	1.0000000E+00		
1.664605E+01	9.9855882E-01	9.9859977E-01	9.9877286E-01	9.9914396E-01
9.9932408E-01	9.9946469E-01	1.0000000E+00		
1.714605E+01	9.9863893E-01	9.9867606E-01	9.9883831E-01	9.9919140E-01
9.9936867E-01	9.9949807E-01	1.0000000E+00		
1.764605E+01	9.9871475E-01	9.9874926E-01	9.9890447E-01	9.9924260E-01
9.9941152E-01	9.9953020E-01	1.0000000E+00		
1.814605E+01	9.9878830E-01	9.9882144E-01	9.9897021E-01	9.9929214E-01
9.9945128E-01	9.9956042E-01	1.0000000E+00		
1.864605E+01	9.9886090E-01	9.9889213E-01	9.9903321E-01	9.9933684E-01
9.9948740E-01	9.9958831E-01	1.0000000E+00		
1.914605E+01	9.9892759E-01	9.9895656E-01	9.9908924E-01	9.9937624E-01
9.9951982E-01	9.9961340E-01	1.0000000E+00		
1.964605E+01	9.9898571E-01	9.9901211E-01	9.9913687E-01	9.9940950E-01
9.9954885E-01	9.9963677E-01	1.0000000E+00		
2.014605E+01	9.9903089E-01	9.9905562E-01	9.9917477E-01	9.9943864E-01
9.9957550E-01	9.9965847E-01	1.0000000E+00		
2.064605E+01	9.9906391E-01	9.9908793E-01	9.9920452E-01	9.9946511E-01
9.9959946E-01	9.9967766E-01	1.0000000E+00		
2.114605E+01	9.9908686E-01	9.9911100E-01	9.9922711E-01	9.9948788E-01
9.9961948E-01	9.9969411E-01	1.0000000E+00		
2.164605E+01	9.9910009E-01	9.9912488E-01	9.9924254E-01	9.9950850E-01
9.9963796E-01	9.9970776E-01	1.0000000E+00		

2.214605E+01	9.9910676E-01	9.9913388E-01	9.9925733E-01	9.9953485E-01
9.9965298E-01	9.9971789E-01	1.0000000E+00		
2.266648E+01	9.9911630E-01	9.9914545E-01	9.9927294E-01	9.9955738E-01
9.9965894E-01	9.9972492E-01	1.0000000E+00		
2.318409E+01	9.9912453E-01	9.9915552E-01	9.9928647E-01	9.9957770E-01
9.9966210E-01	9.9972934E-01	1.0000000E+00		
2.368409E+01	9.9913877E-01	9.9916792E-01	9.9929577E-01	9.9957603E-01
9.9965829E-01	9.9973106E-01	1.0000000E+00		
2.418409E+01	9.9915069E-01	9.9917239E-01	9.9928808E-01	9.9954665E-01
9.9965525E-01	9.9973094E-01	1.0000000E+00		
2.468420E+01	9.9913681E-01	9.9915540E-01	9.9926841E-01	9.9953264E-01
9.9965084E-01	9.9972892E-01	1.0000000E+00		
2.518866E+01	9.9911153E-01	9.9913222E-01	9.9925095E-01	9.9952292E-01
9.9964428E-01	9.9972475E-01	1.0000000E+00		
2.570592E+01	9.9908382E-01	9.9910760E-01	9.9923480E-01	9.9951208E-01
9.9963707E-01	9.9971950E-01	1.0000000E+00		
2.622136E+01	9.9905825E-01	9.9908775E-01	9.9922693E-01	9.9950439E-01
9.9963194E-01	9.9971551E-01	1.0000000E+00		
2.673972E+01	9.9904090E-01	9.9907655E-01	9.9922895E-01	9.9950016E-01
9.9962914E-01	9.9971306E-01	1.0000000E+00		
2.724740E+01	9.9903077E-01	9.9907476E-01	9.9923909E-01	9.9949515E-01
9.9962533E-01	9.9971032E-01	1.0000000E+00		
2.776852E+01	9.9903238E-01	9.9907529E-01	9.9923509E-01	9.9948245E-01
9.9961942E-01	9.9970597E-01	1.0000000E+00		
2.828743E+01	9.9902171E-01	9.9906278E-01	9.9921268E-01	9.9946707E-01
9.9961281E-01	9.9970096E-01	1.0000000E+00		
2.878743E+01	9.9899757E-01	9.9903810E-01	9.9917966E-01	9.9945170E-01
9.9960464E-01	9.9969482E-01	1.0000000E+00		
2.928743E+01	9.9896628E-01	9.9901682E-01	9.9915189E-01	9.9943715E-01
9.9959582E-01	9.9968767E-01	1.0000000E+00		
2.978743E+01	9.9898177E-01	9.9902493E-01	9.9913234E-01	9.9942511E-01
9.9958837E-01	9.9968171E-01	1.0000000E+00		
3.028743E+01	9.9901772E-01	9.9901909E-01	9.9911779E-01	9.9941468E-01
9.9958140E-01	9.9967575E-01	1.0000000E+00		
3.078743E+01	9.9901444E-01	9.9900699E-01	9.9909675E-01	9.9940562E-01
9.9957454E-01	9.9966979E-01	1.0000000E+00		
3.128743E+01	9.9898952E-01	9.9898720E-01	9.9907720E-01	9.9939853E-01
9.9956763E-01	9.9966383E-01	1.0000000E+00		
3.178743E+01	9.9896556E-01	9.9896991E-01	9.9906313E-01	9.9939167E-01
9.9956006E-01	9.9965739E-01	1.0000000E+00		
3.228743E+01	9.9894869E-01	9.9895442E-01	9.9904984E-01	9.9938250E-01
9.9955106E-01	9.9965006E-01	1.0000000E+00		
3.278743E+01	9.9893337E-01	9.9893910E-01	9.9903536E-01	9.9937093E-01
9.9954063E-01	9.9964154E-01	1.0000000E+00		
3.328743E+01	9.9891585E-01	9.9892104E-01	9.9901801E-01	9.9935704E-01
9.9952871E-01	9.9963200E-01	1.0000000E+00		
3.378743E+01	9.9889600E-01	9.9890053E-01	9.9899894E-01	9.9934214E-01
9.9951577E-01	9.9962127E-01	1.0000000E+00		
3.428743E+01	9.9887514E-01	9.9887908E-01	9.9898005E-01	9.9932814E-01
9.9950296E-01	9.9961054E-01	1.0000000E+00		
3.478743E+01	9.9885529E-01	9.9885917E-01	9.9896437E-01	9.9931705E-01
9.9949121E-01	9.9960035E-01	1.0000000E+00		
3.528743E+01	9.9884021E-01	9.9884468E-01	9.9895406E-01	9.9930865E-01
9.9948066E-01	9.9959093E-01	1.0000000E+00		
3.578743E+01	9.9882925E-01	9.9883491E-01	9.9894726E-01	9.9929971E-01
9.9947101E-01	9.9958259E-01	1.0000000E+00		

3.628743E+01	9.9882054E-01	9.9882692E-01	9.9894005E-01	9.9928802E-01
9.9946117E-01	9.9957418E-01	1.0000000E+00		
3.678743E+01	9.9881107E-01	9.9881625E-01	9.9892747E-01	9.9927390E-01
9.9944955E-01	9.9956465E-01	1.0000000E+00		
3.728743E+01	9.9879432E-01	9.9879855E-01	9.9890852E-01	9.9925643E-01
9.9943578E-01	9.9955386E-01	1.0000000E+00		
3.778743E+01	9.9876910E-01	9.9877262E-01	9.9888194E-01	9.9923402E-01
9.9941826E-01	9.9954033E-01	1.0000000E+00		
3.830806E+01	9.9873275E-01	9.9873561E-01	9.9884534E-01	9.9920517E-01
9.9939615E-01	9.9952334E-01	1.0000000E+00		
3.880806E+01	9.9868852E-01	9.9869156E-01	9.9880332E-01	9.9917406E-01
9.9937254E-01	9.9950492E-01	1.0000000E+00		
3.930806E+01	9.9863851E-01	9.9864221E-01	9.9875748E-01	9.9914140E-01
9.9934787E-01	9.9948519E-01	1.0000000E+00		
3.983299E+01	9.9858338E-01	9.9858856E-01	9.9870867E-01	9.9910718E-01
9.9932218E-01	9.9946427E-01	1.0000000E+00		
4.034888E+01	9.9852973E-01	9.9853653E-01	9.9866134E-01	9.9907428E-01
9.9929750E-01	9.9944377E-01	1.0000000E+00		
4.086869E+01	9.9847901E-01	9.9848777E-01	9.9861825E-01	9.9904609E-01
9.9927604E-01	9.9942535E-01	1.0000000E+00		
4.137451E+01	9.9843693E-01	9.9844801E-01	9.9858350E-01	9.9902225E-01
9.9925798E-01	9.9940944E-01	1.0000000E+00		
4.188536E+01	9.9839872E-01	9.9841326E-01	9.9855208E-01	9.9899918E-01
9.9924099E-01	9.9939400E-01	1.0000000E+00		
4.239460E+01	9.9833882E-01	9.9838042E-01	9.9852276E-01	9.9897873E-01
9.9922669E-01	9.9937958E-01	1.0000000E+00		
4.290141E+01	9.9826354E-01	9.9835145E-01	9.9849945E-01	9.9896097E-01
9.9921298E-01	9.9936491E-01	1.0000000E+00		
4.340367E+01	9.9819517E-01	9.9832714E-01	9.9848050E-01	9.9894571E-01
9.9919826E-01	9.9934989E-01	1.0000000E+00		
4.391029E+01	9.9813420E-01	9.9827617E-01	9.9846327E-01	9.9893069E-01
9.9918288E-01	9.9933529E-01	1.0000000E+00		
4.442013E+01	9.9803102E-01	9.9816781E-01	9.9844688E-01	9.9891526E-01
9.9916726E-01	9.9932063E-01	1.0000000E+00		
4.493227E+01	9.9794060E-01	9.9807042E-01	9.9842966E-01	9.9889946E-01
9.9915183E-01	9.9930638E-01	1.0000000E+00		
4.543827E+01	9.9789339E-01	9.9801356E-01	9.9841064E-01	9.9888444E-01
9.9913704E-01	9.9929303E-01	1.0000000E+00		
4.593893E+01	9.9792606E-01	9.9803454E-01	9.9839038E-01	9.9887127E-01
9.9912411E-01	9.9928123E-01	1.0000000E+00		
4.644418E+01	9.9796903E-01	9.9804956E-01	9.9836844E-01	9.9886107E-01
9.9911273E-01	9.9927056E-01	1.0000000E+00		
4.695213E+01	9.9798894E-01	9.9804658E-01	9.9831390E-01	9.9885446E-01
9.9910229E-01	9.9926072E-01	1.0000000E+00		
4.745940E+01	9.9798316E-01	9.9800777E-01	9.9819994E-01	9.9885458E-01
9.9909312E-01	9.9925244E-01	1.0000000E+00		
4.797015E+01	9.9790496E-01	9.9792832E-01	9.9811924E-01	9.9886143E-01
9.9908501E-01	9.9924552E-01	1.0000000E+00		
4.847311E+01	9.9784493E-01	9.9789947E-01	9.9814564E-01	9.9886441E-01
9.9907786E-01	9.9923944E-01	1.0000000E+00		
4.898312E+01	9.9786901E-01	9.9792987E-01	9.9818796E-01	9.9886155E-01
9.9907196E-01	9.9923390E-01	1.0000000E+00		
4.948804E+01	9.9789822E-01	9.9795538E-01	9.9820578E-01	9.9885678E-01
9.9906719E-01	9.9922901E-01	1.0000000E+00		
4.999225E+01	9.9791008E-01	9.9796456E-01	9.9820781E-01	9.9885023E-01
9.9906230E-01	9.9922436E-01	1.0000000E+00		

5.049424E+01	9.9791163E-01	9.9796438E-01	9.9820328E-01	9.9884355E-01
9.9905831E-01	9.9922055E-01	1.0000000E+00		
5.099622E+01	9.9790907E-01	9.9796069E-01	9.9819726E-01	9.9883842E-01
9.9905586E-01	9.9921811E-01	1.0000000E+00		
5.149626E+01	9.9790490E-01	9.9795592E-01	9.9819189E-01	9.9883515E-01
9.9905473E-01	9.9921668E-01	1.0000000E+00		
5.199947E+01	9.9790186E-01	9.9795282E-01	9.9818927E-01	9.9883533E-01
9.9905550E-01	9.9921685E-01	1.0000000E+00		
5.250106E+01	9.9790239E-01	9.9795359E-01	9.9819082E-01	9.9883801E-01
9.9905747E-01	9.9921793E-01	1.0000000E+00		
5.300600E+01	9.9790704E-01	9.9795836E-01	9.9819636E-01	9.9884373E-01
9.9906152E-01	9.9922061E-01	1.0000000E+00		
5.351564E+01	9.9791616E-01	9.9796754E-01	9.9820566E-01	9.9885112E-01
9.9906665E-01	9.9922419E-01	1.0000000E+00		
5.402672E+01	9.9792910E-01	9.9798042E-01	9.9821806E-01	9.9886054E-01
9.9907327E-01	9.9922913E-01	1.0000000E+00		
5.452872E+01	9.9794549E-01	9.9799621E-01	9.9823189E-01	9.9886972E-01
9.9908036E-01	9.9923456E-01	1.0000000E+00		
5.503849E+01	9.9796307E-01	9.9801320E-01	9.9824673E-01	9.9888057E-01
9.9908882E-01	9.9924123E-01	1.0000000E+00		
5.554660E+01	9.9798232E-01	9.9803168E-01	9.9826252E-01	9.9889123E-01
9.9909776E-01	9.9924833E-01	1.0000000E+00		
5.606082E+01	9.9800235E-01	9.9805069E-01	9.9827838E-01	9.9890143E-01
9.9910671E-01	9.9925548E-01	1.0000000E+00		
5.657179E+01	9.9802107E-01	9.9806839E-01	9.9829298E-01	9.9891031E-01
9.9911523E-01	9.9926251E-01	1.0000000E+00		
5.707279E+01	9.9803764E-01	9.9808389E-01	9.9830538E-01	9.9891883E-01
9.9912339E-01	9.9926925E-01	1.0000000E+00		
5.758298E+01	9.9805319E-01	9.9809879E-01	9.9831790E-01	9.9892825E-01
9.9913174E-01	9.9927604E-01	1.0000000E+00		
5.810007E+01	9.9806952E-01	9.9811459E-01	9.9833149E-01	9.9893874E-01
9.9914044E-01	9.9928284E-01	1.0000000E+00		
5.860656E+01	9.9808669E-01	9.9813116E-01	9.9834621E-01	9.9895018E-01
9.9914920E-01	9.9928969E-01	1.0000000E+00		
5.912025E+01	9.9810559E-01	9.9814975E-01	9.9836326E-01	9.9896348E-01
9.9915904E-01	9.9929732E-01	1.0000000E+00		
5.962025E+01	9.9812621E-01	9.9817002E-01	9.9838179E-01	9.9897707E-01
9.9916869E-01	9.9930477E-01	1.0000000E+00		
6.012025E+01	9.9814826E-01	9.9819177E-01	9.9840194E-01	9.9899220E-01
9.9917930E-01	9.9931306E-01	1.0000000E+00		
6.062025E+01	9.9817282E-01	9.9821615E-01	9.9842441E-01	9.9900824E-01
9.9919033E-01	9.9932164E-01	1.0000000E+00		
6.112025E+01	9.9820006E-01	9.9824232E-01	9.9844718E-01	9.9902314E-01
9.9920189E-01	9.9933076E-01	1.0000000E+00		
6.162025E+01	9.9822718E-01	9.9826890E-01	9.9847126E-01	9.9903977E-01
9.9921453E-01	9.9934065E-01	1.0000000E+00		
6.212025E+01	9.9825585E-01	9.9829698E-01	9.9849689E-01	9.9905765E-01
9.9922842E-01	9.9935144E-01	1.0000000E+00		
6.262025E+01	9.9828613E-01	9.9832678E-01	9.9852419E-01	9.9907672E-01
9.9924344E-01	9.9936348E-01	1.0000000E+00		
6.312025E+01	9.9831814E-01	9.9835831E-01	9.9855322E-01	9.9909657E-01
9.9925905E-01	9.9937606E-01	1.0000000E+00		
6.362025E+01	9.9835181E-01	9.9839139E-01	9.9858373E-01	9.9911737E-01
9.9927545E-01	9.9938923E-01	1.0000000E+00		
6.412025E+01	9.9838674E-01	9.9842572E-01	9.9861515E-01	9.9913836E-01
9.9929243E-01	9.9940312E-01	1.0000000E+00		

6.462025E+01	9.9842268E-01	9.9846107E-01	9.9864781E-01	9.9916029E-01
9.9931020E-01	9.9941748E-01	1.0000000E+00		
6.514344E+01	9.9846154E-01	9.9849933E-01	9.9868327E-01	9.9918371E-01
9.9932897E-01	9.9943280E-01	1.0000000E+00		
6.566270E+01	9.9850214E-01	9.9853933E-01	9.9872011E-01	9.9920803E-01
9.9934876E-01	9.9944896E-01	1.0000000E+00		
6.618295E+01	9.9854487E-01	9.9858117E-01	9.9875867E-01	9.9923307E-01
9.9936891E-01	9.9946523E-01	1.0000000E+00		
6.668818E+01	9.9858779E-01	9.9862355E-01	9.9879783E-01	9.9925864E-01
9.9938941E-01	9.9948210E-01	1.0000000E+00		
6.719306E+01	9.9863338E-01	9.9866807E-01	9.9883813E-01	9.9928337E-01
9.9941015E-01	9.9949908E-01	1.0000000E+00		
6.770707E+01	9.9867994E-01	9.9871349E-01	9.9887937E-01	9.9930894E-01
9.9943125E-01	9.9951649E-01	1.0000000E+00		
6.821601E+01	9.9872583E-01	9.9875844E-01	9.9891961E-01	9.9933332E-01
9.9945182E-01	9.9953359E-01	1.0000000E+00		
6.872067E+01	9.9877012E-01	9.9880147E-01	9.9895793E-01	9.9935585E-01
9.9947166E-01	9.9955040E-01	1.0000000E+00		
6.922510E+01	9.9881220E-01	9.9884236E-01	9.9899447E-01	9.9937737E-01
9.9949092E-01	9.9956644E-01	1.0000000E+00		
6.973701E+01	9.9885303E-01	9.9888235E-01	9.9903017E-01	9.9939996E-01
9.9951059E-01	9.9958271E-01	1.0000000E+00		
7.023885E+01	9.9889421E-01	9.9892324E-01	9.9906951E-01	9.9942708E-01
9.9953282E-01	9.9960017E-01	1.0000000E+00		
7.074079E+01	9.9894214E-01	9.9897140E-01	9.9911660E-01	9.9945873E-01
9.9955714E-01	9.9961931E-01	1.0000000E+00		
7.124079E+01	9.9899817E-01	9.9902767E-01	9.9916977E-01	9.9949574E-01
9.9958241E-01	9.9963957E-01	1.0000000E+00		
7.175066E+01	9.9906164E-01	9.9909085E-01	9.9922854E-01	9.9953294E-01
9.9960840E-01	9.9966097E-01	1.0000000E+00		
7.227091E+01	9.9912715E-01	9.9915528E-01	9.9928606E-01	9.9956656E-01
9.9963248E-01	9.9968147E-01	1.0000000E+00		
7.277091E+01	9.9918461E-01	9.9921113E-01	9.9933404E-01	9.9959159E-01
9.9965256E-01	9.9969929E-01	1.0000000E+00		
7.327091E+01	9.9923223E-01	9.9925697E-01	9.9937230E-01	9.9961108E-01
9.9967033E-01	9.9971491E-01	1.0000000E+00		
7.377091E+01	9.9927169E-01	9.9929553E-01	9.9940610E-01	9.9962991E-01
9.9968725E-01	9.9972928E-01	1.0000000E+00		
7.427091E+01	9.9930817E-01	9.9933153E-01	9.9943769E-01	9.9964380E-01
9.9970049E-01	9.9974179E-01	1.0000000E+00		
7.478299E+01	9.9934047E-01	9.9936080E-01	9.9945199E-01	9.9965250E-01
9.9970686E-01	9.9974817E-01	9.9999964E-01		
7.528299E+01	9.9934435E-01	9.9936205E-01	9.9944896E-01	9.9964309E-01
9.9969685E-01	9.9974680E-01	9.9999964E-01		
7.578299E+01	9.9931985E-01	9.9933732E-01	9.9942464E-01	9.9961054E-01
9.9968624E-01	9.9974066E-01	9.9999964E-01		
7.628299E+01	9.9927515E-01	9.9929285E-01	9.9938524E-01	9.9957484E-01
9.9966890E-01	9.9973124E-01	9.9999964E-01		
7.678299E+01	9.9921650E-01	9.9924374E-01	9.9934721E-01	9.9954957E-01
9.9965185E-01	9.9971974E-01	9.9999964E-01		
7.728299E+01	9.9915934E-01	9.9919629E-01	9.9932033E-01	9.9952519E-01
9.9963456E-01	9.9970764E-01	9.9999964E-01		
7.778299E+01	9.9910891E-01	9.9914950E-01	9.9928796E-01	9.9949569E-01
9.9961793E-01	9.9969572E-01	9.9999964E-01		
7.830791E+01	9.9906886E-01	9.9910676E-01	9.9923354E-01	9.9945611E-01
9.9959928E-01	9.9968320E-01	9.9999964E-01		

7.880791E+01	9.9901968E-01	9.9906164E-01	9.9918032E-01	9.9942154E-01
9.9958050E-01	9.9967128E-01	9.9999964E-01		
7.930791E+01	9.9900061E-01	9.9904752E-01	9.9913698E-01	9.9939120E-01
9.9956262E-01	9.9965936E-01	9.9999964E-01		
7.980791E+01	9.9903780E-01	9.9902338E-01	9.9909103E-01	9.9936193E-01
9.9954480E-01	9.9964744E-01	9.9999964E-01		
8.030791E+01	9.9900776E-01	9.9897999E-01	9.9903530E-01	9.9933517E-01
9.9952781E-01	9.9963623E-01	9.9999964E-01		
8.080791E+01	9.9894232E-01	9.9892980E-01	9.9898142E-01	9.9930733E-01
9.9951059E-01	9.9962550E-01	9.9999964E-01		
8.130791E+01	9.9887991E-01	9.9887580E-01	9.9893701E-01	9.9928606E-01
9.9949604E-01	9.9961478E-01	9.9999964E-01		
8.180791E+01	9.9883223E-01	9.9883294E-01	9.9890298E-01	9.9926823E-01
9.9948281E-01	9.9960405E-01	9.9999964E-01		
8.230791E+01	9.9879992E-01	9.9880177E-01	9.9887586E-01	9.9925274E-01
9.9947083E-01	9.9959332E-01	9.9999964E-01		
8.280791E+01	9.9877399E-01	9.9877697E-01	9.9885571E-01	9.9924165E-01
9.9946034E-01	9.9958259E-01	9.9999964E-01		
8.330791E+01	9.9875391E-01	9.9875635E-01	9.9884146E-01	9.9923331E-01
9.9945080E-01	9.9957186E-01	9.9999964E-01		
8.380791E+01	9.9873793E-01	9.9873990E-01	9.9883205E-01	9.9922746E-01
9.9944222E-01	9.9956113E-01	9.9999964E-01		
8.430791E+01	9.9872667E-01	9.9872792E-01	9.9882686E-01	9.9922377E-01
9.9943423E-01	9.9955040E-01	9.9999964E-01		
8.483009E+01	9.9871963E-01	9.9872047E-01	9.9882609E-01	9.9922132E-01
9.9942338E-01	9.9953926E-01	9.9999964E-01		
8.533189E+01	9.9871713E-01	9.9871743E-01	9.9882746E-01	9.9921793E-01
9.9941206E-01	9.9952865E-01	9.9999964E-01		
8.583189E+01	9.9871492E-01	9.9871576E-01	9.9882978E-01	9.9921489E-01
9.9940175E-01	9.9951911E-01	9.9999964E-01		
8.634407E+01	9.9871147E-01	9.9871469E-01	9.9883223E-01	9.9921137E-01
9.9939132E-01	9.9950957E-01	9.9999964E-01		
8.686680E+01	9.9871784E-01	9.9872756E-01	9.9883348E-01	9.9920273E-01
9.9938118E-01	9.9950141E-01	9.9999964E-01		
8.738983E+01	9.9871123E-01	9.9871594E-01	9.9882853E-01	9.9919635E-01
9.9937683E-01	9.9949497E-01	9.9999964E-01		
8.789572E+01	9.9870932E-01	9.9871522E-01	9.9882334E-01	9.9918950E-01
9.9937153E-01	9.9949014E-01	9.9999964E-01		
8.841684E+01	9.9869537E-01	9.9870175E-01	9.9881864E-01	9.9918729E-01
9.9936867E-01	9.9948621E-01	9.9999964E-01		
8.892328E+01	9.9868983E-01	9.9869698E-01	9.9881613E-01	9.9918622E-01
9.9936813E-01	9.9948430E-01	9.9999964E-01		
8.943372E+01	9.9868971E-01	9.9869788E-01	9.9881935E-01	9.9919039E-01
9.9937075E-01	9.9948484E-01	9.9999964E-01		
8.995622E+01	9.9869645E-01	9.9870461E-01	9.9882585E-01	9.9919403E-01
9.9937332E-01	9.9948609E-01	9.9999964E-01		
9.045622E+01	9.9870276E-01	9.9871039E-01	9.9883068E-01	9.9919635E-01
9.9937487E-01	9.9948728E-01	9.9999964E-01		
9.096755E+01	9.9870718E-01	9.9871439E-01	9.9883395E-01	9.9919856E-01
9.9937642E-01	9.9948859E-01	9.9999964E-01		
9.146755E+01	9.9871004E-01	9.9871677E-01	9.9883640E-01	9.9920070E-01
9.9937785E-01	9.9948978E-01	9.9999964E-01		
9.196755E+01	9.9871331E-01	9.9871975E-01	9.9883944E-01	9.9920303E-01
9.9937940E-01	9.9949098E-01	9.9999964E-01		
9.248622E+01	9.9872547E-01	9.9873501E-01	9.9884307E-01	9.9920660E-01
9.9938399E-01	9.9949330E-01	9.9999964E-01		

9.299437E+01	9.9872994E-01	9.9873644E-01	9.9885017E-01	9.9921203E-01
9.9938619E-01	9.9949569E-01	9.9999964E-01		
9.350123E+01	9.9873859E-01	9.9874395E-01	9.9885702E-01	9.9921668E-01
9.9938941E-01	9.9949825E-01	9.9999964E-01		
9.401919E+01	9.9874544E-01	9.9875039E-01	9.9886411E-01	9.9922144E-01
9.9939269E-01	9.9950117E-01	9.9999964E-01		
9.453943E+01	9.9874985E-01	9.9875510E-01	9.9887174E-01	9.9922734E-01
9.9939704E-01	9.9950486E-01	9.9999964E-01		
9.504118E+01	9.9875849E-01	9.9876374E-01	9.9888080E-01	9.9923426E-01
9.9940157E-01	9.9950838E-01	9.9999964E-01		
9.554896E+01	9.9876964E-01	9.9877465E-01	9.9889117E-01	9.9924165E-01
9.9940705E-01	9.9951285E-01	9.9999964E-01		
9.604896E+01	9.9878156E-01	9.9878639E-01	9.9890190E-01	9.9924940E-01
9.9941289E-01	9.9951762E-01	9.9999964E-01		
9.654896E+01	9.9879360E-01	9.9879813E-01	9.9891263E-01	9.9925715E-01
9.9941862E-01	9.9952227E-01	9.9999964E-01		
9.706335E+01	9.9880594E-01	9.9880993E-01	9.9892324E-01	9.9926418E-01
9.9942350E-01	9.9952632E-01	9.9999964E-01		
9.758144E+01	9.9881715E-01	9.9882078E-01	9.9893290E-01	9.9927050E-01
9.9942815E-01	9.9953020E-01	9.9999964E-01		
9.808710E+01	9.9882692E-01	9.9883020E-01	9.9894124E-01	9.9927598E-01
9.9943233E-01	9.9953383E-01	9.9999964E-01		
9.859486E+01	9.9883574E-01	9.9883884E-01	9.9894875E-01	9.9928075E-01
9.9943614E-01	9.9953729E-01	9.9999964E-01		
9.910259E+01	9.9884599E-01	9.9885178E-01	9.9895513E-01	9.9928498E-01
9.9943954E-01	9.9954033E-01	9.9999964E-01		
9.960883E+01	9.9885660E-01	9.9885869E-01	9.9896133E-01	9.9928957E-01
9.9944389E-01	9.9954331E-01	9.9999964E-01		
1.050470E+02	9.9884218E-01	9.9885333E-01	9.9895585E-01	9.9928933E-01
9.9944317E-01	9.9954420E-01	9.9999976E-01		
1.100490E+02	9.9880725E-01	9.9881369E-01	9.9892300E-01	9.9927729E-01
9.9943340E-01	9.9953401E-01	9.9999976E-01		
1.150536E+02	9.9885786E-01	9.9886215E-01	9.9896377E-01	9.9930173E-01
9.9945188E-01	9.9954796E-01	9.9999982E-01		
1.200844E+02	9.9890518E-01	9.9891227E-01	9.9901217E-01	9.9933648E-01
9.9947727E-01	9.9956805E-01	9.9999982E-01		
1.251066E+02	9.9893469E-01	9.9895787E-01	9.9905837E-01	9.9936146E-01
9.9949968E-01	9.9958754E-01	9.9999982E-01		
1.301141E+02	9.9889117E-01	9.9894047E-01	9.9904293E-01	9.9936515E-01
9.9950069E-01	9.9958801E-01	9.9999982E-01		
1.351283E+02	9.9893397E-01	9.9897039E-01	9.9906117E-01	9.9937874E-01
9.9951941E-01	9.9960363E-01	9.9999982E-01		
1.401329E+02	9.9893570E-01	9.9896091E-01	9.9906546E-01	9.9938518E-01
9.9952596E-01	9.9960870E-01	9.9999982E-01		
1.451352E+02	9.9895966E-01	9.9898529E-01	9.9908710E-01	9.9939865E-01
9.9953449E-01	9.9961507E-01	9.9999982E-01		
1.501399E+02	9.9899834E-01	9.9902499E-01	9.9912483E-01	9.9942422E-01
9.9955094E-01	9.9962807E-01	9.9999982E-01		
1.551709E+02	9.9905998E-01	9.9908471E-01	9.9918163E-01	9.9946225E-01
9.9957854E-01	9.9965030E-01	9.9999982E-01		
1.602165E+02	9.9910104E-01	9.9912226E-01	9.9921477E-01	9.9948651E-01
9.9960130E-01	9.9966908E-01	9.9999982E-01		
1.652350E+02	9.9914044E-01	9.9915946E-01	9.9924707E-01	9.9950826E-01
9.9961960E-01	9.9968410E-01	9.9999982E-01		
1.702598E+02	9.9916935E-01	9.9918717E-01	9.9927104E-01	9.9952334E-01
9.9963135E-01	9.9969381E-01	9.9999982E-01		

1.752735E+02	9.9921644E-01	9.9923760E-01	9.9931842E-01	9.9955440E-01
9.9964857E-01	9.9970734E-01	9.9999982E-01		
1.802951E+02	9.9924171E-01	9.9925911E-01	9.9933815E-01	9.9956656E-01
9.9966055E-01	9.9971694E-01	9.9999982E-01		
1.853119E+02	9.9927211E-01	9.9928868E-01	9.9936783E-01	9.9958777E-01
9.9967664E-01	9.9973011E-01	9.9999982E-01		
1.903279E+02	9.9931633E-01	9.9932981E-01	9.9939901E-01	9.9960625E-01
9.9969369E-01	9.9974430E-01	9.9999982E-01		
1.953564E+02	9.9933541E-01	9.9934912E-01	9.9941647E-01	9.9961787E-01
9.9970168E-01	9.9975079E-01	9.9999982E-01		
2.003570E+02	9.9935287E-01	9.9936622E-01	9.9943149E-01	9.9962687E-01
9.9970812E-01	9.9975592E-01	9.9999982E-01		
2.053755E+02	9.9936467E-01	9.9937803E-01	9.9944293E-01	9.9963295E-01
9.9971205E-01	9.9975920E-01	9.9999982E-01		
2.104183E+02	9.9936312E-01	9.9937731E-01	9.9944592E-01	9.9963731E-01
9.9971431E-01	9.9976099E-01	9.9999982E-01		
2.154335E+02	9.9936372E-01	9.9937594E-01	9.9944031E-01	9.9963242E-01
9.9971408E-01	9.9976104E-01	9.9999982E-01		
2.204606E+02	9.9936938E-01	9.9938232E-01	9.9944526E-01	9.9963474E-01
9.9971455E-01	9.9976104E-01	9.9999982E-01		
2.254792E+02	9.9936897E-01	9.9938208E-01	9.9944556E-01	9.9963552E-01
9.9971467E-01	9.9976104E-01	9.9999982E-01		
2.304864E+02	9.9937016E-01	9.9938297E-01	9.9944621E-01	9.9963576E-01
9.9971426E-01	9.9976063E-01	9.9999982E-01		
2.354968E+02	9.9937016E-01	9.9938226E-01	9.9944693E-01	9.9963582E-01
9.9971491E-01	9.9976110E-01	9.9999982E-01		
2.404991E+02	9.9938434E-01	9.9939799E-01	9.9946189E-01	9.9964589E-01
9.9971974E-01	9.9976450E-01	9.9999982E-01		
2.455048E+02	9.9939173E-01	9.9940455E-01	9.9946672E-01	9.9965000E-01
9.9972409E-01	9.9976784E-01	9.9999982E-01		
2.505233E+02	9.9941027E-01	9.9942374E-01	9.9948412E-01	9.9966156E-01
9.9973017E-01	9.9977273E-01	9.9999982E-01		
2.555298E+02	9.9942631E-01	9.9943841E-01	9.9949753E-01	9.9967086E-01
9.9973786E-01	9.9977893E-01	9.9999982E-01		
2.605788E+02	9.9943894E-01	9.9945080E-01	9.9951053E-01	9.9968052E-01
9.9974447E-01	9.9978441E-01	9.9999982E-01		
2.656043E+02	9.9945360E-01	9.9946624E-01	9.9952608E-01	9.9969119E-01
9.9975145E-01	9.9979001E-01	9.9999982E-01		
2.706539E+02	9.9948281E-01	9.9949688E-01	9.9955225E-01	9.9970651E-01
9.9976307E-01	9.9979955E-01	9.9999982E-01		
2.756957E+02	9.9950540E-01	9.9951756E-01	9.9957240E-01	9.9972457E-01
9.9977785E-01	9.9981225E-01	9.9999982E-01		
2.807159E+02	9.9952352E-01	9.9953490E-01	9.9958849E-01	9.9973601E-01
9.9978739E-01	9.9982023E-01	9.9999982E-01		
2.857581E+02	9.9953920E-01	9.9955177E-01	9.9960417E-01	9.9974602E-01
9.9979615E-01	9.9982810E-01	9.9999982E-01		
2.907736E+02	9.9958676E-01	9.9960017E-01	9.9964821E-01	9.9976689E-01
9.9981338E-01	9.9983943E-01	9.9999982E-01		
2.957799E+02	9.9959826E-01	9.9961156E-01	9.9965960E-01	9.9978018E-01
9.9982482E-01	9.9985069E-01	9.9999982E-01		
3.007857E+02	9.9960864E-01	9.9962121E-01	9.9966842E-01	9.9978882E-01
9.9983186E-01	9.9985754E-01	9.9999982E-01		
3.058138E+02	9.9960643E-01	9.9961746E-01	9.9966574E-01	9.9978799E-01
9.9983239E-01	9.9985856E-01	9.9999982E-01		
3.108138E+02	9.9965394E-01	9.9966705E-01	9.9970865E-01	9.9981141E-01
9.9984998E-01	9.9987125E-01	9.9999982E-01		

3.158304E+02	9.9967134E-01	9.9968427E-01	9.9972564E-01	9.9982572E-01
9.9986190E-01	9.9988186E-01	9.9999982E-01		
3.208480E+02	9.9970317E-01	9.9971956E-01	9.9975663E-01	9.9985075E-01
9.9986815E-01	9.9988669E-01	9.9999982E-01		
3.258746E+02	9.9970001E-01	9.9971503E-01	9.9975675E-01	9.9984938E-01
9.9988157E-01	9.9989837E-01	9.9999982E-01		
3.308900E+02	9.9971467E-01	9.9972743E-01	9.9976707E-01	9.9985647E-01
9.9988687E-01	9.9990356E-01	9.9999982E-01		
3.358961E+02	9.9976146E-01	9.9977481E-01	9.9980319E-01	9.9987710E-01
9.9989182E-01	9.9990708E-01	9.9999982E-01		
3.409074E+02	9.9978930E-01	9.9980110E-01	9.9982738E-01	9.9989420E-01
9.9990594E-01	9.9991941E-01	9.9999982E-01		
3.459233E+02	9.9977821E-01	9.9979192E-01	9.9982512E-01	9.9989319E-01
9.9991643E-01	9.9992913E-01	9.9999982E-01		
3.509260E+02	9.9975681E-01	9.9977100E-01	9.9980867E-01	9.9988973E-01
9.9991477E-01	9.9992919E-01	9.9999982E-01		
3.559283E+02	9.9973267E-01	9.9974602E-01	9.9978620E-01	9.9987733E-01
9.9990708E-01	9.9992317E-01	9.9999982E-01		
3.609366E+02	9.9971551E-01	9.9972767E-01	9.9976879E-01	9.9986637E-01
9.9989927E-01	9.9991673E-01	9.9999982E-01		
3.659482E+02	9.9969447E-01	9.9970502E-01	9.9974787E-01	9.9985176E-01
9.9988800E-01	9.9990690E-01	9.9999982E-01		
3.709486E+02	9.9970067E-01	9.9971586E-01	9.9975526E-01	9.9984854E-01
9.9988276E-01	9.9990040E-01	9.9999982E-01		
3.759580E+02	9.9971575E-01	9.9973220E-01	9.9976635E-01	9.9985218E-01
9.9988401E-01	9.9990040E-01	9.9999982E-01		
3.809612E+02	9.9974257E-01	9.9975717E-01	9.9979079E-01	9.9987370E-01
9.9988806E-01	9.9990416E-01	9.9999982E-01		
3.859788E+02	9.9971277E-01	9.9972785E-01	9.9977028E-01	9.9986547E-01
9.9989504E-01	9.9991238E-01	9.9999982E-01		
3.910090E+02	9.9970603E-01	9.9971968E-01	9.9976325E-01	9.9986148E-01
9.9989301E-01	9.9991107E-01	9.9999982E-01		
3.960181E+02	9.9974084E-01	9.9975228E-01	9.9978721E-01	9.9986428E-01
9.9989283E-01	9.9990833E-01	9.9999982E-01		
4.010229E+02	9.9970818E-01	9.9972093E-01	9.9976170E-01	9.9985582E-01
9.9988753E-01	9.9990511E-01	9.9999982E-01		
4.060714E+02	9.9966472E-01	9.9967456E-01	9.9971896E-01	9.9983311E-01
9.9987787E-01	9.9989814E-01	9.9999982E-01		
4.111179E+02	9.9969202E-01	9.9970335E-01	9.9974674E-01	9.9984932E-01
9.9988145E-01	9.9989986E-01	9.9999982E-01		
4.161518E+02	9.9974549E-01	9.9975485E-01	9.9978918E-01	9.9986619E-01
9.9989462E-01	9.9990916E-01	9.9999982E-01		
4.211620E+02	9.9974775E-01	9.9975723E-01	9.9978787E-01	9.9986553E-01
9.9989647E-01	9.9991238E-01	9.9999982E-01		
4.261913E+02	9.9974144E-01	9.9975270E-01	9.9978667E-01	9.9986786E-01
9.9989694E-01	9.9991214E-01	9.9999982E-01		
4.311930E+02	9.9975026E-01	9.9976015E-01	9.9979299E-01	9.9987048E-01
9.9989986E-01	9.9991620E-01	9.9999982E-01		
4.361968E+02	9.9975961E-01	9.9977082E-01	9.9980533E-01	9.9987876E-01
9.9990392E-01	9.9991655E-01	9.9999982E-01		
4.412443E+02	9.9982166E-01	9.9983132E-01	9.9985445E-01	9.9990875E-01
9.9992800E-01	9.9993831E-01	9.9999982E-01		
4.462449E+02	9.9980068E-01	9.9981058E-01	9.9984187E-01	9.9990910E-01
9.9993014E-01	9.9994105E-01	9.9999982E-01		
4.512502E+02	9.9952835E-01	9.9953747E-01	9.9959177E-01	9.9975145E-01
9.9982709E-01	9.9986279E-01	9.9999982E-01		

4.562851E+02	9.9931192E-01	9.9933714E-01	9.9942958E-01	9.9965817E-01
9.9973202E-01	9.9977696E-01	9.9999982E-01		
4.613121E+02	9.9938148E-01	9.9939311E-01	9.9946260E-01	9.9965763E-01
9.9973530E-01	9.9977636E-01	9.9999982E-01		
4.663397E+02	9.9958533E-01	9.9959606E-01	9.9964106E-01	9.9975979E-01
9.9980450E-01	9.9983126E-01	9.9999982E-01		
4.713776E+02	9.9964142E-01	9.9965584E-01	9.9970555E-01	9.9981683E-01
9.9985099E-01	9.9986899E-01	9.9999982E-01		
4.763856E+02	9.9966109E-01	9.9966902E-01	9.9971426E-01	9.9982774E-01
9.9986923E-01	9.9988902E-01	9.9999982E-01		
4.814128E+02	9.9956071E-01	9.9956250E-01	9.9960518E-01	9.9974597E-01
9.9981761E-01	9.9985385E-01	9.9999982E-01		
4.864223E+02	9.9927735E-01	9.9929762E-01	9.9938738E-01	9.9962455E-01
9.9971241E-01	9.9976093E-01	9.9999982E-01		
4.914722E+02	9.9915361E-01	9.9916214E-01	9.9924904E-01	9.9951911E-01
9.9965495E-01	9.9971843E-01	9.9999982E-01		
4.964919E+02	9.9918580E-01	9.9920040E-01	9.9928415E-01	9.9952883E-01
9.9963284E-01	9.9969268E-01	9.9999982E-01		
5.015259E+02	9.9914265E-01	9.9917102E-01	9.9926615E-01	9.9951690E-01
9.9961370E-01	9.9967456E-01	9.9999982E-01		
5.065450E+02	9.9896955E-01	9.9898976E-01	9.9910444E-01	9.9943751E-01
9.9959874E-01	9.9967062E-01	9.9999982E-01		
5.115457E+02	9.9904215E-01	9.9904388E-01	9.9912786E-01	9.9941468E-01
9.9957842E-01	9.9966174E-01	9.9999982E-01		
5.165457E+02	9.9916977E-01	9.9920011E-01	9.9928093E-01	9.9950629E-01
9.9960428E-01	9.9966133E-01	9.9999982E-01		
5.215463E+02	9.9902397E-01	9.9906403E-01	9.9918717E-01	9.9949789E-01
9.9960691E-01	9.9967068E-01	9.9999982E-01		
5.265685E+02	9.9885088E-01	9.9882489E-01	9.9891669E-01	9.9927461E-01
9.9948615E-01	9.9961686E-01	9.9999982E-01		
5.316183E+02	9.9895287E-01	9.9896145E-01	9.9906415E-01	9.9937391E-01
9.9954176E-01	9.9963444E-01	9.9999982E-01		
5.366320E+02	9.9871373E-01	9.9866205E-01	9.9874520E-01	9.9913776E-01
9.9938339E-01	9.9954772E-01	9.9999982E-01		
5.416345E+02	9.9886382E-01	9.9880540E-01	9.9885976E-01	9.9919122E-01
9.9938834E-01	9.9954218E-01	9.9999982E-01		
5.466345E+02	9.9890381E-01	9.9891394E-01	9.9902904E-01	9.9935973E-01
9.9953109E-01	9.9962217E-01	9.9999982E-01		
5.516580E+02	9.9902880E-01	9.9898499E-01	9.9904740E-01	9.9932677E-01
9.9949771E-01	9.9961442E-01	9.9999982E-01		
5.566583E+02	9.9873930E-01	9.9868119E-01	9.9876702E-01	9.9916327E-01
9.9941331E-01	9.9956369E-01	9.9999982E-01		
5.616711E+02	9.9899548E-01	9.9891138E-01	9.9893320E-01	9.9925119E-01
9.9940825E-01	9.9954599E-01	9.9999982E-01		
5.666711E+02	9.9887204E-01	9.9879593E-01	9.9885690E-01	9.9926621E-01
9.9945807E-01	9.9958575E-01	9.9999982E-01		
5.717148E+02	9.9890673E-01	9.9884325E-01	9.9889940E-01	9.9927461E-01
9.9945420E-01	9.9959451E-01	9.9999982E-01		
5.767209E+02	9.9909389E-01	9.9905640E-01	9.9912763E-01	9.9941838E-01
9.9957162E-01	9.9967021E-01	9.9999982E-01		
5.817575E+02	9.9895328E-01	9.9889213E-01	9.9895984E-01	9.9932861E-01
9.9949300E-01	9.9962300E-01	9.9999982E-01		
5.867994E+02	9.9908805E-01	9.9906415E-01	9.9914753E-01	9.9944174E-01
9.9959660E-01	9.9968731E-01	9.9999982E-01		
5.918351E+02	9.9902445E-01	9.9897110E-01	9.9902999E-01	9.9934834E-01
9.9951887E-01	9.9964708E-01	9.9999982E-01		

5.968547E+02	9.9922568E-01	9.9922842E-01	9.9931151E-01	9.9955237E-01
9.9966723E-01	9.9972785E-01	9.9999982E-01		
6.018547E+02	9.9947596E-01	9.9946505E-01	9.9950898E-01	9.9966627E-01
9.9974370E-01	9.9978852E-01	9.9999982E-01		
6.068926E+02	9.9935174E-01	9.9930668E-01	9.9933565E-01	9.9955922E-01
9.9966902E-01	9.9975026E-01	9.9999982E-01		
6.119015E+02	9.9944168E-01	9.9940723E-01	9.9944329E-01	9.9963218E-01
9.9971497E-01	9.9977362E-01	9.9999982E-01		
6.169453E+02	9.9961090E-01	9.9959427E-01	9.9962497E-01	9.9974674E-01
9.9980688E-01	9.9984044E-01	9.9999982E-01		
6.219643E+02	9.9963856E-01	9.9961537E-01	9.9963409E-01	9.9975890E-01
9.9981803E-01	9.9985963E-01	9.9999982E-01		
6.269753E+02	9.9960238E-01	9.9957854E-01	9.9959695E-01	9.9973214E-01
9.9980736E-01	9.9985880E-01	9.9999982E-01		
6.319825E+02	9.9960381E-01	9.9958771E-01	9.9962556E-01	9.9976408E-01
9.9982828E-01	9.9986434E-01	9.9999982E-01		
6.369911E+02	9.9965119E-01	9.9964172E-01	9.9967480E-01	9.9979115E-01
9.9984592E-01	9.9987727E-01	9.9999982E-01		
6.420153E+02	9.9975485E-01	9.9974889E-01	9.9977112E-01	9.9984998E-01
9.9989021E-01	9.9991179E-01	9.9999982E-01		
6.470455E+02	9.9977821E-01	9.9976975E-01	9.9978572E-01	9.9985814E-01
9.9989641E-01	9.9991965E-01	9.9999982E-01		
6.520916E+02	9.9976742E-01	9.9975801E-01	9.9977607E-01	9.9985421E-01
9.9989474E-01	9.9991965E-01	9.9999982E-01		
6.571367E+02	9.9952936E-01	9.9950802E-01	9.9954939E-01	9.9972850E-01
9.9981022E-01	9.9986482E-01	9.9999982E-01		
6.621520E+02	9.9949133E-01	9.9948227E-01	9.9953234E-01	9.9970561E-01
9.9979579E-01	9.9984324E-01	9.9999982E-01		
6.671806E+02	9.9962795E-01	9.9962801E-01	9.9966884E-01	9.9978834E-01
9.9984199E-01	9.9986780E-01	9.9999982E-01		
6.722262E+02	9.9955499E-01	9.9954844E-01	9.9959195E-01	9.9973857E-01
9.9980980E-01	9.9984580E-01	9.9999982E-01		
6.772686E+02	9.9960625E-01	9.9960238E-01	9.9963480E-01	9.9975526E-01
9.9981958E-01	9.9985367E-01	9.9999982E-01		
6.822707E+02	9.9967623E-01	9.9968153E-01	9.9971658E-01	9.9981582E-01
9.9985856E-01	9.9987864E-01	9.9999982E-01		
6.872923E+02	9.9971479E-01	9.9971753E-01	9.9974424E-01	9.9982929E-01
9.9987137E-01	9.9989295E-01	9.9999982E-01		
6.922954E+02	9.9970347E-01	9.9970430E-01	9.9973166E-01	9.9982244E-01
9.9986744E-01	9.9989033E-01	9.9999982E-01		
6.973051E+02	9.9971700E-01	9.9971908E-01	9.9974394E-01	9.9982738E-01
9.9987066E-01	9.9989355E-01	9.9999982E-01		
7.023073E+02	9.9966013E-01	9.9965984E-01	9.9969435E-01	9.9980301E-01
9.9985361E-01	9.9987757E-01	9.9999982E-01		
7.073430E+02	9.9971944E-01	9.9972314E-01	9.9974996E-01	9.9983370E-01
9.9987340E-01	9.9989355E-01	9.9999982E-01		
7.123453E+02	9.9969858E-01	9.9970084E-01	9.9972945E-01	9.9982119E-01
9.9986631E-01	9.9988908E-01	9.9999982E-01		
7.173482E+02	9.9963957E-01	9.9964082E-01	9.9967754E-01	9.9979144E-01
9.9984366E-01	9.9986911E-01	9.9999982E-01		
7.223600E+02	9.9964684E-01	9.9965185E-01	9.9968827E-01	9.9979752E-01
9.9984574E-01	9.9986893E-01	9.9999982E-01		
7.273726E+02	9.9966717E-01	9.9967080E-01	9.9970138E-01	9.9980134E-01
9.9984926E-01	9.9987370E-01	9.9999982E-01		
7.324192E+02	9.9969071E-01	9.9969661E-01	9.9972832E-01	9.9982107E-01
9.9986076E-01	9.9988121E-01	9.9999982E-01		

7.374575E+02	9.9970698E-01	9.9971235E-01	9.9974179E-01	9.9982989E-01
9.9986833E-01	9.9988842E-01	9.9999982E-01		
7.424575E+02	9.9970108E-01	9.9970490E-01	9.9973333E-01	9.9982369E-01
9.9986678E-01	9.9988842E-01	9.9999982E-01		
7.474720E+02	9.9963897E-01	9.9963695E-01	9.9966598E-01	9.9977434E-01
9.9983352E-01	9.9986583E-01	9.9999982E-01		
7.524910E+02	9.9963444E-01	9.9964100E-01	9.9967974E-01	9.9979299E-01
9.9984056E-01	9.9986362E-01	9.9999982E-01		
7.575264E+02	9.9970621E-01	9.9971199E-01	9.9974024E-01	9.9982691E-01
9.9986565E-01	9.9988550E-01	9.9999982E-01		
7.625316E+02	9.9971545E-01	9.9972045E-01	9.9974918E-01	9.9983472E-01
9.9987173E-01	9.9989122E-01	9.9999982E-01		
7.675541E+02	9.9972081E-01	9.9972576E-01	9.9975359E-01	9.9983811E-01
9.9987549E-01	9.9989444E-01	9.9999982E-01		
7.725990E+02	9.9971658E-01	9.9971968E-01	9.9974692E-01	9.9983299E-01
9.9987328E-01	9.9989355E-01	9.9999982E-01		
7.776382E+02	9.9971348E-01	9.9971807E-01	9.9974656E-01	9.9983412E-01
9.9987292E-01	9.9989253E-01	9.9999982E-01		
7.826681E+02	9.9972963E-01	9.9973506E-01	9.9976259E-01	9.9984473E-01
9.9987894E-01	9.9989706E-01	9.9999982E-01		
7.876682E+02	9.9972290E-01	9.9972707E-01	9.9975514E-01	9.9983978E-01
9.9987686E-01	9.9989635E-01	9.9999982E-01		
7.927143E+02	9.9968702E-01	9.9969232E-01	9.9972552E-01	9.9982309E-01
9.9986458E-01	9.9988502E-01	9.9999982E-01		
7.977427E+02	9.9971133E-01	9.9970973E-01	9.9973023E-01	9.9981415E-01
9.9985695E-01	9.9988431E-01	9.9999982E-01		
8.027863E+02	9.9973071E-01	9.9973571E-01	9.9976569E-01	9.9985206E-01
9.9988681E-01	9.9990332E-01	9.9999982E-01		
8.077863E+02	9.9974298E-01	9.9974167E-01	9.9975902E-01	9.9983430E-01
9.9987423E-01	9.9989945E-01	9.9999982E-01		
8.128088E+02	9.9969524E-01	9.9969465E-01	9.9972177E-01	9.9981779E-01
9.9986666E-01	9.9989200E-01	9.9999982E-01		
8.178396E+02	9.9968851E-01	9.9968964E-01	9.9972397E-01	9.9982280E-01
9.9986541E-01	9.9988568E-01	9.9999982E-01		
8.228683E+02	9.9972719E-01	9.9973148E-01	9.9975812E-01	9.9984133E-01
9.9987888E-01	9.9989736E-01	9.9999982E-01		
8.279000E+02	9.9973416E-01	9.9973524E-01	9.9976039E-01	9.9984336E-01
9.9988228E-01	9.9990278E-01	9.9999982E-01		
8.329000E+02	9.9975681E-01	9.9976206E-01	9.9978715E-01	9.9986166E-01
9.9989271E-01	9.9990898E-01	9.9999982E-01		
8.379267E+02	9.9971360E-01	9.9971122E-01	9.9973202E-01	9.9981713E-01
9.9986506E-01	9.9989378E-01	9.9999982E-01		
8.429336E+02	9.9967468E-01	9.9966544E-01	9.9969172E-01	9.9979538E-01
9.9984574E-01	9.9987680E-01	9.9999982E-01		
8.479440E+02	9.9968612E-01	9.9967271E-01	9.9969375E-01	9.9978501E-01
9.9984384E-01	9.9987459E-01	9.9999982E-01		
8.529523E+02	9.9966043E-01	9.9963236E-01	9.9964565E-01	9.9976373E-01
9.9981660E-01	9.9985707E-01	9.9999982E-01		
8.579803E+02	9.9973476E-01	9.9972808E-01	9.9975801E-01	9.9983436E-01
9.9984682E-01	9.9987358E-01	9.9999982E-01		
8.630277E+02	9.9978721E-01	9.9978489E-01	9.9980652E-01	9.9987853E-01
9.9991101E-01	9.9992812E-01	9.9999982E-01		
8.680298E+02	9.9977976E-01	9.9979663E-01	9.9984455E-01	9.9992657E-01
9.9993920E-01	9.9994284E-01	9.9999982E-01		
8.730469E+02	9.9982989E-01	9.9983519E-01	9.9986011E-01	9.9992156E-01
9.9994755E-01	9.9996018E-01	9.9999982E-01		

8.780671E+02	9.9979979E-01	9.9979770E-01	9.9982554E-01	9.9990463E-01
9.9993825E-01	9.9995273E-01	9.9999982E-01		
8.830836E+02	9.9982238E-01	9.9982542E-01	9.9985105E-01	9.9991637E-01
9.9994451E-01	9.9995530E-01	9.9999982E-01		
8.881301E+02	9.9979979E-01	9.9979800E-01	9.9982053E-01	9.9989343E-01
9.9992764E-01	9.9994534E-01	9.9999982E-01		
8.931561E+02	9.9979514E-01	9.9979842E-01	9.9982613E-01	9.9989998E-01
9.9993110E-01	9.9994600E-01	9.9999982E-01		
8.981845E+02	9.9983537E-01	9.9984741E-01	9.9988043E-01	9.9993259E-01
9.9994332E-01	9.9994969E-01	9.9999982E-01		
9.032300E+02	9.9979573E-01	9.9979991E-01	9.9982762E-01	9.9990195E-01
9.9993354E-01	9.9994648E-01	9.9999982E-01		
9.082662E+02	9.9976557E-01	9.9975765E-01	9.9977827E-01	9.9986464E-01
9.9990618E-01	9.9993229E-01	9.9999982E-01		
9.133143E+02	9.9973208E-01	9.9971789E-01	9.9973869E-01	9.9983978E-01
9.9988782E-01	9.9992138E-01	9.9999982E-01		
9.183594E+02	9.9965090E-01	9.9962908E-01	9.9965018E-01	9.9978310E-01
9.9984896E-01	9.9989760E-01	9.9999982E-01		
9.233762E+02	9.9951589E-01	9.9952942E-01	9.9960780E-01	9.9978733E-01
9.9985814E-01	9.9988854E-01	9.9999982E-01		
9.283935E+02	9.9952245E-01	9.9952459E-01	9.9957967E-01	9.9974501E-01
9.9982363E-01	9.9986303E-01	9.9999982E-01		
9.334008E+02	9.9923295E-01	9.9919111E-01	9.9924666E-01	9.9952769E-01
9.9966192E-01	9.9976307E-01	9.9999982E-01		
9.384365E+02	9.9921131E-01	9.9920011E-01	9.9927658E-01	9.9952722E-01
9.9965870E-01	9.9973822E-01	9.9999982E-01		
9.434605E+02	9.9844265E-01	9.9846184E-01	9.9852794E-01	9.9910051E-01
9.9935126E-01	9.9954093E-01	9.9999982E-01		
9.484623E+02	9.9874461E-01	9.9867052E-01	9.9873781E-01	9.9922037E-01
9.9941421E-01	9.9955326E-01	9.9999982E-01		
9.534870E+02	9.9888569E-01	9.9880236E-01	9.9885052E-01	9.9926466E-01
9.9944222E-01	9.9957007E-01	9.9999982E-01		
9.585121E+02	9.9891716E-01	9.9886161E-01	9.9893010E-01	9.9933016E-01
9.9949592E-01	9.9961460E-01	9.9999982E-01		
9.635247E+02	9.9928570E-01	9.9927151E-01	9.9933612E-01	9.9955767E-01
9.9967170E-01	9.9974161E-01	9.9999982E-01		
9.685247E+02	9.9876016E-01	9.9875730E-01	9.9882144E-01	9.9927127E-01
9.9946702E-01	9.9961114E-01	9.9999982E-01		
9.735247E+02	9.9891877E-01	9.9885291E-01	9.9890518E-01	9.9929696E-01
9.9946535E-01	9.9959040E-01	9.9999982E-01		
9.785247E+02	9.9891835E-01	9.9885005E-01	9.9889940E-01	9.9929148E-01
9.9946111E-01	9.9958664E-01	9.9999982E-01		
9.835706E+02	9.9893212E-01	9.9886519E-01	9.9891597E-01	9.9930519E-01
9.9947083E-01	9.9959290E-01	9.9999982E-01		
9.885706E+02	9.9894613E-01	9.9888170E-01	9.9893117E-01	9.9931139E-01
9.9947703E-01	9.9959886E-01	9.9999982E-01		
9.935714E+02	9.9894744E-01	9.9888343E-01	9.9893528E-01	9.9931520E-01
9.9948096E-01	9.9960279E-01	9.9999982E-01		
9.986208E+02	9.9896401E-01	9.9889922E-01	9.9894941E-01	9.9932516E-01
9.9948764E-01	9.9960721E-01	9.9999982E-01		
1.003653E+03	9.9898762E-01	9.9892443E-01	9.9897313E-01	9.9934089E-01
9.9949884E-01	9.9961513E-01	9.9999982E-01		
1.008698E+03	9.9898750E-01	9.9892634E-01	9.9897397E-01	9.9934042E-01
9.9950087E-01	9.9961847E-01	9.9999982E-01		
1.013703E+03	9.9898249E-01	9.9892128E-01	9.9896985E-01	9.9933767E-01
9.9950010E-01	9.9961805E-01	9.9999982E-01		

1.018708E+03	9.9897909E-01	9.9891698E-01	9.9896789E-01	9.9933797E-01
9.9950039E-01	9.9961811E-01	9.9999982E-01		
1.023737E+03	9.9900818E-01	9.9894613E-01	9.9899572E-01	9.9935466E-01
9.9950951E-01	9.9962312E-01	9.9999982E-01		
1.028787E+03	9.9900490E-01	9.9894571E-01	9.9899322E-01	9.9935311E-01
9.9951166E-01	9.9962705E-01	9.9999982E-01		
1.033812E+03	9.9900967E-01	9.9894977E-01	9.9899805E-01	9.9935812E-01
9.9951440E-01	9.9962807E-01	9.9999982E-01		
1.038826E+03	9.9899811E-01	9.9893862E-01	9.9898690E-01	9.9935156E-01
9.9950945E-01	9.9962509E-01	9.9999982E-01		
1.043868E+03	9.9898261E-01	9.9892271E-01	9.9897414E-01	9.9934328E-01
9.9950373E-01	9.9962050E-01	9.9999982E-01		
1.048868E+03	9.9898052E-01	9.9892044E-01	9.9897242E-01	9.9934226E-01
9.9950314E-01	9.9962050E-01	9.9999982E-01		
1.053917E+03	9.9892658E-01	9.9886698E-01	9.9891806E-01	9.9930948E-01
9.9948049E-01	9.9960566E-01	9.9999982E-01		
1.058917E+03	9.9893373E-01	9.9886948E-01	9.9892169E-01	9.9931210E-01
9.9947882E-01	9.9960059E-01	9.9999982E-01		
1.063917E+03	9.9892151E-01	9.9885917E-01	9.9890929E-01	9.9930102E-01
9.9947196E-01	9.9959773E-01	9.9999982E-01		
1.068917E+03	9.9890369E-01	9.9883932E-01	9.9889272E-01	9.9929172E-01
9.9946362E-01	9.9958974E-01	9.9999982E-01		
1.073917E+03	9.9882627E-01	9.9876344E-01	9.9881637E-01	9.9924147E-01
9.9943012E-01	9.9956995E-01	9.9999982E-01		
1.078917E+03	9.9871469E-01	9.9864566E-01	9.9870312E-01	9.9917358E-01
9.9937785E-01	9.9953002E-01	9.9999982E-01		
1.083917E+03	9.9860960E-01	9.9853325E-01	9.9859458E-01	9.9910575E-01
9.9932408E-01	9.9948692E-01	9.9999982E-01		
1.088917E+03	9.9854511E-01	9.9846137E-01	9.9852520E-01	9.9905872E-01
9.9928504E-01	9.9945384E-01	9.9999982E-01		
1.093917E+03	9.9857306E-01	9.9848288E-01	9.9854660E-01	9.9906623E-01
9.9928540E-01	9.9944866E-01	9.9999982E-01		
1.098959E+03	9.9864727E-01	9.9855846E-01	9.9862069E-01	9.9911022E-01
9.9931651E-01	9.9946958E-01	9.9999982E-01		
1.103988E+03	9.9872005E-01	9.9863839E-01	9.9869597E-01	9.9915648E-01
9.9935389E-01	9.9950099E-01	9.9999982E-01		
1.108988E+03	9.9875295E-01	9.9867457E-01	9.9873054E-01	9.9918479E-01
9.9937660E-01	9.9951917E-01	9.9999982E-01		
1.113988E+03	9.9881411E-01	9.9873823E-01	9.9879181E-01	9.9922168E-01
9.9940372E-01	9.9953884E-01	9.9999982E-01		
1.118988E+03	9.9884665E-01	9.9877530E-01	9.9882895E-01	9.9924761E-01
9.9942607E-01	9.9955773E-01	9.9999982E-01		
1.123988E+03	9.9891537E-01	9.9884617E-01	9.9889910E-01	9.9929124E-01
9.9945718E-01	9.9958032E-01	9.9999982E-01		
1.128988E+03	9.9893069E-01	9.9886572E-01	9.9891782E-01	9.9930477E-01
9.9947029E-01	9.9959284E-01	9.9999982E-01		
1.133988E+03	9.9896842E-01	9.9890441E-01	9.9895370E-01	9.9932808E-01
9.9948704E-01	9.9960464E-01	9.9999982E-01		
1.138988E+03	9.9895656E-01	9.9889553E-01	9.9894392E-01	9.9932235E-01
9.9948686E-01	9.9960786E-01	9.9999982E-01		
1.143988E+03	9.9896461E-01	9.9890167E-01	9.9895179E-01	9.9932951E-01
9.9949121E-01	9.9960983E-01	9.9999982E-01		
1.149029E+03	9.9897313E-01	9.9891120E-01	9.9896109E-01	9.9933487E-01
9.9949497E-01	9.9961257E-01	9.9999982E-01		
1.154029E+03	9.9897105E-01	9.9891067E-01	9.9896127E-01	9.9933308E-01
9.9949515E-01	9.9961418E-01	9.9999982E-01		

1.159029E+03	9.9895364E-01	9.9889195E-01	9.9894404E-01	9.9932748E-01
9.9949032E-01	9.9960929E-01	9.9999982E-01		
1.164029E+03	9.9897397E-01	9.9891263E-01	9.9896079E-01	9.9933267E-01
9.9949419E-01	9.9961311E-01	9.9999982E-01		
1.169073E+03	9.9897069E-01	9.9890852E-01	9.9895906E-01	9.9933505E-01
9.9949533E-01	9.9961227E-01	9.9999982E-01		
1.174073E+03	9.9901152E-01	9.9895048E-01	9.9899769E-01	9.9935508E-01
9.9950945E-01	9.9962330E-01	9.9999982E-01		
1.179073E+03	9.9898976E-01	9.9893099E-01	9.9898052E-01	9.9934798E-01
9.9950689E-01	9.9962282E-01	9.9999982E-01		
1.184122E+03	9.9900508E-01	9.9894500E-01	9.9899489E-01	9.9935681E-01
9.9951172E-01	9.9962503E-01	9.9999982E-01		
1.189164E+03	9.9901831E-01	9.9895930E-01	9.9900645E-01	9.9936271E-01
9.9951786E-01	9.9963051E-01	9.9999982E-01		
1.194184E+03	9.9901456E-01	9.9895597E-01	9.9900329E-01	9.9936128E-01
9.9951738E-01	9.9963051E-01	9.9999982E-01		
1.199231E+03	9.9901265E-01	9.9895412E-01	9.9900174E-01	9.9936110E-01
9.9951702E-01	9.9963051E-01	9.9999982E-01		
1.204231E+03	9.9899244E-01	9.9893439E-01	9.9898338E-01	9.9934864E-01
9.9950862E-01	9.9962515E-01	9.9999982E-01		
1.209231E+03	9.9897331E-01	9.9891365E-01	9.9896562E-01	9.9934173E-01
9.9950260E-01	9.9961925E-01	9.9999982E-01		
1.214231E+03	9.9900633E-01	9.9894625E-01	9.9899423E-01	9.9935490E-01
9.9951082E-01	9.9962467E-01	9.9999982E-01		
1.219231E+03	9.9901652E-01	9.9895734E-01	9.9900556E-01	9.9936384E-01
9.9951816E-01	9.9963063E-01	9.9999982E-01		
1.224231E+03	9.9904627E-01	9.9898738E-01	9.9903244E-01	9.9937683E-01
9.9952722E-01	9.9963772E-01	9.9999982E-01		
1.229231E+03	9.9903792E-01	9.9898052E-01	9.9903005E-01	9.9938101E-01
9.9953067E-01	9.9963951E-01	9.9999982E-01		
1.234231E+03	9.9908745E-01	9.9903077E-01	9.9907607E-01	9.9940795E-01
9.9954849E-01	9.9965191E-01	9.9999982E-01		
1.239231E+03	9.9912906E-01	9.9907452E-01	9.9911755E-01	9.9943417E-01
9.9956810E-01	9.9966711E-01	9.9999982E-01		
1.244231E+03	9.9918610E-01	9.9913388E-01	9.9917567E-01	9.9947309E-01
9.9959582E-01	9.9968725E-01	9.9999982E-01		
1.249231E+03	9.9925518E-01	9.9920720E-01	9.9924779E-01	9.9951941E-01
9.9962997E-01	9.9971151E-01	9.9999982E-01		
1.254231E+03	9.9936986E-01	9.9932694E-01	9.9936205E-01	9.9959153E-01
9.9968159E-01	9.9974763E-01	9.9999982E-01		
1.259231E+03	9.9946427E-01	9.9942750E-01	9.9945509E-01	9.9964815E-01
9.9972701E-01	9.9978495E-01	9.9999982E-01		
1.264231E+03	9.9945563E-01	9.9942106E-01	9.9945033E-01	9.9965018E-01
9.9973482E-01	9.9979603E-01	9.9999982E-01		
1.269231E+03	9.9948341E-01	9.9944997E-01	9.9948019E-01	9.9967253E-01
9.9975020E-01	9.9980611E-01	9.9999982E-01		
1.274231E+03	9.9953198E-01	9.9950135E-01	9.9952835E-01	9.9970090E-01
9.9977195E-01	9.9982399E-01	9.9999982E-01		
1.279231E+03	9.9954748E-01	9.9951804E-01	9.9954367E-01	9.9971253E-01
9.9978292E-01	9.9983448E-01	9.9999982E-01		
1.284231E+03	9.9954629E-01	9.9951744E-01	9.9954337E-01	9.9971414E-01
9.9978584E-01	9.9983817E-01	9.9999982E-01		
1.289231E+03	9.9954492E-01	9.9951655E-01	9.9954367E-01	9.9971581E-01
9.9978775E-01	9.9983984E-01	9.9999982E-01		
1.294280E+03	9.9956059E-01	9.9953336E-01	9.9956173E-01	9.9972713E-01
9.9979585E-01	9.9984574E-01	9.9999982E-01		

1.299280E+03	9.9956065E-01	9.9953312E-01	9.9956030E-01	9.9972600E-01
9.9979651E-01	9.9984795E-01	9.9999982E-01		
1.304280E+03	9.9954319E-01	9.9951607E-01	9.9954468E-01	9.9971980E-01
9.9979222E-01	9.9984413E-01	9.9999982E-01		
1.309280E+03	9.9957979E-01	9.9955344E-01	9.9958003E-01	9.9973893E-01
9.9980474E-01	9.9985230E-01	9.9999982E-01		
1.314280E+03	9.9956238E-01	9.9953312E-01	9.9957865E-01	9.9973911E-01
9.9980640E-01	9.9985558E-01	9.9999982E-01		
1.319280E+03	9.9956787E-01	9.9954206E-01	9.9956894E-01	9.9973434E-01
9.9980390E-01	9.9985427E-01	9.9999982E-01		
1.324280E+03	9.9956667E-01	9.9954093E-01	9.9957389E-01	9.9973792E-01
9.9980551E-01	9.9985451E-01	9.9999982E-01		
1.329280E+03	9.9957740E-01	9.9955142E-01	9.9958128E-01	9.9974257E-01
9.9980938E-01	9.9985772E-01	9.9999982E-01		
1.334329E+03	9.9957192E-01	9.9954420E-01	9.9959385E-01	9.9975270E-01
9.9981707E-01	9.9986356E-01	9.9999982E-01		
1.339329E+03	9.9948341E-01	9.9943703E-01	9.9958706E-01	9.9975312E-01
9.9981773E-01	9.9986446E-01	9.9999982E-01		
1.344329E+03	9.9943566E-01	9.9938035E-01	9.9958742E-01	9.9975854E-01
9.9982113E-01	9.9986672E-01	9.9999982E-01		
1.349329E+03	9.9931270E-01	9.9923635E-01	9.9957877E-01	9.9975932E-01
9.9982172E-01	9.9986714E-01	9.9999982E-01		
1.354329E+03	9.9921596E-01	9.9912047E-01	9.9957657E-01	9.9976140E-01
9.9982280E-01	9.9986762E-01	9.9999982E-01		
1.359336E+03	9.9910831E-01	9.9899101E-01	9.9958330E-01	9.9976873E-01
9.9982792E-01	9.9987125E-01	9.9999982E-01		
1.364336E+03	9.9894202E-01	9.9879676E-01	9.9959135E-01	9.9977571E-01
9.9983263E-01	9.9987471E-01	9.9999982E-01		
1.369336E+03	9.9871188E-01	9.9855131E-01	9.9961638E-01	9.9978948E-01
9.9984145E-01	9.9988031E-01	9.9999982E-01		
1.374336E+03	9.9827766E-01	9.9806643E-01	9.9963528E-01	9.9979675E-01
9.9984676E-01	9.9988478E-01	9.9999982E-01		
1.379370E+03	9.9759638E-01	9.9734688E-01	9.9963605E-01	9.9979931E-01
9.9984360E-01	9.9988300E-01	9.9999982E-01		
1.384372E+03	9.9753100E-01	9.9725252E-01	9.9958789E-01	9.9977374E-01
9.9982619E-01	9.9987161E-01	9.9999982E-01		
1.389418E+03	9.9733782E-01	9.9701524E-01	9.9951679E-01	9.9973595E-01
9.9980348E-01	9.9985480E-01	9.9999982E-01		
1.394459E+03	9.9671584E-01	9.9629843E-01	9.9934894E-01	9.9964327E-01
9.9973190E-01	9.9980640E-01	9.9999982E-01		
1.399505E+03	9.9662924E-01	9.9621207E-01	9.9920207E-01	9.9955624E-01
9.9966443E-01	9.9974447E-01	9.9999982E-01		
1.404505E+03	9.9658436E-01	9.9621022E-01	9.9926573E-01	9.9957258E-01
9.9965662E-01	9.9973226E-01	9.9999982E-01		
1.409509E+03	9.9654764E-01	9.9611872E-01	9.9914324E-01	9.9949419E-01
9.9961436E-01	9.9970591E-01	9.9999982E-01		
1.414548E+03	9.9650455E-01	9.9610251E-01	9.9911821E-01	9.9948388E-01
9.9959594E-01	9.9968243E-01	9.9999982E-01		
1.419548E+03	9.9670631E-01	9.9639255E-01	9.9927706E-01	9.9956137E-01
9.9963915E-01	9.9971128E-01	9.9999982E-01		
1.424548E+03	9.9693710E-01	9.9668467E-01	9.9936503E-01	9.9960977E-01
9.9968743E-01	9.9974960E-01	9.9999982E-01		
1.429548E+03	9.9695665E-01	9.9677956E-01	9.9943858E-01	9.9965477E-01
9.9971646E-01	9.9977356E-01	9.9999982E-01		
1.434548E+03	9.9713945E-01	9.9696118E-01	9.9948710E-01	9.9968457E-01
9.9974740E-01	9.9979693E-01	9.9999982E-01		

1.439548E+03	9.9716258E-01	9.9698168E-01	9.9954802E-01	9.9972254E-01
9.9977213E-01	9.9981850E-01	9.9999982E-01		
1.444548E+03	9.9732083E-01	9.9714786E-01	9.9956930E-01	9.9973691E-01
9.9979109E-01	9.9983454E-01	9.9999982E-01		
1.449548E+03	9.9723172E-01	9.9704200E-01	9.9960369E-01	9.9976361E-01
9.9980831E-01	9.9984968E-01	9.9999982E-01		
1.454592E+03	9.9744534E-01	9.9726087E-01	9.9964756E-01	9.9978501E-01
9.9982595E-01	9.9986345E-01	9.9999982E-01		
1.459592E+03	9.9753886E-01	9.9734241E-01	9.9966580E-01	9.9979615E-01
9.9984050E-01	9.9987537E-01	9.9999982E-01		
1.464592E+03	9.9751490E-01	9.9732286E-01	9.9968827E-01	9.9981153E-01
9.9984866E-01	9.9988240E-01	9.9999982E-01		
1.469638E+03	9.9773353E-01	9.9757373E-01	9.9973381E-01	9.9983066E-01
9.9986559E-01	9.9989444E-01	9.9999982E-01		
1.474638E+03	9.9790889E-01	9.9790239E-01	9.9980354E-01	9.9984616E-01
9.9987328E-01	9.9990046E-01	9.9999982E-01		
1.479638E+03	9.9813026E-01	9.9816561E-01	9.9983639E-01	9.9985993E-01
9.9988478E-01	9.9990880E-01	9.9999982E-01		
1.484681E+03	9.9799508E-01	9.9800712E-01	9.9982500E-01	9.9985558E-01
9.9988210E-01	9.9990851E-01	9.9999982E-01		
1.489718E+03	9.9805337E-01	9.9807465E-01	9.9982947E-01	9.9985796E-01
9.9988347E-01	9.9990857E-01	9.9999982E-01		
1.494719E+03	9.9807417E-01	9.9806750E-01	9.9981821E-01	9.9985337E-01
9.9988246E-01	9.9990797E-01	9.9999982E-01		
1.499726E+03	9.9806273E-01	9.9811238E-01	9.9984306E-01	9.9986231E-01
9.9988627E-01	9.9990994E-01	9.9999982E-01		
1.504759E+03	9.9823898E-01	9.9828583E-01	9.9985147E-01	9.9986786E-01
9.9989396E-01	9.9991614E-01	9.9999982E-01		
1.509762E+03	9.9809337E-01	9.9814880E-01	9.9985230E-01	9.9986666E-01
9.9989122E-01	9.9991524E-01	9.9999982E-01		
1.514772E+03	9.9817663E-01	9.9817681E-01	9.9982822E-01	9.9985898E-01
9.9988544E-01	9.9991053E-01	9.9999982E-01		
1.519808E+03	9.9807841E-01	9.9809104E-01	9.9982721E-01	9.9985605E-01
9.9988383E-01	9.9990904E-01	9.9999982E-01		
1.524844E+03	9.9806899E-01	9.9797642E-01	9.9977487E-01	9.9983662E-01
9.9986660E-01	9.9989593E-01	9.9999982E-01		
1.529844E+03	9.9809915E-01	9.9815440E-01	9.9983323E-01	9.9985164E-01
9.9987626E-01	9.9990112E-01	9.9999982E-01		
1.534859E+03	9.9818277E-01	9.9821711E-01	9.9983227E-01	9.9985254E-01
9.9987823E-01	9.9990416E-01	9.9999982E-01		
1.539868E+03	9.9822122E-01	9.9821973E-01	9.9981952E-01	9.9985063E-01
9.9987864E-01	9.9990416E-01	9.9999982E-01		
1.544881E+03	9.9795359E-01	9.9786353E-01	9.9977535E-01	9.9983311E-01
9.9986154E-01	9.9989277E-01	9.9999982E-01		
1.549901E+03	9.9823779E-01	9.9825948E-01	9.9982524E-01	9.9985063E-01
9.9987435E-01	9.9989933E-01	9.9999982E-01		
1.554901E+03	9.9835664E-01	9.9815798E-01	9.9980801E-01	9.9986398E-01
9.9988502E-01	9.9990952E-01	9.9999982E-01		
1.559921E+03	9.9874210E-01	9.9865645E-01	9.9981117E-01	9.9985987E-01
9.9988669E-01	9.9991083E-01	9.9999982E-01		
1.564944E+03	9.9880213E-01	9.9874091E-01	9.9976099E-01	9.9983990E-01
9.9987102E-01	9.9990094E-01	9.9999982E-01		
1.569956E+03	9.9872750E-01	9.9859107E-01	9.9966753E-01	9.9979651E-01
9.9984401E-01	9.9988347E-01	9.9999982E-01		
1.574956E+03	9.9869984E-01	9.9853736E-01	9.9955904E-01	9.9976033E-01
9.9982226E-01	9.9986845E-01	9.9999982E-01		

1.579956E+03	9.9913895E-01	9.9904650E-01	9.9954826E-01	9.9974871E-01
9.9981391E-01	9.9986202E-01	9.9999982E-01		
1.584956E+03	9.9953997E-01	9.9952096E-01	9.9956894E-01	9.9974388E-01
9.9981117E-01	9.9985981E-01	9.9999982E-01		
1.589956E+03	9.9960631E-01	9.9958724E-01	9.9961895E-01	9.9977016E-01
9.9982905E-01	9.9987078E-01	9.9999982E-01		
1.594956E+03	9.9968547E-01	9.9966890E-01	9.9969232E-01	9.9980915E-01
9.9985784E-01	9.9989247E-01	9.9999982E-01		
1.599956E+03	9.9972796E-01	9.9971485E-01	9.9973655E-01	9.9983770E-01
9.9987984E-01	9.9990970E-01	9.9999982E-01		
1.604956E+03	9.9975115E-01	9.9973989E-01	9.9975944E-01	9.9985051E-01
9.9989069E-01	9.9991930E-01	9.9999982E-01		
1.609956E+03	9.9974555E-01	9.9973404E-01	9.9975395E-01	9.9984920E-01
9.9989092E-01	9.9992067E-01	9.9999982E-01		
1.614956E+03	9.9972939E-01	9.9971700E-01	9.9973816E-01	9.9984199E-01
9.9988681E-01	9.9991870E-01	9.9999982E-01		
1.619956E+03	9.9972886E-01	9.9971622E-01	9.9973762E-01	9.9984223E-01
9.9988687E-01	9.9991870E-01	9.9999982E-01		
1.624956E+03	9.9972492E-01	9.9971217E-01	9.9973398E-01	9.9984044E-01
9.9988580E-01	9.9991816E-01	9.9999982E-01		
1.629956E+03	9.9972540E-01	9.9971259E-01	9.9973428E-01	9.9984062E-01
9.9988592E-01	9.9991816E-01	9.9999982E-01		
1.634956E+03	9.9972266E-01	9.9970984E-01	9.9973178E-01	9.9983931E-01
9.9988508E-01	9.9991769E-01	9.9999982E-01		
1.639972E+03	9.9972236E-01	9.9970943E-01	9.9973154E-01	9.9983883E-01
9.9988431E-01	9.9991685E-01	9.9999982E-01		
1.644972E+03	9.9972385E-01	9.9971092E-01	9.9973255E-01	9.9983901E-01
9.9988443E-01	9.9991685E-01	9.9999982E-01		
1.649982E+03	9.9971521E-01	9.9970204E-01	9.9972445E-01	9.9983495E-01
9.9988168E-01	9.9991506E-01	9.9999982E-01		
1.654998E+03	9.9971962E-01	9.9970651E-01	9.9972862E-01	9.9983680E-01
9.9988246E-01	9.9991506E-01	9.9999982E-01		
1.660028E+03	9.9971849E-01	9.9970549E-01	9.9972796E-01	9.9983698E-01
9.9988252E-01	9.9991506E-01	9.9999982E-01		
1.665028E+03	9.9972421E-01	9.9971110E-01	9.9973238E-01	9.9983793E-01
9.9988288E-01	9.9991506E-01	9.9999982E-01		
1.670048E+03	9.9971724E-01	9.9970394E-01	9.9972594E-01	9.9983525E-01
9.9988180E-01	9.9991506E-01	9.9999982E-01		
1.675065E+03	9.9972034E-01	9.9970686E-01	9.9972832E-01	9.9983573E-01
9.9988204E-01	9.9991506E-01	9.9999982E-01		
1.680108E+03	9.9971843E-01	9.9970520E-01	9.9972749E-01	9.9983615E-01
9.9988168E-01	9.9991417E-01	9.9999982E-01		
1.685146E+03	9.9972880E-01	9.9971575E-01	9.9973649E-01	9.9984032E-01
9.9988467E-01	9.9991620E-01	9.9999982E-01		
1.690150E+03	9.9973130E-01	9.9971849E-01	9.9973899E-01	9.9984157E-01
9.9988580E-01	9.9991739E-01	9.9999982E-01		
1.695192E+03	9.9970615E-01	9.9969244E-01	9.9971467E-01	9.9982816E-01
9.9987751E-01	9.9991292E-01	9.9999982E-01		
1.700202E+03	9.9966449E-01	9.9964970E-01	9.9967563E-01	9.9980783E-01
9.9986279E-01	9.9990213E-01	9.9999982E-01		
1.705202E+03	9.9968070E-01	9.9966544E-01	9.9969083E-01	9.9981636E-01
9.9986666E-01	9.9990231E-01	9.9999982E-01		
1.710202E+03	9.9972588E-01	9.9971211E-01	9.9973267E-01	9.9983644E-01
9.9988061E-01	9.9991220E-01	9.9999982E-01		
1.715202E+03	9.9971890E-01	9.9970555E-01	9.9972731E-01	9.9983513E-01
9.9988079E-01	9.9991339E-01	9.9999982E-01		

1.720212E+03	9.9972337E-01	9.9970984E-01	9.9973083E-01	9.9983656E-01
9.9988174E-01	9.9991411E-01	9.9999982E-01		
1.725225E+03	9.9971098E-01	9.9969733E-01	9.9971938E-01	9.9983150E-01
9.9987924E-01	9.9991333E-01	9.9999982E-01		
1.730267E+03	9.9970877E-01	9.9969471E-01	9.9971682E-01	9.9982923E-01
9.9987763E-01	9.9991238E-01	9.9999982E-01		
1.735300E+03	9.9957764E-01	9.9956203E-01	9.9958712E-01	9.9975139E-01
9.9982935E-01	9.9988568E-01	9.9999982E-01		
1.740300E+03	9.9944574E-01	9.9943370E-01	9.9947309E-01	9.9969530E-01
9.9978524E-01	9.9984854E-01	9.9999982E-01		
1.745300E+03	9.9944830E-01	9.9942946E-01	9.9946582E-01	9.9968392E-01
9.9977213E-01	9.9983490E-01	9.9999982E-01		
1.750300E+03	9.9944222E-01	9.9942231E-01	9.9945873E-01	9.9967903E-01
9.9976635E-01	9.9982816E-01	9.9999982E-01		
1.755300E+03	9.9949402E-01	9.9947131E-01	9.9950427E-01	9.9970424E-01
9.9978149E-01	9.9983567E-01	9.9999982E-01		
1.760300E+03	9.9957675E-01	9.9955386E-01	9.9958026E-01	9.9974072E-01
9.9980664E-01	9.9985504E-01	9.9999982E-01		
1.765300E+03	9.9961513E-01	9.9959499E-01	9.9962229E-01	9.9977052E-01
9.9982822E-01	9.9987030E-01	9.9999982E-01		
1.770300E+03	9.9962008E-01	9.9960083E-01	9.9962497E-01	9.9976921E-01
9.9983221E-01	9.9987835E-01	9.9999982E-01		
1.775300E+03	9.9951929E-01	9.9950123E-01	9.9953032E-01	9.9972045E-01
9.9980229E-01	9.9986100E-01	9.9999982E-01		
1.780300E+03	9.9953878E-01	9.9951857E-01	9.9955326E-01	9.9974096E-01
9.9980921E-01	9.9985665E-01	9.9999982E-01		
1.785300E+03	9.9971676E-01	9.9970073E-01	9.9972105E-01	9.9982369E-01
9.9986410E-01	9.9989384E-01	9.9999982E-01		
1.790312E+03	9.9974668E-01	9.9973464E-01	9.9975276E-01	9.9984419E-01
9.9988478E-01	9.9991429E-01	9.9999982E-01		
1.795348E+03	9.9973017E-01	9.9971724E-01	9.9973744E-01	9.9983990E-01
9.9988425E-01	9.9991626E-01	9.9999982E-01		
1.800348E+03	9.9971509E-01	9.9970174E-01	9.9972475E-01	9.9983603E-01
9.9988204E-01	9.9991465E-01	9.9999982E-01		
1.805392E+03	9.9975401E-01	9.9974191E-01	9.9976087E-01	9.9985284E-01
9.9989301E-01	9.9992180E-01	9.9999982E-01		
1.810392E+03	9.9973845E-01	9.9972624E-01	9.9974680E-01	9.9984735E-01
9.9989116E-01	9.9992216E-01	9.9999982E-01		
1.815392E+03	9.9974459E-01	9.9973220E-01	9.9975222E-01	9.9984998E-01
9.9989218E-01	9.9992216E-01	9.9999982E-01		
1.820392E+03	9.9975049E-01	9.9973863E-01	9.9975818E-01	9.9985260E-01
9.9989361E-01	9.9992287E-01	9.9999982E-01		
1.825392E+03	9.9973828E-01	9.9972588E-01	9.9974614E-01	9.9984676E-01
9.9989051E-01	9.9992168E-01	9.9999982E-01		
1.830440E+03	9.9974173E-01	9.9972922E-01	9.9974948E-01	9.9984884E-01
9.9989134E-01	9.9992168E-01	9.9999982E-01		
1.835440E+03	9.9973428E-01	9.9972147E-01	9.9974191E-01	9.9984431E-01
9.9988860E-01	9.9992019E-01	9.9999982E-01		
1.840440E+03	9.9972743E-01	9.9971443E-01	9.9973613E-01	9.9984199E-01
9.9988723E-01	9.9991947E-01	9.9999982E-01		
1.845440E+03	9.9972415E-01	9.9971092E-01	9.9973273E-01	9.9983996E-01
9.9988568E-01	9.9991828E-01	9.9999982E-01		
1.850440E+03	9.9972171E-01	9.9970829E-01	9.9973005E-01	9.9983853E-01
9.9988467E-01	9.9991763E-01	9.9999982E-01		
1.855440E+03	9.9971908E-01	9.9970555E-01	9.9972707E-01	9.9983603E-01
9.9988270E-01	9.9991614E-01	9.9999982E-01		

1.860440E+03	9.9971718E-01	9.9970359E-01	9.9972588E-01	9.9983603E-01
9.9988258E-01	9.9991584E-01	9.9999982E-01		
1.865440E+03	9.9972242E-01	9.9970889E-01	9.9973059E-01	9.9983776E-01
9.9988335E-01	9.9991584E-01	9.9999982E-01		
1.870459E+03	9.9971908E-01	9.9970543E-01	9.9972701E-01	9.9983597E-01
9.9988258E-01	9.9991584E-01	9.9999982E-01		
1.875459E+03	9.9971557E-01	9.9970186E-01	9.9972391E-01	9.9983495E-01
9.9988192E-01	9.9991548E-01	9.9999982E-01		
1.880459E+03	9.9971652E-01	9.9970275E-01	9.9972463E-01	9.9983501E-01
9.9988192E-01	9.9991548E-01	9.9999982E-01		
1.885502E+03	9.9971217E-01	9.9969834E-01	9.9972105E-01	9.9983311E-01
9.9988061E-01	9.9991453E-01	9.9999982E-01		
1.890502E+03	9.9971372E-01	9.9969983E-01	9.9972206E-01	9.9983382E-01
9.9988091E-01	9.9991453E-01	9.9999982E-01		
1.895548E+03	9.9971509E-01	9.9970120E-01	9.9972337E-01	9.9983406E-01
9.9988103E-01	9.9991453E-01	9.9999982E-01		
1.900587E+03	9.9971592E-01	9.9970216E-01	9.9972451E-01	9.9983478E-01
9.9988139E-01	9.9991453E-01	9.9999982E-01		
1.905594E+03	9.9973404E-01	9.9972093E-01	9.9974191E-01	9.9984360E-01
9.9988699E-01	9.9991798E-01	9.9999982E-01		
1.910599E+03	9.9972445E-01	9.9971104E-01	9.9973178E-01	9.9983782E-01
9.9988383E-01	9.9991673E-01	9.9999982E-01		
1.915604E+03	9.9971753E-01	9.9970382E-01	9.9972594E-01	9.9983591E-01
9.9988258E-01	9.9991596E-01	9.9999982E-01		
1.920619E+03	9.9971753E-01	9.9970371E-01	9.9972522E-01	9.9983495E-01
9.9988198E-01	9.9991542E-01	9.9999982E-01		
1.925623E+03	9.9971366E-01	9.9969995E-01	9.9972266E-01	9.9983436E-01
9.9988133E-01	9.9991488E-01	9.9999982E-01		
1.930635E+03	9.9971372E-01	9.9969983E-01	9.9972206E-01	9.9983358E-01
9.9988085E-01	9.9991465E-01	9.9999982E-01		
1.935664E+03	9.9970859E-01	9.9969447E-01	9.9971706E-01	9.9983096E-01
9.9987894E-01	9.9991310E-01	9.9999982E-01		
1.940709E+03	9.9971133E-01	9.9969721E-01	9.9971920E-01	9.9983144E-01
9.9987906E-01	9.9991310E-01	9.9999982E-01		
1.945709E+03	9.9970704E-01	9.9969292E-01	9.9971563E-01	9.9982953E-01
9.9987793E-01	9.9991244E-01	9.9999982E-01		
1.950755E+03	9.9970901E-01	9.9969471E-01	9.9971718E-01	9.9983042E-01
9.9987829E-01	9.9991238E-01	9.9999982E-01		
1.955762E+03	9.9970353E-01	9.9968922E-01	9.9971211E-01	9.9982792E-01
9.9987656E-01	9.9991137E-01	9.9999982E-01		
1.960784E+03	9.9970961E-01	9.9969530E-01	9.9971735E-01	9.9982983E-01
9.9987733E-01	9.9991137E-01	9.9999982E-01		
1.965832E+03	9.9970287E-01	9.9968857E-01	9.9971169E-01	9.9982744E-01
9.9987650E-01	9.9991137E-01	9.9999982E-01		
1.970878E+03	9.9970144E-01	9.9968702E-01	9.9971008E-01	9.9982697E-01
9.9987614E-01	9.9991119E-01	9.9999982E-01		
1.975889E+03	9.9970090E-01	9.9968630E-01	9.9970883E-01	9.9982512E-01
9.9987459E-01	9.9990976E-01	9.9999982E-01		
1.980934E+03	9.9969894E-01	9.9968398E-01	9.9970627E-01	9.9982274E-01
9.9987286E-01	9.9990863E-01	9.9999982E-01		
1.985934E+03	9.9962252E-01	9.9960411E-01	9.9962389E-01	9.9976474E-01
9.9983716E-01	9.9989158E-01	9.9999982E-01		
1.990934E+03	9.9927914E-01	9.9928653E-01	9.9933290E-01	9.9961925E-01
9.9973834E-01	9.9981880E-01	9.9999982E-01		
1.995934E+03	9.9948704E-01	9.9945992E-01	9.9949467E-01	9.9969804E-01
9.9977320E-01	9.9982595E-01	9.9999982E-01		

2.000034E+03	9.9956661E-01	9.9954289E-01	9.9957007E-01	9.9973327E-01
9.9979907E-01	9.9984705E-01	9.9999982E-01		

TIME (sec)	ALP993506	ALP992201	ALP992301	ALP992202
ALP992302	ALP992203	ALP992303		
1.000000E-10	9.9999899E-01	9.9981201E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
1.003469E-01	9.9999899E-01	9.9981201E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
2.016405E-01	9.9999899E-01	9.9981201E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
3.143499E-01	9.9999899E-01	9.9981213E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
4.176774E-01	9.9999899E-01	9.9981219E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
5.179474E-01	9.9999899E-01	9.9981225E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
6.236274E-01	9.9999899E-01	9.9981236E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
7.657229E-01	9.9999899E-01	9.9981260E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
8.878756E-01	9.9999899E-01	9.9981278E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
9.933645E-01	9.9999899E-01	9.9981296E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
1.524044E+00	9.9999899E-01	9.9981421E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981201E-01	1.0000000E+00		
2.030162E+00	9.9999899E-01	9.9981451E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9981141E-01	9.9999970E-01		
2.550346E+00	9.9999899E-01	9.9981451E-01	1.0000000E+00	9.9981201E-01
1.0000000E+00	9.9980617E-01	9.9999964E-01		
3.062366E+00	9.9999899E-01	9.9981451E-01	1.0000000E+00	9.9981093E-01
1.0000000E+00	9.9975753E-01	9.9999970E-01		
3.562366E+00	9.9999899E-01	9.9981344E-01	1.0000000E+00	9.9980569E-01
1.0000000E+00	9.9944156E-01	9.9999970E-01		
4.082775E+00	9.9999899E-01	9.9981219E-01	1.0000000E+00	9.9975324E-01
1.0000000E+00	9.9837333E-01	9.9999970E-01		
4.604100E+00	9.9999899E-01	9.9980897E-01	1.0000000E+00	9.9937969E-01
1.0000000E+00	9.9675894E-01	9.9999970E-01		
5.125216E+00	9.9999899E-01	9.9977797E-01	1.0000000E+00	9.9818408E-01
1.0000000E+00	9.9541503E-01	9.9999970E-01		
5.625216E+00	9.9999899E-01	9.9956030E-01	1.0000000E+00	9.9640369E-01
1.0000000E+00	9.9458784E-01	9.9999970E-01		
6.125216E+00	9.9999899E-01	9.9880302E-01	1.0000000E+00	9.9462795E-01
1.0000000E+00	9.9373311E-01	9.9999970E-01		
6.625216E+00	9.9999899E-01	9.9731469E-01	1.0000000E+00	9.9286282E-01
1.0000000E+00	9.9191988E-01	9.9999970E-01		
7.125216E+00	9.9999899E-01	9.9492866E-01	1.0000000E+00	9.8979425E-01
1.0000000E+00	9.8708117E-01	9.9999970E-01		
7.625216E+00	9.9999899E-01	9.9042559E-01	1.0000000E+00	9.8258084E-01
9.9999994E-01	9.7853750E-01	9.9999958E-01		
8.125216E+00	9.9999899E-01	9.8080170E-01	1.0000000E+00	9.7062492E-01
9.9999970E-01	9.6956009E-01	9.9999928E-01		
8.625216E+00	9.9999899E-01	9.6428221E-01	9.9999988E-01	9.5790619E-01
9.9999958E-01	9.6232516E-01	9.9999928E-01		
9.146049E+00	9.9999899E-01	9.4287568E-01	9.9999970E-01	9.4648135E-01
9.9999952E-01	9.5613718E-01	9.9999928E-01		

9.646049E+00	9.9999899E-01	9.2347640E-01	9.9999964E-01	9.3668854E-01
9.9999952E-01	9.5020318E-01	9.9999928E-01		
1.014605E+01	9.9999899E-01	9.0968221E-01	9.9999964E-01	9.2686361E-01
9.9999952E-01	9.4304627E-01	9.9999928E-01		
1.064605E+01	9.9999899E-01	9.0409225E-01	9.9999964E-01	9.1726035E-01
9.9999952E-01	9.3373680E-01	9.9999928E-01		
1.114605E+01	9.9999899E-01	9.0612102E-01	9.9999964E-01	9.1065383E-01
9.9999952E-01	9.2230105E-01	9.9999928E-01		
1.164605E+01	9.9999899E-01	9.1108239E-01	9.9999964E-01	9.1039538E-01
9.9999952E-01	9.1158968E-01	9.9999928E-01		
1.214605E+01	9.9999899E-01	9.1515827E-01	9.9999964E-01	9.1207665E-01
9.9999952E-01	9.0861356E-01	9.9999940E-01		
1.264605E+01	9.9999899E-01	9.1691417E-01	9.9999964E-01	9.1314673E-01
9.9999952E-01	9.1466618E-01	9.9999946E-01		
1.314605E+01	9.9999899E-01	9.1634911E-01	9.9999964E-01	9.1754770E-01
9.9999952E-01	9.2496574E-01	9.9999952E-01		
1.364605E+01	9.9999899E-01	9.1678047E-01	9.9999964E-01	9.2657995E-01
9.9999952E-01	9.3442434E-01	9.9999952E-01		
1.414605E+01	9.9999899E-01	9.2312944E-01	9.9999964E-01	9.3498528E-01
9.9999952E-01	9.3963742E-01	9.9999952E-01		
1.464605E+01	9.9999899E-01	9.3477327E-01	9.9999964E-01	9.4042391E-01
9.9999958E-01	9.4079351E-01	9.9999952E-01		
1.514605E+01	9.9999899E-01	9.4611019E-01	9.9999964E-01	9.4485611E-01
9.9999958E-01	9.4024366E-01	9.9999958E-01		
1.564605E+01	9.9999899E-01	9.5383775E-01	9.9999964E-01	9.4809389E-01
9.9999958E-01	9.4007099E-01	9.9999958E-01		
1.614605E+01	9.9999899E-01	9.5745146E-01	9.9999964E-01	9.4891995E-01
9.9999958E-01	9.3974698E-01	9.9999964E-01		
1.664605E+01	9.9999899E-01	9.5662963E-01	9.9999964E-01	9.4651252E-01
9.9999964E-01	9.3677944E-01	9.9999964E-01		
1.714605E+01	9.9999899E-01	9.4993019E-01	9.9999964E-01	9.4054127E-01
9.9999964E-01	9.3219501E-01	9.9999964E-01		
1.764605E+01	9.9999899E-01	9.3752939E-01	9.9999964E-01	9.3216974E-01
9.9999964E-01	9.2892075E-01	9.9999964E-01		
1.814605E+01	9.9999899E-01	9.2202735E-01	9.9999964E-01	9.2386591E-01
9.9999964E-01	9.2609268E-01	9.9999964E-01		
1.864605E+01	9.9999899E-01	9.0773058E-01	9.9999964E-01	9.1613394E-01
9.9999964E-01	9.2212141E-01	9.9999964E-01		
1.914605E+01	9.9999899E-01	8.9822608E-01	9.9999964E-01	9.0835565E-01
9.9999964E-01	9.1626471E-01	9.9999964E-01		
1.964605E+01	9.9999899E-01	8.9468908E-01	9.9999964E-01	9.0096945E-01
9.9999964E-01	9.0850562E-01	9.9999964E-01		
2.014605E+01	9.9999899E-01	8.9530575E-01	9.9999964E-01	8.9586681E-01
9.9999964E-01	9.0042120E-01	9.9999964E-01		
2.064605E+01	9.9999899E-01	8.9659238E-01	9.9999964E-01	8.9445925E-01
9.9999964E-01	8.9537978E-01	9.9999964E-01		
2.114605E+01	9.9999899E-01	8.9671320E-01	9.9999964E-01	8.9570415E-01
9.9999964E-01	8.9650398E-01	9.9999964E-01		
2.164605E+01	9.9999899E-01	8.9642680E-01	9.9999964E-01	8.9886278E-01
9.9999964E-01	9.0307277E-01	9.9999964E-01		
2.214605E+01	9.9999899E-01	8.9812243E-01	9.9999964E-01	9.0450144E-01
9.9999964E-01	9.1100752E-01	9.9999964E-01		
2.266648E+01	9.9999899E-01	9.0458828E-01	9.9999964E-01	9.1213870E-01
9.9999964E-01	9.1732395E-01	9.9999964E-01		
2.318409E+01	9.9999899E-01	9.1554022E-01	9.9999964E-01	9.1975695E-01
9.9999964E-01	9.2052406E-01	9.9999964E-01		

2.368409E+01	9.9999899E-01	9.2675579E-01	9.9999970E-01	9.2603403E-01
9.9999964E-01	9.2174405E-01	9.9999964E-01		
2.418409E+01	9.9999899E-01	9.3547821E-01	9.9999970E-01	9.3031681E-01
9.9999964E-01	9.2241406E-01	9.9999964E-01		
2.468420E+01	9.9999899E-01	9.4015110E-01	9.9999970E-01	9.3181700E-01
9.9999964E-01	9.2297715E-01	9.9999964E-01		
2.518866E+01	9.9999899E-01	9.3907934E-01	9.9999970E-01	9.2983991E-01
9.9999964E-01	9.2254829E-01	9.9999964E-01		
2.570592E+01	9.9999899E-01	9.3146485E-01	9.9999970E-01	9.2599934E-01
9.9999964E-01	9.2065293E-01	9.9999964E-01		
2.622136E+01	9.9999899E-01	9.2016268E-01	9.9999970E-01	9.1916931E-01
9.9999964E-01	9.1669691E-01	9.9999964E-01		
2.673972E+01	9.9999899E-01	9.0743798E-01	9.9999970E-01	9.0888506E-01
9.9999964E-01	9.1107690E-01	9.9999964E-01		
2.724740E+01	9.9999899E-01	8.9548522E-01	9.9999970E-01	8.9958376E-01
9.9999964E-01	9.0474176E-01	9.9999964E-01		
2.776852E+01	9.9999899E-01	8.8592798E-01	9.9999970E-01	8.9160585E-01
9.9999964E-01	8.9738017E-01	9.9999964E-01		
2.828743E+01	9.9999899E-01	8.8183868E-01	9.9999970E-01	8.8668525E-01
9.9999964E-01	8.9241612E-01	9.9999964E-01		
2.878743E+01	9.9999899E-01	8.8217777E-01	9.9999970E-01	8.8480645E-01
9.9999964E-01	8.8868427E-01	9.9999964E-01		
2.928743E+01	9.9999899E-01	8.8462806E-01	9.9999970E-01	8.8518274E-01
9.9999964E-01	8.8781363E-01	9.9999964E-01		
2.978743E+01	9.9999899E-01	8.8768965E-01	9.9999970E-01	8.8818491E-01
9.9999964E-01	8.9225626E-01	9.9999964E-01		
3.028743E+01	9.9999899E-01	8.9135164E-01	9.9999970E-01	8.9449203E-01
9.9999970E-01	8.9843833E-01	9.9999964E-01		
3.078743E+01	9.9999899E-01	8.9714754E-01	9.9999970E-01	9.0191609E-01
9.9999970E-01	9.0353888E-01	9.9999964E-01		
3.128743E+01	9.9999899E-01	9.0551603E-01	9.9999970E-01	9.0786266E-01
9.9999970E-01	9.0785015E-01	9.9999964E-01		
3.178743E+01	9.9999899E-01	9.1432464E-01	9.9999970E-01	9.1280431E-01
9.9999970E-01	9.1079867E-01	9.9999964E-01		
3.228743E+01	9.9999899E-01	9.2118871E-01	9.9999970E-01	9.1712683E-01
9.9999970E-01	9.1154861E-01	9.9999964E-01		
3.278743E+01	9.9999899E-01	9.2501742E-01	9.9999970E-01	9.1918331E-01
9.9999970E-01	9.1069674E-01	9.9999964E-01		
3.328743E+01	9.9999899E-01	9.2512798E-01	9.9999970E-01	9.1746038E-01
9.9999970E-01	9.0927333E-01	9.9999964E-01		
3.378743E+01	9.9999899E-01	9.2021155E-01	9.9999970E-01	9.1290611E-01
9.9999970E-01	9.0744150E-01	9.9999964E-01		
3.428743E+01	9.9999899E-01	9.1052836E-01	9.9999970E-01	9.0751588E-01
9.9999970E-01	9.0442777E-01	9.9999964E-01		
3.478743E+01	9.9999899E-01	8.9889461E-01	9.9999970E-01	9.0080762E-01
9.9999970E-01	9.0040594E-01	9.9999964E-01		
3.528743E+01	9.9999899E-01	8.8823944E-01	9.9999970E-01	8.9245981E-01
9.9999970E-01	8.9547843E-01	9.9999964E-01		
3.578743E+01	9.9999899E-01	8.8001448E-01	9.9999970E-01	8.8399935E-01
9.9999970E-01	8.8929582E-01	9.9999964E-01		
3.628743E+01	9.9999899E-01	8.7435812E-01	9.9999970E-01	8.7732905E-01
9.9999970E-01	8.8246942E-01	9.9999964E-01		
3.678743E+01	9.9999899E-01	8.7086558E-01	9.9999970E-01	8.7312627E-01
9.9999970E-01	8.7689102E-01	9.9999964E-01		
3.728743E+01	9.9999899E-01	8.6916173E-01	9.9999970E-01	8.7104762E-01
9.9999970E-01	8.7438327E-01	9.9999964E-01		

3.778743E+01	9.9999899E-01	8.6904478E-01	9.9999970E-01	8.7115103E-01
9.9999970E-01	8.7534463E-01	9.9999964E-01		
3.830806E+01	9.9999899E-01	8.7086707E-01	9.9999970E-01	8.7422717E-01
9.9999970E-01	8.7904543E-01	9.9999964E-01		
3.880806E+01	9.9999899E-01	8.7525296E-01	9.9999970E-01	8.7956744E-01
9.9999970E-01	8.8354421E-01	9.9999964E-01		
3.930806E+01	9.9999899E-01	8.8249815E-01	9.9999970E-01	8.8572931E-01
9.9999970E-01	8.8751239E-01	9.9999964E-01		
3.983299E+01	9.9999899E-01	8.9172965E-01	9.9999970E-01	8.9180392E-01
9.9999970E-01	8.9044958E-01	9.9999964E-01		
4.034888E+01	9.9999899E-01	8.9988285E-01	9.9999970E-01	8.9666420E-01
9.9999970E-01	8.9246792E-01	9.9999964E-01		
4.086869E+01	9.9999899E-01	9.0494114E-01	9.9999970E-01	8.9964217E-01
9.9999970E-01	8.9370507E-01	9.9999964E-01		
4.137451E+01	9.9999899E-01	9.0586644E-01	9.9999970E-01	9.0015721E-01
9.9999970E-01	8.9358908E-01	9.9999964E-01		
4.188536E+01	9.9999899E-01	9.0262753E-01	9.9999970E-01	8.9783764E-01
9.9999970E-01	8.9171499E-01	9.9999964E-01		
4.239460E+01	9.9999899E-01	8.9576501E-01	9.9999970E-01	8.9254272E-01
9.9999970E-01	8.8850284E-01	9.9999964E-01		
4.290141E+01	9.9999899E-01	8.8634229E-01	9.9999970E-01	8.8528293E-01
9.9999970E-01	8.8414228E-01	9.9999964E-01		
4.340367E+01	9.9999899E-01	8.7593180E-01	9.9999970E-01	8.7732118E-01
9.9999970E-01	8.7857443E-01	9.9999964E-01		
4.391029E+01	9.9999899E-01	8.6623973E-01	9.9999970E-01	8.6917812E-01
9.9999970E-01	8.7213117E-01	9.9999964E-01		
4.442013E+01	9.9999899E-01	8.5873032E-01	9.9999970E-01	8.6169767E-01
9.9999970E-01	8.6573100E-01	9.9999964E-01		
4.493227E+01	9.9999899E-01	8.5370761E-01	9.9999970E-01	8.5620749E-01
9.9999970E-01	8.6051899E-01	9.9999964E-01		
4.543827E+01	9.9999899E-01	8.5114610E-01	9.9999970E-01	8.5376185E-01
9.9999970E-01	8.5788101E-01	9.9999964E-01		
4.593893E+01	9.9999899E-01	8.5116827E-01	9.9999970E-01	8.5422963E-01
9.9999970E-01	8.5835522E-01	9.9999964E-01		
4.644418E+01	9.9999899E-01	8.5526931E-01	9.9999970E-01	8.5865211E-01
9.9999970E-01	8.6234093E-01	9.9999964E-01		
4.695213E+01	9.9999899E-01	8.6376548E-01	9.9999970E-01	8.6593598E-01
9.9999970E-01	8.6701351E-01	9.9999964E-01		
4.745940E+01	9.9999899E-01	8.7382323E-01	9.9999970E-01	8.7283468E-01
9.9999970E-01	8.7107807E-01	9.9999964E-01		
4.797015E+01	9.9999899E-01	8.8169605E-01	9.9999970E-01	8.7794006E-01
9.9999970E-01	8.7348175E-01	9.9999964E-01		
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9.9999970E-01	8.7424469E-01	9.9999964E-01		
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9.9999970E-01	8.7303597E-01	9.9999964E-01		
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1.752735E+02	9.9999899E-01	5.9753633E-01	9.9999982E-01	6.0250390E-01
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1.853119E+02	9.9999899E-01	5.8498776E-01	9.9999982E-01	5.8613861E-01
9.9999982E-01	5.9101325E-01	9.9999952E-01		

1.903279E+02	9.9999899E-01	6.4253211E-01	9.9999982E-01	6.3803136E-01
9.9999982E-01	6.3019431E-01	9.9999952E-01		
1.953564E+02	9.9999899E-01	5.5553317E-01	9.9999982E-01	5.6193066E-01
9.9999982E-01	5.6875920E-01	9.9999952E-01		
2.003570E+02	9.9999899E-01	5.8725804E-01	9.9999982E-01	5.9133798E-01
9.9999982E-01	5.9327906E-01	9.9999958E-01		
2.053755E+02	9.9999899E-01	5.9038204E-01	9.9999982E-01	5.9279180E-01
9.9999982E-01	5.9264380E-01	9.9999958E-01		
2.104183E+02	9.9999899E-01	5.1088786E-01	9.9999982E-01	5.1526409E-01
9.9999982E-01	5.2679050E-01	9.9999958E-01		
2.154335E+02	9.9999899E-01	6.2383634E-01	9.9999982E-01	6.1501825E-01
9.9999982E-01	6.0246158E-01	9.9999958E-01		
2.204606E+02	9.9999899E-01	5.1039058E-01	9.9999982E-01	5.1918322E-01
9.9999982E-01	5.3970784E-01	9.9999958E-01		
2.254792E+02	9.9999899E-01	6.8166649E-01	9.9999982E-01	6.6388005E-01
9.9999982E-01	6.3411134E-01	9.9999958E-01		
2.304864E+02	9.9999899E-01	4.8554689E-01	9.9999982E-01	4.9050236E-01
9.9999982E-01	5.0127089E-01	9.9999958E-01		
2.354968E+02	9.9999899E-01	6.4750665E-01	9.9999982E-01	6.2497073E-01
9.9999982E-01	5.9973824E-01	9.9999958E-01		
2.404991E+02	9.9999899E-01	5.1853365E-01	9.9999982E-01	5.1722461E-01
9.9999982E-01	5.2905113E-01	9.9999958E-01		
2.455048E+02	9.9999899E-01	5.1067919E-01	9.9999982E-01	5.2352369E-01
9.9999982E-01	5.3027052E-01	9.9999958E-01		
2.505233E+02	9.9999899E-01	5.5172026E-01	9.9999982E-01	5.5488217E-01
9.9999982E-01	5.5241919E-01	9.9999958E-01		
2.555298E+02	9.9999899E-01	4.8724651E-01	9.9999982E-01	4.9034095E-01
9.9999982E-01	5.0684351E-01	9.9999958E-01		
2.605788E+02	9.9999899E-01	5.7412755E-01	9.9999982E-01	5.8162820E-01
9.9999982E-01	5.6586230E-01	9.9999958E-01		
2.656043E+02	9.9999899E-01	4.1135392E-01	9.9999982E-01	4.1440856E-01
9.9999982E-01	4.2665973E-01	9.9999958E-01		
2.706539E+02	9.9999899E-01	6.9027787E-01	9.9999982E-01	6.5926856E-01
9.9999982E-01	6.1794418E-01	9.9999958E-01		
2.756957E+02	9.9999899E-01	4.5891631E-01	9.9999982E-01	5.0089419E-01
9.9999982E-01	5.2627188E-01	9.9999958E-01		
2.807159E+02	9.9999899E-01	4.6910846E-01	9.9999982E-01	4.6445593E-01
9.9999982E-01	4.9072894E-01	9.9999958E-01		
2.857581E+02	9.9999899E-01	5.9070075E-01	9.9999982E-01	5.8220160E-01
9.9999982E-01	5.6626469E-01	9.9999964E-01		
2.907736E+02	9.9999899E-01	4.7591713E-01	9.9999982E-01	4.6057811E-01
9.9999982E-01	4.8338038E-01	9.9999964E-01		
2.957799E+02	9.9999899E-01	4.2720744E-01	9.9999982E-01	4.7498959E-01
9.9999982E-01	4.8759443E-01	9.9999964E-01		
3.007857E+02	9.9999899E-01	5.7601547E-01	9.9999982E-01	5.4001170E-01
9.9999982E-01	5.1614809E-01	9.9999964E-01		
3.058138E+02	9.9999899E-01	4.9200422E-01	9.9999982E-01	5.0231409E-01
9.9999982E-01	5.0462621E-01	9.9999982E-01		
3.108138E+02	9.9999899E-01	4.4640687E-01	9.9999982E-01	4.9122834E-01
9.9999982E-01	4.9065891E-01	9.9999976E-01		
3.158304E+02	9.9999899E-01	4.0838951E-01	9.9999982E-01	4.5023358E-01
9.9999982E-01	4.6990573E-01	9.9999982E-01		
3.208480E+02	9.9999899E-01	8.6034268E-01	9.9999982E-01	8.2871664E-01
9.9999982E-01	6.8131137E-01	9.9999940E-01		
3.258746E+02	9.9999899E-01	7.0104671E-01	9.9999982E-01	6.3487124E-01
9.9999982E-01	5.1742631E-01	9.9999982E-01		

3.308900E+02	9.9999899E-01	2.5639623E-01	9.9999988E-01	3.0877274E-01
9.9999988E-01	3.2601330E-01	9.9999982E-01		
3.358961E+02	9.9999899E-01	1.8722296E-01	9.9999988E-01	3.3113572E-01
9.9999988E-01	3.9347881E-01	9.9999982E-01		
3.409074E+02	9.9999899E-01	6.3086224E-01	9.9999988E-01	5.4150897E-01
9.9999988E-01	5.0351101E-01	9.9999982E-01		
3.459233E+02	9.9999899E-01	3.5436103E-01	9.9999988E-01	4.6054113E-01
9.9999988E-01	4.6730286E-01	9.9999982E-01		
3.509260E+02	9.9999899E-01	3.5062072E-01	9.9999988E-01	3.8839230E-01
9.9999988E-01	4.0845531E-01	9.9999982E-01		
3.559283E+02	9.9999899E-01	4.9387848E-01	9.9999988E-01	4.7945997E-01
9.9999988E-01	4.6810317E-01	9.9999982E-01		
3.609366E+02	9.9999899E-01	5.9794712E-01	9.9999988E-01	5.6288356E-01
9.9999988E-01	4.9681970E-01	9.9999988E-01		
3.659482E+02	9.9999899E-01	5.9202814E-01	9.9999988E-01	5.6478691E-01
9.9999988E-01	5.1763457E-01	9.9999988E-01		
3.709486E+02	9.9999899E-01	7.1866554E-01	9.9999988E-01	6.8137014E-01
9.9999988E-01	5.8346975E-01	9.9999988E-01		
3.759580E+02	9.9999899E-01	6.9292462E-01	9.9999988E-01	5.8513570E-01
9.9999988E-01	4.7457817E-01	9.9999988E-01		
3.809612E+02	9.9999899E-01	7.4106777E-01	9.9999988E-01	6.7329395E-01
9.9999988E-01	5.5054241E-01	9.9999988E-01		
3.859788E+02	9.9999899E-01	4.7971496E-01	9.9999988E-01	5.0770503E-01
9.9999988E-01	5.3083026E-01	9.9999988E-01		
3.910090E+02	9.9999899E-01	2.8529832E-01	9.9999988E-01	3.1329623E-01
9.9999988E-01	4.0118647E-01	9.9999988E-01		
3.960181E+02	9.9999899E-01	3.2155654E-01	9.9999988E-01	3.4324497E-01
9.9999988E-01	3.9767382E-01	9.9999988E-01		
4.010229E+02	9.9999899E-01	5.8843637E-01	9.9999988E-01	5.4647368E-01
9.9999988E-01	4.9347037E-01	9.9999988E-01		
4.060714E+02	9.9999899E-01	3.9703372E-01	9.9999988E-01	4.2824602E-01
9.9999988E-01	4.5019460E-01	9.9999988E-01		
4.111179E+02	9.9999899E-01	2.4361500E-01	9.9999988E-01	2.4710004E-01
9.9999988E-01	3.2406911E-01	9.9999988E-01		
4.161518E+02	9.9999899E-01	2.5913304E-01	9.9999988E-01	2.8599399E-01
9.9999988E-01	3.0156082E-01	9.9999988E-01		
4.211620E+02	9.9999899E-01	3.5830250E-01	9.9999988E-01	3.6123019E-01
9.9999988E-01	3.7834778E-01	9.9999988E-01		
4.261913E+02	9.9999899E-01	5.0365090E-01	9.9999988E-01	5.0185114E-01
9.9999988E-01	4.8786563E-01	9.9999988E-01		
4.311930E+02	9.9999899E-01	4.1461059E-01	9.9999988E-01	4.3711573E-01
9.9999988E-01	4.4625077E-01	9.9999988E-01		
4.361968E+02	9.9999899E-01	2.7750850E-01	9.9999988E-01	2.7501574E-01
9.9999988E-01	3.4336391E-01	9.9999988E-01		
4.412443E+02	9.9999899E-01	5.6266814E-01	9.9999988E-01	5.0750375E-01
9.9999988E-01	4.6207494E-01	9.9999988E-01		
4.462449E+02	9.9999899E-01	3.0692941E-01	9.9999988E-01	3.6642283E-01
9.9999988E-01	3.9605111E-01	9.9999988E-01		
4.512502E+02	9.9999899E-01	2.9034367E-01	9.9999988E-01	3.1937569E-01
9.9999988E-01	3.3886987E-01	9.9999988E-01		
4.562851E+02	9.9999899E-01	5.2485371E-01	9.9999988E-01	4.9655458E-01
9.9999988E-01	4.6681252E-01	9.9999988E-01		
4.613121E+02	9.9999899E-01	3.8610908E-01	9.9999988E-01	3.9808115E-01
9.9999988E-01	4.0519726E-01	9.9999988E-01		
4.663397E+02	9.9999899E-01	2.8685963E-01	9.9999988E-01	2.9214671E-01
9.9999988E-01	3.0325657E-01	9.9999988E-01		

4.713776E+02 9.9999899E-01 4.1275439E-01 9.9999988E-01 4.3417254E-01
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1.184122E+03	9.9999899E-01	0.0000000E+00	6.2746781E-01	0.0000000E+00
6.2768233E-01	0.0000000E+00	6.2797546E-01		
1.189164E+03	9.9999899E-01	0.0000000E+00	6.2219429E-01	0.0000000E+00
6.2190908E-01	0.0000000E+00	6.2149900E-01		
1.194184E+03	9.9999899E-01	0.0000000E+00	6.1325890E-01	0.0000000E+00
6.1345184E-01	0.0000000E+00	6.1365348E-01		
1.199231E+03	9.9999899E-01	1.2236890E-07	6.0891360E-01	1.0907634E-07
6.0841310E-01	7.2919093E-09	6.0767317E-01		
1.204231E+03	9.9999899E-01	0.0000000E+00	5.9806138E-01	0.0000000E+00
5.9822404E-01	0.0000000E+00	5.9851635E-01		
1.209231E+03	9.9999899E-01	0.0000000E+00	5.9226716E-01	0.0000000E+00
5.9207493E-01	0.0000000E+00	5.9182066E-01		
1.214231E+03	9.9999899E-01	0.0000000E+00	5.8510172E-01	0.0000000E+00
5.8501142E-01	0.0000000E+00	5.8485860E-01		
1.219231E+03	9.9999899E-01	0.0000000E+00	5.7749695E-01	0.0000000E+00
5.7740247E-01	0.0000000E+00	5.7726741E-01		
1.224231E+03	9.9999899E-01	0.0000000E+00	5.7179409E-01	0.0000000E+00
5.7138932E-01	0.0000000E+00	5.7085562E-01		
1.229231E+03	9.9999899E-01	6.6219843E-07	5.6465292E-01	6.7885219E-07
5.6430715E-01	6.7368336E-07	5.6379652E-01		
1.234231E+03	9.9999899E-01	3.5121252E-07	5.5699390E-01	3.3119190E-07
5.5696112E-01	3.1210624E-07	5.5687290E-01		
1.239231E+03	9.9999899E-01	9.4013572E-08	5.5044997E-01	6.8969683E-08
5.5031371E-01	7.9454495E-08	5.5010331E-01		
1.244231E+03	9.9999899E-01	2.4819741E-07	5.4521602E-01	2.4490390E-07
5.4485297E-01	2.4626112E-07	5.4434484E-01		
1.249231E+03	9.9999899E-01	2.6188530E-07	5.3872293E-01	2.6730885E-07
5.3855824E-01	2.5683005E-07	5.3829879E-01		
1.254231E+03	9.9999899E-01	1.0549850E-06	5.3568071E-01	1.0657243E-06
5.3525287E-01	1.0187081E-06	5.3449768E-01		
1.259231E+03	9.9999899E-01	5.4082386E-07	5.2951187E-01	5.5489579E-07
5.2934152E-01	5.3782338E-07	5.2908230E-01		
1.264231E+03	9.9999899E-01	4.4904903E-07	5.2197957E-01	4.6038457E-07
5.2219719E-01	4.4418960E-07	5.2264947E-01		
1.269231E+03	9.9999899E-01	1.1992320E-06	5.2261978E-01	1.1986085E-06
5.2203828E-01	1.2018169E-06	5.2101344E-01		
1.274231E+03	9.9999899E-01	1.4392879E-06	5.1756406E-01	1.3736758E-06
5.1729178E-01	1.4641496E-06	5.1679116E-01		
1.279231E+03	9.9999899E-01	1.0595196E-06	5.1203644E-01	1.1152752E-06
5.1204371E-01	1.1165564E-06	5.1197666E-01		
1.284231E+03	9.9999899E-01	8.5899478E-07	5.0796533E-01	8.7158668E-07
5.0780666E-01	8.5507270E-07	5.0766224E-01		
1.289231E+03	9.9999899E-01	8.6483681E-07	5.0460976E-01	8.4779595E-07
5.0428712E-01	8.4818157E-07	5.0387222E-01		
1.294280E+03	9.9999899E-01	7.1606826E-07	5.0033158E-01	7.9035692E-07
5.0025636E-01	7.8609332E-07	5.0013787E-01		
1.299280E+03	9.9999899E-01	5.1616144E-07	4.9040797E-01	5.4600224E-07
4.8993447E-01	5.1703216E-07	4.9046260E-01		
1.304280E+03	9.9999899E-01	1.0096087E-06	4.7419795E-01	1.0561132E-06
4.7709557E-01	1.0783153E-06	4.8246121E-01		
1.309280E+03	9.9999899E-01	7.9945880E-07	4.7716936E-01	7.8776952E-07
4.7861779E-01	7.9088886E-07	4.8226440E-01		

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4.8215199E-01 7.7574282E-07 4.8272949E-01
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1.965832E+03	9.9999899E-01	0.0000000E+00	6.7039162E-02	0.0000000E+00
7.2372682E-02	0.0000000E+00	7.5598419E-02		
1.970878E+03	9.9999899E-01	0.0000000E+00	6.8502158E-02	0.0000000E+00
7.2114818E-02	0.0000000E+00	7.4010760E-02		
1.975889E+03	9.9999899E-01	0.0000000E+00	8.5160218E-02	0.0000000E+00
7.1030974E-02	0.0000000E+00	6.3936383E-02		
1.980934E+03	9.9999899E-01	0.0000000E+00	7.3282719E-02	0.0000000E+00
7.4038550E-02	0.0000000E+00	6.8042770E-02		
1.985934E+03	9.9999899E-01	0.0000000E+00	5.8437128E-02	0.0000000E+00
6.4911500E-02	0.0000000E+00	8.1028432E-02		
1.990934E+03	9.9999899E-01	0.0000000E+00	5.3438194E-02	0.0000000E+00
6.4855009E-02	1.4606267E-08	8.1482925E-02		
1.995934E+03	9.9999899E-01	0.0000000E+00	6.6576183E-02	1.1944651E-08
6.7017101E-02	0.0000000E+00	7.0827410E-02		
2.000034E+03	9.9999899E-01	0.0000000E+00	7.7960931E-02	9.3357659E-09
6.6245444E-02	0.0000000E+00	6.3556276E-02		

TIME (sec)	ALP992204	ALP992304	ALP992907	ALP992908
ALP993007	ALP993008	ALP993107		
1.000000E-10	9.9982798E-01	1.0000000E+00	9.4999999E-01	9.4999999E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

1.003469E-01	9.9982798E-01	1.0000000E+00	9.4990975E-01	9.5003802E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.016405E-01	9.9982768E-01	1.0000000E+00	9.4982600E-01	9.5010549E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.143499E-01	9.9982715E-01	1.0000000E+00	9.4966990E-01	9.5015287E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.176774E-01	9.9982709E-01	1.0000000E+00	9.4940037E-01	9.5013082E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.179474E-01	9.9982673E-01	1.0000000E+00	9.4892728E-01	9.5001405E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.236274E-01	9.9982619E-01	1.0000000E+00	9.4808030E-01	9.4973379E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.657229E-01	9.9982554E-01	9.9999982E-01	9.4609183E-01	9.4897014E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.878756E-01	9.9982470E-01	9.9999928E-01	9.4351304E-01	9.4788998E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.933645E-01	9.9982369E-01	9.9999827E-01	9.4057494E-01	9.4658840E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.524044E+00	9.9980563E-01	9.9998593E-01	9.1263944E-01	9.3240970E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.030162E+00	9.9971950E-01	9.9996406E-01	8.5835898E-01	9.0066648E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.550346E+00	9.9938071E-01	9.9992239E-01	7.7855968E-01	8.4653056E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.062366E+00	9.9837047E-01	9.9987394E-01	7.1881443E-01	7.9411137E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.562366E+00	9.9650550E-01	9.9982268E-01	6.9500256E-01	7.6728272E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.082775E+00	9.9466079E-01	9.9980766E-01	6.9049895E-01	7.6976895E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.604100E+00	9.9370974E-01	9.9988019E-01	6.8442512E-01	7.8803784E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.125216E+00	9.9330997E-01	9.9994373E-01	6.7177856E-01	7.9739928E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.625216E+00	9.9294770E-01	9.9997032E-01	6.5806729E-01	7.8360957E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.125216E+00	9.9182671E-01	9.9998403E-01	6.4970094E-01	7.5386369E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.625216E+00	9.8793107E-01	9.9999058E-01	6.4923924E-01	7.2544146E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.125216E+00	9.8020309E-01	9.9999303E-01	6.5436071E-01	7.1052945E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.625216E+00	9.7233468E-01	9.9999416E-01	6.6237652E-01	7.1049434E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.125216E+00	9.6692544E-01	9.9999511E-01	6.7021966E-01	7.1719241E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.625216E+00	9.6349305E-01	9.9999630E-01	6.7623550E-01	7.2052687E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.146049E+00	9.6071184E-01	9.9999738E-01	6.8165004E-01	7.1643698E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.646049E+00	9.5769322E-01	9.9999827E-01	6.8610024E-01	7.0845371E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.014605E+01	9.5359015E-01	9.9999857E-01	6.8945652E-01	7.0110190E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.064605E+01	9.4789523E-01	9.9999857E-01	6.9171941E-01	6.9797540E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

1.114605E+01	9.4003910E-01	9.9999863E-01	6.9312346E-01	6.9960397E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.164605E+01	9.2991829E-01	9.9999869E-01	6.9450384E-01	7.0371282E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.214605E+01	9.2049491E-01	9.9999887E-01	6.9698501E-01	7.0748228E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.264605E+01	9.2498869E-01	9.9999893E-01	7.0090228E-01	7.0918024E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.314605E+01	9.3419629E-01	9.9999839E-01	7.0587307E-01	7.0936072E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.364605E+01	9.3584782E-01	9.9999827E-01	7.1107525E-01	7.0981795E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.414605E+01	9.3500626E-01	9.9999827E-01	7.1583724E-01	7.1214730E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.464605E+01	9.3516594E-01	9.9999827E-01	7.2003895E-01	7.1662295E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.514605E+01	9.3473601E-01	9.9999881E-01	7.2409970E-01	7.2218853E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.564605E+01	9.3152976E-01	9.9999958E-01	7.2860515E-01	7.2736096E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.614605E+01	9.2609698E-01	9.9999958E-01	7.3384726E-01	7.3128116E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.664605E+01	9.2321515E-01	9.9999964E-01	7.3949605E-01	7.3414868E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.714605E+01	9.2444414E-01	9.9999964E-01	7.4489319E-01	7.3684925E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.764605E+01	9.2491657E-01	9.9999964E-01	7.4989009E-01	7.4050659E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.814605E+01	9.2439282E-01	9.9999964E-01	7.5423354E-01	7.4529606E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.864605E+01	9.2285281E-01	9.9999964E-01	7.5810188E-01	7.5061846E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.914605E+01	9.1927010E-01	9.9999964E-01	7.6187479E-01	7.5557196E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.964605E+01	9.1443664E-01	9.9999964E-01	7.6570588E-01	7.6099634E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.014605E+01	9.0993649E-01	9.9999964E-01	7.6944792E-01	7.6657248E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.064605E+01	9.0655231E-01	9.9999964E-01	7.7300751E-01	7.7146977E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.114605E+01	9.0572947E-01	9.9999964E-01	7.7616125E-01	7.7640027E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.164605E+01	9.0987527E-01	9.9999964E-01	7.7889985E-01	7.8174394E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.214605E+01	9.1486561E-01	9.9999964E-01	7.8133392E-01	7.8705812E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.266648E+01	9.1658992E-01	9.9999958E-01	7.8374785E-01	7.9158276E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.318409E+01	9.1558129E-01	9.9999952E-01	7.8634137E-01	7.9425061E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.368409E+01	9.1434956E-01	9.9999946E-01	7.8907830E-01	7.9576367E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.418409E+01	9.1347474E-01	9.9999934E-01	7.9184818E-01	7.9692948E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.468420E+01	9.1281110E-01	9.9999928E-01	7.9529774E-01	7.9885691E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

2.518866E+01	9.1295624E-01	9.9999899E-01	7.9831886E-01	8.0026650E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.570592E+01	9.1286922E-01	9.9999857E-01	8.0073392E-01	8.0264318E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.622136E+01	9.1261286E-01	9.9999774E-01	8.0179292E-01	8.0741775E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.673972E+01	9.1063511E-01	9.9999714E-01	8.0027890E-01	8.1075186E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.724740E+01	9.0712613E-01	9.9999714E-01	8.0185372E-01	8.1327015E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.776852E+01	9.0397292E-01	9.9999690E-01	8.0565012E-01	8.1382030E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.828743E+01	8.9808279E-01	9.9999589E-01	8.0885637E-01	8.1270069E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.878743E+01	8.9703059E-01	9.9999589E-01	8.1117278E-01	8.1266880E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.928743E+01	8.9974415E-01	9.9999589E-01	8.1246585E-01	8.1500769E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.978743E+01	8.9948231E-01	9.9999589E-01	8.1296253E-01	8.1923765E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.028743E+01	9.0030360E-01	9.9999589E-01	8.1338030E-01	8.2359302E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.078743E+01	9.0395319E-01	9.9999583E-01	8.1438249E-01	8.2630026E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.128743E+01	9.0543038E-01	9.9999535E-01	8.1613934E-01	8.2679141E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.178743E+01	9.0395570E-01	9.9999475E-01	8.1826031E-01	8.2598466E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.228743E+01	9.0227127E-01	9.9999410E-01	8.2012922E-01	8.2553506E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.278743E+01	9.0144342E-01	9.9999332E-01	8.2134366E-01	8.2666773E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.328743E+01	9.0057582E-01	9.9999267E-01	8.2197291E-01	8.2943290E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.378743E+01	8.9956528E-01	9.9999207E-01	8.2246488E-01	8.3279204E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.428743E+01	8.9899796E-01	9.9999166E-01	8.2330757E-01	8.3539259E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.478743E+01	8.9791751E-01	9.9999142E-01	8.2470238E-01	8.3644396E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.528743E+01	8.9562482E-01	9.9999130E-01	8.2647085E-01	8.3625299E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.578743E+01	8.9276469E-01	9.9999124E-01	8.2818699E-01	8.3582056E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.628743E+01	8.8965720E-01	9.9999124E-01	8.2947928E-01	8.3612621E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.678743E+01	8.8632590E-01	9.9999124E-01	8.3026296E-01	8.3750242E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.728743E+01	8.8380599E-01	9.9999154E-01	8.3077115E-01	8.3950943E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.778743E+01	8.8368022E-01	9.9999183E-01	8.3138174E-01	8.4131652E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.830806E+01	8.8562095E-01	9.9999219E-01	8.3241642E-01	8.4231234E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.880806E+01	8.8674527E-01	9.9999249E-01	8.3378232E-01	8.4238410E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

3.930806E+01	8.8699281E-01	9.9999267E-01	8.3527941E-01	8.4212565E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.983299E+01	8.8724428E-01	9.9999273E-01	8.3665633E-01	8.4222126E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.034888E+01	8.8691628E-01	9.9999273E-01	8.3763689E-01	8.4306020E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.086869E+01	8.8562036E-01	9.9999273E-01	8.3831656E-01	8.4445769E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.137451E+01	8.8423222E-01	9.9999273E-01	8.3890682E-01	8.4579307E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.188536E+01	8.8342714E-01	9.9999267E-01	8.3964300E-01	8.4659630E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.239460E+01	8.8238633E-01	9.9999261E-01	8.4056753E-01	8.4670997E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.290141E+01	8.8052213E-01	9.9999261E-01	8.4156722E-01	8.4643412E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.340367E+01	8.7809020E-01	9.9999261E-01	8.4245765E-01	8.4625804E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.391029E+01	8.7493467E-01	9.9999279E-01	8.4313923E-01	8.4653634E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.442013E+01	8.7135208E-01	9.9999309E-01	8.4362429E-01	8.4730589E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.493227E+01	8.6835438E-01	9.9999338E-01	8.4403545E-01	8.4826654E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.543827E+01	8.6642307E-01	9.9999356E-01	8.4451646E-01	8.4901267E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.593893E+01	8.6577374E-01	9.9999374E-01	8.4511828E-01	8.4933001E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.644418E+01	8.6603248E-01	9.9999374E-01	8.4578925E-01	8.4928590E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.695213E+01	8.6770618E-01	9.9999374E-01	8.4639609E-01	8.4911579E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.745940E+01	8.6780071E-01	9.9999380E-01	8.4681320E-01	8.4912837E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.797015E+01	8.6756581E-01	9.9999416E-01	8.4700912E-01	8.4945917E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.847311E+01	8.6687827E-01	9.9999422E-01	8.4703714E-01	8.4994423E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.898312E+01	8.6474407E-01	9.9999422E-01	8.4706688E-01	8.5035902E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.948804E+01	8.6283994E-01	9.9999422E-01	8.4719056E-01	8.5049194E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.999225E+01	8.6073071E-01	9.9999422E-01	8.4745842E-01	8.5037404E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.049424E+01	8.5788035E-01	9.9999422E-01	8.4779906E-01	8.5018492E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.099622E+01	8.5460246E-01	9.9999422E-01	8.4808689E-01	8.5012674E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.149626E+01	8.5096127E-01	9.9999422E-01	8.4823561E-01	8.5029733E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.199947E+01	8.4799683E-01	9.9999422E-01	8.4824985E-01	8.5064691E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.250106E+01	8.4666175E-01	9.9999422E-01	8.4816772E-01	8.5102558E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.300600E+01	8.4701180E-01	9.9999422E-01	8.4808856E-01	8.5123384E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

5.351564E+01	8.4837472E-01	9.9999422E-01	8.4816676E-01	8.5124797E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.402672E+01	8.4915060E-01	9.9999410E-01	8.4858096E-01	8.5137314E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.452872E+01	8.4844005E-01	9.9999404E-01	8.4815651E-01	8.5081398E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.503849E+01	8.4714061E-01	9.9999392E-01	8.4726542E-01	8.4977537E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.554660E+01	8.4555268E-01	9.9999380E-01	8.4648365E-01	8.4879088E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.606082E+01	8.4382480E-01	9.9999374E-01	8.4600496E-01	8.4875917E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.657179E+01	8.4216583E-01	9.9999362E-01	8.4519672E-01	8.4909689E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.707279E+01	8.3971930E-01	9.9999344E-01	8.4498316E-01	8.5017753E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.758298E+01	8.3630741E-01	9.9999326E-01	8.4525996E-01	8.5105091E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.810007E+01	8.3257699E-01	9.9999315E-01	8.4538174E-01	8.5077208E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.860656E+01	8.2956153E-01	9.9999297E-01	8.4540421E-01	8.4996796E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.912025E+01	8.2789987E-01	9.9999285E-01	8.4552503E-01	8.4945172E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.962025E+01	8.2768029E-01	9.9999273E-01	8.4572709E-01	8.4954828E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.012025E+01	8.2812381E-01	9.9999267E-01	8.4577847E-01	8.4995043E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.062025E+01	8.2848233E-01	9.9999261E-01	8.4584224E-01	8.5038024E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.112025E+01	8.2843047E-01	9.9999261E-01	8.4603244E-01	8.5052508E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.162025E+01	8.2792407E-01	9.9999261E-01	8.4638220E-01	8.5029542E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.212025E+01	8.2717752E-01	9.9999261E-01	8.4680992E-01	8.4985816E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.262025E+01	8.2642102E-01	9.9999261E-01	8.4717160E-01	8.4949833E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.312025E+01	8.2561111E-01	9.9999261E-01	8.4735113E-01	8.4942466E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.362025E+01	8.2452923E-01	9.9999267E-01	8.4732753E-01	8.4963584E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.412025E+01	8.2284468E-01	9.9999279E-01	8.4717655E-01	8.4993213E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.462025E+01	8.2055253E-01	9.9999297E-01	8.4701681E-01	8.5005552E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.514344E+01	8.1770533E-01	9.9999309E-01	8.4692281E-01	8.4983838E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.566270E+01	8.1472397E-01	9.9999326E-01	8.4688890E-01	8.4932822E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.618295E+01	8.1206197E-01	9.9999350E-01	8.4684914E-01	8.4876502E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.668818E+01	8.1013638E-01	9.9999368E-01	8.4673285E-01	8.4840530E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.719306E+01	8.0893880E-01	9.9999392E-01	8.4652126E-01	8.4832948E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

6.770707E+01	8.0843663E-01	9.9999416E-01	8.4626091E-01	8.4845573E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.821601E+01	8.0868369E-01	9.9999446E-01	8.4603959E-01	8.4858149E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.872067E+01	8.0930865E-01	9.9999475E-01	8.4589589E-01	8.4852582E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.922510E+01	8.0995512E-01	9.9999499E-01	8.4581852E-01	8.4824622E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.973701E+01	8.1043136E-01	9.9999529E-01	8.4574622E-01	8.4783310E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.023885E+01	8.1037831E-01	9.9999553E-01	8.4560460E-01	8.4745431E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.074079E+01	8.0966812E-01	9.9999577E-01	8.4535944E-01	8.4720963E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.124079E+01	8.0866551E-01	9.9999595E-01	8.4501749E-01	8.4708470E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.175066E+01	8.0782223E-01	9.9999624E-01	8.4464562E-01	8.4698313E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.227091E+01	8.0636096E-01	9.9999648E-01	8.4434170E-01	8.4681356E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.277091E+01	8.0326509E-01	9.9999678E-01	8.4416169E-01	8.4652555E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.327091E+01	8.0110997E-01	9.9999702E-01	8.4405977E-01	8.4616339E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.377091E+01	7.9929870E-01	9.9999714E-01	8.4398681E-01	8.4584284E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.427091E+01	7.9696399E-01	9.9999732E-01	8.4386837E-01	8.4564704E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.478299E+01	7.9461992E-01	9.9999708E-01	8.4366912E-01	8.4558403E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.528299E+01	7.9526347E-01	9.9999726E-01	8.4337467E-01	8.4554279E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.578299E+01	7.9769963E-01	9.9999750E-01	8.4300154E-01	8.4537536E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.628299E+01	7.9882962E-01	9.9999750E-01	8.4257805E-01	8.4498549E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.678299E+01	8.0000550E-01	9.9999714E-01	8.4212184E-01	8.4438366E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.728299E+01	8.0152500E-01	9.9999577E-01	8.4164381E-01	8.4368545E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.778299E+01	8.0177730E-01	9.9999428E-01	8.4116775E-01	8.4305811E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.830791E+01	8.0074137E-01	9.9999350E-01	8.4065711E-01	8.4258044E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.880791E+01	7.9982889E-01	9.9999309E-01	8.4015751E-01	8.4228444E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.930791E+01	7.9919606E-01	9.9999285E-01	8.3966488E-01	8.4204262E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.980791E+01	7.9817718E-01	9.9999261E-01	8.3927065E-01	8.4177679E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.030791E+01	7.9674840E-01	9.9999237E-01	8.3902133E-01	8.4146225E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.080791E+01	7.9447764E-01	9.9999201E-01	8.3867610E-01	8.4100574E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.130791E+01	7.9134881E-01	9.9999130E-01	8.3829981E-01	8.4052187E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

8.180791E+01	7.8855258E-01	9.9999022E-01	8.3790553E-01	8.4008652E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.230791E+01	7.8671861E-01	9.9998903E-01	8.3749700E-01	8.3972675E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.280791E+01	7.8556901E-01	9.9998784E-01	8.3714557E-01	8.3946115E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.330791E+01	7.8550982E-01	9.9998689E-01	8.3684283E-01	8.3923995E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.380791E+01	7.8690875E-01	9.9998623E-01	8.3655429E-01	8.3900189E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.430791E+01	7.8802872E-01	9.9998593E-01	8.3625650E-01	8.3871329E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.483009E+01	7.8795695E-01	9.9998581E-01	8.3591855E-01	8.3835417E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.533189E+01	7.8791904E-01	9.9998581E-01	8.3555824E-01	8.3796996E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.583189E+01	7.8792268E-01	9.9998593E-01	8.3516765E-01	8.3757168E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.634407E+01	7.8709167E-01	9.9998629E-01	8.3473527E-01	8.3715576E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.686680E+01	7.8587776E-01	9.9998653E-01	8.3431792E-01	8.3674723E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.738983E+01	7.8503025E-01	9.9998689E-01	8.3389866E-01	8.3632767E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.789572E+01	7.8317052E-01	9.9998713E-01	8.3353704E-01	8.3592981E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.841684E+01	7.7978760E-01	9.9998748E-01	8.3322847E-01	8.3554924E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.892328E+01	7.7646893E-01	9.9998754E-01	8.3301938E-01	8.3524793E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.943372E+01	7.7357918E-01	9.9998790E-01	8.3288336E-01	8.3502901E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.995622E+01	7.7190149E-01	9.9998814E-01	8.3277082E-01	8.3487815E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.045622E+01	7.7077508E-01	9.9998844E-01	8.3264118E-01	8.3475482E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.096755E+01	7.6949960E-01	9.9998873E-01	8.3246714E-01	8.3459508E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.146755E+01	7.7004862E-01	9.9998909E-01	8.3225954E-01	8.3435863E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.196755E+01	7.7140707E-01	9.9998933E-01	8.3202726E-01	8.3403188E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.248622E+01	7.7165860E-01	9.9998951E-01	8.3177018E-01	8.3362561E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.299437E+01	7.7220535E-01	9.9998963E-01	8.3147490E-01	8.3319396E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.350123E+01	7.7249694E-01	9.9998963E-01	8.3115733E-01	8.3278513E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.401919E+01	7.7100939E-01	9.9998963E-01	8.3085877E-01	8.3243346E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.453943E+01	7.6926702E-01	9.9998963E-01	8.3073205E-01	8.3223724E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.504118E+01	7.6755422E-01	9.9998963E-01	8.3075982E-01	8.3216494E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.554896E+01	7.6459897E-01	9.9998939E-01	8.3033329E-01	8.3172035E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

9.604896E+01	7.6197898E-01	9.9998927E-01	8.3018392E-01	8.3165008E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.654896E+01	7.5931108E-01	9.9998921E-01	8.3007067E-01	8.3148324E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.706335E+01	7.5605565E-01	9.9998909E-01	8.2988209E-01	8.3127230E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.758144E+01	7.5372785E-01	9.9998897E-01	8.2963389E-01	8.3102322E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.808710E+01	7.5400007E-01	9.9998897E-01	8.2935160E-01	8.3074129E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.859486E+01	7.5571638E-01	9.9998885E-01	8.2904422E-01	8.3039820E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.910259E+01	7.5819635E-01	9.9998879E-01	8.2877088E-01	8.3003962E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.960883E+01	7.5926530E-01	9.9998868E-01	8.2847285E-01	8.2963729E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.050470E+02	7.3652226E-01	9.9998677E-01	8.2617676E-01	8.2708538E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.100490E+02	7.3607486E-01	9.9998569E-01	8.2398558E-01	8.2502687E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.150536E+02	7.3157376E-01	9.9998575E-01	8.2713586E-01	8.2364494E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.200844E+02	7.0966440E-01	9.9998486E-01	8.2851005E-01	8.3324689E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.251066E+02	7.0931858E-01	9.9998504E-01	8.2776225E-01	8.2826245E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.301141E+02	6.9185126E-01	9.9998415E-01	8.2586557E-01	8.2563400E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.351283E+02	6.8861115E-01	9.9998569E-01	8.2268643E-01	8.2610381E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.401329E+02	6.7426223E-01	9.9998671E-01	8.2124257E-01	8.2235086E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.451352E+02	6.6935861E-01	9.9998695E-01	8.1865394E-01	8.2048404E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.501399E+02	6.6073865E-01	9.9998730E-01	8.1624103E-01	8.1886679E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.551709E+02	6.4955240E-01	9.9998832E-01	8.1475961E-01	8.1645566E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.602165E+02	6.4421970E-01	9.9998891E-01	8.1306034E-01	8.1518584E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.652350E+02	6.3406676E-01	9.9998945E-01	8.1150067E-01	8.1351399E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.702598E+02	6.2808210E-01	9.9998987E-01	8.0988091E-01	8.1145209E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.752735E+02	6.2023377E-01	9.9999017E-01	8.0813396E-01	8.0968463E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.802951E+02	6.1725408E-01	9.9999076E-01	8.0649078E-01	8.0785424E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.853119E+02	6.0344106E-01	9.9999148E-01	8.0509937E-01	8.0633914E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.903279E+02	6.0786074E-01	9.9999201E-01	8.0370063E-01	8.0490804E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.953564E+02	5.8811545E-01	9.9999213E-01	8.0218369E-01	8.0330402E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.003570E+02	5.9261912E-01	9.9999255E-01	8.0065078E-01	8.0162245E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

2.053755E+02	5.8793128E-01	9.9999267E-01	7.9931128E-01	8.0009061E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.104183E+02	5.7303047E-01	9.9999285E-01	7.9815763E-01	7.9888511E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.154335E+02	5.8144265E-01	9.9999297E-01	7.9709899E-01	7.9781097E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.204606E+02	5.6898469E-01	9.9999291E-01	7.9596978E-01	7.9662979E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.254792E+02	5.7135892E-01	9.9999291E-01	7.9472786E-01	7.9533345E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.304864E+02	5.3973883E-01	9.9999267E-01	7.9336774E-01	7.9397094E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.354968E+02	5.7488817E-01	9.9999303E-01	7.9224682E-01	7.9283160E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.404991E+02	5.5456448E-01	9.9999255E-01	7.9129833E-01	7.9195261E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.455048E+02	5.4242504E-01	9.9999297E-01	7.9033118E-01	7.9107428E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.505233E+02	5.3958160E-01	9.9999249E-01	7.8929150E-01	7.9004133E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.555298E+02	5.1918930E-01	9.9999255E-01	7.8816360E-01	7.8890860E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.605788E+02	5.3080934E-01	9.9999231E-01	7.8713483E-01	7.8788817E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.656043E+02	4.7509390E-01	9.9999195E-01	7.8633189E-01	7.8710186E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.706539E+02	5.3907621E-01	9.9999225E-01	7.8556901E-01	7.8640836E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.756957E+02	5.3448111E-01	9.9999166E-01	7.8474867E-01	7.8557372E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.807159E+02	5.2843523E-01	9.9999177E-01	7.8380215E-01	7.8456825E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.857581E+02	5.4162824E-01	9.9999052E-01	7.8284168E-01	7.8356045E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.907736E+02	5.1121956E-01	9.9999017E-01	7.8209490E-01	7.8279078E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.957799E+02	4.9727389E-01	9.9999094E-01	7.8153712E-01	7.8221363E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.007857E+02	4.6949482E-01	9.9999028E-01	7.8090990E-01	7.8157932E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.058138E+02	5.0461650E-01	9.9998903E-01	7.8031266E-01	7.8050035E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.108138E+02	5.1221991E-01	9.9999094E-01	7.7924699E-01	7.8014678E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.158304E+02	4.9795246E-01	9.9998802E-01	7.7871597E-01	7.7899319E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.208480E+02	4.4038811E-01	9.9993736E-01	7.7797329E-01	7.7879530E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.258746E+02	3.7964615E-01	9.9997681E-01	7.7756357E-01	7.7807164E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.308900E+02	4.0741575E-01	9.9998814E-01	7.7695149E-01	7.7739221E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.358961E+02	4.4568339E-01	9.9996847E-01	7.7634352E-01	7.7688015E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.409074E+02	4.6503028E-01	9.9994880E-01	7.7602500E-01	7.7631438E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

3.459233E+02	4.7636327E-01	9.9996620E-01	7.7560407E-01	7.7612972E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.509260E+02	4.3630317E-01	9.9998498E-01	7.7534753E-01	7.7560711E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.559283E+02	4.6519989E-01	9.9998689E-01	7.7484584E-01	7.7519917E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.609366E+02	4.5298153E-01	9.9998611E-01	7.7438539E-01	7.7461666E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.659482E+02	4.6122894E-01	9.9998862E-01	7.7409291E-01	7.7432638E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.709486E+02	4.5935038E-01	9.9996752E-01	7.7385175E-01	7.7425021E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.759580E+02	4.5877710E-01	9.9996716E-01	7.7362132E-01	7.7391028E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.809612E+02	4.4587454E-01	9.9988693E-01	7.7322662E-01	7.7353078E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.859788E+02	4.6865746E-01	9.9997503E-01	7.7283263E-01	7.7301043E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.910090E+02	4.6142247E-01	9.9998772E-01	7.7253997E-01	7.7277511E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
3.960181E+02	4.4493604E-01	9.9998814E-01	7.7239078E-01	7.7262968E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.010229E+02	4.3627417E-01	9.9996996E-01	7.7220720E-01	7.7244723E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.060714E+02	4.5452005E-01	9.9998814E-01	7.7188027E-01	7.7212286E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.111179E+02	4.1177380E-01	9.9999046E-01	7.7150041E-01	7.7168906E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.161518E+02	3.8869557E-01	9.9999237E-01	7.7156532E-01	7.7191681E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.211620E+02	4.1088110E-01	9.9999046E-01	7.7123040E-01	7.7132386E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.261913E+02	4.3693697E-01	9.9998134E-01	7.7102482E-01	7.7122509E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.311930E+02	4.3197703E-01	9.9999106E-01	7.7067232E-01	7.7099913E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.361968E+02	4.0621465E-01	9.9999082E-01	7.7039772E-01	7.7048802E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.412443E+02	4.2156073E-01	9.9999112E-01	7.7010924E-01	7.7032727E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.462449E+02	4.1298544E-01	9.9999285E-01	7.7003253E-01	7.7015752E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.512502E+02	3.8802031E-01	9.9998868E-01	7.6976138E-01	7.6997012E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.562851E+02	4.0800858E-01	9.9996948E-01	7.6935142E-01	7.6966715E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.613121E+02	3.9547777E-01	9.9998492E-01	7.6892149E-01	7.6912576E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.663397E+02	3.5712796E-01	9.9998933E-01	7.6847905E-01	7.6875061E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.713776E+02	3.8137153E-01	9.9998993E-01	7.6825607E-01	7.6846677E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.763856E+02	3.7795812E-01	9.9999082E-01	7.6814371E-01	7.6833951E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.814128E+02	3.5452330E-01	9.9999237E-01	7.6793110E-01	7.6818669E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

4.864223E+02	3.8485798E-01	9.9998385E-01	7.6749033E-01	7.6774377E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.914722E+02	3.7007010E-01	9.9998498E-01	7.6694214E-01	7.6721334E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
4.964919E+02	3.3328402E-01	9.9998552E-01	7.6645917E-01	7.6673174E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.015259E+02	3.5524571E-01	9.9998194E-01	7.6613772E-01	7.6641357E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.065450E+02	3.5037994E-01	9.9997938E-01	7.6585722E-01	7.6619226E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.115457E+02	3.0901322E-01	9.9590570E-01	7.6548773E-01	7.6581353E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.165457E+02	3.2510626E-01	9.9998277E-01	7.6497155E-01	7.6527381E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.215463E+02	2.9548699E-01	9.9997544E-01	7.6443857E-01	7.6472706E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.265685E+02	3.6323509E-01	9.9997920E-01	7.6405448E-01	7.6436120E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.316183E+02	2.6709741E-01	9.9882388E-01	7.6378733E-01	7.6409298E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.366320E+02	2.8258371E-01	9.9999720E-01	7.6346666E-01	7.6379788E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.416345E+02	2.9637104E-01	9.9999201E-01	7.6301032E-01	7.6331311E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.466345E+02	2.9239684E-01	9.9998790E-01	7.6247168E-01	7.6273930E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.516580E+02	3.6630931E-01	9.6797752E-01	7.6207745E-01	7.6232708E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.566583E+02	2.8418317E-01	9.9999744E-01	7.6183641E-01	7.6208842E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.616711E+02	2.3042154E-01	9.9996936E-01	7.6159352E-01	7.6187950E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.666711E+02	4.0649003E-01	9.5858383E-01	7.6120192E-01	7.6148021E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.717148E+02	2.1297243E-01	9.9999744E-01	7.6074523E-01	7.6096249E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.767209E+02	2.6378202E-01	9.9999058E-01	7.6033270E-01	7.6055294E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.817575E+02	2.5236079E-01	9.9997669E-01	7.6008135E-01	7.6028115E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.867994E+02	1.8060625E-01	9.9983412E-01	7.5984788E-01	7.6011628E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.918351E+02	2.3737262E-01	9.9999595E-01	7.5948662E-01	7.5978029E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
5.968547E+02	2.2077829E-01	9.9996561E-01	7.5904799E-01	7.5926465E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.018547E+02	1.7803667E-01	9.9997026E-01	7.5865602E-01	7.5887024E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.068926E+02	1.8707266E-01	9.9999630E-01	7.5842083E-01	7.5859964E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.119015E+02	2.0409259E-01	9.9995899E-01	7.5835556E-01	7.5857413E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.169453E+02	1.7536326E-01	9.9223810E-01	7.5820315E-01	7.5845462E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.219643E+02	2.2164476E-01	9.9999636E-01	7.5794172E-01	7.5809324E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

6.269753E+02	1.8601684E-01	9.9997586E-01	7.5766516E-01	7.5780880E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.319825E+02	1.3637759E-01	9.9998963E-01	7.5754195E-01	7.5765133E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.369911E+02	1.8467894E-01	9.9999458E-01	7.5769621E-01	7.5771689E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.420153E+02	1.5781723E-01	9.9999541E-01	7.5926441E-01	7.5904077E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.470455E+02	1.6503270E-01	9.9999601E-01	7.5844419E-01	7.5887173E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.520916E+02	1.6873240E-01	9.9999541E-01	7.5707299E-01	7.5710827E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.571367E+02	1.5657614E-01	9.9996299E-01	7.5668615E-01	7.5677204E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.621520E+02	1.4127684E-01	9.9998969E-01	7.5642574E-01	7.5676024E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.671806E+02	1.6697174E-01	9.9999464E-01	7.5637454E-01	7.5643277E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.722262E+02	1.6399820E-01	9.9999452E-01	7.5595629E-01	7.5629914E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.772686E+02	1.5502542E-01	9.9999505E-01	7.5572890E-01	7.5579864E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.822707E+02	1.3524783E-01	9.9999559E-01	7.5560343E-01	7.5577492E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.872923E+02	1.5001877E-01	9.9999648E-01	7.5656593E-01	7.5690722E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.922954E+02	1.3783158E-01	9.9999601E-01	7.5619656E-01	7.5614905E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
6.973051E+02	1.3638090E-01	9.9999678E-01	7.5548536E-01	7.5589108E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.023073E+02	1.4575669E-01	9.9999553E-01	7.5523454E-01	7.5519830E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.073430E+02	1.2653208E-01	9.9999642E-01	7.5538677E-01	7.5541151E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.123453E+02	1.4576733E-01	9.9999630E-01	7.5499928E-01	7.5520164E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.173482E+02	1.3212872E-01	9.9996090E-01	7.5488371E-01	7.5496173E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.223600E+02	1.1758888E-01	9.9999595E-01	7.5456023E-01	7.5471729E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.273726E+02	1.3785927E-01	9.9999654E-01	7.5451261E-01	7.5452584E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.324192E+02	1.2533003E-01	9.9998599E-01	7.5459701E-01	7.5461799E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.374575E+02	1.1300579E-01	9.9999648E-01	7.5427514E-01	7.5454521E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.424575E+02	1.2510197E-01	9.9999475E-01	7.5413066E-01	7.5414681E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.474720E+02	9.8448761E-02	9.9977076E-01	7.5427109E-01	7.5454575E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.524910E+02	1.0165340E-01	9.9989516E-01	7.5370866E-01	7.5387669E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.575264E+02	1.1650966E-01	9.9999589E-01	7.5368655E-01	7.5359482E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.625316E+02	9.6633136E-02	9.9941480E-01	7.5431299E-01	7.5429517E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

7.675541E+02	1.2752068E-01	9.9999690E-01	7.5410956E-01	7.5438935E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.725990E+02	1.0753431E-01	9.9967706E-01	7.5466800E-01	7.5493425E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.776382E+02	8.9382470E-02	9.9999690E-01	7.5394845E-01	7.5396371E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.826681E+02	1.0538065E-01	9.9999034E-01	7.5355941E-01	7.5369275E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.876682E+02	8.1460200E-02	9.9866891E-01	7.5372344E-01	7.5374633E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.927143E+02	8.3995983E-02	9.9999714E-01	7.5341678E-01	7.5355548E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
7.977427E+02	1.2150360E-01	9.9987096E-01	7.5404137E-01	7.5427157E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.027863E+02	3.6489345E-02	9.9485612E-01	7.5421405E-01	7.5417006E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.077863E+02	6.7586459E-02	9.9999756E-01	7.5406700E-01	7.5442892E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.128088E+02	6.7495197E-02	9.9986774E-01	7.5387281E-01	7.5390708E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.178396E+02	9.5921844E-02	9.8931295E-01	7.5514245E-01	7.5493026E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.228683E+02	8.3267249E-02	9.9999702E-01	7.5491470E-01	7.5546968E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.279000E+02	5.2450925E-02	9.9988478E-01	7.5408530E-01	7.5369275E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.329000E+02	9.9414378E-02	9.9999714E-01	7.5512820E-01	7.5588238E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.379267E+02	1.2119008E-01	9.9981272E-01	7.5549185E-01	7.5535607E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.429336E+02	7.1674073E-01	9.6293169E-01	7.5438118E-01	7.5446498E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.479440E+02	1.3113500E-01	4.9569085E-01	7.6361322E-01	7.6550484E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.529523E+02	5.0470388E-01	9.6184403E-01	7.5739050E-01	7.5558460E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.579803E+02	6.4811170E-01	7.9931611E-01	7.6268125E-01	7.6431608E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.630277E+02	5.6008291E-01	9.6816766E-01	7.5955826E-01	7.6005858E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.680298E+02	1.6095379E-01	9.1505522E-01	7.6440775E-01	7.6463234E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.730469E+02	2.1169277E-02	9.8970324E-01	7.5895852E-01	7.5934958E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.780671E+02	2.9289113E-02	9.7161871E-01	7.5728732E-01	7.5731379E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.830836E+02	2.2353282E-02	9.9293518E-01	7.5959963E-01	7.6026100E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.881301E+02	4.9424458E-02	9.9999160E-01	7.5923717E-01	7.5911790E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.931561E+02	8.0966258E-01	9.3496364E-01	7.5779808E-01	7.5832909E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
8.981845E+02	1.9472133E-02	9.5131916E-01	7.6161206E-01	7.6154417E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.032300E+02	3.3861082E-02	9.8917061E-01	7.6060224E-01	7.6107711E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

9.082662E+02	2.3572902E-01	9.6438509E-01	7.5959277E-01	7.5992870E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.133143E+02	1.5893845E-01	9.6851480E-01	7.6076126E-01	7.6067692E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.183594E+02	1.6170474E-02	9.9734366E-01	7.5968188E-01	7.6024491E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.233762E+02	9.8828398E-02	9.8100442E-01	7.5894099E-01	7.5888252E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.283935E+02	5.2793454E-02	9.9962711E-01	7.5926840E-01	7.5959003E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.334008E+02	1.9784179E-03	9.7344261E-01	7.5847924E-01	7.5872552E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.384365E+02	1.5274811E-01	9.8677295E-01	7.5656867E-01	7.5655419E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.434605E+02	7.0521586E-02	9.9715954E-01	7.5507063E-01	7.5540262E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.484623E+02	5.1117349E-01	9.7166145E-01	7.5435883E-01	7.5473833E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.534870E+02	1.6130995E-03	9.7902274E-01	7.5408649E-01	7.5446671E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.585121E+02	5.3174000E-02	9.9434537E-01	7.5377035E-01	7.5418097E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.635247E+02	1.9952391E-04	9.3838674E-01	7.5341260E-01	7.5381732E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.685247E+02	2.3521265E-04	9.6814680E-01	7.5369674E-01	7.5416166E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.735247E+02	2.7764397E-04	9.4920188E-01	7.5353944E-01	7.5390667E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.785247E+02	3.0667474E-04	9.4505936E-01	7.5377047E-01	7.5406766E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.835706E+02	2.7631872E-04	9.3916500E-01	7.5358576E-01	7.5390273E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.885706E+02	1.7714818E-04	9.3317097E-01	7.5322485E-01	7.5349867E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.935714E+02	1.1082935E-04	9.2440653E-01	7.5343722E-01	7.5332588E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
9.986208E+02	8.0127349E-05	9.1589320E-01	7.5308657E-01	7.5345665E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.003653E+03	6.8862115E-05	9.0933448E-01	7.5320357E-01	7.5336194E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.008698E+03	6.2157589E-05	9.0220606E-01	7.5294602E-01	7.5318944E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.013703E+03	5.0591596E-05	8.9520258E-01	7.5299966E-01	7.5345993E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.018708E+03	4.5052660E-05	8.8799727E-01	7.5307304E-01	7.5294566E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.023737E+03	4.1790034E-05	8.8079298E-01	7.5289172E-01	7.5324124E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.028787E+03	3.3978053E-05	8.7353003E-01	7.5305581E-01	7.5340390E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.033812E+03	2.9868295E-05	8.6637163E-01	7.5303030E-01	7.5305223E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.038826E+03	2.9502849E-05	8.5921228E-01	7.5227022E-01	7.5270438E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.043868E+03	2.3655362E-05	8.5178488E-01	7.5205845E-01	7.5200248E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

1.048868E+03	2.1042937E-05	8.4445912E-01	7.5189090E-01	7.5229985E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.053917E+03	1.9076719E-05	8.3671361E-01	7.5202918E-01	7.5239342E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.058917E+03	1.6886361E-05	8.2927275E-01	7.5192952E-01	7.5223410E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.063917E+03	1.5028634E-05	8.2154727E-01	7.5139195E-01	7.5164407E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.068917E+03	1.3357897E-05	8.1390262E-01	7.5109583E-01	7.5132310E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.073917E+03	1.1427536E-05	8.0568039E-01	7.5068319E-01	7.5083864E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.078917E+03	9.8229330E-06	7.9719782E-01	7.5007230E-01	7.5032109E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.083917E+03	0.0000000E+00	7.8822929E-01	7.4926186E-01	7.4955225E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.088917E+03	0.0000000E+00	7.7885807E-01	7.4851775E-01	7.4880934E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.093917E+03	0.0000000E+00	7.6946998E-01	7.4794698E-01	7.4824280E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.098959E+03	5.7093666E-07	7.6007384E-01	7.4767059E-01	7.4790192E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.103988E+03	0.0000000E+00	7.5091922E-01	7.4854159E-01	7.4899316E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.108988E+03	0.0000000E+00	7.4235541E-01	7.4800938E-01	7.4823564E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.113988E+03	3.0922698E-07	7.3397851E-01	7.4760908E-01	7.4773139E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.118988E+03	0.0000000E+00	7.2562927E-01	7.4790663E-01	7.4829245E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.123988E+03	0.0000000E+00	7.1785218E-01	7.4762189E-01	7.4741030E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.128988E+03	0.0000000E+00	7.0996946E-01	7.4781054E-01	7.4795330E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.133988E+03	5.0868346E-07	7.0248234E-01	7.4785417E-01	7.4745333E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.138988E+03	0.0000000E+00	6.9505423E-01	7.4844241E-01	7.4902707E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.143988E+03	0.0000000E+00	6.8747717E-01	7.4865621E-01	7.4877495E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.149029E+03	0.0000000E+00	6.7992693E-01	7.4821663E-01	7.4784648E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.154029E+03	0.0000000E+00	6.7241436E-01	7.4773854E-01	7.4862003E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.159029E+03	0.0000000E+00	6.6511506E-01	7.4856031E-01	7.4810529E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.164029E+03	0.0000000E+00	6.5752947E-01	7.4834150E-01	7.4891698E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.169073E+03	0.0000000E+00	6.5016723E-01	7.4755156E-01	7.4796510E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.174073E+03	0.0000000E+00	6.4263231E-01	7.4768496E-01	7.4743229E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.179073E+03	0.0000000E+00	6.3516539E-01	7.4802852E-01	7.4845344E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.184122E+03	0.0000000E+00	6.2848121E-01	7.4810374E-01	7.4789327E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

1.189164E+03	0.0000000E+00	6.2046671E-01	7.4786210E-01	7.4816173E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.194184E+03	0.0000000E+00	6.1386424E-01	7.4838984E-01	7.4860144E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.199231E+03	0.0000000E+00	6.0593152E-01	7.4954283E-01	7.4931610E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.204231E+03	0.0000000E+00	5.9926367E-01	7.4827135E-01	7.4870855E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.209231E+03	0.0000000E+00	5.9135497E-01	7.4927342E-01	7.4918264E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.214231E+03	0.0000000E+00	5.8438718E-01	7.4843383E-01	7.4838489E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.219231E+03	0.0000000E+00	5.7708126E-01	7.4966180E-01	7.5013965E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.224231E+03	0.0000000E+00	5.6997502E-01	7.4907237E-01	7.4875128E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.229231E+03	6.0887078E-07	5.6271374E-01	7.4993563E-01	7.5021249E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.234231E+03	3.3510412E-07	5.5632842E-01	7.5100380E-01	7.5099200E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.239231E+03	7.9872308E-08	5.4971319E-01	7.5111645E-01	7.5105309E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.244231E+03	2.4158504E-07	5.4335535E-01	7.5177109E-01	7.5205225E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.249231E+03	2.5997645E-07	5.3765053E-01	7.5185281E-01	7.5156820E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.254231E+03	9.8836301E-07	5.3225952E-01	7.5280797E-01	7.5287855E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.259231E+03	5.3732782E-07	5.2825022E-01	7.5379092E-01	7.5385535E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.264231E+03	4.5187704E-07	5.2367312E-01	7.5401318E-01	7.5398129E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.269231E+03	1.1951317E-06	5.1831400E-01	7.5441241E-01	7.5445133E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.274231E+03	1.4613970E-06	5.1471329E-01	7.5581682E-01	7.5585514E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.279231E+03	1.1239396E-06	5.1122171E-01	7.5661069E-01	7.5666231E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.284231E+03	9.2446669E-07	5.0728911E-01	7.5771922E-01	7.5772047E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.289231E+03	8.5610571E-07	5.0319791E-01	7.5846767E-01	7.5853240E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.294280E+03	7.8390815E-07	4.9913171E-01	7.5899243E-01	7.5907087E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.299280E+03	5.7801873E-07	4.9440512E-01	7.5947237E-01	7.5940311E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.304280E+03	1.1234142E-06	4.9095505E-01	7.6045817E-01	7.6058751E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.309280E+03	8.1373742E-07	4.8681304E-01	7.6085347E-01	7.6081324E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.314280E+03	8.5881624E-07	4.8243624E-01	7.6181048E-01	7.6185137E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.319280E+03	6.5858910E-07	4.7823313E-01	7.6288146E-01	7.6285815E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.324280E+03	6.5642780E-07	4.7493008E-01	7.6287848E-01	7.6290852E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

1.329280E+03	7.1484726E-07	4.7168207E-01	7.6373601E-01	7.6380181E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.334329E+03	9.3977150E-07	4.6753153E-01	7.6393634E-01	7.6381469E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.339329E+03	7.0857743E-07	4.6348920E-01	7.6476514E-01	7.6485723E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.344329E+03	7.0597582E-07	4.5942262E-01	7.6516587E-01	7.6517057E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.349329E+03	4.5066059E-07	4.5551547E-01	7.6597232E-01	7.6596045E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.354329E+03	4.0626037E-07	4.5133477E-01	7.6648462E-01	7.6649678E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.359336E+03	5.0663277E-07	4.4658777E-01	7.6737511E-01	7.6733184E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.364336E+03	8.1327812E-07	4.4122663E-01	7.6827103E-01	7.6832455E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.369336E+03	1.1858571E-06	4.3483567E-01	7.6976013E-01	7.6975614E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.374336E+03	1.4502332E-06	4.2759338E-01	7.7158469E-01	7.7166969E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.379370E+03	1.5019505E-06	4.1911733E-01	7.7367663E-01	7.7377081E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.384372E+03	8.5439888E-07	4.0915778E-01	7.7273566E-01	7.7248722E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.389418E+03	7.2162470E-07	3.9968953E-01	7.7526832E-01	7.7557391E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.394459E+03	0.0000000E+00	3.8814613E-01	7.7589744E-01	7.7588350E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.399505E+03	4.1431883E-07	3.7414271E-01	7.7666867E-01	7.7665353E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.404505E+03	0.0000000E+00	3.5567191E-01	7.7937555E-01	7.7959472E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.409509E+03	0.0000000E+00	3.3817264E-01	7.7847272E-01	7.7827621E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.414548E+03	7.8010379E-07	3.2428449E-01	7.8213477E-01	7.8221172E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.419548E+03	5.1534386E-07	3.0952179E-01	7.8228408E-01	7.8243852E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.424548E+03	9.0666259E-07	2.9537433E-01	7.8387278E-01	7.8372598E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.429548E+03	5.4562315E-07	2.8115174E-01	7.8577149E-01	7.8575665E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.434548E+03	8.7676335E-07	2.6773900E-01	7.8595257E-01	7.8593117E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.439548E+03	8.4938756E-07	2.5408790E-01	7.8911680E-01	7.8914285E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.444548E+03	1.0699266E-06	2.4175124E-01	7.8814006E-01	7.8780973E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.449548E+03	4.0149456E-07	2.2924057E-01	7.9204684E-01	7.9236650E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.454592E+03	7.7325399E-07	2.1658614E-01	7.9117578E-01	7.9122609E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.459592E+03	1.1774323E-06	2.0412283E-01	7.9433209E-01	7.9398870E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.464592E+03	6.7517919E-07	1.9216783E-01	7.9496610E-01	7.9496682E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

1.469638E+03	6.5139659E-07	1.8111332E-01	7.9605556E-01	7.9608756E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.474638E+03	7.2390890E-07	1.6922054E-01	7.9822809E-01	7.9827279E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.479638E+03	1.0773927E-06	1.5779439E-01	7.9816270E-01	7.9807049E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.484681E+03	2.5308736E-07	1.4597785E-01	8.0126476E-01	8.0139220E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.489718E+03	3.2941384E-07	1.3581905E-01	8.0120718E-01	8.0116129E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.494719E+03	5.7610362E-07	1.2468354E-01	8.0372071E-01	8.0352324E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.499726E+03	4.8518172E-07	1.1426876E-01	8.0455023E-01	8.0470610E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.504759E+03	9.9374552E-07	1.0267944E-01	8.0527514E-01	8.0527532E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.509762E+03	0.0000000E+00	8.9378975E-02	8.0810916E-01	8.0816394E-01
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1.514772E+03	2.4387898E-09	7.9364866E-02	8.0727541E-01	8.0719590E-01
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1.519808E+03	2.4163334E-08	6.8068296E-02	8.1129390E-01	8.1129384E-01
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1.524844E+03	0.0000000E+00	6.0366422E-02	8.0999541E-01	8.0950075E-01
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1.529844E+03	0.0000000E+00	4.6405833E-02	8.1410974E-01	8.1496066E-01
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1.534859E+03	0.0000000E+00	3.3232100E-02	8.1241655E-01	8.1204051E-01
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1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.549901E+03	0.0000000E+00	2.8735965E-03	8.1751502E-01	8.1710917E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.554901E+03	1.8550295E-04	1.5732737E-01	8.1836754E-01	8.1866223E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.559921E+03	5.2662531E-04	7.4314460E-02	8.1682694E-01	8.1719828E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.564944E+03	1.7441336E-05	2.0853095E-02	8.1926376E-01	8.1875050E-01
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1.569956E+03	0.0000000E+00	5.5606468E-03	8.1839162E-01	8.1869984E-01
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1.574956E+03	0.0000000E+00	1.9615975E-03	8.1908828E-01	8.1938630E-01
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1.579956E+03	0.0000000E+00	1.2228511E-03	8.1776679E-01	8.1737369E-01
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1.584956E+03	0.0000000E+00	1.2157805E-03	8.1662965E-01	8.1712067E-01
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1.589956E+03	0.0000000E+00	2.1072139E-03	8.1484848E-01	8.1475908E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.594956E+03	0.0000000E+00	1.8860812E-03	8.1432742E-01	8.1404507E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.599956E+03	0.0000000E+00	9.1194460E-04	8.1383312E-01	8.1459796E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.604956E+03	0.0000000E+00	6.9722941E-04	8.1376618E-01	8.1387317E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

1.609956E+03	0.0000000E+00	9.1778074E-04	8.1503165E-01	8.1497914E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.614956E+03	0.0000000E+00	7.2754448E-04	8.1417847E-01	8.1435347E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.619956E+03	0.0000000E+00	3.2521694E-04	8.1483370E-01	8.1485754E-01
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1.624956E+03	0.0000000E+00	1.6572264E-04	8.1453562E-01	8.1429291E-01
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1.629956E+03	0.0000000E+00	1.3812790E-04	8.1424183E-01	8.1455326E-01
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1.634956E+03	0.0000000E+00	1.0733377E-04	8.1463516E-01	8.1462812E-01
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1.639972E+03	0.0000000E+00	4.8855149E-05	8.1381088E-01	8.1384307E-01
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1.644972E+03	0.0000000E+00	1.9864827E-05	8.1443661E-01	8.1468165E-01
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1.649982E+03	0.0000000E+00	7.0472006E-06	8.1371880E-01	8.1338632E-01
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1.660028E+03	0.0000000E+00	0.0000000E+00	8.1323481E-01	8.1335241E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.665028E+03	0.0000000E+00	0.0000000E+00	8.1358540E-01	8.1329024E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.670048E+03	0.0000000E+00	0.0000000E+00	8.1309229E-01	8.1330627E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.675065E+03	0.0000000E+00	0.0000000E+00	8.1281525E-01	8.1289011E-01
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1.680108E+03	0.0000000E+00	0.0000000E+00	8.1274915E-01	8.1252420E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.685146E+03	0.0000000E+00	0.0000000E+00	8.1192547E-01	8.1208402E-01
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1.690150E+03	0.0000000E+00	0.0000000E+00	8.1260234E-01	8.1278241E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.695192E+03	0.0000000E+00	0.0000000E+00	8.1135046E-01	8.1113124E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.700202E+03	0.0000000E+00	0.0000000E+00	8.1104767E-01	8.1101185E-01
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1.705202E+03	0.0000000E+00	0.0000000E+00	8.0970490E-01	8.1030780E-01
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1.710202E+03	0.0000000E+00	0.0000000E+00	8.0913842E-01	8.0995756E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.715202E+03	0.0000000E+00	0.0000000E+00	8.0984569E-01	8.0986273E-01
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1.720212E+03	0.0000000E+00	0.0000000E+00	8.1038296E-01	8.1095475E-01
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1.725225E+03	0.0000000E+00	0.0000000E+00	8.1066632E-01	8.1047523E-01
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1.730267E+03	0.0000000E+00	0.0000000E+00	8.0939102E-01	8.0966365E-01
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1.735300E+03	0.0000000E+00	0.0000000E+00	8.0652207E-01	8.0864352E-01
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1.740300E+03	0.0000000E+00	0.0000000E+00	8.0450916E-01	8.0690873E-01
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1.745300E+03	0.0000000E+00	0.0000000E+00	8.0455893E-01	8.0749017E-01
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1.750300E+03	0.0000000E+00	0.0000000E+00	8.0436760E-01	8.0657923E-01
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1.755300E+03	0.0000000E+00	0.0000000E+00	8.0346179E-01	8.0533183E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.760300E+03	0.0000000E+00	0.0000000E+00	8.0390334E-01	8.0644518E-01
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1.765300E+03	0.0000000E+00	0.0000000E+00	8.0469269E-01	8.0675459E-01
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1.770300E+03	0.0000000E+00	0.0000000E+00	8.0544299E-01	8.0726320E-01
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1.775300E+03	0.0000000E+00	0.0000000E+00	8.0390865E-01	8.0559057E-01
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1.780300E+03	0.0000000E+00	0.0000000E+00	8.0429739E-01	8.0629861E-01
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1.785300E+03	0.0000000E+00	1.1626531E-06	8.0552471E-01	8.0718374E-01
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1.790312E+03	0.0000000E+00	0.0000000E+00	8.0720264E-01	8.0916905E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.795348E+03	0.0000000E+00	0.0000000E+00	8.0954373E-01	8.1051946E-01
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1.800348E+03	4.1587477E-08	0.0000000E+00	8.0817640E-01	8.0841887E-01
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1.805392E+03	0.0000000E+00	1.3713137E-07	8.0949795E-01	8.0985188E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.810392E+03	0.0000000E+00	0.0000000E+00	8.0961865E-01	8.0976999E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.815392E+03	0.0000000E+00	0.0000000E+00	8.0835378E-01	8.0898917E-01
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1.820392E+03	0.0000000E+00	2.7390647E-07	8.0962157E-01	8.0995929E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.825392E+03	0.0000000E+00	0.0000000E+00	8.0962986E-01	8.0950701E-01
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1.830440E+03	0.0000000E+00	2.0160591E-07	8.0931264E-01	8.0973083E-01
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1.835440E+03	0.0000000E+00	0.0000000E+00	8.1010360E-01	8.1059223E-01
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1.840440E+03	0.0000000E+00	0.0000000E+00	8.0989689E-01	8.0955148E-01
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1.845440E+03	0.0000000E+00	1.0265367E-07	8.0938721E-01	8.0972558E-01
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1.850440E+03	0.0000000E+00	0.0000000E+00	8.1065130E-01	8.1117398E-01
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1.855440E+03	0.0000000E+00	0.0000000E+00	8.1007040E-01	8.0964088E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.860440E+03	0.0000000E+00	0.0000000E+00	8.0931830E-01	8.0951023E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.865440E+03	0.0000000E+00	0.0000000E+00	8.1003767E-01	8.1069946E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.870459E+03	0.0000000E+00	0.0000000E+00	8.0987215E-01	8.0937082E-01
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1.875459E+03	0.0000000E+00	0.0000000E+00	8.0945915E-01	8.0957711E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.880459E+03	0.0000000E+00	0.0000000E+00	8.0996752E-01	8.1052184E-01
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1.885502E+03	0.0000000E+00	0.0000000E+00	8.0940974E-01	8.0885780E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

1.890502E+03	0.0000000E+00	0.0000000E+00	8.0957723E-01	8.0946195E-01
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1.895548E+03	4.6644004E-08	0.0000000E+00	8.1002355E-01	8.1057340E-01
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1.900587E+03	0.0000000E+00	0.0000000E+00	8.0848116E-01	8.0834168E-01
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1.905594E+03	0.0000000E+00	0.0000000E+00	8.0897778E-01	8.0917573E-01
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1.910599E+03	0.0000000E+00	0.0000000E+00	8.0958402E-01	8.1019074E-01
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1.915604E+03	0.0000000E+00	0.0000000E+00	8.0899912E-01	8.0905819E-01
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1.920619E+03	0.0000000E+00	0.0000000E+00	8.0954576E-01	8.0968362E-01
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1.925623E+03	0.0000000E+00	0.0000000E+00	8.0982429E-01	8.0988151E-01
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1.930635E+03	0.0000000E+00	0.0000000E+00	8.0917519E-01	8.0925018E-01
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1.935664E+03	0.0000000E+00	0.0000000E+00	8.1009376E-01	8.1001449E-01
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1.940709E+03	0.0000000E+00	0.0000000E+00	8.0971038E-01	8.0958599E-01
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1.945709E+03	0.0000000E+00	0.0000000E+00	8.0915099E-01	8.0923837E-01
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1.950755E+03	0.0000000E+00	0.0000000E+00	8.1038558E-01	8.1065506E-01
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1.955762E+03	0.0000000E+00	0.0000000E+00	8.0913675E-01	8.0894518E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.960784E+03	0.0000000E+00	0.0000000E+00	8.0946827E-01	8.0941272E-01
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1.965832E+03	0.0000000E+00	0.0000000E+00	8.0989110E-01	8.1033421E-01
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1.970878E+03	0.0000000E+00	0.0000000E+00	8.0906320E-01	8.0906069E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.975889E+03	0.0000000E+00	0.0000000E+00	8.0982244E-01	8.0988663E-01
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1.980934E+03	0.0000000E+00	0.0000000E+00	8.0948156E-01	8.0977726E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.985934E+03	0.0000000E+00	0.0000000E+00	8.0724442E-01	8.0804437E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.990934E+03	0.0000000E+00	0.0000000E+00	8.0314744E-01	8.0603844E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
1.995934E+03	0.0000000E+00	0.0000000E+00	8.0473220E-01	8.0738717E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		
2.000034E+03	0.0000000E+00	0.0000000E+00	8.0410576E-01	8.0607992E-01
1.0000000E+00	1.0000000E+00	1.0000000E+00		

TIME (sec)	ALP993108
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1.003469E-01	1.0000000E+00
2.016405E-01	1.0000000E+00
3.143499E-01	1.0000000E+00
4.176774E-01	1.0000000E+00
5.179474E-01	1.0000000E+00
6.236274E-01	1.0000000E+00
7.657229E-01	1.0000000E+00
8.878756E-01	1.0000000E+00

9.933645E-01	1.0000000E+00
1.524044E+00	1.0000000E+00
2.030162E+00	1.0000000E+00
2.550346E+00	1.0000000E+00
3.062366E+00	1.0000000E+00
3.562366E+00	1.0000000E+00
4.082775E+00	1.0000000E+00
4.604100E+00	1.0000000E+00
5.125216E+00	1.0000000E+00
5.625216E+00	1.0000000E+00
6.125216E+00	1.0000000E+00
6.625216E+00	1.0000000E+00
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7.625216E+00	1.0000000E+00
8.125216E+00	1.0000000E+00
8.625216E+00	1.0000000E+00
9.146049E+00	1.0000000E+00
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1.114605E+01	1.0000000E+00
1.164605E+01	1.0000000E+00
1.214605E+01	1.0000000E+00
1.264605E+01	1.0000000E+00
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1.364605E+01	1.0000000E+00
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1.665028E+03	1.0000000E+00
1.670048E+03	1.0000000E+00
1.675065E+03	1.0000000E+00
1.680108E+03	1.0000000E+00
1.685146E+03	1.0000000E+00
1.690150E+03	1.0000000E+00

1.695192E+03	1.0000000E+00
1.700202E+03	1.0000000E+00
1.705202E+03	1.0000000E+00
1.710202E+03	1.0000000E+00
1.715202E+03	1.0000000E+00
1.720212E+03	1.0000000E+00
1.725225E+03	1.0000000E+00
1.730267E+03	1.0000000E+00
1.735300E+03	1.0000000E+00
1.740300E+03	1.0000000E+00
1.745300E+03	1.0000000E+00
1.750300E+03	1.0000000E+00
1.755300E+03	1.0000000E+00
1.760300E+03	1.0000000E+00
1.765300E+03	1.0000000E+00
1.770300E+03	1.0000000E+00
1.775300E+03	1.0000000E+00
1.780300E+03	1.0000000E+00
1.785300E+03	1.0000000E+00
1.790312E+03	1.0000000E+00
1.795348E+03	1.0000000E+00
1.800348E+03	1.0000000E+00
1.805392E+03	1.0000000E+00
1.810392E+03	1.0000000E+00
1.815392E+03	1.0000000E+00
1.820392E+03	1.0000000E+00
1.825392E+03	1.0000000E+00
1.830440E+03	1.0000000E+00
1.835440E+03	1.0000000E+00
1.840440E+03	1.0000000E+00
1.845440E+03	1.0000000E+00
1.850440E+03	1.0000000E+00
1.855440E+03	1.0000000E+00
1.860440E+03	1.0000000E+00
1.865440E+03	1.0000000E+00
1.870459E+03	1.0000000E+00
1.875459E+03	1.0000000E+00
1.880459E+03	1.0000000E+00
1.885502E+03	1.0000000E+00
1.890502E+03	1.0000000E+00
1.895548E+03	1.0000000E+00
1.900587E+03	1.0000000E+00
1.905594E+03	1.0000000E+00
1.910599E+03	1.0000000E+00
1.915604E+03	1.0000000E+00
1.920619E+03	1.0000000E+00
1.925623E+03	1.0000000E+00
1.930635E+03	1.0000000E+00
1.935664E+03	1.0000000E+00
1.940709E+03	1.0000000E+00
1.945709E+03	1.0000000E+00
1.950755E+03	1.0000000E+00
1.955762E+03	1.0000000E+00
1.960784E+03	1.0000000E+00
1.965832E+03	1.0000000E+00
1.970878E+03	1.0000000E+00
1.975889E+03	1.0000000E+00

1.980934E+03	1.0000000E+00
1.985934E+03	1.0000000E+00
1.990934E+03	1.0000000E+00
1.995934E+03	1.0000000E+00
2.000034E+03	1.0000000E+00

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Transient output data (2000s) of pressure (PRES) for FWL (base case), ASCII file "FWL-8D_1SRV-2000s_RPV-DW-WW_PRES.GRA"

TIME (sec)	PA992907	PA993007	PA993107	PA992908	PA993008	PA993108	P993107
1.000000E-10	9.3926102E+04	9.3857398E+04	9.3823297E+04	9.3911219E+04	9.3861898E+04	9.3829609E+04	1.0272600E+05
1.003469E-01	9.3928906E+04	9.3859812E+04	9.3824508E+04	9.3914367E+04	9.3865391E+04	9.3831875E+04	1.0272736E+05
2.016405E-01	9.3931336E+04	9.3862102E+04	9.3826672E+04	9.3917281E+04	9.3867500E+04	9.3833844E+04	1.0272965E+05
3.143499E-01	9.3936211E+04	9.3866594E+04	9.3831078E+04	9.3921188E+04	9.3871094E+04	9.3837445E+04	1.0273448E+05
4.176774E-01	9.3944609E+04	9.3874664E+04	9.3839156E+04	9.3929227E+04	9.3879055E+04	9.3845422E+04	1.0274327E+05
5.179474E-01	9.3959617E+04	9.3889312E+04	9.3853750E+04	9.3943977E+04	9.3893594E+04	9.3859984E+04	1.0275914E+05
6.236274E-01	9.3987141E+04	9.3916211E+04	9.3880531E+04	9.3971203E+04	9.3920539E+04	9.3886852E+04	1.0278830E+05
7.657229E-01	9.4052383E+04	9.3980305E+04	9.3944555E+04	9.4035602E+04	9.3984469E+04	9.3950742E+04	1.0285791E+05
8.878756E-01	9.4138453E+04	9.4064773E+04	9.4028969E+04	9.4120617E+04	9.4068898E+04	9.4035141E+04	1.0294972E+05
9.933645E-01	9.4238102E+04	9.4162664E+04	9.4126758E+04	9.4219320E+04	9.4167000E+04	9.4133203E+04	1.0305609E+05
1.524044E+00	9.5258492E+04	9.5145398E+04	9.5108961E+04	9.5208000E+04	9.5150109E+04	9.5116117E+04	1.0412424E+05
2.030162E+00	9.7584891E+04	9.7265547E+04	9.7227828E+04	9.7340414E+04	9.7269758E+04	9.7235969E+04	1.0642771E+05
2.550346E+00	1.0183547E+05	1.0112770E+05	1.0108091E+05	1.0123670E+05	1.0112424E+05	1.0109222E+05	1.1061479E+05
3.062366E+00	1.0676445E+05	1.0569127E+05	1.0560995E+05	1.0590979E+05	1.0565650E+05	1.0562354E+05	1.1553414E+05
3.562366E+00	1.1137681E+05	1.1000024E+05	1.0986024E+05	1.1054832E+05	1.0991205E+05	1.0987288E+05	1.2014745E+05
4.082775E+00	1.1568086E+05	1.1404949E+05	1.1383076E+05	1.1528162E+05	1.1388687E+05	1.1384217E+05	1.2445272E+05
4.604100E+00	1.2002658E+05	1.1815522E+05	1.1784539E+05	1.1987809E+05	1.1790495E+05	1.1785316E+05	1.2880077E+05
5.125216E+00	1.2506856E+05	1.2292946E+05	1.2251277E+05	1.2496811E+05	1.2257884E+05	1.2251212E+05	1.3385034E+05
5.625216E+00	1.3089159E+05	1.2845387E+05	1.2791281E+05	1.3082547E+05	1.2801172E+05	1.2789760E+05	1.3968728E+05
6.125216E+00	1.3741345E+05	1.3465795E+05	1.3397003E+05	1.3738352E+05	1.3412862E+05	1.3393445E+05	1.4622803E+05
6.625216E+00	1.4399883E+05	1.4094319E+05	1.4009464E+05	1.4399178E+05	1.4032528E+05	1.4003502E+05	1.5283339E+05
7.125216E+00	1.5010731E+05	1.4679453E+05	1.4578498E+05	1.5011402E+05	1.4608286E+05	1.4569938E+05	1.5896145E+05
7.625216E+00	1.5543886E+05	1.5191816E+05	1.5076089E+05	1.5545725E+05	1.5111502E+05	1.5064925E+05	1.6431200E+05
8.125216E+00	1.6013339E+05	1.5643716E+05	1.5514947E+05	1.6016434E+05	1.5556112E+05	1.5501381E+05	1.6902588E+05
8.625216E+00	1.6455644E+05	1.6069384E+05	1.5928936E+05	1.6460258E+05	1.5977977E+05	1.5913358E+05	1.7347080E+05
9.146049E+00	1.6902706E+05	1.6498919E+05	1.6347536E+05	1.6908723E+05	1.6407938E+05	1.6330411E+05	1.7796561E+05
9.646049E+00	1.7321173E+05	1.6900466E+05	1.6739414E+05	1.7328311E+05	1.6813159E+05	1.6721459E+05	1.8217373E+05

1.014605E+01	1.7727080E+05	1.7290022E+05	1.7119667E+05	1.7735197E+05
1.7207738E+05	1.7101498E+05	1.8625645E+05		
1.064605E+01	1.8113703E+05	1.7661509E+05	1.7482066E+05	1.8122770E+05
1.7584269E+05	1.7464147E+05	1.9014609E+05		
1.114605E+01	1.8477866E+05	1.8011931E+05	1.7823670E+05	1.8487994E+05
1.7939458E+05	1.7806438E+05	1.9381105E+05		
1.164605E+01	1.8819062E+05	1.8340423E+05	1.8143856E+05	1.8830314E+05
1.8273239E+05	1.8127888E+05	1.9724589E+05		
1.214605E+01	1.9135708E+05	1.8644891E+05	1.8440852E+05	1.9147947E+05
1.8584664E+05	1.8427030E+05	2.0043334E+05		
1.264605E+01	1.9429250E+05	1.8926381E+05	1.8715841E+05	1.9442172E+05
1.8875334E+05	1.8705236E+05	2.0338698E+05		
1.314605E+01	1.9700814E+05	1.9186069E+05	1.8969878E+05	1.9714083E+05
1.9145930E+05	1.8963527E+05	2.0611788E+05		
1.364605E+01	1.9952036E+05	1.9425875E+05	1.9204617E+05	1.9965408E+05
1.9397325E+05	1.9203309E+05	2.0864295E+05		
1.414605E+01	2.0184377E+05	1.9647550E+05	1.9421589E+05	2.0197817E+05
1.9630388E+05	1.9425897E+05	2.1097767E+05		
1.464605E+01	2.0398942E+05	1.9852245E+05	1.9621991E+05	2.0412497E+05
1.9846020E+05	1.9632220E+05	2.1313359E+05		
1.514605E+01	2.0596250E+05	2.0040205E+05	1.9806361E+05	2.0609934E+05
2.0044884E+05	1.9822747E+05	2.1511530E+05		
1.564605E+01	2.0776298E+05	2.0211109E+05	1.9974605E+05	2.0789950E+05
2.0227253E+05	1.9997412E+05	2.1692184E+05		
1.614605E+01	2.0939286E+05	2.0364930E+05	2.0126825E+05	2.0952625E+05
2.0393370E+05	2.0156331E+05	2.1855439E+05		
1.664605E+01	2.1087720E+05	2.0504298E+05	2.0265442E+05	2.1100536E+05
2.0545492E+05	2.0301848E+05	2.2003895E+05		
1.714605E+01	2.1225423E+05	2.0633405E+05	2.0394198E+05	2.1237764E+05
2.0687103E+05	2.0437592E+05	2.2141622E+05		
1.764605E+01	2.1351214E+05	2.0751342E+05	2.0511966E+05	2.1363155E+05
2.0816717E+05	2.0562252E+05	2.2267417E+05		
1.814605E+01	2.1467017E+05	2.0859950E+05	2.0620553E+05	2.1478692E+05
2.0936141E+05	2.0677556E+05	2.2383234E+05		
1.864605E+01	2.1574039E+05	2.0960364E+05	2.0721067E+05	2.1585602E+05
2.1046683E+05	2.0784630E+05	2.2490288E+05		
1.914605E+01	2.1672353E+05	2.1052667E+05	2.0813611E+05	2.1683962E+05
2.1148705E+05	2.0883611E+05	2.2588673E+05		
1.964605E+01	2.1764566E+05	2.1139280E+05	2.0900539E+05	2.1776183E+05
2.1244889E+05	2.0976884E+05	2.2680945E+05		
2.014605E+01	2.1852730E+05	2.1222094E+05	2.0983725E+05	2.1864272E+05
2.1337133E+05	2.1066338E+05	2.2769133E+05		
2.064605E+01	2.1937017E+05	2.1301234E+05	2.1063259E+05	2.1948347E+05
2.1425166E+05	2.1151900E+05	2.2853362E+05		
2.114605E+01	2.2018039E+05	2.1377264E+05	2.1139703E+05	2.2029111E+05
2.1509355E+05	2.1234036E+05	2.2934264E+05		
2.164605E+01	2.2095303E+05	2.1449784E+05	2.1212619E+05	2.2106109E+05
2.1589052E+05	2.1312216E+05	2.3011395E+05		
2.214605E+01	2.2168733E+05	2.1518966E+05	2.1282003E+05	2.2179380E+05
2.1664350E+05	2.1386420E+05	2.3084773E+05		
2.266648E+01	2.2242491E+05	2.1588798E+05	2.1351753E+05	2.2253070E+05
2.1739598E+05	2.1460769E+05	2.3158527E+05		
2.318409E+01	2.2313756E+05	2.1656431E+05	2.1419167E+05	2.2324334E+05
2.1812153E+05	2.1532462E+05	2.3229805E+05		
2.368409E+01	2.2381216E+05	2.1720525E+05	2.1482970E+05	2.2391734E+05
2.1880764E+05	2.1600116E+05	2.3297280E+05		

2.418409E+01	2.2447430E+05	2.1783572E+05	2.1545584E+05	2.2457797E+05
2.1948006E+05	2.1666305E+05	2.3363516E+05		
2.468420E+01	2.2502939E+05	2.1836352E+05	2.1598169E+05	2.2513108E+05
2.2004609E+05	2.1721992E+05	2.3418980E+05		
2.518866E+01	2.2559889E+05	2.1890791E+05	2.1652119E+05	2.2569783E+05
2.2062483E+05	2.1778800E+05	2.3475967E+05		
2.570592E+01	2.2619028E+05	2.1947677E+05	2.1708033E+05	2.2628561E+05
2.2121925E+05	2.1837167E+05	2.3535095E+05		
2.622136E+01	2.2680097E+05	2.2005559E+05	2.1764400E+05	2.2686394E+05
2.2179198E+05	2.1893544E+05	2.3594556E+05		
2.673972E+01	2.2764392E+05	2.2090462E+05	2.1847356E+05	2.2775347E+05
2.2267381E+05	2.1979803E+05	2.3682434E+05		
2.724740E+01	2.2828898E+05	2.2153570E+05	2.1909305E+05	2.2840488E+05
2.2332653E+05	2.2043009E+05	2.3747811E+05		
2.776852E+01	2.2879323E+05	2.2202192E+05	2.1957591E+05	2.2890798E+05
2.2384512E+05	2.2092388E+05	2.3798556E+05		
2.828743E+01	2.2933022E+05	2.2254405E+05	2.2009327E+05	2.2944212E+05
2.2439389E+05	2.2144383E+05	2.3852764E+05		
2.878743E+01	2.2986206E+05	2.2306639E+05	2.2060922E+05	2.2997447E+05
2.2493077E+05	2.2195641E+05	2.3906636E+05		
2.928743E+01	2.3039328E+05	2.2359630E+05	2.2113083E+05	2.3051008E+05
2.2546178E+05	2.2246919E+05	2.3960844E+05		
2.978743E+01	2.3092331E+05	2.2413175E+05	2.2165736E+05	2.3104902E+05
2.2598895E+05	2.2298242E+05	2.4015330E+05		
3.028743E+01	2.3145244E+05	2.2466917E+05	2.2218684E+05	2.3158967E+05
2.2651667E+05	2.2349577E+05	2.4069991E+05		
3.078743E+01	2.3198175E+05	2.2520500E+05	2.2271728E+05	2.3212923E+05
2.2704869E+05	2.2400886E+05	2.4124686E+05		
3.128743E+01	2.3250862E+05	2.2573492E+05	2.2324520E+05	2.3266377E+05
2.2758211E+05	2.2451827E+05	2.4179048E+05		
3.178743E+01	2.3303109E+05	2.2625889E+05	2.2376920E+05	2.3319150E+05
2.2811220E+05	2.2502211E+05	2.4232897E+05		
3.228743E+01	2.3354311E+05	2.2677564E+05	2.2428652E+05	2.3370967E+05
2.2863058E+05	2.2551647E+05	2.4285866E+05		
3.278743E+01	2.3404238E+05	2.2728606E+05	2.2479706E+05	2.3421794E+05
2.2913341E+05	2.2600025E+05	2.4337888E+05		
3.328743E+01	2.3452516E+05	2.2778694E+05	2.2529777E+05	2.3471381E+05
2.2961911E+05	2.2647122E+05	2.4388669E+05		
3.378743E+01	2.3499191E+05	2.2827570E+05	2.2578767E+05	2.3519595E+05
2.3009005E+05	2.2692916E+05	2.4438138E+05		
3.428743E+01	2.3544720E+05	2.2875314E+05	2.2626862E+05	2.3566625E+05
2.3055288E+05	2.2737703E+05	2.4486561E+05		
3.478743E+01	2.3589781E+05	2.2922342E+05	2.2674477E+05	2.3612898E+05
2.3101381E+05	2.2781989E+05	2.4534439E+05		
3.528743E+01	2.3634477E+05	2.2968873E+05	2.2721778E+05	2.3658567E+05
2.3147269E+05	2.2825878E+05	2.4581908E+05		
3.578743E+01	2.3678648E+05	2.3014994E+05	2.2768745E+05	2.3703642E+05
2.3192606E+05	2.2869294E+05	2.4628934E+05		
3.628743E+01	2.3722134E+05	2.3060866E+05	2.2815494E+05	2.3748275E+05
2.3237192E+05	2.2912311E+05	2.4675553E+05		
3.678743E+01	2.3764586E+05	2.3106302E+05	2.2861786E+05	2.3792248E+05
2.3280758E+05	2.2954738E+05	2.4721544E+05		
3.728743E+01	2.3805773E+05	2.3150917E+05	2.2907330E+05	2.3835238E+05
2.3323203E+05	2.2996267E+05	2.4766614E+05		
3.778743E+01	2.3845461E+05	2.3194173E+05	2.2951638E+05	2.3876758E+05
2.3364373E+05	2.3036572E+05	2.4810312E+05		

3.830806E+01	2.3884959E+05	2.3237234E+05	2.2996062E+05	2.3917905E+05
2.3405594E+05	2.3076803E+05	2.4853912E+05		
3.880806E+01	2.3921109E+05	2.3276620E+05	2.3036917E+05	2.3955319E+05
2.3443464E+05	2.3113662E+05	2.4893838E+05		
3.930806E+01	2.3955373E+05	2.3314055E+05	2.3075972E+05	2.3990634E+05
2.3479408E+05	2.3148727E+05	2.4931781E+05		
3.983299E+01	2.3989573E+05	2.3351770E+05	2.3115459E+05	2.4025975E+05
2.3515286E+05	2.3184033E+05	2.4969916E+05		
4.034888E+01	2.4021689E+05	2.3387759E+05	2.3153200E+05	2.4059458E+05
2.3549056E+05	2.3217630E+05	2.5006156E+05		
4.086869E+01	2.4052792E+05	2.3423144E+05	2.3190372E+05	2.4092230E+05
2.3581894E+05	2.3250638E+05	2.5041692E+05		
4.137451E+01	2.4082189E+05	2.3456864E+05	2.3225908E+05	2.4123350E+05
2.3613142E+05	2.3282173E+05	2.5075550E+05		
4.188536E+01	2.4111020E+05	2.3490006E+05	2.3261002E+05	2.4153812E+05
2.3643969E+05	2.3313294E+05	2.5108889E+05		
4.239460E+01	2.4139048E+05	2.3522177E+05	2.3295222E+05	2.4183259E+05
2.3673998E+05	2.3343628E+05	2.5141295E+05		
4.290141E+01	2.4166053E+05	2.3553198E+05	2.3328355E+05	2.4211506E+05
2.3702984E+05	2.3373000E+05	2.5172547E+05		
4.340367E+01	2.4191706E+05	2.3582856E+05	2.3360127E+05	2.4238320E+05
2.3730448E+05	2.3401130E+05	2.5202373E+05		
4.391029E+01	2.4216236E+05	2.3611602E+05	2.3391036E+05	2.4264136E+05
2.3756731E+05	2.3428395E+05	2.5231183E+05		
4.442013E+01	2.4239312E+05	2.3639155E+05	2.3420781E+05	2.4288711E+05
2.3781631E+05	2.3454573E+05	2.5258714E+05		
4.493227E+01	2.4261128E+05	2.3665573E+05	2.3449431E+05	2.4312100E+05
2.3805327E+05	2.3479730E+05	2.5285056E+05		
4.543827E+01	2.4281561E+05	2.3690533E+05	2.3476628E+05	2.4334025E+05
2.3827661E+05	2.3503606E+05	2.5309930E+05		
4.593893E+01	2.4301120E+05	2.3714430E+05	2.3502786E+05	2.4354897E+05
2.3849102E+05	2.3526611E+05	2.5333767E+05		
4.644418E+01	2.4320464E+05	2.3738019E+05	2.3528697E+05	2.4375427E+05
2.3870286E+05	2.3549472E+05	2.5357305E+05		
4.695213E+01	2.4339756E+05	2.3761520E+05	2.3554536E+05	2.4395823E+05
2.3891259E+05	2.3572317E+05	2.5380759E+05		
4.745940E+01	2.4358697E+05	2.3784798E+05	2.3580092E+05	2.4415966E+05
2.3911936E+05	2.3595030E+05	2.5403944E+05		
4.797015E+01	2.4377380E+05	2.3807991E+05	2.3605575E+05	2.4436022E+05
2.3932388E+05	2.3617705E+05	2.5427016E+05		
4.847311E+01	2.4395578E+05	2.3830778E+05	2.3630583E+05	2.4455789E+05
2.3952492E+05	2.3640119E+05	2.5449681E+05		
4.898312E+01	2.4413347E+05	2.3853261E+05	2.3655334E+05	2.4475183E+05
2.3972291E+05	2.3662336E+05	2.5472045E+05		
4.948804E+01	2.4430350E+05	2.3874823E+05	2.3679191E+05	2.4493652E+05
2.3991339E+05	2.3683794E+05	2.5493536E+05		
4.999225E+01	2.4446394E+05	2.3895281E+05	2.3701944E+05	2.4511067E+05
2.4009389E+05	2.3704266E+05	2.5513888E+05		
5.049424E+01	2.4461358E+05	2.3914484E+05	2.3723420E+05	2.4527128E+05
2.4026198E+05	2.3723570E+05	2.5532947E+05		
5.099622E+01	2.4475494E+05	2.3932836E+05	2.3744047E+05	2.4542345E+05
2.4042152E+05	2.3742152E+05	2.5551134E+05		
5.149626E+01	2.4489095E+05	2.3950702E+05	2.3764145E+05	2.4557084E+05
2.4057588E+05	2.3760355E+05	2.5568823E+05		
5.199947E+01	2.4502470E+05	2.3968517E+05	2.3784183E+05	2.4571717E+05
2.4072944E+05	2.3778577E+05	2.5586441E+05		

5.250106E+01	2.4515725E+05	2.3986288E+05	2.3804155E+05	2.4586372E+05
2.4088381E+05	2.3796883E+05	2.5604028E+05		
5.300600E+01	2.4528816E+05	2.4004134E+05	2.3824191E+05	2.4601030E+05
2.4103958E+05	2.3815377E+05	2.5621714E+05		
5.351564E+01	2.4540461E+05	2.4020912E+05	2.3843102E+05	2.4614391E+05
2.4118461E+05	2.3832753E+05	2.5638186E+05		
5.402672E+01	2.4546922E+05	2.4033366E+05	2.3857305E+05	2.4622628E+05
2.4128252E+05	2.3845286E+05	2.5649722E+05		
5.452872E+01	2.4556544E+05	2.4052909E+05	2.3877988E+05	2.4636561E+05
2.4146045E+05	2.3865152E+05	2.5668248E+05		
5.503849E+01	2.4569736E+05	2.4077414E+05	2.3903484E+05	2.4654114E+05
2.4167936E+05	2.3888938E+05	2.5691869E+05		
5.554660E+01	2.4582052E+05	2.4100008E+05	2.3927147E+05	2.4670794E+05
2.4187903E+05	2.3911066E+05	2.5713586E+05		
5.606082E+01	2.4589300E+05	2.4117006E+05	2.3945581E+05	2.4682441E+05
2.4202478E+05	2.3928252E+05	2.5729672E+05		
5.657179E+01	2.4597270E+05	2.4135189E+05	2.3964944E+05	2.4694655E+05
2.4218281E+05	2.3946570E+05	2.5746841E+05		
5.707279E+01	2.4599588E+05	2.4146133E+05	2.3977094E+05	2.4700478E+05
2.4226511E+05	2.3957322E+05	2.5756439E+05		
5.758298E+01	2.4598788E+05	2.4154350E+05	2.3986823E+05	2.4703561E+05
2.4232577E+05	2.3966125E+05	2.5763438E+05		
5.810007E+01	2.4604514E+05	2.4167675E+05	2.4001970E+05	2.4712119E+05
2.4243923E+05	2.3980383E+05	2.5776220E+05		
5.860656E+01	2.4613798E+05	2.4183398E+05	2.4019730E+05	2.4723219E+05
2.4258375E+05	2.3997714E+05	2.5791919E+05		
5.912025E+01	2.4624403E+05	2.4198672E+05	2.4037094E+05	2.4733708E+05
2.4271961E+05	2.4014272E+05	2.5807200E+05		
5.962025E+01	2.4633150E+05	2.4211655E+05	2.4052069E+05	2.4741839E+05
2.4283158E+05	2.4028514E+05	2.5820066E+05		
6.012025E+01	2.4642144E+05	2.4224906E+05	2.4067283E+05	2.4750225E+05
2.4294727E+05	2.4043148E+05	2.5833223E+05		
6.062025E+01	2.4650748E+05	2.4237733E+05	2.4082020E+05	2.4758175E+05
2.4305911E+05	2.4057352E+05	2.5845939E+05		
6.112025E+01	2.4658811E+05	2.4249902E+05	2.4096134E+05	2.4765494E+05
2.4316623E+05	2.4070952E+05	2.5858038E+05		
6.162025E+01	2.4666269E+05	2.4261352E+05	2.4109522E+05	2.4772148E+05
2.4326786E+05	2.4083905E+05	2.5869423E+05		
6.212025E+01	2.4673127E+05	2.4272061E+05	2.4122125E+05	2.4778108E+05
2.4336320E+05	2.4096147E+05	2.5880080E+05		
6.262025E+01	2.4679558E+05	2.4282308E+05	2.4134264E+05	2.4783612E+05
2.4345380E+05	2.4107962E+05	2.5890247E+05		
6.312025E+01	2.4685742E+05	2.4292342E+05	2.4146133E+05	2.4788962E+05
2.4354162E+05	2.4119539E+05	2.5900161E+05		
6.362025E+01	2.4691803E+05	2.4302381E+05	2.4157933E+05	2.4794408E+05
2.4362889E+05	2.4131097E+05	2.5910053E+05		
6.412025E+01	2.4697953E+05	2.4312586E+05	2.4169864E+05	2.4800133E+05
2.4371814E+05	2.4142819E+05	2.5920139E+05		
6.462025E+01	2.4704233E+05	2.4322984E+05	2.4181958E+05	2.4806194E+05
2.4381031E+05	2.4154752E+05	2.5930448E+05		
6.514344E+01	2.4710927E+05	2.4333952E+05	2.4194684E+05	2.4812739E+05
2.4390920E+05	2.4167359E+05	2.5941380E+05		
6.566270E+01	2.4717722E+05	2.4344969E+05	2.4207391E+05	2.4819431E+05
2.4400944E+05	2.4179983E+05	2.5952366E+05		
6.618295E+01	2.4724405E+05	2.4355828E+05	2.4219908E+05	2.4825997E+05
2.4410848E+05	2.4192475E+05	2.5963202E+05		

6.668818E+01 2.4730531E+05 2.4366033E+05 2.4231694E+05 2.4832083E+05
2.4420097E+05 2.4204261E+05 2.5973345E+05
6.719306E+01 2.4736083E+05 2.4375670E+05 2.4242853E+05 2.4837664E+05
2.4428730E+05 2.4215458E+05 2.5982884E+05
6.770707E+01 2.4741111E+05 2.4384869E+05 2.4253584E+05 2.4842817E+05
2.4436920E+05 2.4226252E+05 2.5991961E+05
6.821601E+01 2.4745483E+05 2.4393391E+05 2.4263623E+05 2.4847377E+05
2.4444509E+05 2.4236372E+05 2.6000350E+05
6.872067E+01 2.4749609E+05 2.4401591E+05 2.4273298E+05 2.4851742E+05
2.4451867E+05 2.4246186E+05 2.6008433E+05
6.922510E+01 2.4753859E+05 2.4409834E+05 2.4283003E+05 2.4856220E+05
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2.4520681E+05 2.4334858E+05 2.6082509E+05
7.377091E+01 2.4791125E+05 2.4482905E+05 2.4367948E+05 2.4896997E+05
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7.427091E+01 2.4793667E+05 2.4489297E+05 2.4375538E+05 2.4899914E+05
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7.628299E+01 2.4807975E+05 2.4519212E+05 2.4409905E+05 2.4916197E+05
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2.4579680E+05 2.4409064E+05 2.6144739E+05
7.778299E+01 2.4825602E+05 2.4548870E+05 2.4442481E+05 2.4935886E+05
2.4589191E+05 2.4420250E+05 2.6154652E+05
7.830791E+01 2.4831100E+05 2.4558639E+05 2.4453228E+05 2.4942145E+05
2.4598553E+05 2.4431406E+05 2.6164450E+05
7.880791E+01 2.4835733E+05 2.4567398E+05 2.4462902E+05 2.4947544E+05
2.4606927E+05 2.4441503E+05 2.6173212E+05
7.930791E+01 2.4840139E+05 2.4575919E+05 2.4472312E+05 2.4952675E+05
2.4615084E+05 2.4451320E+05 2.6181705E+05
7.980791E+01 2.4843739E+05 2.4583605E+05 2.4480941E+05 2.4957008E+05
2.4622456E+05 2.4460344E+05 2.6189375E+05
8.030791E+01 2.4846494E+05 2.4590386E+05 2.4488647E+05 2.4960442E+05
2.4628961E+05 2.4468448E+05 2.6196080E+05

8.080791E+01	2.4850298E+05	2.4598189E+05	2.4497370E+05	2.4964825E+05
2.4636516E+05	2.4477539E+05	2.6203877E+05		
8.130791E+01	2.4854391E+05	2.4606292E+05	2.4506367E+05	2.4969480E+05
2.4644366E+05	2.4486920E+05	2.6211970E+05		
8.180791E+01	2.4858348E+05	2.4614317E+05	2.4515292E+05	2.4973991E+05
2.4652155E+05	2.4496191E+05	2.6219991E+05		
8.230791E+01	2.4862061E+05	2.4622095E+05	2.4523955E+05	2.4978295E+05
2.4659688E+05	2.4505212E+05	2.6227750E+05		
8.280791E+01	2.4864981E+05	2.4629134E+05	2.4531869E+05	2.4981770E+05
2.4666475E+05	2.4513483E+05	2.6234712E+05		
8.330791E+01	2.4867364E+05	2.4635636E+05	2.4539255E+05	2.4984667E+05
2.4672711E+05	2.4521192E+05	2.6241116E+05		
8.380791E+01	2.4869645E+05	2.4642030E+05	2.4546530E+05	2.4987467E+05
2.4678877E+05	2.4528800E+05	2.6247425E+05		
8.430791E+01	2.4872189E+05	2.4648689E+05	2.4554064E+05	2.4990494E+05
2.4685348E+05	2.4536675E+05	2.6254019E+05		
8.483009E+01	2.4875162E+05	2.4655992E+05	2.4562261E+05	2.4993981E+05
2.4692470E+05	2.4545247E+05	2.6261278E+05		
8.533189E+01	2.4878381E+05	2.4663452E+05	2.4570566E+05	2.4997744E+05
2.4699738E+05	2.4553886E+05	2.6268712E+05		
8.583189E+01	2.4881814E+05	2.4671138E+05	2.4579084E+05	2.5001742E+05
2.4707239E+05	2.4562734E+05	2.6276403E+05		
8.634407E+01	2.4885667E+05	2.4679384E+05	2.4588150E+05	2.5006139E+05
2.4715325E+05	2.4572147E+05	2.6284653E+05		
8.686680E+01	2.4889298E+05	2.4687580E+05	2.4597161E+05	2.5010359E+05
2.4723342E+05	2.4581527E+05	2.6292847E+05		
8.738983E+01	2.4892955E+05	2.4695803E+05	2.4606230E+05	2.5014627E+05
2.4731453E+05	2.4590945E+05	2.6301097E+05		
8.789572E+01	2.4896211E+05	2.4703477E+05	2.4614714E+05	2.5018420E+05
2.4739011E+05	2.4599772E+05	2.6308781E+05		
8.841684E+01	2.4898947E+05	2.4710755E+05	2.4622828E+05	2.5021625E+05
2.4746197E+05	2.4608247E+05	2.6316034E+05		
8.892328E+01	2.4900661E+05	2.4716853E+05	2.4629745E+05	2.5023758E+05
2.4752177E+05	2.4615509E+05	2.6322072E+05		
8.943372E+01	2.4901681E+05	2.4722245E+05	2.4635912E+05	2.5025084E+05
2.4757436E+05	2.4622020E+05	2.6327331E+05		
8.995622E+01	2.4902194E+05	2.4727195E+05	2.4641652E+05	2.5025848E+05
2.4762264E+05	2.4628117E+05	2.6332141E+05		
9.045622E+01	2.4902730E+05	2.4731930E+05	2.4647136E+05	2.5026602E+05
2.4766898E+05	2.4633989E+05	2.6336750E+05		
9.096755E+01	2.4903752E+05	2.4737192E+05	2.4653156E+05	2.5027722E+05
2.4772039E+05	2.4640331E+05	2.6341891E+05		
9.146755E+01	2.4905197E+05	2.4742770E+05	2.4659442E+05	2.5029256E+05
2.4777484E+05	2.4646989E+05	2.6347372E+05		
9.196755E+01	2.4907094E+05	2.4748744E+05	2.4666122E+05	2.5031233E+05
2.4783377E+05	2.4654039E+05	2.6353278E+05		
9.248622E+01	2.4909308E+05	2.4755202E+05	2.4673281E+05	2.5033500E+05
2.4789742E+05	2.4661550E+05	2.6359669E+05		
9.299437E+01	2.4911822E+05	2.4761842E+05	2.4680592E+05	2.5036033E+05
2.4796312E+05	2.4669236E+05	2.6366266E+05		
9.350123E+01	2.4914380E+05	2.4768461E+05	2.4687853E+05	2.5038619E+05
2.4802844E+05	2.4676881E+05	2.6372847E+05		
9.401919E+01	2.4916505E+05	2.4774702E+05	2.4694761E+05	2.5040711E+05
2.4808967E+05	2.4684131E+05	2.6379016E+05		
9.453943E+01	2.4916830E+05	2.4779072E+05	2.4699764E+05	2.5040842E+05
2.4813089E+05	2.4689389E+05	2.6383178E+05		

9.504118E+01	2.4915073E+05	2.4781541E+05	2.4702819E+05	2.5039544E+05
2.4815742E+05	2.4693173E+05	2.6385319E+05		
9.554896E+01	2.4917780E+05	2.4788509E+05	2.4710400E+05	2.5041931E+05
2.4822317E+05	2.4700773E+05	2.6392244E+05		
9.604896E+01	2.4917195E+05	2.4791789E+05	2.4714292E+05	2.5041589E+05
2.4825595E+05	2.4705134E+05	2.6395291E+05		
9.654896E+01	2.4916656E+05	2.4795234E+05	2.4718330E+05	2.5041183E+05
2.4829005E+05	2.4709569E+05	2.6398516E+05		
9.706335E+01	2.4916783E+05	2.4799388E+05	2.4723106E+05	2.5041372E+05
2.4833073E+05	2.4714661E+05	2.6402494E+05		
9.758144E+01	2.4917456E+05	2.4804098E+05	2.4728442E+05	2.5042156E+05
2.4837716E+05	2.4720362E+05	2.6407044E+05		
9.808710E+01	2.4918431E+05	2.4808995E+05	2.4733955E+05	2.5043252E+05
2.4842538E+05	2.4726209E+05	2.6411812E+05		
9.859486E+01	2.4919817E+05	2.4814258E+05	2.4739797E+05	2.5044741E+05
2.4847738E+05	2.4732391E+05	2.6416975E+05		
9.910259E+01	2.4921005E+05	2.4819245E+05	2.4745388E+05	2.5045939E+05
2.4852570E+05	2.4738214E+05	2.6421844E+05		
9.960883E+01	2.4922344E+05	2.4824439E+05	2.4751175E+05	2.5047500E+05
2.4857764E+05	2.4744386E+05	2.6426928E+05		
1.050470E+02	2.4922005E+05	2.4863139E+05	2.4795802E+05	2.5048519E+05
2.4895780E+05	2.4792267E+05	2.6463566E+05		
1.100490E+02	2.4916755E+05	2.4893109E+05	2.4830844E+05	2.5046897E+05
2.4925592E+05	2.4830239E+05	2.6491459E+05		
1.150536E+02	2.4870812E+05	2.4877753E+05	2.4819945E+05	2.4999983E+05
2.4908180E+05	2.4820178E+05	2.6471209E+05		
1.200844E+02	2.4790027E+05	2.4840112E+05	2.4786938E+05	2.4923195E+05
2.4871994E+05	2.4790002E+05	2.6427975E+05		
1.251066E+02	2.4780011E+05	2.4863778E+05	2.4814486E+05	2.4920084E+05
2.4895306E+05	2.4819036E+05	2.6449500E+05		
1.301141E+02	2.4771602E+05	2.4886077E+05	2.4840020E+05	2.4917367E+05
2.4917441E+05	2.4846183E+05	2.6469694E+05		
1.351283E+02	2.4759442E+05	2.4906852E+05	2.4863536E+05	2.4910947E+05
2.4938053E+05	2.4871067E+05	2.6488309E+05		
1.401329E+02	2.4745622E+05	2.4928667E+05	2.4887794E+05	2.4902356E+05
2.4959594E+05	2.4896280E+05	2.6507941E+05		
1.451352E+02	2.4729372E+05	2.4954186E+05	2.4915752E+05	2.4893475E+05
2.4985067E+05	2.4924908E+05	2.6531688E+05		
1.501399E+02	2.4707283E+05	2.4980450E+05	2.4944306E+05	2.4879870E+05
2.5011203E+05	2.4953888E+05	2.6556247E+05		
1.551709E+02	2.4679616E+05	2.5002820E+05	2.4968733E+05	2.4857030E+05
2.5033370E+05	2.4978739E+05	2.6576788E+05		
1.602165E+02	2.4649084E+05	2.5022148E+05	2.4989859E+05	2.4827558E+05
2.5052605E+05	2.5000277E+05	2.6594178E+05		
1.652350E+02	2.4618300E+05	2.5040897E+05	2.5010188E+05	2.4796192E+05
2.5071167E+05	2.5020967E+05	2.6611025E+05		
1.702598E+02	2.4588202E+05	2.5060989E+05	2.5031703E+05	2.4765686E+05
2.5091025E+05	2.5042838E+05	2.6629419E+05		
1.752735E+02	2.4558208E+05	2.5080333E+05	2.5052428E+05	2.4734850E+05
2.5110377E+05	2.5063862E+05	2.6647231E+05		
1.802951E+02	2.4527366E+05	2.5098814E+05	2.5071859E+05	2.4703658E+05
2.5128808E+05	2.5083769E+05	2.6664144E+05		
1.853119E+02	2.4493797E+05	2.5114008E+05	2.5087906E+05	2.4669988E+05
2.5143888E+05	2.5100188E+05	2.6677666E+05		
1.903279E+02	2.4460862E+05	2.5128403E+05	2.5103198E+05	2.4636655E+05
2.5158098E+05	2.5115647E+05	2.6690444E+05		

1.953564E+02	2.4428614E+05	2.5144520E+05	2.5120131E+05	2.4605447E+05
2.5174119E+05	2.5132719E+05	2.6705122E+05		
2.003570E+02	2.4397177E+05	2.5160897E+05	2.5137386E+05	2.4575558E+05
2.5190534E+05	2.5150069E+05	2.6720325E+05		
2.053755E+02	2.4366175E+05	2.5174614E+05	2.5151758E+05	2.4543570E+05
2.5204119E+05	2.5164523E+05	2.6732609E+05		
2.104183E+02	2.4334997E+05	2.5184178E+05	2.5161861E+05	2.4509159E+05
2.5213683E+05	2.5174797E+05	2.6740541E+05		
2.154335E+02	2.4304925E+05	2.5191642E+05	2.5169658E+05	2.4475139E+05
2.5220981E+05	2.5182659E+05	2.6746156E+05		
2.204606E+02	2.4277011E+05	2.5199142E+05	2.5177548E+05	2.4443500E+05
2.5228417E+05	2.5190638E+05	2.6751991E+05		
2.254792E+02	2.4251514E+05	2.5207064E+05	2.5185977E+05	2.4414922E+05
2.5236603E+05	2.5199109E+05	2.6758512E+05		
2.304864E+02	2.4227686E+05	2.5215662E+05	2.5194945E+05	2.4388683E+05
2.5245489E+05	2.5208306E+05	2.6765838E+05		
2.354968E+02	2.4202280E+05	2.5221609E+05	2.5200969E+05	2.4360991E+05
2.5251297E+05	2.5214472E+05	2.6770150E+05		
2.404991E+02	2.4176259E+05	2.5225042E+05	2.5204411E+05	2.4332083E+05
2.5254411E+05	2.5217920E+05	2.6771703E+05		
2.455048E+02	2.4150430E+05	2.5228420E+05	2.5207828E+05	2.4304166E+05
2.5257347E+05	2.5221248E+05	2.6773297E+05		
2.505233E+02	2.4125466E+05	2.5233041E+05	2.5212398E+05	2.4277902E+05
2.5261362E+05	2.5225784E+05	2.6776128E+05		
2.555298E+02	2.4102359E+05	2.5238292E+05	2.5217897E+05	2.4253373E+05
2.5266331E+05	2.5231297E+05	2.6780031E+05		
2.605788E+02	2.4078356E+05	2.5242205E+05	2.5221986E+05	2.4227497E+05
2.5270348E+05	2.5235400E+05	2.6782534E+05		
2.656043E+02	2.4052495E+05	2.5243361E+05	2.5223375E+05	2.4199712E+05
2.5271547E+05	2.5236806E+05	2.6782228E+05		
2.706539E+02	2.4025891E+05	2.5244231E+05	2.5224203E+05	2.4171205E+05
2.5272178E+05	2.5237620E+05	2.6781388E+05		
2.756957E+02	2.4000552E+05	2.5246044E+05	2.5225936E+05	2.4143850E+05
2.5273609E+05	2.5239361E+05	2.6781556E+05		
2.807159E+02	2.3977470E+05	2.5249356E+05	2.5229289E+05	2.4118648E+05
2.5276475E+05	2.5242705E+05	2.6783506E+05		
2.857581E+02	2.3954919E+05	2.5252339E+05	2.5232255E+05	2.4093053E+05
2.5278848E+05	2.5245562E+05	2.6785028E+05		
2.907736E+02	2.3929997E+05	2.5253184E+05	2.5233527E+05	2.4067498E+05
2.5278981E+05	2.5246797E+05	2.6784838E+05		
2.957799E+02	2.3902833E+05	2.5253125E+05	2.5232748E+05	2.4038588E+05
2.5276886E+05	2.5245947E+05	2.6782531E+05		
3.007857E+02	2.3876278E+05	2.5253292E+05	2.5232739E+05	2.4011089E+05
2.5276250E+05	2.5245842E+05	2.6781006E+05		
3.058138E+02	2.3868358E+05	2.5238280E+05	2.5229994E+05	2.4021286E+05
2.5274169E+05	2.5243995E+05	2.6777812E+05		
3.108138E+02	2.3843458E+05	2.5236278E+05	2.5231761E+05	2.4013698E+05
2.5280594E+05	2.5247762E+05	2.6781153E+05		
3.158304E+02	2.3818020E+05	2.5237303E+05	2.5232427E+05	2.3987528E+05
2.5284661E+05	2.5249784E+05	2.6783175E+05		
3.208480E+02	2.3790378E+05	2.5240808E+05	2.5233230E+05	2.3956027E+05
2.5284030E+05	2.5251281E+05	2.6784888E+05		
3.258746E+02	2.3762839E+05	2.5243923E+05	2.5233716E+05	2.3924442E+05
2.5282644E+05	2.5251905E+05	2.6785912E+05		
3.308900E+02	2.3738570E+05	2.5247261E+05	2.5234452E+05	2.3893727E+05
2.5283211E+05	2.5252520E+05	2.6786853E+05		

3.358961E+02 2.3717119E+05 2.5248133E+05 2.5233520E+05 2.3863892E+05
2.5281781E+05 2.5251089E+05 2.6785591E+05
3.409074E+02 2.3695761E+05 2.5245981E+05 2.5229814E+05 2.3833797E+05
2.5277255E+05 2.5246717E+05 2.6781116E+05
3.459233E+02 2.3671131E+05 2.5244977E+05 2.5227784E+05 2.3806622E+05
2.5274491E+05 2.5244039E+05 2.6778228E+05
3.509260E+02 2.3657844E+05 2.5238389E+05 2.5223919E+05 2.3782277E+05
2.5267864E+05 2.5239920E+05 2.6773709E+05
3.559283E+02 2.3641070E+05 2.5234931E+05 2.5219708E+05 2.3758214E+05
2.5262575E+05 2.5235677E+05 2.6768978E+05
3.609366E+02 2.3627944E+05 2.5229453E+05 2.5215173E+05 2.3736270E+05
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3.659482E+02 2.3607961E+05 2.5223052E+05 2.5208019E+05 2.3711967E+05
2.5250227E+05 2.5223566E+05 2.6755844E+05
3.709486E+02 2.3590398E+05 2.5214622E+05 2.5199594E+05 2.3688284E+05
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3.759580E+02 2.3573847E+05 2.5208028E+05 2.5192048E+05 2.3664531E+05
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3.809612E+02 2.3555141E+05 2.5202688E+05 2.5185603E+05 2.3644331E+05
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3.859788E+02 2.3537023E+05 2.5197794E+05 2.5179634E+05 2.3624464E+05
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4.010229E+02 2.3479827E+05 2.5173781E+05 2.5153442E+05 2.3561144E+05
2.5192698E+05 2.5166698E+05 2.6693372E+05
4.060714E+02 2.3463255E+05 2.5165888E+05 2.5145438E+05 2.3542238E+05
2.5184506E+05 2.5158377E+05 2.6683906E+05
4.111179E+02 2.3447400E+05 2.5159188E+05 2.5138333E+05 2.3524486E+05
2.5176986E+05 2.5150980E+05 2.6675338E+05
4.161518E+02 2.3427028E+05 2.5147103E+05 2.5125734E+05 2.3501859E+05
2.5164477E+05 2.5138070E+05 2.6660900E+05
4.211620E+02 2.3412473E+05 2.5140316E+05 2.5118408E+05 2.3484788E+05
2.5156688E+05 2.5130603E+05 2.6652188E+05
4.261913E+02 2.3395666E+05 2.5130900E+05 2.5108756E+05 2.3465800E+05
2.5146844E+05 2.5120619E+05 2.6640816E+05
4.311930E+02 2.3380220E+05 2.5123434E+05 2.5101250E+05 2.3449167E+05
2.5138580E+05 2.5112780E+05 2.6631575E+05
4.361968E+02 2.3364934E+05 2.5116738E+05 2.5094281E+05 2.3433172E+05
2.5130267E+05 2.5105566E+05 2.6622997E+05
4.412443E+02 2.3348939E+05 2.5108622E+05 2.5085998E+05 2.3416116E+05
2.5121294E+05 2.5097027E+05 2.6613009E+05
4.462449E+02 2.3332505E+05 2.5098820E+05 2.5076000E+05 2.3397822E+05
2.5110867E+05 2.5086888E+05 2.6601256E+05
4.512502E+02 2.3317227E+05 2.5090370E+05 2.5067386E+05 2.3381291E+05
2.5102047E+05 2.5078209E+05 2.6591075E+05
4.562851E+02 2.3301825E+05 2.5084106E+05 2.5061159E+05 2.3367108E+05
2.5095531E+05 2.5071917E+05 2.6583388E+05
4.613121E+02 2.3287659E+05 2.5079047E+05 2.5056220E+05 2.3354247E+05
2.5090011E+05 2.5066838E+05 2.6577041E+05
4.663397E+02 2.3273980E+05 2.5073636E+05 2.5050948E+05 2.3341078E+05
2.5084292E+05 2.5061409E+05 2.6570319E+05
4.713776E+02 2.3259575E+05 2.5066741E+05 2.5044014E+05 2.3326381E+05
2.5076241E+05 2.5054316E+05 2.6561794E+05

4.763856E+02	2.3244739E+05	2.5058333E+05	2.5035498E+05	2.3310541E+05
2.5067166E+05	2.5045736E+05	2.6551703E+05		
4.814128E+02	2.3231100E+05	2.5050400E+05	2.5027480E+05	2.3295453E+05
2.5059030E+05	2.5037683E+05	2.6542259E+05		
4.864223E+02	2.3219761E+05	2.5045242E+05	2.5022450E+05	2.3283492E+05
2.5053800E+05	2.5032673E+05	2.6536012E+05		
4.914722E+02	2.3209091E+05	2.5041367E+05	2.5018880E+05	2.3272941E+05
2.5049983E+05	2.5029038E+05	2.6531281E+05		
4.964919E+02	2.3198448E+05	2.5037130E+05	2.5014925E+05	2.3262162E+05
2.5045862E+05	2.5025022E+05	2.6526147E+05		
5.015259E+02	2.3186494E+05	2.5031284E+05	2.5009209E+05	2.3249766E+05
2.5040125E+05	2.5019258E+05	2.6519175E+05		
5.065450E+02	2.3174142E+05	2.5024853E+05	2.5002833E+05	2.3236809E+05
2.5033853E+05	2.5012822E+05	2.6511556E+05		
5.115457E+02	2.3164328E+05	2.5019091E+05	2.4997506E+05	2.3224906E+05
2.5027691E+05	2.5007484E+05	2.6505112E+05		
5.165457E+02	2.3154488E+05	2.5015588E+05	2.4993878E+05	2.3214672E+05
2.5023203E+05	2.5003864E+05	2.6500459E+05		
5.215463E+02	2.3144900E+05	2.5011959E+05	2.4990408E+05	2.3204788E+05
2.5019292E+05	2.5000414E+05	2.6496041E+05		
5.265685E+02	2.3134680E+05	2.5006178E+05	2.4985141E+05	2.3193777E+05
2.5013252E+05	2.4995191E+05	2.6489769E+05		
5.316183E+02	2.3122012E+05	2.5000097E+05	2.4978964E+05	2.3181145E+05
2.5007173E+05	2.4989005E+05	2.6482516E+05		
5.366320E+02	2.3109861E+05	2.4994284E+05	2.4973266E+05	2.3169131E+05
2.5001973E+05	2.4983358E+05	2.6475828E+05		
5.416345E+02	2.3099589E+05	2.4990028E+05	2.4969356E+05	2.3158941E+05
2.4998250E+05	2.4979417E+05	2.6471016E+05		
5.466345E+02	2.3089816E+05	2.4986823E+05	2.4966355E+05	2.3149512E+05
2.4995558E+05	2.4976441E+05	2.6467234E+05		
5.516580E+02	2.3078706E+05	2.4982128E+05	2.4961803E+05	2.3138700E+05
2.4991484E+05	2.4971903E+05	2.6461831E+05		
5.566583E+02	2.3066248E+05	2.4975830E+05	2.4955466E+05	2.3126217E+05
2.4985803E+05	2.4965584E+05	2.6454516E+05		
5.616711E+02	2.3053448E+05	2.4969330E+05	2.4949089E+05	2.3113772E+05
2.4980400E+05	2.4959200E+05	2.6447309E+05		
5.666711E+02	2.3042300E+05	2.4964764E+05	2.4944600E+05	2.3103128E+05
2.4976564E+05	2.4954725E+05	2.6442072E+05		
5.717148E+02	2.3031930E+05	2.4960911E+05	2.4940977E+05	2.3093275E+05
2.4973519E+05	2.4951105E+05	2.6437750E+05		
5.767209E+02	2.3020933E+05	2.4956738E+05	2.4936858E+05	2.3083030E+05
2.4970098E+05	2.4947030E+05	2.6432972E+05		
5.817575E+02	2.3009662E+05	2.4948964E+05	2.4930634E+05	2.3074378E+05
2.4965422E+05	2.4940944E+05	2.6426131E+05		
5.867994E+02	2.2996448E+05	2.4942236E+05	2.4924022E+05	2.3062861E+05
2.4960528E+05	2.4934480E+05	2.6418994E+05		
5.918351E+02	2.2984638E+05	2.4937403E+05	2.4919006E+05	2.3051856E+05
2.4956869E+05	2.4929658E+05	2.6413669E+05		
5.968547E+02	2.2974070E+05	2.4934050E+05	2.4915383E+05	2.3041850E+05
2.4953914E+05	2.4926105E+05	2.6409728E+05		
6.018547E+02	2.2963477E+05	2.4930006E+05	2.4911005E+05	2.3031139E+05
2.4950033E+05	2.4921730E+05	2.6404931E+05		
6.068926E+02	2.2951378E+05	2.4924477E+05	2.4904981E+05	2.3018948E+05
2.4944442E+05	2.4915684E+05	2.6398366E+05		
6.119015E+02	2.2937120E+05	2.4917570E+05	2.4897492E+05	2.3005402E+05
2.4937588E+05	2.4908084E+05	2.6390222E+05		

6.169453E+02	2.2923898E+05	2.4911459E+05	2.4891000E+05	2.2992758E+05
2.4931488E+05	2.4901453E+05	2.6383053E+05		
6.219643E+02	2.2912177E+05	2.4906964E+05	2.4886148E+05	2.2981623E+05
2.4926573E+05	2.4896484E+05	2.6377641E+05		
6.269753E+02	2.2900992E+05	2.4902036E+05	2.4880984E+05	2.2970330E+05
2.4921533E+05	2.4891242E+05	2.6371891E+05		
6.319825E+02	2.2888720E+05	2.4895398E+05	2.4874031E+05	2.2957283E+05
2.4914873E+05	2.4884141E+05	2.6364194E+05		
6.369911E+02	2.2874308E+05	2.4885897E+05	2.4864131E+05	2.2941730E+05
2.4905416E+05	2.4874081E+05	2.6353303E+05		
6.420153E+02	2.2847734E+05	2.4862419E+05	2.4840091E+05	2.2916831E+05
2.4881067E+05	2.4849855E+05	2.6327466E+05		
6.470455E+02	2.2839427E+05	2.4861036E+05	2.4839323E+05	2.2910644E+05
2.4880395E+05	2.4849047E+05	2.6326297E+05		
6.520916E+02	2.2840214E+05	2.4868297E+05	2.4847412E+05	2.2911983E+05
2.4887561E+05	2.4857136E+05	2.6334578E+05		
6.571367E+02	2.2830016E+05	2.4864080E+05	2.4843030E+05	2.2902450E+05
2.4882919E+05	2.4852836E+05	2.6329744E+05		
6.621520E+02	2.2818514E+05	2.4858006E+05	2.4836889E+05	2.2891438E+05
2.4876972E+05	2.4846694E+05	2.6323012E+05		
6.671806E+02	2.2806780E+05	2.4851544E+05	2.4830386E+05	2.2879883E+05
2.4870639E+05	2.4840122E+05	2.6315822E+05		
6.722262E+02	2.2796555E+05	2.4847741E+05	2.4826197E+05	2.2869769E+05
2.4865909E+05	2.4835816E+05	2.6311084E+05		
6.772686E+02	2.2786734E+05	2.4843498E+05	2.4821778E+05	2.2859430E+05
2.4861372E+05	2.4831395E+05	2.6306150E+05		
6.822707E+02	2.2775244E+05	2.4836612E+05	2.4814905E+05	2.2847600E+05
2.4854847E+05	2.4824423E+05	2.6298562E+05		
6.872923E+02	2.2754025E+05	2.4818439E+05	2.4796398E+05	2.2827578E+05
2.4836514E+05	2.4805822E+05	2.6278681E+05		
6.922954E+02	2.2745781E+05	2.4816380E+05	2.4794639E+05	2.2820528E+05
2.4834522E+05	2.4804022E+05	2.6276584E+05		
6.973051E+02	2.2738927E+05	2.4814464E+05	2.4793367E+05	2.2814539E+05
2.4833286E+05	2.4802730E+05	2.6274975E+05		
7.023073E+02	2.2730844E+05	2.4811023E+05	2.4790017E+05	2.2805392E+05
2.4830128E+05	2.4799395E+05	2.6271197E+05		
7.073430E+02	2.2717398E+05	2.4801792E+05	2.4780548E+05	2.2792502E+05
2.4821038E+05	2.4789988E+05	2.6261038E+05		
7.123453E+02	2.2708923E+05	2.4797609E+05	2.4776598E+05	2.2783444E+05
2.4817673E+05	2.4786034E+05	2.6256709E+05		
7.173482E+02	2.2698978E+05	2.4791620E+05	2.4770538E+05	2.2773453E+05
2.4812777E+05	2.4780658E+05	2.6250216E+05		
7.223600E+02	2.2691461E+05	2.4786709E+05	2.4766119E+05	2.2764384E+05
2.4808209E+05	2.4775583E+05	2.6245425E+05		
7.273726E+02	2.2681383E+05	2.4779792E+05	2.4759241E+05	2.2753414E+05
2.4801734E+05	2.4768644E+05	2.6237975E+05		
7.324192E+02	2.2669272E+05	2.4771589E+05	2.4750997E+05	2.2742698E+05
2.4793441E+05	2.4760398E+05	2.6229172E+05		
7.374575E+02	2.2660297E+05	2.4766650E+05	2.4746122E+05	2.2733883E+05
2.4788994E+05	2.4755600E+05	2.6224000E+05		
7.424575E+02	2.2651697E+05	2.4761566E+05	2.4740928E+05	2.2724470E+05
2.4783947E+05	2.4750400E+05	2.6218438E+05		
7.474720E+02	2.2638877E+05	2.4751812E+05	2.4730953E+05	2.2711952E+05
2.4774289E+05	2.4740372E+05	2.6207753E+05		
7.524910E+02	2.2633908E+05	2.4750495E+05	2.4729952E+05	2.2706470E+05
2.4773234E+05	2.4739384E+05	2.6206627E+05		

7.575264E+02	2.2624291E+05	2.4744159E+05	2.4723500E+05	2.2696334E+05
2.4766892E+05	2.4732866E+05	2.6199688E+05		
7.625316E+02	2.2608400E+05	2.4730252E+05	2.4709259E+05	2.2681400E+05
2.4752616E+05	2.4718581E+05	2.6184555E+05		
7.675541E+02	2.2598923E+05	2.4724064E+05	2.4703147E+05	2.2672209E+05
2.4746781E+05	2.4712448E+05	2.6178027E+05		
7.725990E+02	2.2583245E+05	2.4711136E+05	2.4689752E+05	2.2657444E+05
2.4733525E+05	2.4698989E+05	2.6163773E+05		
7.776382E+02	2.2580812E+05	2.4711936E+05	2.4691073E+05	2.2653761E+05
2.4734847E+05	2.4700272E+05	2.6165100E+05		
7.826681E+02	2.2574003E+05	2.4708119E+05	2.4687502E+05	2.2646738E+05
2.4731458E+05	2.4696695E+05	2.6161289E+05		
7.876682E+02	2.2562708E+05	2.4699681E+05	2.4678839E+05	2.2635769E+05
2.4722812E+05	2.4688031E+05	2.6152100E+05		
7.927143E+02	2.2555148E+05	2.4694944E+05	2.4674283E+05	2.2628058E+05
2.4718453E+05	2.4683481E+05	2.6147261E+05		
7.977427E+02	2.2539373E+05	2.4681025E+05	2.4659942E+05	2.2613161E+05
2.4704214E+05	2.4669116E+05	2.6132048E+05		
8.027863E+02	2.2528816E+05	2.4673038E+05	2.4651880E+05	2.2602511E+05
2.4696088E+05	2.4660969E+05	2.6123420E+05		
8.077863E+02	2.2519245E+05	2.4666069E+05	2.4645081E+05	2.2593759E+05
2.4689361E+05	2.4654114E+05	2.6116162E+05		
8.128088E+02	2.2512372E+05	2.4662334E+05	2.4641500E+05	2.2586422E+05
2.4685558E+05	2.4650488E+05	2.6112247E+05		
8.178396E+02	2.2491619E+05	2.4643762E+05	2.4622112E+05	2.2567503E+05
2.4665605E+05	2.4631011E+05	2.6091623E+05		
8.228683E+02	2.2481873E+05	2.4636683E+05	2.4615308E+05	2.2559136E+05
2.4658619E+05	2.4624120E+05	2.6084302E+05		
8.279000E+02	2.2483323E+05	2.4641248E+05	2.4620562E+05	2.2558956E+05
2.4663050E+05	2.4629353E+05	2.6089744E+05		
8.329000E+02	2.2461438E+05	2.4619567E+05	2.4598694E+05	2.2541698E+05
2.4640941E+05	2.4607478E+05	2.6066580E+05		
8.379267E+02	2.2453083E+05	2.4611180E+05	2.4591156E+05	2.2531777E+05
2.4632914E+05	2.4599884E+05	2.6058536E+05		
8.429336E+02	2.2453572E+05	2.4614302E+05	2.4595547E+05	2.2532806E+05
2.4637611E+05	2.4604423E+05	2.6063272E+05		
8.479440E+02	2.2363491E+05	2.4503895E+05	2.4484755E+05	2.2451638E+05
2.4526744E+05	2.4493436E+05	2.5946180E+05		
8.529523E+02	2.2428522E+05	2.4570027E+05	2.4558306E+05	2.2512028E+05
2.4594119E+05	2.4567347E+05	2.6024172E+05		
8.579803E+02	2.2369648E+05	2.4492966E+05	2.4482605E+05	2.2464122E+05
2.4517981E+05	2.4492331E+05	2.5945206E+05		
8.630277E+02	2.2400569E+05	2.4518000E+05	2.4513553E+05	2.2492428E+05
2.4544352E+05	2.4523945E+05	2.5978981E+05		
8.680298E+02	2.2355133E+05	2.4460270E+05	2.4454716E+05	2.2446953E+05
2.4485783E+05	2.4466084E+05	2.5918614E+05		
8.730469E+02	2.2395120E+05	2.4508191E+05	2.4505241E+05	2.2486947E+05
2.4535223E+05	2.4517658E+05	2.5973917E+05		
8.780671E+02	2.2396412E+05	2.4522147E+05	2.4518422E+05	2.2493192E+05
2.4550600E+05	2.4531808E+05	2.5990019E+05		
8.830836E+02	2.2357064E+05	2.4493828E+05	2.4487252E+05	2.2464611E+05
2.4522548E+05	2.4501055E+05	2.5958947E+05		
8.881301E+02	2.2348405E+05	2.4497297E+05	2.4489589E+05	2.2460784E+05
2.4526739E+05	2.4503538E+05	2.5963027E+05		
8.931561E+02	2.2349323E+05	2.4505722E+05	2.4497930E+05	2.2463622E+05
2.4537044E+05	2.4511878E+05	2.5973281E+05		

8.981845E+02 2.2308575E+05 2.4464545E+05 2.4454034E+05 2.2426152E+05
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9.032300E+02 2.2308467E+05 2.4467752E+05 2.4457591E+05 2.2426102E+05
2.4498998E+05 2.4471164E+05 2.5933075E+05
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9.183594E+02 2.2292244E+05 2.4462325E+05 2.4450489E+05 2.2410036E+05
2.4494805E+05 2.4463342E+05 2.5928436E+05
9.233762E+02 2.2293823E+05 2.4466902E+05 2.4454958E+05 2.2409791E+05
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9.283935E+02 2.2281798E+05 2.4457508E+05 2.4444541E+05 2.2399700E+05
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2.4476594E+05 2.4436828E+05 2.5913103E+05
1.018708E+03 2.2225725E+05 2.4440825E+05 2.4423531E+05 2.2328594E+05
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1.023737E+03 2.2219527E+05 2.4436978E+05 2.4419675E+05 2.2321597E+05
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1.028787E+03 2.2211186E+05 2.4431195E+05 2.4413533E+05 2.2312967E+05
2.4462881E+05 2.4423458E+05 2.5899633E+05
1.033812E+03 2.2205714E+05 2.4428292E+05 2.4410575E+05 2.2305986E+05
2.4459725E+05 2.4420414E+05 2.5896617E+05

1.038826E+03	2.2205216E+05	2.4430242E+05	2.4413180E+05	2.2304017E+05
2.4462231E+05	2.4422983E+05	2.5899464E+05		
1.043868E+03	2.2202214E+05	2.4429862E+05	2.4412722E+05	2.2298216E+05
2.4461553E+05	2.4422486E+05	2.5899084E+05		
1.048868E+03	2.2196022E+05	2.4425812E+05	2.4408656E+05	2.2291778E+05
2.4457438E+05	2.4418425E+05	2.5894923E+05		
1.053917E+03	2.2188148E+05	2.4420364E+05	2.4402878E+05	2.2283581E+05
2.4451689E+05	2.4412684E+05	2.5889047E+05		
1.058917E+03	2.2182745E+05	2.4417345E+05	2.4399864E+05	2.2277477E+05
2.4448633E+05	2.4409686E+05	2.5886036E+05		
1.063917E+03	2.2181650E+05	2.4418581E+05	2.4401523E+05	2.2274767E+05
2.4450270E+05	2.4411312E+05	2.5887950E+05		
1.068917E+03	2.2178186E+05	2.4417459E+05	2.4400520E+05	2.2270311E+05
2.4449277E+05	2.4410297E+05	2.5887106E+05		
1.073917E+03	2.2176039E+05	2.4417695E+05	2.4400962E+05	2.2266889E+05
2.4449716E+05	2.4410788E+05	2.5887769E+05		
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2.4451627E+05	2.4412725E+05	2.5889992E+05		
1.083917E+03	2.2176597E+05	2.4422855E+05	2.4407028E+05	2.2264858E+05
2.4455938E+05	2.4416977E+05	2.5894723E+05		
1.088917E+03	2.2177444E+05	2.4426106E+05	2.4410678E+05	2.2264369E+05
2.4459733E+05	2.4420745E+05	2.5898917E+05		
1.093917E+03	2.2176644E+05	2.4427816E+05	2.4412603E+05	2.2262628E+05
2.4461820E+05	2.4422773E+05	2.5901308E+05		
1.098959E+03	2.2173223E+05	2.4426938E+05	2.4411727E+05	2.2258625E+05
2.4461050E+05	2.4421938E+05	2.5900700E+05		
1.103988E+03	2.2157814E+05	2.4414012E+05	2.4397762E+05	2.2245684E+05
2.4447172E+05	2.4407983E+05	2.5886270E+05		
1.108988E+03	2.2157322E+05	2.4416256E+05	2.4400266E+05	2.2243572E+05
2.4449731E+05	2.4410547E+05	2.5889236E+05		
1.113988E+03	2.2155303E+05	2.4416803E+05	2.4400912E+05	2.2240438E+05
2.4450480E+05	2.4411186E+05	2.5890223E+05		
1.118988E+03	2.2145252E+05	2.4409008E+05	2.4392697E+05	2.2231605E+05
2.4442275E+05	2.4402928E+05	2.5881802E+05		
1.123988E+03	2.2143447E+05	2.4409872E+05	2.4393617E+05	2.2228220E+05
2.4443080E+05	2.4403812E+05	2.5883052E+05		
1.128988E+03	2.2134586E+05	2.4402641E+05	2.4386372E+05	2.2220522E+05
2.4435797E+05	2.4396522E+05	2.5875611E+05		
1.133988E+03	2.2129333E+05	2.4400002E+05	2.4383570E+05	2.2214750E+05
2.4432836E+05	2.4393681E+05	2.5872867E+05		
1.138988E+03	2.2115005E+05	2.4386466E+05	2.4369914E+05	2.2204445E+05
2.4418948E+05	2.4379967E+05	2.5858617E+05		
1.143988E+03	2.2107827E+05	2.4381970E+05	2.4365256E+05	2.2197964E+05
2.4413891E+05	2.4375272E+05	2.5853906E+05		
1.149029E+03	2.2107098E+05	2.4383836E+05	2.4367655E+05	2.2197473E+05
2.4415577E+05	2.4377616E+05	2.5856628E+05		
1.154029E+03	2.2101908E+05	2.4379814E+05	2.4364248E+05	2.2195697E+05
2.4411830E+05	2.4374242E+05	2.5853264E+05		
1.159029E+03	2.2091661E+05	2.4372333E+05	2.4356095E+05	2.2186212E+05
2.4403048E+05	2.4366072E+05	2.5844880E+05		
1.164029E+03	2.2084331E+05	2.4367141E+05	2.4351295E+05	2.2182544E+05
2.4398278E+05	2.4361364E+05	2.5840103E+05		
1.169073E+03	2.2086159E+05	2.4371211E+05	2.4356081E+05	2.2184422E+05
2.4402667E+05	2.4366203E+05	2.5845480E+05		
1.174073E+03	2.2080761E+05	2.4367903E+05	2.4352586E+05	2.2178325E+05
2.4399431E+05	2.4362744E+05	2.5842117E+05		

1.179073E+03 2.2069220E+05 2.4358123E+05 2.4342586E+05 2.2169955E+05
2.4389706E+05 2.4352744E+05 2.5831850E+05
1.184122E+03 2.2064225E+05 2.4355595E+05 2.4340031E+05 2.2164492E+05
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1.189164E+03 2.2059062E+05 2.4351719E+05 2.4336506E+05 2.2160709E+05
2.4384000E+05 2.4346691E+05 2.5825992E+05
1.194184E+03 2.2048394E+05 2.4342828E+05 2.4327392E+05 2.2151883E+05
2.4375044E+05 2.4337586E+05 2.5816653E+05
1.199231E+03 2.2033434E+05 2.4329405E+05 2.4313533E+05 2.2138381E+05
2.4360894E+05 2.4323645E+05 2.5802216E+05
1.204231E+03 2.2037683E+05 2.4335989E+05 2.4321425E+05 2.2142470E+05
2.4368661E+05 2.4331503E+05 2.5810792E+05
1.209231E+03 2.2024117E+05 2.4323938E+05 2.4308653E+05 2.2130066E+05
2.4355802E+05 2.4318712E+05 2.5797573E+05
1.214231E+03 2.2026327E+05 2.4327778E+05 2.4313459E+05 2.2131509E+05
2.4360728E+05 2.4323528E+05 2.5802936E+05
1.219231E+03 2.2007341E+05 2.4309734E+05 2.4294583E+05 2.2117172E+05
2.4342050E+05 2.4304700E+05 2.5783311E+05
1.224231E+03 2.2009616E+05 2.4313989E+05 2.4299597E+05 2.2117222E+05
2.4347223E+05 2.4309709E+05 2.5788892E+05
1.229231E+03 2.1993911E+05 2.4299339E+05 2.4284462E+05 2.2106281E+05
2.4332270E+05 2.4294606E+05 2.5773227E+05
1.234231E+03 2.1979194E+05 2.4285878E+05 2.4270550E+05 2.2094019E+05
2.4318342E+05 2.4280594E+05 2.5758706E+05
1.239231E+03 2.1972725E+05 2.4280742E+05 2.4265775E+05 2.2089120E+05
2.4313633E+05 2.4275742E+05 2.5753883E+05
1.244231E+03 2.1960031E+05 2.4269017E+05 2.4253986E+05 2.2079944E+05
2.4301794E+05 2.4263820E+05 2.5741583E+05
1.249231E+03 2.1955769E+05 2.4265859E+05 2.4251209E+05 2.2075711E+05
2.4298984E+05 2.4260975E+05 2.5738811E+05
1.254231E+03 2.1940445E+05 2.4250862E+05 2.4235934E+05 2.2064644E+05
2.4283659E+05 2.4245638E+05 2.5722817E+05
1.259231E+03 2.1926125E+05 2.4236766E+05 2.4221594E+05 2.2053581E+05
2.4269150E+05 2.4231150E+05 2.5707717E+05
1.264231E+03 2.1919525E+05 2.4230091E+05 2.4215469E+05 2.2048395E+05
2.4262919E+05 2.4224936E+05 2.5701322E+05
1.269231E+03 2.1910739E+05 2.4221145E+05 2.4206995E+05 2.2042005E+05
2.4254277E+05 2.4216311E+05 2.5692381E+05
1.274231E+03 2.1892573E+05 2.4202806E+05 2.4188297E+05 2.2028377E+05
2.4235300E+05 2.4197427E+05 2.5672555E+05
1.279231E+03 2.1880398E+05 2.4190425E+05 2.4176266E+05 2.2019538E+05
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2.4084220E+05 2.4049489E+05 2.5515100E+05
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2.2410883E+05 2.2370017E+05 2.3766355E+05
1.454592E+03 1.9927705E+05 2.2130333E+05 2.2159648E+05 2.0014664E+05
2.2218638E+05 2.2178245E+05 2.3567102E+05

1.459592E+03	1.9838762E+05	2.2048769E+05	2.2075069E+05	1.9926000E+05
2.2135738E+05	2.2093562E+05	2.3481472E+05		
1.464592E+03	1.9667619E+05	2.1870231E+05	2.1898481E+05	1.9746784E+05
2.1960077E+05	2.1917505E+05	2.3299075E+05		
1.469638E+03	1.9562077E+05	2.1768870E+05	2.1796522E+05	1.9638716E+05
2.1859130E+05	2.1815614E+05	2.3195502E+05		
1.474638E+03	1.9422658E+05	2.1629008E+05	2.1656095E+05	1.9498430E+05
2.1718967E+05	2.1675059E+05	2.3050856E+05		
1.479638E+03	1.9251195E+05	2.1451073E+05	2.1480695E+05	1.9317536E+05
2.1543459E+05	2.1499952E+05	2.2870194E+05		
1.484681E+03	1.9192633E+05	2.1406666E+05	2.1432044E+05	1.9267125E+05
2.1496148E+05	2.1450888E+05	2.2822158E+05		
1.489718E+03	1.9006389E+05	2.1212288E+05	2.1240691E+05	1.9071359E+05
2.1304694E+05	2.1260088E+05	2.2624394E+05		
1.494719E+03	1.8937809E+05	2.1157336E+05	2.1182523E+05	1.9008369E+05
2.1247400E+05	2.1201252E+05	2.2566545E+05		
1.499726E+03	1.8792278E+05	2.1011102E+05	2.1037689E+05	1.8862762E+05
2.1102795E+05	2.1056386E+05	2.2417197E+05		
1.504759E+03	1.8659642E+05	2.0881708E+05	2.0909148E+05	1.8729638E+05
2.0974455E+05	2.0928036E+05	2.2285606E+05		
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2.0884041E+05	2.0836773E+05	2.2193192E+05		
1.514772E+03	1.8404683E+05	2.0632655E+05	2.0661023E+05	1.8476652E+05
2.0725498E+05	2.0679775E+05	2.2030969E+05		
1.519808E+03	1.8363748E+05	2.0610638E+05	2.0633641E+05	1.8451070E+05
2.0698675E+05	2.0651498E+05	2.2005142E+05		
1.524844E+03	1.8218495E+05	2.0450202E+05	2.0481745E+05	1.8309798E+05
2.0544442E+05	2.0499928E+05	2.1848739E+05		
1.529844E+03	1.8160814E+05	2.0405544E+05	2.0435397E+05	1.8287202E+05
2.0499323E+05	2.0453327E+05	2.1803661E+05		
1.534859E+03	1.8000347E+05	2.0236095E+05	2.0271375E+05	1.8115350E+05
2.0336692E+05	2.0290777E+05	2.1635592E+05		
1.539868E+03	1.7911212E+05	2.0157264E+05	2.0189189E+05	1.8035134E+05
2.0256227E+05	2.0208733E+05	2.1553419E+05		
1.544881E+03	1.7841192E+05	2.0089517E+05	2.0119683E+05	1.7964867E+05
2.0180892E+05	2.0139203E+05	2.1484369E+05		
1.549901E+03	1.7667403E+05	1.9918189E+05	1.9944989E+05	1.7781531E+05
1.9995822E+05	1.9964803E+05	2.1303927E+05		
1.554901E+03	1.7650534E+05	1.9924100E+05	1.9946658E+05	1.7763570E+05
1.9998439E+05	1.9964908E+05	2.1308745E+05		
1.559921E+03	1.7653452E+05	1.9944456E+05	1.9965997E+05	1.7769861E+05
2.0018303E+05	1.9982862E+05	2.1331969E+05		
1.564944E+03	1.7633536E+05	1.9931508E+05	1.9954048E+05	1.7777495E+05
2.0005909E+05	1.9969728E+05	2.1321588E+05		
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2.0018258E+05	1.9980477E+05	2.1336433E+05		
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2.0019011E+05	1.9979825E+05	2.1339017E+05		
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2.0036508E+05	1.9995906E+05	2.1359388E+05		
1.584956E+03	1.7646888E+05	1.9960433E+05	1.9988569E+05	1.7843317E+05
2.0047238E+05	2.0005295E+05	2.1372680E+05		
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2.0066052E+05	2.0022606E+05	2.1394548E+05		
1.594956E+03	1.7667761E+05	1.9985772E+05	2.0010855E+05	1.7859003E+05
2.0073173E+05	2.0028333E+05	2.1404152E+05		

1.599956E+03 1.7669362E+05 1.9989897E+05 2.0013169E+05 1.7864209E+05
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2.0073502E+05 2.0025077E+05 2.1410930E+05
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2.0081403E+05 2.0032141E+05 2.1421550E+05
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1.624956E+03 1.7677011E+05 1.9999914E+05 2.0014727E+05 1.7866944E+05
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1.765300E+03 1.8114989E+05 2.0357419E+05 2.0384088E+05 1.8258589E+05
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1.770300E+03 1.8145881E+05 2.0383131E+05 2.0408511E+05 1.8290791E+05
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1.805392E+03 1.8300083E+05 2.0516070E+05 2.0526945E+05 1.8461025E+05
2.0607630E+05 2.0546016E+05 2.2046728E+05
1.810392E+03 1.8300639E+05 2.0515925E+05 2.0525316E+05 1.8475162E+05
2.0605255E+05 2.0543473E+05 2.2046161E+05
1.815392E+03 1.8311873E+05 2.0525725E+05 2.0535625E+05 1.8499970E+05
2.0614750E+05 2.0553016E+05 2.2058181E+05
1.820392E+03 1.8305231E+05 2.0517630E+05 2.0526177E+05 1.8510305E+05
2.0604370E+05 2.0542883E+05 2.2048972E+05
1.825392E+03 1.8306823E+05 2.0517569E+05 2.0525842E+05 1.8526536E+05
2.0603131E+05 2.0542070E+05 2.2049445E+05
1.830440E+03 1.8308312E+05 2.0516723E+05 2.0525391E+05 1.8544650E+05
2.0601798E+05 2.0541219E+05 2.2049742E+05
1.835440E+03 1.8302025E+05 2.0507912E+05 2.0516100E+05 1.8555705E+05
2.0591716E+05 2.0531644E+05 2.2040612E+05
1.840440E+03 1.8306019E+05 2.0509592E+05 2.0518238E+05 1.8573417E+05
2.0593230E+05 2.0533647E+05 2.2043700E+05
1.845440E+03 1.8308547E+05 2.0508870E+05 2.0518544E+05 1.8592295E+05
2.0592920E+05 2.0533841E+05 2.2044791E+05
1.850440E+03 1.8298302E+05 2.0495202E+05 2.0504405E+05 1.8600225E+05
2.0578259E+05 2.0519688E+05 2.2030520E+05
1.855440E+03 1.8305625E+05 2.0499291E+05 2.0509553E+05 1.8620059E+05
2.0583125E+05 2.0524955E+05 2.2036983E+05
1.860440E+03 1.8310472E+05 2.0500331E+05 2.0512086E+05 1.8640705E+05
2.0585488E+05 2.0527638E+05 2.2040691E+05
1.865440E+03 1.8304138E+05 2.0490327E+05 2.0502298E+05 1.8652330E+05
2.0575650E+05 2.0518077E+05 2.2031366E+05
1.870459E+03 1.8309375E+05 2.0492617E+05 2.0505503E+05 1.8667423E+05
2.0578975E+05 2.0521527E+05 2.2036005E+05
1.875459E+03 1.8313484E+05 2.0493266E+05 2.0507497E+05 1.8672584E+05
2.0581206E+05 2.0523842E+05 2.2039486E+05

1.880459E+03	1.8312562E+05	2.0488503E+05	2.0503283E+05	1.8662431E+05
2.0577325E+05	2.0519970E+05	2.2036441E+05		
1.885502E+03	1.8325152E+05	2.0497384E+05	2.0513558E+05	1.8656481E+05
2.0588139E+05	2.0530642E+05	2.2049042E+05		
1.890502E+03	1.8328311E+05	2.0496366E+05	2.0513431E+05	1.8646192E+05
2.0588512E+05	2.0530864E+05	2.2050566E+05		
1.895548E+03	1.8327948E+05	2.0492192E+05	2.0509675E+05	1.8636878E+05
2.0585456E+05	2.0527544E+05	2.2048434E+05		
1.900587E+03	1.8345555E+05	2.0508534E+05	2.0527886E+05	1.8642989E+05
2.0604545E+05	2.0546206E+05	2.2069886E+05		
1.905594E+03	1.8344614E+05	2.0506525E+05	2.0525977E+05	1.8637312E+05
2.0603473E+05	2.0544706E+05	2.2069884E+05		
1.910599E+03	1.8343111E+05	2.0503467E+05	2.0522773E+05	1.8632845E+05
2.0601080E+05	2.0541847E+05	2.2068578E+05		
1.915604E+03	1.8353831E+05	2.0512592E+05	2.0532453E+05	1.8636170E+05
2.0611670E+05	2.0551836E+05	2.2081077E+05		
1.920619E+03	1.8354011E+05	2.0510256E+05	2.0529792E+05	1.8632294E+05
2.0609725E+05	2.0549331E+05	2.2080305E+05		
1.925623E+03	1.8356312E+05	2.0509575E+05	2.0528747E+05	1.8630495E+05
2.0609333E+05	2.0548406E+05	2.2081264E+05		
1.930635E+03	1.8365462E+05	2.0515711E+05	2.0535262E+05	1.8634189E+05
2.0616473E+05	2.0554991E+05	2.2090252E+05		
1.935664E+03	1.8362417E+05	2.0509834E+05	2.0528316E+05	1.8628355E+05
2.0610062E+05	2.0548047E+05	2.2084814E+05		
1.940709E+03	1.8369048E+05	2.0513556E+05	2.0532122E+05	1.8631536E+05
2.0614359E+05	2.0551872E+05	2.2090870E+05		
1.945709E+03	1.8376456E+05	2.0518102E+05	2.0536891E+05	1.8634922E+05
2.0619512E+05	2.0556584E+05	2.2097852E+05		
1.950755E+03	1.8369623E+05	2.0508336E+05	2.0525828E+05	1.8628098E+05
2.0608694E+05	2.0545464E+05	2.2087855E+05		
1.955762E+03	1.8383581E+05	2.0519630E+05	2.0537866E+05	1.8637461E+05
2.0621042E+05	2.0557508E+05	2.2102609E+05		
1.960784E+03	1.8383820E+05	2.0517048E+05	2.0534794E+05	1.8635753E+05
2.0618127E+05	2.0554317E+05	2.2101083E+05		
1.965832E+03	1.8382119E+05	2.0512562E+05	2.0529681E+05	1.8634184E+05
2.0613116E+05	2.0549120E+05	2.2097375E+05		
1.970878E+03	1.8392627E+05	2.0520762E+05	2.0538220E+05	1.8640612E+05
2.0621845E+05	2.0557608E+05	2.2108245E+05		
1.975889E+03	1.8389286E+05	2.0514761E+05	2.0531425E+05	1.8636853E+05
2.0615061E+05	2.0550669E+05	2.2102622E+05		
1.980934E+03	1.8393859E+05	2.0516977E+05	2.0533616E+05	1.8640656E+05
2.0617417E+05	2.0552878E+05	2.2106689E+05		
1.985934E+03	1.8411258E+05	2.0535730E+05	2.0554030E+05	1.8657561E+05
2.0638080E+05	2.0573369E+05	2.2130275E+05		
1.990934E+03	1.8452184E+05	2.0575750E+05	2.0598345E+05	1.8700275E+05
2.0683241E+05	2.0618206E+05	2.2179956E+05		
1.995934E+03	1.8490322E+05	2.0606098E+05	2.0631228E+05	1.8739705E+05
2.0717441E+05	2.0651944E+05	2.2217977E+05		
2.000034E+03	1.8536058E+05	2.0645227E+05	2.0672602E+05	1.8780662E+05
2.0760206E+05	2.0694109E+05	2.2264859E+05		

TIME (sec)	P993108	PA992406	PA992506	PA992606
PA992706	PA992806	PA992906		
1.000000E-10	1.0272600E+05	1.0118600E+05	1.0092000E+05	1.0099800E+05
1.0031400E+05	9.7879000E+04	9.7568195E+04		
1.003469E-01	1.0272850E+05	1.0171667E+05	1.0180138E+05	1.0199087E+05
1.0125380E+05	9.8873250E+04	9.8528352E+04		

2.016405E-01	1.0273059E+05	1.0373546E+05	1.0391288E+05	1.0408720E+05
1.0319307E+05	1.0103627E+05	1.0064422E+05		
3.143499E-01	1.0273448E+05	1.1032712E+05	1.0990113E+05	1.0970384E+05
1.0830628E+05	1.0637419E+05	1.0571988E+05		
4.176774E-01	1.0274312E+05	1.1725139E+05	1.1559943E+05	1.1466938E+05
1.1290208E+05	1.1092137E+05	1.1000529E+05		
5.179474E-01	1.0275893E+05	1.2118794E+05	1.1985524E+05	1.1906905E+05
1.1727816E+05	1.1520289E+05	1.1416463E+05		
6.236274E-01	1.0278811E+05	1.2648138E+05	1.2470884E+05	1.2394514E+05
1.2200531E+05	1.1966094E+05	1.1838316E+05		
7.657229E-01	1.0285752E+05	1.3472608E+05	1.3166112E+05	1.3046702E+05
1.2808620E+05	1.2508800E+05	1.2328393E+05		
8.878756E-01	1.0294922E+05	1.4055208E+05	1.3695238E+05	1.3559356E+05
1.3291364E+05	1.2929291E+05	1.2700340E+05		
9.933645E-01	1.0305573E+05	1.4546489E+05	1.4119825E+05	1.3960141E+05
1.3673494E+05	1.3246411E+05	1.2972244E+05		
1.524044E+00	1.0412359E+05	1.6617691E+05	1.5489395E+05	1.4896458E+05
1.5176711E+05	1.4312481E+05	1.3770231E+05		
2.030162E+00	1.0642628E+05	1.7964881E+05	1.5321288E+05	1.4257844E+05
1.5957666E+05	1.4533834E+05	1.3787047E+05		
2.550346E+00	1.1061427E+05	1.8673844E+05	1.5094075E+05	1.2532214E+05
1.6197597E+05	1.4232750E+05	1.3265605E+05		
3.062366E+00	1.1553380E+05	1.8854517E+05	1.5618808E+05	1.0436923E+05
1.6015955E+05	1.3658086E+05	1.2497580E+05		
3.562366E+00	1.2014557E+05	1.9211603E+05	1.4673238E+05	1.0499973E+05
1.5228903E+05	1.2500585E+05	1.1347007E+05		
4.082775E+00	1.2445164E+05	1.9245280E+05	1.3921812E+05	1.2587541E+05
1.1950774E+05	9.5459859E+04	8.8345359E+04		
4.604100E+00	1.2880128E+05	1.8105027E+05	1.1582086E+05	9.8485742E+04
8.0237375E+04	6.5009746E+04	6.0380977E+04		
5.125216E+00	1.3385220E+05	1.5422277E+05	8.0348133E+04	6.8860180E+04
5.7495582E+04	5.1757250E+04	4.9855234E+04		
5.625216E+00	1.3968917E+05	1.1685374E+05	6.8914672E+04	5.6924219E+04
5.4181566E+04	5.3558340E+04	5.3277500E+04		
6.125216E+00	1.4622892E+05	9.2345844E+04	7.6845445E+04	5.8422496E+04
5.9158559E+04	5.9200473E+04	5.8894992E+04		
6.625216E+00	1.5283345E+05	8.7004539E+04	8.5122000E+04	6.2257793E+04
6.2490363E+04	6.0967152E+04	5.9585965E+04		
7.125216E+00	1.5896178E+05	8.9361070E+04	8.9829234E+04	6.2681480E+04
6.1299180E+04	5.7660555E+04	5.5343484E+04		
7.625216E+00	1.6431330E+05	9.1533742E+04	9.0185711E+04	5.9659309E+04
5.7499145E+04	5.2882926E+04	5.0155590E+04		
8.125216E+00	1.6902808E+05	9.1189055E+04	8.6172500E+04	5.5064547E+04
5.2487375E+04	4.7162434E+04	4.3995547E+04		
8.625216E+00	1.7347364E+05	8.7675789E+04	8.0469336E+04	4.9644949E+04
4.6940875E+04	4.2142980E+04	3.9281359E+04		
9.146049E+00	1.7796764E+05	8.2092812E+04	7.4684305E+04	4.4873371E+04
4.3028051E+04	3.9414738E+04	3.6939559E+04		
9.646049E+00	1.8217477E+05	7.5676070E+04	6.9493078E+04	4.2422484E+04
4.1466363E+04	3.8404934E+04	3.6119605E+04		
1.014605E+01	1.8625683E+05	7.0178703E+04	6.5465184E+04	4.1364898E+04
4.0914727E+04	3.8275551E+04	3.6356902E+04		
1.064605E+01	1.9014631E+05	6.5684164E+04	6.2190969E+04	4.1126387E+04
4.1005941E+04	3.8702945E+04	3.7050105E+04		
1.114605E+01	1.9381177E+05	6.2089059E+04	5.9449590E+04	4.1296824E+04
4.1305938E+04	3.9116816E+04	3.7520848E+04		

1.164605E+01	1.9724711E+05	5.9193414E+04	5.6997738E+04	4.1389809E+04
4.1349395E+04	3.9221965E+04	3.7639102E+04		
1.214605E+01	2.0043489E+05	5.6747320E+04	5.4709336E+04	4.1127645E+04
4.0944617E+04	3.9001219E+04	3.7458141E+04		
1.264605E+01	2.0338831E+05	5.4604059E+04	5.2593355E+04	4.0516531E+04
4.0189785E+04	3.8515992E+04	3.7067914E+04		
1.314605E+01	2.0611877E+05	5.2698352E+04	5.0659801E+04	3.9677672E+04
3.9230324E+04	3.7878793E+04	3.6623484E+04		
1.364605E+01	2.0864334E+05	5.0970805E+04	4.8891723E+04	3.8722562E+04
3.8211980E+04	3.7248375E+04	3.6192664E+04		
1.414605E+01	2.1097794E+05	4.9410539E+04	4.7327793E+04	3.7813316E+04
3.7313973E+04	3.6768492E+04	3.5932621E+04		
1.464605E+01	2.1313395E+05	4.8074051E+04	4.6051109E+04	3.7164504E+04
3.6795574E+04	3.6497078E+04	3.5834570E+04		
1.514605E+01	2.1511594E+05	4.7052672E+04	4.5094332E+04	3.6896297E+04
3.6619098E+04	3.6375633E+04	3.5813973E+04		
1.564605E+01	2.1692261E+05	4.6362332E+04	4.4526707E+04	3.6835246E+04
3.6549035E+04	3.6241391E+04	3.5677258E+04		
1.614605E+01	2.1855503E+05	4.5862035E+04	4.4029250E+04	3.6749430E+04
3.6359012E+04	3.5897844E+04	3.5279578E+04		
1.664605E+01	2.2003916E+05	4.5431609E+04	4.3585535E+04	3.6460965E+04
3.5913328E+04	3.5281293E+04	3.4622512E+04		
1.714605E+01	2.2141622E+05	4.5001367E+04	4.3086926E+04	3.5909090E+04
3.5223238E+04	3.4471449E+04	3.3767348E+04		
1.764605E+01	2.2267397E+05	4.4492551E+04	4.2359055E+04	3.5159941E+04
3.4332043E+04	3.3410203E+04	3.2627398E+04		
1.814605E+01	2.2383214E+05	4.3897398E+04	4.1564160E+04	3.4194738E+04
3.3218918E+04	3.2164697E+04	3.1351021E+04		
1.864605E+01	2.2490280E+05	4.3230141E+04	4.0714840E+04	3.3062039E+04
3.1989416E+04	3.0880391E+04	3.0058215E+04		
1.914605E+01	2.2588688E+05	4.2502402E+04	3.9819781E+04	3.1852773E+04
3.0741830E+04	2.9629330E+04	2.8813457E+04		
1.964605E+01	2.2680927E+05	4.1720758E+04	3.8935434E+04	3.0634525E+04
2.9525781E+04	2.8439326E+04	2.7622895E+04		
2.014605E+01	2.2769097E+05	4.0884223E+04	3.7994824E+04	2.9436547E+04
2.8352117E+04	2.7298010E+04	2.6478322E+04		
2.064605E+01	2.2853294E+05	3.9963488E+04	3.6973977E+04	2.8265195E+04
2.7222395E+04	2.6210996E+04	2.5395297E+04		
2.114605E+01	2.2934181E+05	3.8976578E+04	3.5987688E+04	2.7140391E+04
2.6157217E+04	2.5212322E+04	2.4418957E+04		
2.164605E+01	2.3011308E+05	3.7980602E+04	3.5036914E+04	2.6092699E+04
2.5191562E+04	2.4342590E+04	2.3593057E+04		
2.214605E+01	2.3084688E+05	3.6987105E+04	3.4081777E+04	2.5154357E+04
2.4356809E+04	2.3626268E+04	2.2940049E+04		
2.266648E+01	2.3158452E+05	3.5971645E+04	3.3116402E+04	2.4327199E+04
2.3663271E+04	2.3097502E+04	2.2520979E+04		
2.318409E+01	2.3229759E+05	3.5006824E+04	3.2269980E+04	2.3714082E+04
2.3244012E+04	2.2933816E+04	2.2504273E+04		
2.368409E+01	2.3297220E+05	3.4148344E+04	3.1594455E+04	2.3387771E+04
2.3142816E+04	2.3055424E+04	2.2644758E+04		
2.418409E+01	2.3363453E+05	3.3388398E+04	3.1066264E+04	2.3289549E+04
2.3179326E+04	2.3095604E+04	2.2510396E+04		
2.468420E+01	2.3418895E+05	3.2737160E+04	3.0642150E+04	2.3212303E+04
2.3033723E+04	2.2698838E+04	2.1891748E+04		
2.518866E+01	2.3475867E+05	3.2170498E+04	3.0201768E+04	2.2937121E+04
2.2549631E+04	2.1931844E+04	2.0995938E+04		

2.570592E+01	2.3534983E+05	3.1647406E+04	2.9623490E+04	2.2380678E+04
2.1777834E+04	2.0956566E+04	1.9851012E+04		
2.622136E+01	2.3592592E+05	3.1053385E+04	2.8685486E+04	2.1575598E+04
2.0768086E+04	1.9740662E+04	1.8401182E+04		
2.673972E+01	2.3682386E+05	3.0308531E+04	2.7563002E+04	2.0507623E+04
1.9511764E+04	1.8294455E+04	1.6682750E+04		
2.724740E+01	2.3747778E+05	2.9431160E+04	2.6291236E+04	1.9245584E+04
1.8123992E+04	1.6859959E+04	1.4923758E+04		
2.776852E+01	2.3798483E+05	2.8408172E+04	2.5058707E+04	1.7836449E+04
1.6684973E+04	1.5378938E+04	1.2670522E+04		
2.828743E+01	2.3852627E+05	2.7438004E+04	2.3833250E+04	1.6456082E+04
1.5362549E+04	1.3580477E+04	9.8097598E+03		
2.878743E+01	2.3906516E+05	2.6373305E+04	2.2329879E+04	1.5174540E+04
1.4040487E+04	1.1209571E+04	6.9253394E+03		
2.928743E+01	2.3960739E+05	2.5261717E+04	2.1057688E+04	1.3912157E+04
1.2920521E+04	8.8710654E+03	4.8199741E+03		
2.978743E+01	2.4015267E+05	2.4148123E+04	1.9913211E+04	1.3181136E+04
1.2680771E+04	6.1760410E+03	3.6477666E+03		
3.028743E+01	2.4069967E+05	2.3085740E+04	1.8950861E+04	1.2427688E+04
1.1308244E+04	3.8507139E+03	2.9840847E+03		
3.078743E+01	2.4124670E+05	2.2045562E+04	1.7738516E+04	1.0584969E+04
8.2796270E+03	2.3816731E+03	2.5723135E+03		
3.128743E+01	2.4179008E+05	2.0878887E+04	1.5981132E+04	7.8813359E+03
5.1766489E+03	1.5551791E+03	2.1924675E+03		
3.178743E+01	2.4232812E+05	1.9505826E+04	1.3833992E+04	5.2480713E+03
2.9883118E+03	1.0881089E+03	1.8378773E+03		
3.228743E+01	2.4285770E+05	1.7967693E+04	1.1622721E+04	3.2598721E+03
1.7244832E+03	8.2545020E+02	1.5340765E+03		
3.278743E+01	2.4337788E+05	1.6352411E+04	9.6348086E+03	1.9866320E+03
1.0714729E+03	6.7767426E+02	1.2879706E+03		
3.328743E+01	2.4388603E+05	1.4760119E+04	8.0229536E+03	1.2552098E+03
7.5607208E+02	5.9702875E+02	1.0977548E+03		
3.378743E+01	2.4438097E+05	1.3278019E+04	6.8090898E+03	8.6720276E+02
6.1470624E+02	5.6036694E+02	9.5811328E+02		
3.428743E+01	2.4486538E+05	1.1957151E+04	5.9270410E+03	6.7847949E+02
5.6439764E+02	5.5695282E+02	8.6472980E+02		
3.478743E+01	2.4534408E+05	1.0812589E+04	5.2928525E+03	6.0278827E+02
5.6620868E+02	5.8073206E+02	8.1238983E+02		
3.528743E+01	2.4581856E+05	9.8397441E+03	4.8651377E+03	5.9293829E+02
6.0114319E+02	6.2659656E+02	7.8604675E+02		
3.578743E+01	2.4628858E+05	9.0244336E+03	4.5956909E+03	6.2299786E+02
6.5793829E+02	6.8910791E+02	7.7757452E+02		
3.628743E+01	2.4675475E+05	8.3451777E+03	4.4426890E+03	6.7765399E+02
7.2855981E+02	7.6293445E+02	7.9139868E+02		
3.678743E+01	2.4721488E+05	7.8080991E+03	4.3251685E+03	7.4695203E+02
8.0708405E+02	8.4362659E+02	8.2264130E+02		
3.728743E+01	2.4766569E+05	7.3512935E+03	4.2694531E+03	8.2472766E+02
8.9010181E+02	9.2852271E+02	8.6697595E+02		
3.778743E+01	2.4810289E+05	6.9456670E+03	4.2680967E+03	9.0767737E+02
9.7619659E+02	1.0163866E+03	9.2043073E+02		
3.830806E+01	2.4853886E+05	6.5736812E+03	4.2684268E+03	9.9809290E+02
1.0689940E+03	1.1112247E+03	9.8473523E+02		
3.880806E+01	2.4893794E+05	6.2523936E+03	4.2361372E+03	1.0887150E+03
1.1617413E+03	1.2057717E+03	1.0537507E+03		
3.930806E+01	2.4931727E+05	5.9550381E+03	4.1677324E+03	1.1830986E+03
1.2579302E+03	1.3028131E+03	1.1289712E+03		

3.983299E+01 2.4969858E+05 5.6589082E+03 4.0629641E+03 1.2855922E+03
1.3609249E+03 1.4047656E+03 1.2129299E+03
4.034888E+01 2.5006102E+05 5.3812188E+03 3.9531636E+03 1.3870093E+03
1.4603867E+03 1.5013878E+03 1.2994948E+03
4.086869E+01 2.5041656E+05 5.1184194E+03 3.8409387E+03 1.4864288E+03
1.5552631E+03 1.5925637E+03 1.3831685E+03
4.137451E+01 2.5075522E+05 4.8762075E+03 3.7486650E+03 1.5783154E+03
1.6410114E+03 1.6700287E+03 1.4533878E+03
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1.7188788E+03 1.7322542E+03 1.5215156E+03
4.239460E+01 2.5141256E+05 4.4649722E+03 3.6373916E+03 1.7405743E+03
1.7888915E+03 1.7875170E+03 1.5933325E+03
4.290141E+01 2.5172509E+05 4.2998760E+03 3.6060833E+03 1.8107651E+03
1.8541970E+03 1.8513733E+03 1.6764818E+03
4.340367E+01 2.5202327E+05 4.1630571E+03 3.5821760E+03 1.8789678E+03
1.9223550E+03 1.9354746E+03 1.7747058E+03
4.391029E+01 2.5231133E+05 4.0465298E+03 3.5609014E+03 1.9542634E+03
2.0010460E+03 2.0334816E+03 1.8910867E+03
4.442013E+01 2.5258686E+05 3.9510405E+03 3.5512134E+03 2.0365116E+03
2.0841926E+03 2.1346704E+03 2.0425479E+03
4.493227E+01 2.5285039E+05 3.8765562E+03 3.5381592E+03 2.1258540E+03
2.1783965E+03 2.2560144E+03 2.2143770E+03
4.543827E+01 2.5309909E+05 3.8180291E+03 3.5298796E+03 2.2292991E+03
2.2904951E+03 2.3830247E+03 2.3761086E+03
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2.4171243E+03 2.4883308E+03 2.5161328E+03
4.644418E+01 2.5357289E+05 3.7514619E+03 3.5499275E+03 2.4657104E+03
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2.5787095E+03 2.5952842E+03 2.6307285E+03
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8.634407E+01 2.6284656E+05 9.8463342E+02 8.1667700E+02 6.7269366E+02
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8.686680E+01 2.6292838E+05 9.6265729E+02 8.1858496E+02 6.8413025E+02
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8.738983E+01 2.6301097E+05 9.4585968E+02 8.2295850E+02 6.9829950E+02
7.0870532E+02 7.1477417E+02 7.0306891E+02
8.789572E+01 2.6308775E+05 9.3379169E+02 8.3028772E+02 7.1324719E+02
7.2375024E+02 7.2934967E+02 7.1390173E+02
8.841684E+01 2.6316031E+05 9.2509003E+02 8.3728723E+02 7.2923419E+02
7.3911108E+02 7.4401892E+02 7.2556598E+02
8.892328E+01 2.6322069E+05 9.1926367E+02 8.4426971E+02 7.4443878E+02
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8.995622E+01 2.6332128E+05 9.1290210E+02 8.5983954E+02 7.7196356E+02
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7.8721490E+02 7.8969940E+02 7.7152814E+02
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9.146755E+01 2.6347359E+05 9.0824622E+02 8.7180145E+02 7.9674005E+02
7.9775665E+02 7.9841315E+02 7.8836902E+02
9.196755E+01 2.6353281E+05 9.0605481E+02 8.7178387E+02 7.9978741E+02
7.9883453E+02 7.9848682E+02 7.9384528E+02
9.248622E+01 2.6359662E+05 9.0266870E+02 8.6966449E+02 7.9966345E+02
7.9661310E+02 7.9518182E+02 7.9690204E+02
9.299437E+01 2.6366275E+05 8.9837946E+02 8.6448425E+02 7.9676355E+02
7.9168396E+02 7.8933093E+02 7.9780841E+02
9.350123E+01 2.6372850E+05 8.9276599E+02 8.5767560E+02 7.9117609E+02
7.8429474E+02 7.8126538E+02 7.9643726E+02
9.401919E+01 2.6378991E+05 8.8590771E+02 8.4903424E+02 7.8325220E+02
7.7490027E+02 7.7142334E+02 7.9316107E+02
9.453943E+01 2.6383012E+05 8.7793994E+02 8.3912585E+02 7.7368121E+02
7.6424182E+02 7.6049091E+02 7.8852802E+02
9.504118E+01 2.6385516E+05 8.6931329E+02 8.2903619E+02 7.6318805E+02
7.5295258E+02 7.4894672E+02 7.8246527E+02
9.554896E+01 2.6392097E+05 8.5979022E+02 8.1807928E+02 7.5151062E+02
7.4061292E+02 7.3636279E+02 7.7469788E+02
9.604896E+01 2.6395262E+05 8.4969879E+02 8.0669666E+02 7.3911383E+02
7.2767621E+02 7.2325507E+02 7.6554584E+02

9.654896E+01	2.6398512E+05	8.3907007E+02	7.9477911E+02	7.2601898E+02
7.1417365E+02	7.0966394E+02	7.5517432E+02		
9.706335E+01	2.6402466E+05	8.2759338E+02	7.8176825E+02	7.1200861E+02
6.9990216E+02	6.9540533E+02	7.4331921E+02		
9.758144E+01	2.6407047E+05	8.1550305E+02	7.6809021E+02	6.9755591E+02
6.8534961E+02	6.8095605E+02	7.2977924E+02		
9.808710E+01	2.6411828E+05	8.0333215E+02	7.5437305E+02	6.8336285E+02
6.7120312E+02	6.6697632E+02	7.1574054E+02		
9.859486E+01	2.6416978E+05	7.9080713E+02	7.4035480E+02	6.6918329E+02
6.5719708E+02	6.5317780E+02	7.0082367E+02		
9.910259E+01	2.6421756E+05	7.7803973E+02	7.2626855E+02	6.5521100E+02
6.4350073E+02	6.3970947E+02	6.8521405E+02		
9.960883E+01	2.6426912E+05	7.6528339E+02	7.1179712E+02	6.4173560E+02
6.3041205E+02	6.2694525E+02	6.7029639E+02		
1.050470E+02	2.6463550E+05	6.3913251E+02	5.8590283E+02	5.3716382E+02
5.3036115E+02	5.2923169E+02	5.5498956E+02		
1.100490E+02	2.6491916E+05	5.5187372E+02	5.1023099E+02	4.7610574E+02
4.7118869E+02	4.7087030E+02	4.9115045E+02		
1.150536E+02	2.6470112E+05	4.9359579E+02	4.6562555E+02	4.4067163E+02
4.3714069E+02	4.3674951E+02	4.5162686E+02		
1.200844E+02	2.6428006E+05	4.4523816E+02	4.2028781E+02	4.0063257E+02
3.9711111E+02	3.9685391E+02	4.0961304E+02		
1.251066E+02	2.6449469E+05	4.0832181E+02	3.8799976E+02	3.7449173E+02
3.7192166E+02	3.7171198E+02	3.8095978E+02		
1.301141E+02	2.6469678E+05	3.8736542E+02	3.6804074E+02	3.5797968E+02
3.5204388E+02	3.5141306E+02	3.6486371E+02		
1.351283E+02	2.6488312E+05	3.4512625E+02	3.2216315E+02	3.0877847E+02
3.0160608E+02	3.0051929E+02	3.1544943E+02		
1.401329E+02	2.6507919E+05	2.9682101E+02	2.7677856E+02	2.6530045E+02
2.6736115E+02	2.6865994E+02	2.7737201E+02		
1.451352E+02	2.6531678E+05	2.8437677E+02	2.7986588E+02	2.7498663E+02
2.7489951E+02	2.7405759E+02	2.7308701E+02		
1.501399E+02	2.6556241E+05	2.9155850E+02	2.9272058E+02	2.9230695E+02
2.9192981E+02	2.9146756E+02	2.9065790E+02		
1.551709E+02	2.6576769E+05	2.8922101E+02	2.8521652E+02	2.8382748E+02
2.8466327E+02	2.8558557E+02	2.9073380E+02		
1.602165E+02	2.6594169E+05	2.7308762E+02	2.6448187E+02	2.6050262E+02
2.6182990E+02	2.6302280E+02	2.7187112E+02		
1.652350E+02	2.6611016E+05	2.5698566E+02	2.4829375E+02	2.4370424E+02
2.4461029E+02	2.4540990E+02	2.5454936E+02		
1.702598E+02	2.6629406E+05	2.4323232E+02	2.3495866E+02	2.3048656E+02
2.3112302E+02	2.3180035E+02	2.3696419E+02		
1.752735E+02	2.6647222E+05	2.2974437E+02	2.2122925E+02	2.1657622E+02
2.1731514E+02	2.1794173E+02	2.2294701E+02		
1.802951E+02	2.6664134E+05	2.1873140E+02	2.1022366E+02	2.0507494E+02
2.0561589E+02	2.0623575E+02	2.1134093E+02		
1.853119E+02	2.6677650E+05	2.0179610E+02	1.9181194E+02	1.8566014E+02
1.8618056E+02	1.8681477E+02	1.9306987E+02		
1.903279E+02	2.6690441E+05	1.8944331E+02	1.8412520E+02	1.7959955E+02
1.8035519E+02	1.8048933E+02	1.8530798E+02		
1.953564E+02	2.6705106E+05	1.9094299E+02	1.9142307E+02	1.9068372E+02
1.9092690E+02	1.9079668E+02	1.9240895E+02		
2.003570E+02	2.6720312E+05	1.9336644E+02	1.9341962E+02	1.9349579E+02
1.9357565E+02	1.9367699E+02	1.9526158E+02		
2.053755E+02	2.6732566E+05	1.8960745E+02	1.8691414E+02	1.8549800E+02
1.8571555E+02	1.8597607E+02	1.8936037E+02		

2.104183E+02	2.6740534E+05	1.8279935E+02	1.7864920E+02	1.7601361E+02
1.7632803E+02	1.7660097E+02	1.8052426E+02		
2.154335E+02	2.6746150E+05	1.7649629E+02	1.7266533E+02	1.6986241E+02
1.7014835E+02	1.7036089E+02	1.7486539E+02		
2.204606E+02	2.6751975E+05	1.7118709E+02	1.6784753E+02	1.6535016E+02
1.6562131E+02	1.6579979E+02	1.7186797E+02		
2.254792E+02	2.6758500E+05	1.6697322E+02	1.6415721E+02	1.6197411E+02
1.6223198E+02	1.6238934E+02	1.6508611E+02		
2.304864E+02	2.6765825E+05	1.6345477E+02	1.6076573E+02	1.5886853E+02
1.5909636E+02	1.5925511E+02	1.6144533E+02		
2.354968E+02	2.6770144E+05	1.5765903E+02	1.5394009E+02	1.5152042E+02
1.5172949E+02	1.5195967E+02	1.5477505E+02		
2.404991E+02	2.6771697E+05	1.5353313E+02	1.5200804E+02	1.5044379E+02
1.5093967E+02	1.5104567E+02	1.5317871E+02		
2.455048E+02	2.6773241E+05	1.5591209E+02	1.5693973E+02	1.5710622E+02
1.5732870E+02	1.5731990E+02	1.6062894E+02		
2.505233E+02	2.6776103E+05	1.5794931E+02	1.5865282E+02	1.5907033E+02
1.5924268E+02	1.5932642E+02	1.6343491E+02		
2.555298E+02	2.6780022E+05	1.5811461E+02	1.5834117E+02	1.5846605E+02
1.5871211E+02	1.5881705E+02	1.6016682E+02		
2.605788E+02	2.6782522E+05	1.5833891E+02	1.5867189E+02	1.5875290E+02
1.5905280E+02	1.5914345E+02	1.6044397E+02		
2.656043E+02	2.6782216E+05	1.5926303E+02	1.5972920E+02	1.5989246E+02
1.6014868E+02	1.6024271E+02	1.6207101E+02		
2.706539E+02	2.6781378E+05	1.6021985E+02	1.6069655E+02	1.6084805E+02
1.6112939E+02	1.6122733E+02	1.6463884E+02		
2.756957E+02	2.6781550E+05	1.6152997E+02	1.6241730E+02	1.6264436E+02
1.6288872E+02	1.6296049E+02	1.6754709E+02		
2.807159E+02	2.6783512E+05	1.6289104E+02	1.6394423E+02	1.6417905E+02
1.6445409E+02	1.6452827E+02	1.6606349E+02		
2.857581E+02	2.6785019E+05	1.6502863E+02	1.6650098E+02	1.6679272E+02
1.6703529E+02	1.6709174E+02	1.6789653E+02		
2.907736E+02	2.6784853E+05	1.6763481E+02	1.7011111E+02	1.7042667E+02
1.7081192E+02	1.7075389E+02	1.7183430E+02		
2.957799E+02	2.6782519E+05	1.7382224E+02	1.7860179E+02	1.7849452E+02
1.7867171E+02	1.7864058E+02	1.8044360E+02		
3.007857E+02	2.6780997E+05	1.7733090E+02	1.8026155E+02	1.8006398E+02
1.8023677E+02	1.8037154E+02	1.8628201E+02		
3.058138E+02	2.6777809E+05	1.8489426E+02	1.8784087E+02	1.8746536E+02
1.8768336E+02	1.8781578E+02	1.8937067E+02		
3.108138E+02	2.6781153E+05	1.8180737E+02	1.8090268E+02	1.8088376E+02
1.8142250E+02	1.8177487E+02	1.8459538E+02		
3.158304E+02	2.6783194E+05	1.8650970E+02	2.0263979E+02	2.0447388E+02
2.0518195E+02	2.0379846E+02	1.9411906E+02		
3.208480E+02	2.6784884E+05	2.4443443E+02	2.8335519E+02	2.8551743E+02
2.7925522E+02	2.7453137E+02	2.5346049E+02		
3.258746E+02	2.6785900E+05	2.9977518E+02	3.2379358E+02	3.2370520E+02
3.2239856E+02	3.2158221E+02	3.1467398E+02		
3.308900E+02	2.6786847E+05	3.1213495E+02	3.1058051E+02	3.0763419E+02
3.0915329E+02	3.1014099E+02	3.1636209E+02		
3.358961E+02	2.6785597E+05	3.0066718E+02	2.9440048E+02	2.9331046E+02
2.9497672E+02	2.9589694E+02	3.0183151E+02		
3.409074E+02	2.6781116E+05	2.9609509E+02	2.9485989E+02	2.9336063E+02
2.9434586E+02	2.9526447E+02	2.9936633E+02		
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2.8408203E+02	2.8517972E+02	2.9128400E+02		

3.509260E+02 2.6773625E+05 2.9322391E+02 2.8820163E+02 2.7078613E+02
2.7184106E+02 2.7244370E+02 2.7869785E+02
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4.261913E+02 2.6640806E+05 1.7134775E+02 1.6889970E+02 1.6869136E+02
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4.512502E+02 2.6591066E+05 1.9533195E+02 1.9015634E+02 1.8792009E+02
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5.316183E+02 2.6482506E+05 1.3457545E+02 1.2895804E+02 1.2675364E+02
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5.366320E+02 2.6475822E+05 1.3120084E+02 1.2300909E+02 1.1892346E+02
1.1866171E+02 1.1861876E+02 1.2061564E+02
5.416345E+02 2.6471000E+05 1.2499346E+02 1.2213372E+02 1.1247046E+02
1.1174728E+02 1.1162589E+02 1.1341557E+02
5.466345E+02 2.6467228E+05 1.1595842E+02 1.1186951E+02 1.0641139E+02
1.0616529E+02 1.0613219E+02 1.0705206E+02
5.516580E+02 2.6461838E+05 1.1402466E+02 1.1277218E+02 1.0306718E+02
1.0179467E+02 1.0170197E+02 1.0280323E+02
5.566583E+02 2.6454588E+05 1.0931986E+02 1.0020094E+02 9.9386230E+01
9.9412201E+01 9.9430428E+01 9.9546333E+01
5.616711E+02 2.6447306E+05 1.0659262E+02 1.0629146E+02 1.0174255E+02
9.9217964E+01 9.8800385E+01 9.8723618E+01
5.666711E+02 2.6442066E+05 1.0712267E+02 1.0646222E+02 1.0355115E+02
1.0296002E+02 1.0274121E+02 1.0418364E+02
5.717148E+02 2.6437738E+05 1.0672533E+02 1.0752943E+02 1.0781319E+02
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5.767209E+02 2.6432962E+05 1.0656938E+02 1.0404136E+02 1.0260601E+02
1.0220245E+02 1.0197598E+02 1.0245532E+02
5.817575E+02 2.6426128E+05 1.0285201E+02 9.6655998E+01 9.5744591E+01
9.5838539E+01 9.5876793E+01 9.6122421E+01
5.867994E+02 2.6418984E+05 1.0037345E+02 9.7269882E+01 9.5642921E+01
9.5363335E+01 9.5197060E+01 9.5949516E+01
5.918351E+02 2.6413659E+05 9.6666954E+01 9.1895279E+01 8.9677299E+01
8.9760490E+01 8.9798347E+01 9.3358887E+01
5.968547E+02 2.6409719E+05 9.3080452E+01 8.9690117E+01 8.8900360E+01
8.8667679E+01 8.8557777E+01 8.9299286E+01
6.018547E+02 2.6404925E+05 9.1710381E+01 9.0619125E+01 8.6690933E+01
8.5557648E+01 8.5464096E+01 8.6060799E+01
6.068926E+02 2.6398359E+05 9.0870872E+01 8.9970253E+01 8.6692215E+01
8.6783997E+01 8.7076698E+01 8.7277100E+01
6.119015E+02 2.6390212E+05 9.3309479E+01 9.9300484E+01 1.0053302E+02
1.0112321E+02 1.0149218E+02 1.0173793E+02
6.169453E+02 2.6383041E+05 1.0009269E+02 1.0738605E+02 1.1059951E+02
1.1086717E+02 1.1108788E+02 1.1426173E+02
6.219643E+02 2.6377638E+05 1.0263942E+02 1.0265116E+02 1.0917799E+02
1.1273727E+02 1.1352445E+02 1.1440578E+02
6.269753E+02 2.6371884E+05 1.0896099E+02 1.2107205E+02 1.2642902E+02
1.2620248E+02 1.2607470E+02 1.2601173E+02

6.319825E+02 2.6364184E+05 1.0975876E+02 1.1820995E+02 1.2086593E+02
1.2118425E+02 1.2129784E+02 1.2151830E+02
6.369911E+02 2.6353294E+05 1.1469621E+02 1.1884809E+02 1.1941383E+02
1.1941830E+02 1.1940891E+02 1.1981889E+02
6.420153E+02 2.6327453E+05 1.1638719E+02 1.1866575E+02 1.2216331E+02
1.2240335E+02 1.2253316E+02 1.2319009E+02
6.470455E+02 2.6326297E+05 1.1756197E+02 1.1894910E+02 1.2290768E+02
1.2411295E+02 1.2426003E+02 1.2454624E+02
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1.2811244E+02 1.2839484E+02 1.2866714E+02
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9.133143E+02	2.5923300E+05	5.7438733E+02	5.7132239E+02	6.0839844E+02
6.2134326E+02	6.2733453E+02	6.3160089E+02		
9.183594E+02	2.5928430E+05	6.4051215E+02	6.3488977E+02	6.7452203E+02
6.8580243E+02	6.8936469E+02	6.9347510E+02		
9.233762E+02	2.5934014E+05	6.3791913E+02	6.4163037E+02	6.7137439E+02
6.7727472E+02	6.7863672E+02	6.8246942E+02		
9.283935E+02	2.5923866E+05	6.4558496E+02	6.6046210E+02	6.6007648E+02
6.6074463E+02	6.6082739E+02	6.6865424E+02		
9.334008E+02	2.5928017E+05	6.5127521E+02	6.5152563E+02	6.3659875E+02
6.3733527E+02	6.3722827E+02	6.3926208E+02		
9.384365E+02	2.5944623E+05	6.5104089E+02	6.4395526E+02	6.3511194E+02
6.3505017E+02	6.3481726E+02	6.3742468E+02		
9.434605E+02	2.5955088E+05	6.4121912E+02	6.2894531E+02	6.1376776E+02
6.1145502E+02	6.1086993E+02	6.1057727E+02		
9.484623E+02	2.5957978E+05	6.2470905E+02	6.2595990E+02	6.1149103E+02
6.0943268E+02	6.0852631E+02	6.0869073E+02		
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5.8397321E+02	5.8327710E+02	5.8363586E+02		
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9.835706E+02	2.5934144E+05	5.5080823E+02	5.5078656E+02	5.3542871E+02
5.3270599E+02	5.3166010E+02	5.3186115E+02		
9.885706E+02	2.5933869E+05	5.3791589E+02	5.3725653E+02	5.2432922E+02
5.2219684E+02	5.2149890E+02	5.2141254E+02		
9.935714E+02	2.5928391E+05	5.2844849E+02	5.2981256E+02	5.1758276E+02
5.1541473E+02	5.1454004E+02	5.1457825E+02		
9.986208E+02	2.5926119E+05	5.1849445E+02	5.2018970E+02	5.0645639E+02
5.0414014E+02	5.0328531E+02	5.0323529E+02		
1.003653E+03	2.5921038E+05	5.0878210E+02	5.0998459E+02	4.9840045E+02
4.9635413E+02	4.9557660E+02	4.9596732E+02		
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4.9006448E+02	4.8944257E+02	4.9073416E+02		
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4.8415195E+02	4.8352713E+02	4.8365240E+02		
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1.023737E+03	2.5905986E+05	4.7753070E+02	4.7910144E+02	4.7251849E+02
4.7144287E+02	4.7108737E+02	4.7111533E+02		
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4.6674292E+02	4.6618152E+02	4.6665512E+02		
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4.5802072E+02	4.5735410E+02	4.5980048E+02		
1.038826E+03	2.5899459E+05	4.6012961E+02	4.6181763E+02	4.5151865E+02
4.4980389E+02	4.4921640E+02	4.4924323E+02		
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4.4961362E+02	4.4913397E+02	4.4926556E+02		
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4.4097995E+02	4.4034119E+02	4.4043115E+02		

1.053917E+03 2.5889045E+05 4.4370844E+02 4.4571863E+02 4.3610211E+02
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1.174073E+03 2.5842108E+05 3.1063275E+02 3.1100409E+02 3.0737622E+02
3.0672003E+02 3.0648126E+02 3.0661255E+02
1.179073E+03 2.5831848E+05 3.0806012E+02 3.0885132E+02 3.0431552E+02
3.0346747E+02 3.0311630E+02 3.0317926E+02
1.184122E+03 2.5829422E+05 3.0454361E+02 3.0537131E+02 3.0213901E+02
3.0152100E+02 3.0127832E+02 3.0134882E+02
1.189164E+03 2.5825986E+05 3.0225537E+02 3.0283252E+02 2.9916827E+02
2.9843292E+02 2.9810825E+02 2.9858130E+02

1.194184E+03	2.5816648E+05	2.9899316E+02	2.9975925E+02	2.9754404E+02
2.9713898E+02	2.9700354E+02	2.9919113E+02		
1.199231E+03	2.5802209E+05	2.9704837E+02	2.9765619E+02	2.9478543E+02
2.9422107E+02	2.9398508E+02	2.9419241E+02		
1.204231E+03	2.5810789E+05	2.9507285E+02	2.9577420E+02	2.9307672E+02
2.9251453E+02	2.9226407E+02	2.9234500E+02		
1.209231E+03	2.5797569E+05	2.9327594E+02	2.9428427E+02	2.8979730E+02
2.8898407E+02	2.8865546E+02	2.8872897E+02		
1.214231E+03	2.5802933E+05	2.9003851E+02	2.9055148E+02	2.8733640E+02
2.8673947E+02	2.8651901E+02	2.8715857E+02		
1.219231E+03	2.5783312E+05	2.8761588E+02	2.8827570E+02	2.8457047E+02
2.8385425E+02	2.8355710E+02	2.8521140E+02		
1.224231E+03	2.5788884E+05	2.8459167E+02	2.8517120E+02	2.8240131E+02
2.8192932E+02	2.8178381E+02	2.8189594E+02		
1.229231E+03	2.5773222E+05	2.8220520E+02	2.8295938E+02	2.7994748E+02
2.7937213E+02	2.7914792E+02	2.7922296E+02		
1.234231E+03	2.5758705E+05	2.7996384E+02	2.8053793E+02	2.7964877E+02
2.7945554E+02	2.7938501E+02	2.7952328E+02		
1.239231E+03	2.5753875E+05	2.7899136E+02	2.7960944E+02	2.7937115E+02
2.7925043E+02	2.7916986E+02	2.8167899E+02		
1.244231E+03	2.5741578E+05	2.7830664E+02	2.7881030E+02	2.7832330E+02
2.7824164E+02	2.7823346E+02	2.7852304E+02		
1.249231E+03	2.5738802E+05	2.7786853E+02	2.7855154E+02	2.7911600E+02
2.7920407E+02	2.7923300E+02	2.7941574E+02		
1.254231E+03	2.5722811E+05	2.7770731E+02	2.7856787E+02	2.7969254E+02
2.7998346E+02	2.8012302E+02	2.8036511E+02		
1.259231E+03	2.5707712E+05	2.7802597E+02	2.8047925E+02	2.8441092E+02
2.8543112E+02	2.8584872E+02	2.8809772E+02		
1.264231E+03	2.5701316E+05	2.8175369E+02	2.8238989E+02	2.8737625E+02
2.8834253E+02	2.8859058E+02	2.9378760E+02		
1.269231E+03	2.5692375E+05	2.8520511E+02	2.8499628E+02	2.8748303E+02
2.8806857E+02	2.8830719E+02	2.8866727E+02		
1.274231E+03	2.5672547E+05	2.8651291E+02	2.8743097E+02	2.9254355E+02
2.9386777E+02	2.9441440E+02	2.9490250E+02		
1.279231E+03	2.5659683E+05	2.9078720E+02	2.9077243E+02	2.9874301E+02
3.0069940E+02	3.0139673E+02	3.0262866E+02		
1.284231E+03	2.5643508E+05	2.9753201E+02	2.9678024E+02	3.0429980E+02
3.0611221E+02	3.0674463E+02	3.1772983E+02		
1.289231E+03	2.5631123E+05	3.0393829E+02	3.0340350E+02	3.0925974E+02
3.1069714E+02	3.1121143E+02	3.1176593E+02		
1.294280E+03	2.5621227E+05	3.0890131E+02	3.0846613E+02	3.1336377E+02
3.1455508E+02	3.1496024E+02	3.1546210E+02		
1.299280E+03	2.5612597E+05	3.1320520E+02	3.1293036E+02	3.1701138E+02
3.1792792E+02	3.1821466E+02	3.2079163E+02		
1.304280E+03	2.5596980E+05	3.1649554E+02	3.1641568E+02	3.1832819E+02
3.1874673E+02	3.1886584E+02	3.2737277E+02		
1.309280E+03	2.5589295E+05	3.1740588E+02	3.1736746E+02	3.2061179E+02
3.2144122E+02	3.2177798E+02	3.2214688E+02		
1.314280E+03	2.5574673E+05	3.1994174E+02	3.1964474E+02	3.2445312E+02
3.2563318E+02	3.2605740E+02	3.2670880E+02		
1.319280E+03	2.5559283E+05	3.2408441E+02	3.2379724E+02	3.2811938E+02
3.2914911E+02	3.2949841E+02	3.3139111E+02		
1.324280E+03	2.5555441E+05	3.2762625E+02	3.2748322E+02	3.3044382E+02
3.3112125E+02	3.3134451E+02	3.3173126E+02		
1.329280E+03	2.5542084E+05	3.2986148E+02	3.2991785E+02	3.3082819E+02
3.3096143E+02	3.3094580E+02	3.3136356E+02		

1.334329E+03 2.5536623E+05 3.2996378E+02 3.3027997E+02 3.3006866E+02
3.2994696E+02 3.2987161E+02 3.3007074E+02
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3.2976367E+02 3.2983304E+02 3.3023444E+02
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3.2967111E+02 3.2985126E+02 3.3043588E+02
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3.2947382E+02 3.3011929E+02 3.3140955E+02
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3.3026373E+02 3.3153436E+02 3.3328284E+02
1.364336E+03 2.5466464E+05 3.2725449E+02 3.3251172E+02 3.3597693E+02
3.3555698E+02 3.3797781E+02 3.4059763E+02
1.369336E+03 2.5446722E+05 3.3217502E+02 3.3607904E+02 3.4263544E+02
3.4191214E+02 3.4940976E+02 3.5261060E+02
1.374336E+03 2.5423112E+05 3.4530011E+02 3.5258051E+02 3.5620740E+02
3.5630762E+02 3.7062567E+02 3.7748611E+02
1.379370E+03 2.5278555E+05 3.7905185E+02 3.9232605E+02 3.9090851E+02
3.8123804E+02 4.1508124E+02 4.2487720E+02
1.384372E+03 2.5065142E+05 4.3155576E+02 4.5203528E+02 4.7862433E+02
6.7371851E+02 7.9254474E+02 8.2692224E+02
1.389418E+03 2.5010567E+05 5.8536554E+02 6.8461389E+02 9.8359729E+02
2.3310312E+03 2.5675771E+03 2.6010046E+03
1.394459E+03 2.4921033E+05 1.0298761E+03 1.2045463E+03 1.9726624E+03
3.7117236E+03 3.9621121E+03 3.9830266E+03
1.399505E+03 2.4875623E+05 1.5400614E+03 1.7556976E+03 2.5732104E+03
4.1220400E+03 4.3749751E+03 4.4249629E+03
1.404505E+03 2.4782308E+05 2.3255759E+03 2.5998982E+03 3.2589724E+03
4.6942759E+03 5.0238511E+03 5.0758706E+03
1.409509E+03 2.4658673E+05 3.1212732E+03 3.2805747E+03 3.7774919E+03
4.9895049E+03 5.3097676E+03 5.3691724E+03
1.414548E+03 2.4626395E+05 3.8845640E+03 4.1858057E+03 4.7872778E+03
6.2200195E+03 6.5779976E+03 6.6515542E+03
1.419548E+03 2.4477711E+05 5.0809888E+03 5.3676069E+03 5.6178276E+03
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1.429548E+03 2.4233005E+05 6.7381216E+03 6.9103330E+03 6.9176982E+03
6.7596084E+03 1.0246288E+04 9.0096797E+03
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7.4673389E+03 1.0893837E+04 9.6952178E+03
1.439548E+03 2.3984480E+05 8.5318750E+03 8.7720977E+03 8.6658066E+03
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1.474638E+03 2.3050848E+05 2.3615629E+04 2.4034576E+04 2.1498078E+04
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1.479638E+03 2.2869697E+05 2.6763205E+04 2.7061521E+04 2.4285223E+04
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2.9323025E+04 2.7275881E+04 2.5552398E+04
1.494719E+03 2.2566528E+05 3.6876004E+04 3.7275516E+04 3.3264316E+04
3.2388467E+04 3.0009211E+04 2.8029262E+04
1.499726E+03 2.2417181E+05 4.0262992E+04 4.0392934E+04 3.5766258E+04
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1.544881E+03 2.1484359E+05 7.0248523E+04 7.0798656E+04 6.4868492E+04
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1.549901E+03 2.1303916E+05 7.2831516E+04 7.2490961E+04 6.6020219E+04
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7.2008180E+04 7.0227602E+04 6.5714672E+04
1.559921E+03 2.1331967E+05 6.2496969E+04 7.8864508E+04 7.5844953E+04
7.4166852E+04 7.2090266E+04 6.9384383E+04
1.564944E+03 2.1321580E+05 6.1531230E+04 8.0728703E+04 7.7308305E+04
7.5543891E+04 6.9921438E+04 6.3161086E+04
1.569956E+03 2.1336434E+05 6.0900617E+04 7.9191383E+04 7.7380273E+04
7.3860625E+04 5.7504820E+04 3.6622781E+04
1.574956E+03 2.1339017E+05 5.9350656E+04 7.4990664E+04 7.2792578E+04
3.0689041E+04 3.0152334E+04 2.9630650E+04
1.579956E+03 2.1359380E+05 5.7388320E+04 7.1388828E+04 6.8029258E+04
3.0576549E+04 2.9986266E+04 2.9520816E+04
1.584956E+03 2.1372681E+05 5.5977340E+04 3.1728119E+04 3.0296154E+04
3.0008848E+04 2.9881084E+04 3.0030650E+04
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2.9203570E+04 2.9170305E+04 2.9162252E+04
1.609956E+03 2.1410922E+05 5.0051777E+04 2.9989639E+04 2.9348281E+04
2.9203756E+04 2.9155770E+04 2.9123416E+04

1.614956E+03	2.1421548E+05	4.9037895E+04	2.9772041E+04	2.9311936E+04
2.9212896E+04	2.9175977E+04	2.9165773E+04		
1.619956E+03	2.1419081E+05	4.8020578E+04	2.9927447E+04	2.9343980E+04
2.9218795E+04	2.9177227E+04	2.9154785E+04		
1.624956E+03	2.1425286E+05	4.7019652E+04	2.9806326E+04	2.9344455E+04
2.9240244E+04	2.9202174E+04	2.9176955E+04		
1.629956E+03	2.1429083E+05	4.6013848E+04	2.9786539E+04	2.9317264E+04
2.9219695E+04	2.9186262E+04	2.9170889E+04		
1.634956E+03	2.1428798E+05	4.5020359E+04	2.9827834E+04	2.9362730E+04
2.9257396E+04	2.9220361E+04	2.9204061E+04		
1.639972E+03	2.1438644E+05	4.4018957E+04	2.9713422E+04	2.9327412E+04
2.9245078E+04	2.9215303E+04	2.9203871E+04		
1.644972E+03	2.1434520E+05	4.3059273E+04	2.9778498E+04	2.9353355E+04
2.9258383E+04	2.9225568E+04	2.9207262E+04		
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2.9286713E+04	2.9258486E+04	2.9246238E+04		
1.654998E+03	2.1444167E+05	4.1196266E+04	2.9729715E+04	2.9362574E+04
2.9281748E+04	2.9253295E+04	2.9251518E+04		
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2.9296459E+04	2.9270115E+04	2.9259297E+04		
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2.9279785E+04	2.9257115E+04	2.9251922E+04		
1.670048E+03	2.1456794E+05	3.8527688E+04	2.9665914E+04	2.9392113E+04
2.9328885E+04	2.9305389E+04	2.9306291E+04		
1.675065E+03	2.1461566E+05	3.7720227E+04	2.9596557E+04	2.9379004E+04
2.9332010E+04	2.9313912E+04	2.9317123E+04		
1.680108E+03	2.1464706E+05	3.6987012E+04	2.9640561E+04	2.9396848E+04
2.9340848E+04	2.9319770E+04	2.9316619E+04		
1.685146E+03	2.1472862E+05	3.6359246E+04	2.9572279E+04	2.9394223E+04
2.9354664E+04	2.9338846E+04	2.9343875E+04		
1.690150E+03	2.1468166E+05	3.5705734E+04	2.9556189E+04	2.9365016E+04
2.9322867E+04	2.9306963E+04	2.9319621E+04		
1.695192E+03	2.1482308E+05	3.5109262E+04	2.9569158E+04	2.9403688E+04
2.9367002E+04	2.9352682E+04	2.9356223E+04		
1.700202E+03	2.1486227E+05	3.4494770E+04	2.9656455E+04	2.9467777E+04
2.9426539E+04	2.9410137E+04	2.9414633E+04		
1.705202E+03	2.1498422E+05	3.3932168E+04	2.9657689E+04	2.9498977E+04
2.9461932E+04	2.9445994E+04	2.9471758E+04		
1.710202E+03	2.1509578E+05	3.3363523E+04	2.9461141E+04	2.9347668E+04
2.9322191E+04	2.9309883E+04	2.9325688E+04		
1.715202E+03	2.1512122E+05	3.2841879E+04	2.9373541E+04	2.9256740E+04
2.9230838E+04	2.9220486E+04	2.9228750E+04		
1.720212E+03	2.1508806E+05	3.2347223E+04	2.9346240E+04	2.9259350E+04
2.9240172E+04	2.9232086E+04	2.9242203E+04		
1.725225E+03	2.1510728E+05	3.1854992E+04	2.9348539E+04	2.9256559E+04
2.9235930E+04	2.9227477E+04	2.9261961E+04		
1.730267E+03	2.1524325E+05	3.1412674E+04	2.9360885E+04	2.9290178E+04
2.9273400E+04	2.9265727E+04	2.9288516E+04		
1.735300E+03	2.1557045E+05	3.1124082E+04	2.9513855E+04	2.9420596E+04
2.9399713E+04	2.9388852E+04	2.9403104E+04		
1.740300E+03	2.1623784E+05	3.0611930E+04	2.9316781E+04	2.9214146E+04
2.9191850E+04	2.9177768E+04	2.9196713E+04		
1.745300E+03	2.1683661E+05	3.0144150E+04	2.8994881E+04	2.8905053E+04
2.8886264E+04	2.8874033E+04	2.8900096E+04		
1.750300E+03	2.1747128E+05	2.9734979E+04	2.8695010E+04	2.8609660E+04
2.8591201E+04	2.8579152E+04	2.8620742E+04		

1.755300E+03 2.1785595E+05 2.9391135E+04 2.8414701E+04 2.8340010E+04
2.8323793E+04 2.8312518E+04 2.8333057E+04
1.760300E+03 2.1830572E+05 2.9026352E+04 2.8102826E+04 2.8037438E+04
2.8023049E+04 2.8013025E+04 2.8029471E+04
1.765300E+03 2.1871675E+05 2.8672746E+04 2.7790605E+04 2.7734266E+04
2.7720293E+04 2.7710549E+04 2.7725549E+04
1.770300E+03 2.1901195E+05 2.8423797E+04 2.7587756E+04 2.7532340E+04
2.7520139E+04 2.7511572E+04 2.7550863E+04
1.775300E+03 2.1951938E+05 2.8238641E+04 2.7401389E+04 2.7334199E+04
2.7319441E+04 2.7309309E+04 2.7330832E+04
1.780300E+03 2.1987820E+05 2.7947166E+04 2.7033102E+04 2.6962137E+04
2.6944398E+04 2.6932348E+04 2.6947811E+04
1.785300E+03 2.2012428E+05 2.7567104E+04 2.6640457E+04 2.6589629E+04
2.6574105E+04 2.6564082E+04 2.6575334E+04
1.790312E+03 2.2033456E+05 2.7195928E+04 2.6312082E+04 2.6282455E+04
2.6275143E+04 2.6271104E+04 2.6300508E+04
1.795348E+03 2.2039380E+05 2.6961639E+04 2.6256660E+04 2.6223287E+04
2.6213822E+04 2.6208811E+04 2.6232432E+04
1.800348E+03 2.2056422E+05 2.6799406E+04 2.6213139E+04 2.6174994E+04
2.6164012E+04 2.6156426E+04 2.6167021E+04
1.805392E+03 2.2046725E+05 2.6555199E+04 2.6014920E+04 2.5981662E+04
2.5972320E+04 2.5966049E+04 2.5977400E+04
1.810392E+03 2.2046162E+05 2.6411053E+04 2.5976340E+04 2.5947676E+04
2.5939801E+04 2.5934764E+04 2.5952928E+04
1.815392E+03 2.2058183E+05 2.6226475E+04 2.5901719E+04 2.5874725E+04
2.5867021E+04 2.5861465E+04 2.5898982E+04
1.820392E+03 2.2048969E+05 2.6011447E+04 2.5770412E+04 2.5746646E+04
2.5739812E+04 2.5734762E+04 2.5746975E+04
1.825392E+03 2.2049441E+05 2.5847328E+04 2.5722086E+04 2.5702553E+04
2.5697016E+04 2.5693203E+04 2.5705949E+04
1.830440E+03 2.2049741E+05 2.5649008E+04 2.5663758E+04 2.5648484E+04
2.5643709E+04 2.5640184E+04 2.5664197E+04
1.835440E+03 2.2040608E+05 2.5473402E+04 2.5630105E+04 2.5617639E+04
2.5613416E+04 2.5610143E+04 2.5665609E+04
1.840440E+03 2.2043689E+05 2.5281930E+04 2.5579557E+04 2.5572150E+04
2.5568850E+04 2.5565951E+04 2.5578449E+04
1.845440E+03 2.2044784E+05 2.5096061E+04 2.5539953E+04 2.5536053E+04
2.5533547E+04 2.5530895E+04 2.5543648E+04
1.850440E+03 2.2030519E+05 2.4931289E+04 2.5519400E+04 2.5518605E+04
2.5516482E+04 2.5513918E+04 2.5533621E+04
1.855440E+03 2.2036973E+05 2.4765160E+04 2.5489459E+04 2.5492312E+04
2.5490957E+04 2.5488707E+04 2.5551426E+04
1.860440E+03 2.2040689E+05 2.4608568E+04 2.5466879E+04 2.5472139E+04
2.5471273E+04 2.5469135E+04 2.5482926E+04
1.865440E+03 2.2031367E+05 2.4470699E+04 2.5454664E+04 2.5464641E+04
2.5464887E+04 2.5462945E+04 2.5477283E+04
1.870459E+03 2.2035994E+05 2.4326666E+04 2.5431133E+04 2.5440701E+04
2.5440797E+04 2.5438947E+04 2.5458354E+04
1.875459E+03 2.2039481E+05 2.4189199E+04 2.5401748E+04 2.5418412E+04
2.5419994E+04 2.5418604E+04 2.5484328E+04
1.880459E+03 2.2036442E+05 2.4063195E+04 2.5389625E+04 2.5406467E+04
2.5408227E+04 2.5406951E+04 2.5422195E+04
1.885502E+03 2.2049031E+05 2.3940633E+04 2.5371697E+04 2.5392105E+04
2.5394354E+04 2.5393229E+04 2.5408148E+04
1.890502E+03 2.2050558E+05 2.3829344E+04 2.5358137E+04 2.5382502E+04
2.5385980E+04 2.5385217E+04 2.5406439E+04

1.895548E+03	2.2048430E+05	2.3728350E+04	2.5358580E+04	2.5381199E+04
2.5383924E+04	2.5382934E+04	2.5447689E+04		
1.900587E+03	2.2069875E+05	2.3633998E+04	2.5343748E+04	2.5371262E+04
2.5375221E+04	2.5374355E+04	2.5391662E+04		
1.905594E+03	2.2069895E+05	2.3525375E+04	2.5299746E+04	2.5323076E+04
2.5326373E+04	2.5325141E+04	2.5340980E+04		
1.910599E+03	2.2068573E+05	2.3434400E+04	2.5265445E+04	2.5293262E+04
2.5297271E+04	2.5296479E+04	2.5314486E+04		
1.915604E+03	2.2081091E+05	2.3331697E+04	2.5223070E+04	2.5253236E+04
2.5258102E+04	2.5257930E+04	2.5330986E+04		
1.920619E+03	2.2080298E+05	2.3238176E+04	2.5198125E+04	2.5231730E+04
2.5236816E+04	2.5236529E+04	2.5255689E+04		
1.925623E+03	2.2081258E+05	2.3143213E+04	2.5163340E+04	2.5199395E+04
2.5205395E+04	2.5205508E+04	2.5221291E+04		
1.930635E+03	2.2090247E+05	2.3057246E+04	2.5143451E+04	2.5179527E+04
2.5185027E+04	2.5184924E+04	2.5202041E+04		
1.935664E+03	2.2084803E+05	2.2979332E+04	2.5117176E+04	2.5160031E+04
2.5167469E+04	2.5167975E+04	2.5236658E+04		
1.940709E+03	2.2090867E+05	2.2899840E+04	2.5107250E+04	2.5144660E+04
2.5150305E+04	2.5150371E+04	2.5168203E+04		
1.945709E+03	2.2097845E+05	2.2836074E+04	2.5096182E+04	2.5141145E+04
2.5148500E+04	2.5149061E+04	2.5164955E+04		
1.950755E+03	2.2087850E+05	2.2771420E+04	2.5091789E+04	2.5132580E+04
2.5138941E+04	2.5139080E+04	2.5156584E+04		
1.955762E+03	2.2102606E+05	2.2705068E+04	2.5059732E+04	2.5108340E+04
2.5116363E+04	2.5116887E+04	2.5184131E+04		
1.960784E+03	2.2101077E+05	2.2640057E+04	2.5038402E+04	2.5084088E+04
2.5091943E+04	2.5092637E+04	2.5112084E+04		
1.965832E+03	2.2097369E+05	2.2595252E+04	2.5045270E+04	2.5093156E+04
2.5100670E+04	2.5101219E+04	2.5116912E+04		
1.970878E+03	2.2108241E+05	2.2542209E+04	2.5032029E+04	2.5083078E+04
2.5091693E+04	2.5092547E+04	2.5109941E+04		
1.975889E+03	2.2102614E+05	2.2511199E+04	2.5050443E+04	2.5097586E+04
2.5104736E+04	2.5105131E+04	2.5167703E+04		
1.980934E+03	2.2106689E+05	2.2480586E+04	2.5048086E+04	2.5098871E+04
2.5106988E+04	2.5107623E+04	2.5127305E+04		
1.985934E+03	2.2130267E+05	2.2559217E+04	2.5169816E+04	2.5211119E+04
2.5214855E+04	2.5213572E+04	2.5230020E+04		
1.990934E+03	2.2179961E+05	2.2839920E+04	2.5072619E+04	2.5160793E+04
2.5176398E+04	2.5174361E+04	2.5202408E+04		
1.995934E+03	2.2217980E+05	2.2939592E+04	2.4762520E+04	2.4824646E+04
2.4834701E+04	2.4832420E+04	2.4889432E+04		
2.000034E+03	2.2264878E+05	2.2935213E+04	2.4659168E+04	2.4680363E+04
2.4682268E+04	2.4678104E+04	2.4695955E+04		

TIME (sec)	PA993006	PA993106	PA993206	PA993306
PA993406	PA992206	PA992306		
1.000000E-10	9.5880898E+04	9.3137297E+04	9.1116398E+04	9.1134500E+04
9.1103000E+04	1.0376202E+05	1.0216800E+05		
1.003469E-01	9.6828406E+04	9.3980273E+04	9.2120102E+04	9.2128625E+04
9.2102062E+04	1.0406550E+05	1.0256622E+05		
2.016405E-01	9.9037547E+04	9.6011625E+04	9.4338508E+04	9.4458656E+04
9.4879117E+04	1.0615272E+05	1.0459946E+05		
3.143499E-01	1.0368422E+05	9.9230703E+04	9.7103188E+04	9.7476289E+04
1.0006711E+05	1.1281548E+05	1.1128123E+05		
4.176774E-01	1.0727397E+05	1.0102463E+05	9.8319672E+04	9.8971648E+04
1.0448935E+05	1.2029763E+05	1.1848291E+05		

5.179474E-01	1.1097234E+05	1.0331577E+05	9.9565414E+04	1.0053319E+05
1.0929281E+05	1.2414257E+05	1.2227651E+05		
6.236274E-01	1.1440398E+05	1.0470757E+05	1.0023255E+05	1.0170797E+05
1.1420766E+05	1.2955505E+05	1.2764523E+05		
7.657229E-01	1.1769493E+05	1.0510127E+05	1.0038399E+05	1.0246385E+05
1.2016926E+05	1.3851584E+05	1.3631983E+05		
8.878756E-01	1.2000457E+05	1.0546510E+05	1.0031766E+05	1.0282947E+05
1.2494961E+05	1.4475409E+05	1.4237853E+05		
9.933645E-01	1.2150486E+05	1.0550427E+05	9.9969422E+04	1.0277736E+05
1.2872896E+05	1.5011100E+05	1.4756703E+05		
1.524044E+00	1.2425370E+05	1.0229813E+05	9.4769766E+04	9.8048328E+04
1.4333125E+05	1.7415277E+05	1.7050911E+05		
2.030162E+00	1.2016628E+05	9.2997344E+04	8.4371641E+04	8.8230828E+04
1.5316928E+05	1.9448370E+05	1.8916755E+05		
2.550346E+00	1.1157698E+05	8.0592375E+04	7.1789664E+04	7.5685305E+04
1.5850231E+05	2.1172019E+05	2.0442212E+05		
3.062366E+00	1.0216191E+05	6.9128086E+04	5.8659578E+04	6.3115793E+04
1.5847706E+05	2.2232106E+05	2.0683314E+05		
3.562366E+00	9.0824258E+04	5.3628516E+04	4.4445734E+04	5.0383426E+04
1.5713500E+05	2.2744558E+05	1.9963994E+05		
4.082775E+00	6.8227422E+04	3.8967906E+04	3.9242754E+04	4.7710637E+04
1.4998469E+05	2.2831373E+05	1.9027164E+05		
4.604100E+00	4.8627621E+04	3.9931020E+04	4.6735266E+04	5.5387254E+04
1.3598350E+05	2.2527908E+05	1.8347520E+05		
5.125216E+00	4.6496660E+04	5.2720852E+04	6.0350418E+04	6.7566148E+04
1.1775870E+05	2.1759172E+05	1.7573055E+05		
5.625216E+00	5.3718551E+04	6.0219363E+04	6.7043336E+04	7.4555469E+04
1.0065743E+05	2.0510911E+05	1.5491911E+05		
6.125216E+00	5.7796449E+04	5.9173371E+04	6.4664414E+04	7.2737336E+04
8.7217789E+04	1.8468891E+05	1.2558890E+05		
6.625216E+00	5.5145797E+04	4.9675816E+04	5.5278375E+04	6.4585949E+04
7.7894820E+04	1.6013830E+05	1.0352056E+05		
7.125216E+00	4.9277781E+04	4.3666871E+04	4.7512363E+04	5.3879926E+04
7.1756727E+04	1.3717264E+05	9.4858344E+04		
7.625216E+00	4.3652125E+04	3.7434262E+04	4.0144688E+04	4.5740051E+04
6.6413891E+04	1.2005647E+05	9.3138766E+04		
8.125216E+00	3.8391770E+04	3.1686049E+04	3.6487379E+04	4.2747996E+04
6.0392781E+04	1.0900018E+05	9.2390812E+04		
8.625216E+00	3.5082543E+04	3.0162838E+04	3.5813484E+04	4.1643336E+04
5.4613762E+04	1.0223805E+05	9.0289797E+04		
9.146049E+00	3.3818922E+04	2.9999480E+04	3.5331492E+04	4.0571566E+04
4.9191695E+04	9.6697219E+04	8.5978484E+04		
9.646049E+00	3.3526688E+04	3.1521418E+04	3.5423941E+04	3.9475906E+04
4.4535188E+04	9.1109867E+04	8.0268531E+04		
1.014605E+01	3.4460266E+04	3.3256016E+04	3.4021406E+04	3.7590609E+04
4.0889520E+04	8.5326188E+04	7.4422773E+04		
1.064605E+01	3.5354832E+04	3.3935605E+04	3.3278258E+04	3.5517117E+04
3.8051660E+04	7.9594352E+04	6.9201680E+04		
1.114605E+01	3.6020012E+04	3.4370055E+04	3.2862707E+04	3.3583191E+04
3.5748617E+04	7.4255609E+04	6.4839898E+04		
1.164605E+01	3.6357633E+04	3.4180953E+04	3.2056799E+04	3.1723209E+04
3.3864473E+04	6.9557555E+04	6.1326215E+04		
1.214605E+01	3.6367020E+04	3.3687332E+04	3.1097797E+04	3.0078814E+04
3.2272770E+04	6.5589133E+04	5.8486871E+04		
1.264605E+01	3.6167969E+04	3.3185359E+04	3.0155172E+04	2.8701943E+04
3.0856643E+04	6.2318898E+04	5.6136531E+04		

1.314605E+01 3.5886469E+04 3.2765754E+04 2.9284691E+04 2.7556203E+04
2.9526424E+04 5.9642426E+04 5.4137586E+04
1.364605E+01 3.5619449E+04 3.2416988E+04 2.8493342E+04 2.6655971E+04
2.8201721E+04 5.7415082E+04 5.2377168E+04
1.414605E+01 3.5438910E+04 3.2123520E+04 2.7672525E+04 2.5956482E+04
2.6849002E+04 5.5538422E+04 5.0808102E+04
1.464605E+01 3.5385457E+04 3.1499801E+04 2.6404402E+04 2.5307254E+04
2.5483580E+04 5.3965629E+04 4.9448055E+04
1.514605E+01 3.5286203E+04 3.0249666E+04 2.4937785E+04 2.4610877E+04
2.4133357E+04 5.2678039E+04 4.8347738E+04
1.564605E+01 3.4936242E+04 2.8543139E+04 2.3440984E+04 2.3701816E+04
2.2880811E+04 5.1673730E+04 4.7541594E+04
1.614605E+01 3.4282945E+04 2.6215162E+04 2.1841965E+04 2.2625516E+04
2.1776129E+04 5.0913582E+04 4.6969688E+04
1.664605E+01 3.3410867E+04 2.3460004E+04 2.0327080E+04 2.1501010E+04
2.0806674E+04 5.0322160E+04 4.6516922E+04
1.714605E+01 3.2246459E+04 2.0907703E+04 1.9027307E+04 2.0407389E+04
1.9929764E+04 4.9799520E+04 4.6080547E+04
1.764605E+01 3.0915461E+04 1.8755062E+04 1.7927609E+04 1.9418441E+04
1.9152514E+04 4.9368422E+04 4.5660469E+04
1.814605E+01 2.9525285E+04 1.6958119E+04 1.6931529E+04 1.8505072E+04
1.8467832E+04 4.9008340E+04 4.5206367E+04
1.864605E+01 2.8163201E+04 1.5404562E+04 1.5991589E+04 1.7641852E+04
1.7863141E+04 4.8686195E+04 4.4691094E+04
1.914605E+01 2.6856047E+04 1.4061102E+04 1.5137229E+04 1.6838949E+04
1.7327748E+04 4.8375520E+04 4.4106066E+04
1.964605E+01 2.5644789E+04 1.2839820E+04 1.4262376E+04 1.6057311E+04
1.6841492E+04 4.8045043E+04 4.3441527E+04
2.014605E+01 2.4553803E+04 1.1680741E+04 1.3387289E+04 1.5308976E+04
1.6388354E+04 4.7660309E+04 4.2691051E+04
2.064605E+01 2.3601529E+04 1.0553049E+04 1.2532698E+04 1.4612439E+04
1.5958746E+04 4.7198766E+04 4.1847488E+04
2.114605E+01 2.2814359E+04 9.4168467E+03 1.1680573E+04 1.3979442E+04
1.5550070E+04 4.6652348E+04 4.0913461E+04
2.164605E+01 2.2196301E+04 8.2041836E+03 1.0772899E+04 1.3420589E+04
1.5164123E+04 4.6024312E+04 3.9918004E+04
2.214605E+01 2.1720346E+04 6.8961675E+03 9.8529619E+03 1.2931989E+04
1.4806469E+04 4.5332754E+04 3.8898480E+04
2.266648E+01 2.1423783E+04 5.5832017E+03 8.8957217E+03 1.2482751E+04
1.4471676E+04 4.4575750E+04 3.7844570E+04
2.318409E+01 2.1283020E+04 4.3793994E+03 8.0235649E+03 1.2082938E+04
1.4177832E+04 4.3805633E+04 3.6823418E+04
2.368409E+01 2.0735279E+04 3.5302036E+03 7.1503062E+03 1.1727984E+04
1.3924728E+04 4.3042926E+04 3.5873402E+04
2.418409E+01 1.9030174E+04 4.3287036E+03 5.8891919E+03 1.1397621E+04
1.3698518E+04 4.2271762E+04 3.4982297E+04
2.468420E+01 1.6434365E+04 6.0303945E+03 5.6176523E+03 1.1104036E+04
1.3494451E+04 4.1497922E+04 3.4166176E+04
2.518866E+01 1.3510990E+04 7.3039956E+03 6.3025703E+03 1.0848758E+04
1.3311071E+04 4.0734438E+04 3.3433535E+04
2.570592E+01 1.0713431E+04 7.7932856E+03 7.0882993E+03 1.0629749E+04
1.3145916E+04 3.9972316E+04 3.2771824E+04
2.622136E+01 8.3678135E+03 7.6784766E+03 7.5113301E+03 1.0443868E+04
1.3001430E+04 3.9278766E+04 3.2168135E+04
2.673972E+01 6.5183496E+03 7.0681606E+03 7.3845366E+03 1.0305143E+04
1.2860398E+04 3.8653309E+04 3.1519137E+04

2.724740E+01	5.2182910E+03	6.3372104E+03	6.8863511E+03	1.0235787E+04
1.2733376E+04	3.8047422E+04	3.0812561E+04		
2.776852E+01	4.3082944E+03	5.6072549E+03	6.2367891E+03	1.0239586E+04
1.2603679E+04	3.7429902E+04	2.9984535E+04		
2.828743E+01	3.7128345E+03	4.8608179E+03	5.5354849E+03	1.0294722E+04
1.2466804E+04	3.6843691E+04	2.9087182E+04		
2.878743E+01	3.4313738E+03	4.2730601E+03	4.8830508E+03	1.0348488E+04
1.2330124E+04	3.6290734E+04	2.8176260E+04		
2.928743E+01	3.2611936E+03	3.8556892E+03	4.3421235E+03	1.0391865E+04
1.2184130E+04	3.5731633E+04	2.7193797E+04		
2.978743E+01	3.1552622E+03	3.5693401E+03	3.9343757E+03	1.0435044E+04
1.2026938E+04	3.5155824E+04	2.6157934E+04		
3.028743E+01	3.0748088E+03	3.3741672E+03	3.6402742E+03	1.0484215E+04
1.1857796E+04	3.4556582E+04	2.5099836E+04		
3.078743E+01	2.9836008E+03	3.2305095E+03	3.4294944E+03	1.0537843E+04
1.1676468E+04	3.3929301E+04	2.4046621E+04		
3.128743E+01	2.8664822E+03	3.1064055E+03	3.2712893E+03	1.0598226E+04
1.1482576E+04	3.3268230E+04	2.2970398E+04		
3.178743E+01	2.7199731E+03	2.9796636E+03	3.1376951E+03	1.0671872E+04
1.1275660E+04	3.2566744E+04	2.1806033E+04		
3.228743E+01	2.5505630E+03	2.8392292E+03	3.0073350E+03	1.0712701E+04
1.1054629E+04	3.1820373E+04	2.0516551E+04		
3.278743E+01	2.3687241E+03	2.6834438E+03	2.8694702E+03	1.0707104E+04
1.0820648E+04	3.1026188E+04	1.9107465E+04		
3.328743E+01	2.1848818E+03	2.5163508E+03	2.7212803E+03	1.0659587E+04
1.0576485E+04	3.0182225E+04	1.7619854E+04		
3.378743E+01	2.0079062E+03	2.3448921E+03	2.5649226E+03	1.0575923E+04
1.0325826E+04	2.9286164E+04	1.6115022E+04		
3.428743E+01	1.8449476E+03	2.1769009E+03	2.4067617E+03	1.0463716E+04
1.0073398E+04	2.8339324E+04	1.4656357E+04		
3.478743E+01	1.7016140E+03	2.0199337E+03	2.2548989E+03	1.0332019E+04
9.8235439E+03	2.7350082E+04	1.3293929E+04		
3.528743E+01	1.5789652E+03	1.8775497E+03	2.1136345E+03	1.0184146E+04
9.5763623E+03	2.6328971E+04	1.2056077E+04		
3.578743E+01	1.4756385E+03	1.7511199E+03	1.9842438E+03	1.0020558E+04
9.3312354E+03	2.5291324E+04	1.0957006E+04		
3.628743E+01	1.3909733E+03	1.6416285E+03	1.8676552E+03	9.8423057E+03
9.0886572E+03	2.4253168E+04	9.9993115E+03		
3.678743E+01	1.3232491E+03	1.5474865E+03	1.7619148E+03	9.6494375E+03
8.8493643E+03	2.3225689E+04	9.1830088E+03		
3.728743E+01	1.2716372E+03	1.4681937E+03	1.6670564E+03	9.4449033E+03
8.6154404E+03	2.2217348E+04	8.4970664E+03		
3.778743E+01	1.2333699E+03	1.4002163E+03	1.5775760E+03	9.2286338E+03
8.3896699E+03	2.1234906E+04	7.9132983E+03		
3.830806E+01	1.2076880E+03	1.3422494E+03	1.4930541E+03	8.9971562E+03
8.1663574E+03	2.0246334E+04	7.3931035E+03		
3.880806E+01	1.1959376E+03	1.2993824E+03	1.4228600E+03	8.7766963E+03
7.9647251E+03	1.9332529E+04	6.9615767E+03		
3.930806E+01	1.1958997E+03	1.2695862E+03	1.3660768E+03	8.5613594E+03
7.7738594E+03	1.8447971E+04	6.5809023E+03		
3.983299E+01	1.2070142E+03	1.2522589E+03	1.3224546E+03	8.3447617E+03
7.5818496E+03	1.7543262E+04	6.2214844E+03		
4.034888E+01	1.2270206E+03	1.2473566E+03	1.2941343E+03	8.1386211E+03
7.3960942E+03	1.6671871E+04	5.8962119E+03		
4.086869E+01	1.2539906E+03	1.2523022E+03	1.2780834E+03	7.9373608E+03
7.2079668E+03	1.5811649E+04	5.5913911E+03		

4.137451E+01	1.2837806E+03	1.2641831E+03	1.4272720E+03	7.7476875E+03
7.0222114E+03	1.4999407E+04	5.3146577E+03		
4.188536E+01	1.3157522E+03	1.2800540E+03	1.9592899E+03	7.5521787E+03
6.8299810E+03	1.4204049E+04	5.0550439E+03		
4.239460E+01	1.3499872E+03	1.2979412E+03	2.7688000E+03	7.3558159E+03
6.6369526E+03	1.3436053E+04	4.8206348E+03		
4.290141E+01	1.3867671E+03	1.3164490E+03	3.7121221E+03	7.1605605E+03
6.4453735E+03	1.2694349E+04	4.6124360E+03		
4.340367E+01	1.4282190E+03	1.3459183E+03	4.6518228E+03	6.9691426E+03
6.2589292E+03	1.1984923E+04	4.4324893E+03		
4.391029E+01	1.4808434E+03	1.4480553E+03	5.3672759E+03	6.7800479E+03
6.0771650E+03	1.1302133E+04	4.2771167E+03		
4.442013E+01	1.5495020E+03	1.6393517E+03	5.8303945E+03	6.5943159E+03
5.9012090E+03	1.0654025E+04	4.1448223E+03		
4.493227E+01	1.6379166E+03	1.9045626E+03	6.0795229E+03	6.4128516E+03
5.7322441E+03	1.0046359E+04	4.0358708E+03		
4.543827E+01	1.7452987E+03	2.2145076E+03	6.1705483E+03	6.2385894E+03
5.5725801E+03	9.4881602E+03	3.9488994E+03		
4.593893E+01	1.8754263E+03	2.5441758E+03	6.1564824E+03	6.0706045E+03
5.4208149E+03	8.9755430E+03	3.8808013E+03		
4.644418E+01	2.0215192E+03	2.8942014E+03	6.0754087E+03	5.9036440E+03
5.2722598E+03	8.4923799E+03	3.8294609E+03		
4.695213E+01	2.1802524E+03	3.2639685E+03	5.9499497E+03	5.7372939E+03
5.1264194E+03	8.0415649E+03	3.7905283E+03		
4.745940E+01	2.3758120E+03	3.6227859E+03	5.7989453E+03	5.5720249E+03
4.9834106E+03	7.6222046E+03	3.7573281E+03		
4.797015E+01	2.5992454E+03	3.9405730E+03	5.6356675E+03	5.4076538E+03
4.8426943E+03	7.2262544E+03	3.7269202E+03		
4.847311E+01	2.7738752E+03	4.1940850E+03	5.4733955E+03	5.2494971E+03
4.7082651E+03	6.8627202E+03	3.6981570E+03		
4.898312E+01	2.8755925E+03	4.3980532E+03	5.3074941E+03	5.0926216E+03
4.5761753E+03	6.5225244E+03	3.6667351E+03		
4.948804E+01	2.9181362E+03	4.5463613E+03	5.1469268E+03	4.9414541E+03
4.4497764E+03	6.2139575E+03	3.6340315E+03		
4.999225E+01	2.9259624E+03	4.6430303E+03	4.9946626E+03	4.7955688E+03
4.3282935E+03	5.9315537E+03	3.6057344E+03		
5.049424E+01	2.9148025E+03	4.7005967E+03	4.8503555E+03	4.6561704E+03
4.2123301E+03	5.6735483E+03	3.5863887E+03		
5.099622E+01	2.8925442E+03	4.7297544E+03	4.7138252E+03	4.5238027E+03
4.1030605E+03	5.4384043E+03	3.5742178E+03		
5.149626E+01	2.8626084E+03	4.7383604E+03	4.5840625E+03	4.3985171E+03
4.0010291E+03	5.2275776E+03	3.5633989E+03		
5.199947E+01	2.8272373E+03	4.7310742E+03	4.4584048E+03	4.2789990E+03
3.9047974E+03	5.0386021E+03	3.5485298E+03		
5.250106E+01	2.7889885E+03	4.7098462E+03	4.3374141E+03	4.1660322E+03
3.8150798E+03	4.8709204E+03	3.5270046E+03		
5.300600E+01	2.7494316E+03	4.6755693E+03	4.2202197E+03	4.0585581E+03
3.7303181E+03	4.7194897E+03	3.4983735E+03		
5.351564E+01	2.7100132E+03	4.6288013E+03	4.1070273E+03	3.9561807E+03
3.6501262E+03	4.5807368E+03	3.4634841E+03		
5.402672E+01	2.6717061E+03	4.5704609E+03	3.9990676E+03	3.8596287E+03
3.5745667E+03	4.4527578E+03	3.4239990E+03		
5.452872E+01	2.6349897E+03	4.5054292E+03	3.8995964E+03	3.7706289E+03
3.5044458E+03	4.3358052E+03	3.3823879E+03		
5.503849E+01	2.5986350E+03	4.4329639E+03	3.8048628E+03	3.6857878E+03
3.4363411E+03	4.2245269E+03	3.3384299E+03		

5.554660E+01 2.5622839E+03 4.3580894E+03 3.7170837E+03 3.6062720E+03
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1.0325706E+03 2.1840425E+03 1.8141292E+03
8.030791E+01 1.0651570E+03 1.1285991E+03 1.1669409E+03 1.1611664E+03
1.0549689E+03 2.1533738E+03 1.7709812E+03
8.080791E+01 1.0298641E+03 1.0858549E+03 1.1169069E+03 1.1353257E+03
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8.180791E+01 9.5688367E+02 1.0076068E+03 1.0334684E+03 1.1256987E+03
1.1788401E+03 2.0537861E+03 1.6229321E+03
8.230791E+01 9.2100391E+02 9.7042566E+02 9.9583594E+02 1.1384823E+03
1.2261145E+03 2.0193136E+03 1.5631345E+03
8.280791E+01 8.8731921E+02 9.3516205E+02 9.6039233E+02 1.1594462E+03
1.2693208E+03 1.9843063E+03 1.4973633E+03
8.330791E+01 8.5658734E+02 9.0241351E+02 9.2738422E+02 1.1852788E+03
1.3046647E+03 1.9485128E+03 1.4270576E+03

8.380791E+01	8.2934668E+02	8.7268134E+02	8.9722968E+02	1.2125865E+03
1.3293794E+03	1.9117767E+03	1.3547758E+03		
8.430791E+01	8.0598346E+02	8.4635199E+02	8.7030396E+02	1.2383690E+03
1.3428097E+03	1.8739585E+03	1.2836003E+03		
8.483009E+01	7.8581665E+02	8.2270184E+02	8.4590833E+02	1.2610825E+03
1.3441588E+03	1.8330720E+03	1.2136583E+03		
8.533189E+01	7.7012817E+02	8.0361505E+02	8.2606531E+02	1.2767659E+03
1.3332445E+03	1.7920725E+03	1.1530686E+03		
8.583189E+01	7.5786084E+02	7.8800677E+02	8.0961230E+02	1.2849978E+03
1.3115096E+03	1.7496675E+03	1.1006605E+03		
8.634407E+01	7.4851575E+02	7.7517560E+02	7.9583948E+02	1.2850680E+03
1.2794536E+03	1.7050820E+03	1.0561428E+03		
8.686680E+01	7.4235175E+02	7.6598871E+02	7.9470947E+02	1.2763470E+03
1.2389819E+03	1.6586069E+03	1.0194136E+03		
8.738983E+01	7.3895538E+02	7.5986987E+02	8.0361371E+02	1.2600591E+03
1.1959252E+03	1.6125176E+03	9.9085620E+02		
8.789572E+01	7.3804449E+02	7.5665332E+02	8.4050146E+02	1.2374678E+03
1.1524335E+03	1.5681302E+03	9.6922675E+02		
8.841684E+01	7.3922284E+02	7.5540289E+02	8.6192865E+02	1.2096566E+03
1.1084711E+03	1.5232686E+03	9.5267328E+02		
8.892328E+01	7.4218701E+02	7.5627063E+02	8.8521881E+02	1.1794456E+03
1.0679280E+03	1.4814916E+03	9.4094049E+02		
8.943372E+01	7.4658948E+02	7.5885168E+02	9.0919519E+02	1.1472394E+03
1.0297031E+03	1.4418452E+03	9.3242493E+02		
8.995622E+01	7.5187048E+02	7.6244464E+02	9.2633801E+02	1.1128357E+03
9.9329541E+02	1.4037300E+03	9.2604181E+02		
9.045622E+01	7.5743964E+02	7.6650055E+02	9.3339703E+02	1.0795364E+03
9.6111871E+02	1.3696108E+03	9.2165424E+02		
9.096755E+01	7.6341125E+02	7.7099023E+02	9.3025592E+02	1.0458267E+03
9.3061304E+02	1.3368257E+03	9.1828088E+02		
9.146755E+01	7.6930133E+02	7.7561633E+02	9.2029175E+02	1.0137740E+03
9.0299109E+02	1.3069194E+03	9.1565430E+02		
9.196755E+01	7.7491315E+02	7.8028717E+02	9.0790833E+02	9.8278033E+02
8.7715802E+02	1.2789648E+03	9.1312762E+02		
9.248622E+01	7.7972778E+02	7.8481354E+02	9.0538068E+02	9.5137677E+02
8.5171484E+02	1.2512699E+03	9.0987109E+02		
9.299437E+01	7.8410547E+02	7.8901862E+02	8.9771484E+02	9.2214398E+02
8.2848871E+02	1.2255367E+03	9.0637421E+02		
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8.0644128E+02	1.2007418E+03	9.0197906E+02		
9.401919E+01	7.9102893E+02	7.9635785E+02	8.7145190E+02	8.6750830E+02
7.8499091E+02	1.1764294E+03	8.9658453E+02		
9.453943E+01	7.9359900E+02	7.9957501E+02	8.5436438E+02	8.4221741E+02
7.6457007E+02	1.1532722E+03	8.9029767E+02		
9.504118E+01	7.9510559E+02	8.0207971E+02	8.3929822E+02	8.1896948E+02
7.4555176E+02	1.1317300E+03	8.8317181E+02		
9.554896E+01	7.9554382E+02	8.0386804E+02	8.2669293E+02	7.9654797E+02
7.2719836E+02	1.1105737E+03	8.7497968E+02		
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7.1059558E+02	1.0905371E+03	8.6603259E+02		
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6.9467151E+02	1.0714082E+03	8.5634540E+02		
9.706335E+01	7.8959436E+02	8.0341608E+02	8.0219012E+02	7.3681641E+02
6.8100677E+02	1.0527208E+03	8.4572534E+02		
9.758144E+01	7.8494867E+02	8.0101819E+02	7.9697333E+02	7.1937903E+02
6.6989075E+02	1.0348533E+03	8.3441656E+02		

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6.6082257E+02 1.0181675E+03 8.2290198E+02
9.859486E+01 7.7186273E+02 7.9277222E+02 7.8697412E+02 6.9080280E+02
6.5381970E+02 1.0021023E+03 8.1091785E+02
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4.6029752E+02 5.3493475E+02 4.5386380E+02
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4.1979086E+02 4.8128406E+02 4.1510648E+02
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1.1970966E+02 1.4081107E+02 1.2664327E+02
5.466345E+02 1.0857876E+02 1.0947358E+02 1.0962946E+02 1.1992944E+02
1.2025176E+02 1.3406134E+02 1.1999460E+02
5.516580E+02 1.0486689E+02 1.0528819E+02 1.0562646E+02 1.1711029E+02
1.1868536E+02 1.2587860E+02 1.1565291E+02
5.566583E+02 9.9733109E+01 1.0000191E+02 1.0000471E+02 1.0858586E+02
1.1316904E+02 1.2351315E+02 1.1123184E+02
5.616711E+02 9.9001129E+01 9.9360542E+01 9.9462257E+01 1.0454265E+02
1.0862137E+02 1.2675301E+02 1.0990845E+02
5.666711E+02 1.0334512E+02 1.0321539E+02 1.0306035E+02 1.0269210E+02
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5.817575E+02 9.6631851E+01 9.6778999E+01 9.6814964E+01 1.0125903E+02
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5.867994E+02 9.7036278E+01 9.7459763E+01 9.7527931E+01 9.7986473E+01
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5.918351E+02 9.2559486E+01 9.2305244E+01 9.2141640E+01 9.5375763E+01
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3.2177161E+02 3.6192322E+03 3.3301627E+02
1.149029E+03 3.2059067E+02 3.2070312E+02 3.2067950E+02 3.2133621E+02
3.1686011E+02 3.2615354E+03 3.2802945E+02
1.154029E+03 3.2155551E+02 3.2153137E+02 3.2138623E+02 3.2127191E+02
3.1570996E+02 2.9456440E+03 3.2370355E+02
1.159029E+03 3.1671112E+02 3.1675385E+02 3.1663821E+02 3.1745312E+02
3.1361462E+02 2.6666467E+03 3.2139731E+02
1.164029E+03 3.1311121E+02 3.1298334E+02 3.1277805E+02 3.1278036E+02
3.0897620E+02 2.4182925E+03 3.1881012E+02
1.169073E+03 3.1021036E+02 3.1007507E+02 3.0990820E+02 3.0972287E+02
3.0542697E+02 2.1948640E+03 3.1469620E+02
1.174073E+03 3.0683514E+02 3.0683780E+02 3.0673706E+02 3.0736615E+02
3.0356216E+02 1.9986597E+03 3.1095935E+02
1.179073E+03 3.0356219E+02 3.0359869E+02 3.0347882E+02 3.0424033E+02
3.0133417E+02 1.8230323E+03 3.0841473E+02
1.184122E+03 3.0165195E+02 3.0168192E+02 3.0159445E+02 3.0171057E+02
2.9843372E+02 1.6640607E+03 3.0383945E+02
1.189164E+03 2.9944400E+02 2.9947827E+02 2.9935385E+02 2.9920117E+02
2.9649695E+02 1.5228773E+03 3.0054944E+02
1.194184E+03 2.9812854E+02 2.9785703E+02 2.9763995E+02 2.9677435E+02
2.9384235E+02 1.3963529E+03 2.9507477E+02
1.199231E+03 2.9443616E+02 2.9443152E+02 2.9433661E+02 2.9484677E+02
2.9248605E+02 1.2823097E+03 2.9078293E+02
1.204231E+03 2.9258728E+02 2.9255246E+02 2.9243106E+02 2.9282190E+02
2.9040564E+02 1.1796443E+03 2.8683954E+02

1.209231E+03 2.8919507E+02 2.8920755E+02 2.8910138E+02 2.8991638E+02
2.8838885E+02 1.0876462E+03 2.8700922E+02
1.214231E+03 2.8797574E+02 2.8801260E+02 2.8791422E+02 2.8710184E+02
2.8509909E+02 1.0041250E+03 2.8485980E+02
1.219231E+03 2.8465845E+02 2.8442834E+02 2.8421432E+02 2.8437790E+02
2.8300992E+02 9.2869818E+02 2.8266437E+02
1.224231E+03 2.8186588E+02 2.8186163E+02 2.8177271E+02 2.8191797E+02
2.7960132E+02 8.6060181E+02 2.7882657E+02
1.229231E+03 2.7950522E+02 2.7957590E+02 2.7950473E+02 2.7999338E+02
2.7890793E+02 7.9866321E+02 2.7490845E+02
1.234231E+03 2.7982202E+02 2.7993472E+02 2.7989581E+02 2.7936066E+02
2.7771402E+02 7.4285736E+02 2.6858755E+02
1.239231E+03 2.8116632E+02 2.8093027E+02 2.8070514E+02 2.7922552E+02
2.7742026E+02 6.9196307E+02 2.6261987E+02
1.244231E+03 2.7849893E+02 2.7858340E+02 2.7853778E+02 2.7836646E+02
2.7664905E+02 6.4589771E+02 2.5779565E+02
1.249231E+03 2.7950140E+02 2.7961172E+02 2.7957974E+02 2.7908633E+02
2.7638412E+02 6.0379254E+02 2.5351459E+02
1.254231E+03 2.8055225E+02 2.8082162E+02 2.8085452E+02 2.8015231E+02
2.7730392E+02 5.6590527E+02 2.4828360E+02
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2.7948557E+02 5.3115234E+02 2.3794852E+02
1.264231E+03 2.9119186E+02 2.9073068E+02 2.9042639E+02 2.8821457E+02
2.8339084E+02 4.9819553E+02 2.3351289E+02
1.269231E+03 2.8869952E+02 2.8895007E+02 2.8897858E+02 2.8890329E+02
2.8618781E+02 4.6817526E+02 2.3139046E+02
1.274231E+03 2.9483752E+02 2.9519968E+02 2.9529178E+02 2.9340054E+02
2.8944391E+02 4.3970276E+02 2.2225244E+02
1.279231E+03 3.0475018E+02 3.0549728E+02 3.0576062E+02 3.0099716E+02
2.9509225E+02 4.1220737E+02 2.1216624E+02
1.284231E+03 3.1169629E+02 3.1064459E+02 3.1011325E+02 3.0567087E+02
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2.9101701E+04 7.4355474E+00 1.6919383E+04
1.624956E+03 2.9163682E+04 2.9158438E+04 2.9148816E+04 2.9130270E+04
2.9119824E+04 3.0011861E+00 1.7600645E+04

1.629956E+03	2.9171658E+04	2.9170258E+04	2.9162488E+04	2.9146877E+04
2.9134340E+04	1.1648217E+00	1.7367400E+04		
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2.9152812E+04	5.9754032E-01	1.8695129E+04		
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2.9159682E+04	3.5045603E-01	1.0897673E+04		
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2.9180434E+04	1.6088222E-01	6.3089497E+03		
1.649982E+03	2.9244279E+04	2.9242756E+04	2.9234736E+04	2.9224855E+04
2.9183184E+04	6.6062257E-02	3.6174026E+03		
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2.9209402E+04	8.7602323E-01	2.0286321E+03		
1.660028E+03	2.9257078E+04	2.9256016E+04	2.9248242E+04	2.9253627E+04
2.9213369E+04	1.2966558E+00	1.1229827E+03		
1.665028E+03	2.9255764E+04	2.9256627E+04	2.9249799E+04	2.9255023E+04
2.9246535E+04	1.4259465E+00	6.2095496E+02		
1.670048E+03	2.9305004E+04	2.9304453E+04	2.9296703E+04	2.9291246E+04
2.9253660E+04	9.8386329E-01	3.4068994E+02		
1.675065E+03	2.9321979E+04	2.9323607E+04	2.9316822E+04	2.9320838E+04
2.9250900E+04	1.1634853E+00	1.8568634E+02		
1.680108E+03	2.9321863E+04	2.9323223E+04	2.9316363E+04	2.9333668E+04
2.9274707E+04	6.5890837E-01	1.0042121E+02		
1.685146E+03	2.9355572E+04	2.9359242E+04	2.9352990E+04	2.9370500E+04
2.9267996E+04	2.8075460E-01	5.4269207E+01		
1.690150E+03	2.9323033E+04	2.9324992E+04	2.9318357E+04	2.9332447E+04
2.9318170E+04	2.8349587E-01	2.9313654E+01		
1.695192E+03	2.9362217E+04	2.9364725E+04	2.9358314E+04	2.9367125E+04
2.9262098E+04	2.2929914E-01	1.5597850E+01		
1.700202E+03	2.9427328E+04	2.9429803E+04	2.9423135E+04	2.9448008E+04
2.9259385E+04	2.0973060E-01	8.3447666E+00		
1.705202E+03	2.9483484E+04	2.9485666E+04	2.9477836E+04	2.9526852E+04
2.9171137E+04	1.4447926E-01	4.5385566E+00		
1.710202E+03	2.9340844E+04	2.9345438E+04	2.9339066E+04	2.9428932E+04
2.9258764E+04	7.1937598E-02	2.4763305E+00		
1.715202E+03	2.9240082E+04	2.9244631E+04	2.9239473E+04	2.9306209E+04
2.9302064E+04	3.0466728E-02	1.3473074E+00		
1.720212E+03	2.9254146E+04	2.9259043E+04	2.9254285E+04	2.9268609E+04
2.9273328E+04	4.3483403E-02	7.3962879E-01		
1.725225E+03	2.9270154E+04	2.9272061E+04	2.9265857E+04	2.9249330E+04
2.9249826E+04	6.1224811E-02	4.3764099E-01		
1.730267E+03	2.9290971E+04	2.9293354E+04	2.9287264E+04	2.9290143E+04
2.9096914E+04	4.0241614E-02	2.7100199E-01		
1.735300E+03	2.9424570E+04	2.9426891E+04	2.9418502E+04	2.9480291E+04
2.8678568E+04	1.9206420E-02	1.6287886E-01		
1.740300E+03	2.9234305E+04	2.9238674E+04	2.9230980E+04	2.9454305E+04
2.8476742E+04	7.9870326E-03	9.4767146E-02		
1.745300E+03	2.8944084E+04	2.8949535E+04	2.8941543E+04	2.9203795E+04
2.8225746E+04	3.1175055E-03	5.3590149E-02		
1.750300E+03	2.8646145E+04	2.8647898E+04	2.8638512E+04	2.8890049E+04
2.7977264E+04	1.1710700E-03	2.9566282E-02		
1.755300E+03	2.8365773E+04	2.8370752E+04	2.8363203E+04	2.8606033E+04
2.7844930E+04	4.3016952E-04	1.6018836E-02		
1.760300E+03	2.8056951E+04	2.8061740E+04	2.8054787E+04	2.8258238E+04
2.7563795E+04	1.5671196E-04	8.5964780E-03		
1.765300E+03	2.7754652E+04	2.7759723E+04	2.7754270E+04	2.7929346E+04
2.7389797E+04	5.7079349E-05	4.5913947E-03		

1.770300E+03	2.7568459E+04	2.7569574E+04	2.7561578E+04	2.7697148E+04
2.7017461E+04	2.0774447E-05	2.4389725E-03		
1.775300E+03	2.7357018E+04	2.7358533E+04	2.7350449E+04	2.7534096E+04
2.6619490E+04	7.5405101E-06	1.2867971E-03		
1.780300E+03	2.6978889E+04	2.6982861E+04	2.6976865E+04	2.7212396E+04
2.6556043E+04	2.7407068E-06	6.7604141E-04		
1.785300E+03	2.6598035E+04	2.6603758E+04	2.6599230E+04	2.6781699E+04
2.6550932E+04	1.0003217E-06	3.5473143E-04		
1.790312E+03	2.6312969E+04	2.6315580E+04	2.6311332E+04	2.6390951E+04
2.6349012E+04	1.9601760E-04	1.9629601E-04		
1.795348E+03	2.6231074E+04	2.6231244E+04	2.6226057E+04	2.6250457E+04
2.6021848E+04	4.4323667E-03	2.3683708E-03		
1.800348E+03	2.6183418E+04	2.6186418E+04	2.6181307E+04	2.6235498E+04
2.5914076E+04	4.9802498E-03	4.6005482E-03		
1.805392E+03	2.5994404E+04	2.5999408E+04	2.5995346E+04	2.6081316E+04
2.5972354E+04	3.9314166E-02	1.7869635E-02		
1.810392E+03	2.5974463E+04	2.5980295E+04	2.5976037E+04	2.6018494E+04
2.5831682E+04	6.6776700E-02	5.2863061E-02		
1.815392E+03	2.5901607E+04	2.5903260E+04	2.5897232E+04	2.5942789E+04
2.5736227E+04	6.9219805E-02	7.9970486E-02		
1.820392E+03	2.5761982E+04	2.5766709E+04	2.5762521E+04	2.5823219E+04
2.5766531E+04	8.7993868E-02	9.8239392E-02		
1.825392E+03	2.5719578E+04	2.5724709E+04	2.5720795E+04	2.5762482E+04
2.5704967E+04	1.1944053E-01	1.3026838E-01		
1.830440E+03	2.5687285E+04	2.5693094E+04	2.5689490E+04	2.5697518E+04
2.5683051E+04	1.3127294E-01	1.6271541E-01		
1.835440E+03	2.5655600E+04	2.5654875E+04	2.5648451E+04	2.5652400E+04
2.5655574E+04	1.2769811E-01	1.7726007E-01		
1.840440E+03	2.5589275E+04	2.5593457E+04	2.5589660E+04	2.5606174E+04
2.5618271E+04	1.0908841E-01	1.7871484E-01		
1.845440E+03	2.5555877E+04	2.5560408E+04	2.5556854E+04	2.5573520E+04
2.5580561E+04	1.0518710E-01	1.6703878E-01		
1.850440E+03	2.5558787E+04	2.5565572E+04	2.5562734E+04	2.5556771E+04
2.5560904E+04	1.5049964E-01	1.8027237E-01		
1.855440E+03	2.5540504E+04	2.5539139E+04	2.5532529E+04	2.5527166E+04
2.5535820E+04	1.3590342E-01	1.9915196E-01		
1.860440E+03	2.5494426E+04	2.5498924E+04	2.5495203E+04	2.5511494E+04
2.5514051E+04	1.1118415E-01	1.8719079E-01		
1.865440E+03	2.5490729E+04	2.5495895E+04	2.5492221E+04	2.5509777E+04
2.5503027E+04	8.0024868E-02	1.6301395E-01		
1.870459E+03	2.5484223E+04	2.5491705E+04	2.5489064E+04	2.5492320E+04
2.5487738E+04	8.2140878E-02	1.3834010E-01		
1.875459E+03	2.5475877E+04	2.5474854E+04	2.5468260E+04	2.5464611E+04
2.5465877E+04	1.0828084E-01	1.4117102E-01		
1.880459E+03	2.5434604E+04	2.5439514E+04	2.5435814E+04	2.5452102E+04
2.5457881E+04	8.4918633E-02	1.4057367E-01		
1.885502E+03	2.5421367E+04	2.5426480E+04	2.5422928E+04	2.5443109E+04
2.5438852E+04	8.3901405E-02	1.2917216E-01		
1.890502E+03	2.5432549E+04	2.5440057E+04	2.5437381E+04	2.5439154E+04
2.5427467E+04	1.3742101E-01	1.4543043E-01		
1.895548E+03	2.5440729E+04	2.5440355E+04	2.5433805E+04	2.5428023E+04
2.5414125E+04	1.6639107E-01	1.8758623E-01		
1.900587E+03	2.5404578E+04	2.5409580E+04	2.5405652E+04	2.5426348E+04
2.5331213E+04	1.7778240E-01	2.1879858E-01		
1.905594E+03	2.5356844E+04	2.5362604E+04	2.5358986E+04	2.5393645E+04
2.5350604E+04	1.4625575E-01	2.2834346E-01		

1.910599E+03	2.5338660E+04	2.5346297E+04	2.5343605E+04	2.5364309E+04
2.5326939E+04	1.0742612E-01	2.0281087E-01		
1.915604E+03	2.5327068E+04	2.5326273E+04	2.5319604E+04	2.5314639E+04
2.5287715E+04	9.1337562E-02	1.6918650E-01		
1.920619E+03	2.5265504E+04	2.5269838E+04	2.5266008E+04	2.5284141E+04
2.5258133E+04	7.7683598E-02	1.4536805E-01		
1.925623E+03	2.5234629E+04	2.5239574E+04	2.5236160E+04	2.5256086E+04
2.5244080E+04	5.3014394E-02	1.1701939E-01		
1.930635E+03	2.5223189E+04	2.5229906E+04	2.5227314E+04	2.5237736E+04
2.5223779E+04	3.6694933E-02	8.8305831E-02		
1.935664E+03	2.5232365E+04	2.5231590E+04	2.5225164E+04	2.5213760E+04
2.5201258E+04	3.1565022E-02	6.6640064E-02		
1.940709E+03	2.5178186E+04	2.5182520E+04	2.5178830E+04	2.5191744E+04
2.5191838E+04	4.3340400E-02	5.9894904E-02		
1.945709E+03	2.5177539E+04	2.5182363E+04	2.5178820E+04	2.5191273E+04
2.5157631E+04	4.1646734E-02	6.1196424E-02		
1.950755E+03	2.5177793E+04	2.5184535E+04	2.5181807E+04	2.5186430E+04
2.5160363E+04	3.7488699E-02	5.8672838E-02		
1.955762E+03	2.5181820E+04	2.5181211E+04	2.5174773E+04	2.5163408E+04
2.5135053E+04	4.0837292E-02	5.4855358E-02		
1.960784E+03	2.5122336E+04	2.5126584E+04	2.5122908E+04	2.5138844E+04
2.5129549E+04	5.8031492E-02	6.5094061E-02		
1.965832E+03	2.5129275E+04	2.5134025E+04	2.5130377E+04	2.5142131E+04
2.5122730E+04	4.5861214E-02	7.0762783E-02		
1.970878E+03	2.5129982E+04	2.5136340E+04	2.5133535E+04	2.5138717E+04
2.5101900E+04	2.6689552E-02	5.8653276E-02		
1.975889E+03	2.5166521E+04	2.5166518E+04	2.5160125E+04	2.5142500E+04
2.5074303E+04	3.7947677E-02	5.1678639E-02		
1.980934E+03	2.5137449E+04	2.5141812E+04	2.5137635E+04	2.5146412E+04
2.5038549E+04	4.5194808E-02	5.6117028E-02		
1.985934E+03	2.5244809E+04	2.5249215E+04	2.5243465E+04	2.5263312E+04
2.4761578E+04	4.0036019E-02	5.8730271E-02		
1.990934E+03	2.5247988E+04	2.5255918E+04	2.5251602E+04	2.5391752E+04
2.4585094E+04	3.5896506E-02	5.4529410E-02		
1.995934E+03	2.4912518E+04	2.4914645E+04	2.4907264E+04	2.5089162E+04
2.4510203E+04	1.1727693E-01	7.9048894E-02		
2.000034E+03	2.4719791E+04	2.4723969E+04	2.4718080E+04	2.4878865E+04
2.4316002E+04	1.9648130E-01	1.4652519E-01		

TIME (sec)	P993106	P992306	P992206	P993206
P993306	P993406	P992101		
1.000000E-10	1.0385700E+05	1.0406800E+05	1.0411901E+05	1.0384700E+05
1.0382600E+05	1.0378800E+05	7.1710000E+06		
1.003469E-01	1.0500100E+05	1.0447687E+05	1.0442670E+05	1.0499989E+05
1.0498791E+05	1.0491520E+05	7.1637765E+06		
2.016405E-01	1.0785537E+05	1.0656909E+05	1.0654249E+05	1.0792466E+05
1.0807795E+05	1.0805342E+05	7.1614255E+06		
3.143499E-01	1.1388113E+05	1.1345675E+05	1.1330034E+05	1.1390971E+05
1.1399530E+05	1.1396790E+05	7.1562575E+06		
4.176774E-01	1.1920920E+05	1.2089221E+05	1.2089362E+05	1.1917557E+05
1.1913213E+05	1.1910662E+05	7.1508560E+06		
5.179474E-01	1.2483491E+05	1.2482817E+05	1.2479646E+05	1.2483559E+05
1.2485449E+05	1.2482779E+05	7.1461050E+06		
6.236274E-01	1.3083454E+05	1.3040054E+05	1.3029363E+05	1.3084557E+05
1.3090205E+05	1.3087566E+05	7.1408215E+06		
7.657229E-01	1.3868319E+05	1.3943144E+05	1.3940200E+05	1.3866725E+05
1.3867253E+05	1.3863967E+05	7.1326610E+06		

8.878756E-01	1.4533608E+05	1.4577631E+05	1.4574895E+05	1.4532481E+05
1.4533216E+05	1.4530044E+05	7.1255835E+06		
9.933645E-01	1.5089230E+05	1.5123167E+05	1.5120370E+05	1.5088730E+05
1.5090038E+05	1.5085602E+05	7.1195550E+06		
1.524044E+00	1.7532105E+05	1.7573467E+05	1.7574377E+05	1.7531208E+05
1.7531011E+05	1.7526441E+05	7.0914220E+06		
2.030162E+00	1.9593172E+05	1.9656533E+05	1.9659477E+05	1.9591800E+05
1.9590075E+05	1.9584952E+05	7.0644200E+06		
2.550346E+00	2.1335966E+05	2.1429866E+05	2.1436720E+05	2.1333545E+05
2.1329069E+05	2.1323748E+05	7.0278150E+06		
3.062366E+00	2.2438941E+05	2.2553895E+05	2.2565611E+05	2.2434722E+05
2.2426419E+05	2.2419995E+05	6.9926515E+06		
3.562366E+00	2.3065194E+05	2.3213567E+05	2.3227816E+05	2.3059569E+05
2.3048005E+05	2.3042017E+05	6.9240325E+06		
4.082775E+00	2.3407605E+05	2.3523073E+05	2.3535823E+05	2.3402003E+05
2.3387884E+05	2.3382995E+05	6.8380945E+06		
4.604100E+00	2.3542916E+05	2.3663373E+05	2.3677334E+05	2.3538908E+05
2.3525981E+05	2.3520695E+05	6.7607530E+06		
5.125216E+00	2.3623430E+05	2.3753689E+05	2.3770550E+05	2.3620414E+05
2.3611605E+05	2.3605869E+05	6.6894765E+06		
5.625216E+00	2.3758488E+05	2.3872792E+05	2.3908823E+05	2.3755628E+05
2.3747322E+05	2.3742298E+05	6.6265310E+06		
6.125216E+00	2.4042575E+05	2.4144161E+05	2.4185569E+05	2.4039988E+05
2.4031230E+05	2.4026378E+05	6.5700280E+06		
6.625216E+00	2.4530314E+05	2.4626442E+05	2.4671805E+05	2.4527089E+05
2.4516722E+05	2.4511733E+05	6.5184640E+06		
7.125216E+00	2.5138366E+05	2.5241753E+05	2.5285752E+05	2.5134270E+05
2.5122597E+05	2.5117844E+05	6.4743145E+06		
7.625216E+00	2.5555745E+05	2.5667038E+05	2.5704930E+05	2.5550758E+05
2.5537203E+05	2.5532719E+05	6.4387520E+06		
8.125216E+00	2.5696100E+05	2.5797116E+05	2.5828177E+05	2.5692034E+05
2.5680297E+05	2.5675795E+05	6.4086470E+06		
8.625216E+00	2.5798603E+05	2.5899448E+05	2.5927984E+05	2.5794878E+05
2.5784353E+05	2.5780431E+05	6.3913300E+06		
9.146049E+00	2.5831256E+05	2.5935756E+05	2.5965253E+05	2.5828044E+05
2.5819172E+05	2.5815692E+05	6.4027460E+06		
9.646049E+00	2.5698330E+05	2.5799545E+05	2.5830033E+05	2.5695564E+05
2.5688342E+05	2.5685425E+05	6.4240770E+06		
1.014605E+01	2.5509664E+05	2.5607777E+05	2.5637402E+05	2.5506822E+05
2.5499558E+05	2.5496741E+05	6.4364270E+06		
1.064605E+01	2.5267967E+05	2.5363314E+05	2.5391452E+05	2.5265442E+05
2.5259312E+05	2.5256667E+05	6.4351955E+06		
1.114605E+01	2.4992848E+05	2.5085050E+05	2.5111202E+05	2.4990194E+05
2.4984081E+05	2.4981567E+05	6.4215160E+06		
1.164605E+01	2.4712323E+05	2.4799786E+05	2.4823594E+05	2.4709700E+05
2.4703756E+05	2.4701158E+05	6.4103575E+06		
1.214605E+01	2.4448762E+05	2.4532069E+05	2.4553430E+05	2.4446416E+05
2.4441144E+05	2.4438519E+05	6.3906345E+06		
1.264605E+01	2.4226177E+05	2.4305723E+05	2.4324852E+05	2.4223903E+05
2.4218805E+05	2.4215950E+05	6.3614985E+06		
1.314605E+01	2.4058342E+05	2.4134852E+05	2.4151922E+05	2.4056264E+05
2.4051633E+05	2.4048756E+05	6.3354735E+06		
1.364605E+01	2.3941106E+05	2.4013795E+05	2.4028911E+05	2.3939145E+05
2.3934792E+05	2.3931903E+05	6.2823460E+06		
1.414605E+01	2.3875728E+05	2.3944859E+05	2.3957981E+05	2.3873864E+05
2.3869753E+05	2.3866814E+05	6.2304820E+06		

1.464605E+01 2.3874700E+05 2.3941156E+05 2.3952217E+05 2.3872862E+05
2.3868920E+05 2.3865880E+05 6.1690065E+06
1.514605E+01 2.3948309E+05 2.4012659E+05 2.4021670E+05 2.3946478E+05
2.3942598E+05 2.3939267E+05 6.1031405E+06
1.564605E+01 2.4099623E+05 2.4161756E+05 2.4169130E+05 2.4097836E+05
2.4094019E+05 2.4090381E+05 6.0402480E+06
1.614605E+01 2.4307445E+05 2.4368109E+05 2.4374352E+05 2.4305681E+05
2.4301900E+05 2.4298008E+05 5.9793825E+06
1.664605E+01 2.4541000E+05 2.4601122E+05 2.4606480E+05 2.4539206E+05
2.4535280E+05 2.4531298E+05 5.9199100E+06
1.714605E+01 2.4764470E+05 2.4822262E+05 2.4826844E+05 2.4762772E+05
2.4759020E+05 2.4754941E+05 5.8606095E+06
1.764605E+01 2.5000725E+05 2.5057158E+05 2.5061036E+05 2.4999069E+05
2.4995378E+05 2.4991189E+05 5.8035120E+06
1.814605E+01 2.5257738E+05 2.5313148E+05 2.5316439E+05 2.5256097E+05
2.5252403E+05 2.5248109E+05 5.7545675E+06
1.864605E+01 2.5533022E+05 2.5587273E+05 2.5590167E+05 2.5531378E+05
2.5527659E+05 2.5523262E+05 5.6993125E+06
1.914605E+01 2.5819878E+05 2.5872498E+05 2.5875217E+05 2.5818300E+05
2.5814714E+05 2.5810216E+05 5.6517285E+06
1.964605E+01 2.6101017E+05 2.6153942E+05 2.6156734E+05 2.6099398E+05
2.6095667E+05 2.6091188E+05 5.6103185E+06
2.014605E+01 2.6359962E+05 2.6412294E+05 2.6415178E+05 2.6358362E+05
2.6354659E+05 2.6350162E+05 5.5698050E+06
2.064605E+01 2.6581188E+05 2.6632972E+05 2.6635931E+05 2.6579609E+05
2.6575953E+05 2.6571375E+05 5.5343610E+06
2.114605E+01 2.6757775E+05 2.6809291E+05 2.6812319E+05 2.6756191E+05
2.6752512E+05 2.6747941E+05 5.5027005E+06
2.164605E+01 2.6888988E+05 2.6940100E+05 2.6943209E+05 2.6887409E+05
2.6883738E+05 2.6879141E+05 5.4738410E+06
2.214605E+01 2.6982100E+05 2.7032800E+05 2.7035988E+05 2.6980553E+05
2.6976919E+05 2.6972309E+05 5.4493735E+06
2.266648E+01 2.7055406E+05 2.7105666E+05 2.7108953E+05 2.7053812E+05
2.7050206E+05 2.7045575E+05 5.4247940E+06
2.318409E+01 2.7115834E+05 2.7166047E+05 2.7169425E+05 2.7114222E+05
2.7110619E+05 2.7105956E+05 5.4011060E+06
2.368409E+01 2.7160838E+05 2.7210978E+05 2.7214503E+05 2.7159219E+05
2.7155706E+05 2.7151038E+05 5.3791395E+06
2.418409E+01 2.7195434E+05 2.7245438E+05 2.7249172E+05 2.7193806E+05
2.7190341E+05 2.7185650E+05 5.3540345E+06
2.468420E+01 2.7217019E+05 2.7267172E+05 2.7271181E+05 2.7215375E+05
2.7211938E+05 2.7207219E+05 5.3290970E+06
2.518866E+01 2.7230478E+05 2.7281253E+05 2.7285441E+05 2.7228850E+05
2.7225503E+05 2.7220753E+05 5.3023390E+06
2.570592E+01 2.7240516E+05 2.7291684E+05 2.7295959E+05 2.7238850E+05
2.7235434E+05 2.7230706E+05 5.2749440E+06
2.622136E+01 2.7255272E+05 2.7307919E+05 2.7313725E+05 2.7253544E+05
2.7249919E+05 2.7245491E+05 5.2471830E+06
2.673972E+01 2.7253812E+05 2.7306847E+05 2.7312547E+05 2.7252156E+05
2.7248759E+05 2.7244059E+05 5.2219985E+06
2.724740E+01 2.7254406E+05 2.7308028E+05 2.7313959E+05 2.7252781E+05
2.7249412E+05 2.7244728E+05 5.1978215E+06
2.776852E+01 2.7257422E+05 2.7312875E+05 2.7319056E+05 2.7255828E+05
2.7252456E+05 2.7247781E+05 5.1731300E+06
2.828743E+01 2.7262566E+05 2.7317534E+05 2.7324406E+05 2.7260956E+05
2.7257516E+05 2.7252831E+05 5.1479790E+06

2.878743E+01	2.7277141E+05	2.7332531E+05	2.7339544E+05	2.7275534E+05
2.7272088E+05	2.7267391E+05	5.1233220E+06		
2.928743E+01	2.7298984E+05	2.7355903E+05	2.7363041E+05	2.7297378E+05
2.7293941E+05	2.7289231E+05	5.0982335E+06		
2.978743E+01	2.7325703E+05	2.7382594E+05	2.7389931E+05	2.7324062E+05
2.7320544E+05	2.7315825E+05	5.0729760E+06		
3.028743E+01	2.7353953E+05	2.7411447E+05	2.7418925E+05	2.7352312E+05
2.7348775E+05	2.7344047E+05	5.0475480E+06		
3.078743E+01	2.7384162E+05	2.7442362E+05	2.7449997E+05	2.7382512E+05
2.7378962E+05	2.7374222E+05	5.0220865E+06		
3.128743E+01	2.7415706E+05	2.7474888E+05	2.7482634E+05	2.7414053E+05
2.7410481E+05	2.7405750E+05	4.9968675E+06		
3.178743E+01	2.7449338E+05	2.7509141E+05	2.7516953E+05	2.7447669E+05
2.7444053E+05	2.7439312E+05	4.9705890E+06		
3.228743E+01	2.7485800E+05	2.7546241E+05	2.7554119E+05	2.7484119E+05
2.7480478E+05	2.7475728E+05	4.9441945E+06		
3.278743E+01	2.7524897E+05	2.7585794E+05	2.7593738E+05	2.7523200E+05
2.7519519E+05	2.7514756E+05	4.9180130E+06		
3.328743E+01	2.7565434E+05	2.7626756E+05	2.7634772E+05	2.7563719E+05
2.7560019E+05	2.7555250E+05	4.8916525E+06		
3.378743E+01	2.7607069E+05	2.7668644E+05	2.7676703E+05	2.7605334E+05
2.7601594E+05	2.7596806E+05	4.8685670E+06		
3.428743E+01	2.7652203E+05	2.7714006E+05	2.7722091E+05	2.7650462E+05
2.7646694E+05	2.7641888E+05	4.8427260E+06		
3.478743E+01	2.7705019E+05	2.7767291E+05	2.7775416E+05	2.7703256E+05
2.7699456E+05	2.7694622E+05	4.8130735E+06		
3.528743E+01	2.7760816E+05	2.7823562E+05	2.7831791E+05	2.7759038E+05
2.7755197E+05	2.7750366E+05	4.7819085E+06		
3.578743E+01	2.7814156E+05	2.7877128E+05	2.7885509E+05	2.7812362E+05
2.7808491E+05	2.7803644E+05	4.7497025E+06		
3.628743E+01	2.7862534E+05	2.7925609E+05	2.7934172E+05	2.7860719E+05
2.7856806E+05	2.7851959E+05	4.7178410E+06		
3.678743E+01	2.7902794E+05	2.7965984E+05	2.7974738E+05	2.7900950E+05
2.7897012E+05	2.7892138E+05	4.6871985E+06		
3.728743E+01	2.7934050E+05	2.7997375E+05	2.8006297E+05	2.7932141E+05
2.7928072E+05	2.7923175E+05	4.6574070E+06		
3.778743E+01	2.7957412E+05	2.8021088E+05	2.8030169E+05	2.7955525E+05
2.7951491E+05	2.7946566E+05	4.6270600E+06		
3.830806E+01	2.7978484E+05	2.8042506E+05	2.8051722E+05	2.7976562E+05
2.7972469E+05	2.7967491E+05	4.5957025E+06		
3.880806E+01	2.8000256E+05	2.8064844E+05	2.8074181E+05	2.7998319E+05
2.7994181E+05	2.7989166E+05	4.5652815E+06		
3.930806E+01	2.8023203E+05	2.8088341E+05	2.8097772E+05	2.8021231E+05
2.8017006E+05	2.8012009E+05	4.5349890E+06		
3.983299E+01	2.8049169E+05	2.8115569E+05	2.8125125E+05	2.8047147E+05
2.8042894E+05	2.8037841E+05	4.5034500E+06		
4.034888E+01	2.8071147E+05	2.8139216E+05	2.8148944E+05	2.8069081E+05
2.8064747E+05	2.8059675E+05	4.4710765E+06		
4.086869E+01	2.8090856E+05	2.8158769E+05	2.8168638E+05	2.8088803E+05
2.8084581E+05	2.8079438E+05	4.4409785E+06		
4.137451E+01	2.8113809E+05	2.8183069E+05	2.8193162E+05	2.8111681E+05
2.8107378E+05	2.8102266E+05	4.4122635E+06		
4.188536E+01	2.8136444E+05	2.8206244E+05	2.8216541E+05	2.8134284E+05
2.8129969E+05	2.8124853E+05	4.3824560E+06		
4.239460E+01	2.8166234E+05	2.8236434E+05	2.8246859E+05	2.8164078E+05
2.8159725E+05	2.8154591E+05	4.3525485E+06		

4.290141E+01	2.8201678E+05	2.8272369E+05	2.8282881E+05	2.8199519E+05
2.8195078E+05	2.8189969E+05	4.3218410E+06		
4.340367E+01	2.8244325E+05	2.8315244E+05	2.8325841E+05	2.8242194E+05
2.8237750E+05	2.8232538E+05	4.2906200E+06		
4.391029E+01	2.8298134E+05	2.8369438E+05	2.8380112E+05	2.8295978E+05
2.8291434E+05	2.8286259E+05	4.2609695E+06		
4.442013E+01	2.8359662E+05	2.8431397E+05	2.8442225E+05	2.8357522E+05
2.8352944E+05	2.8347650E+05	4.2308515E+06		
4.493227E+01	2.8429056E+05	2.8501291E+05	2.8512247E+05	2.8426881E+05
2.8422247E+05	2.8416925E+05	4.2003515E+06		
4.543827E+01	2.8502241E+05	2.8574700E+05	2.8585772E+05	2.8500050E+05
2.8495369E+05	2.8490009E+05	4.1699752E+06		
4.593893E+01	2.8574562E+05	2.8647491E+05	2.8658694E+05	2.8572372E+05
2.8567650E+05	2.8562262E+05	4.1415065E+06		
4.644418E+01	2.8642600E+05	2.8716228E+05	2.8727597E+05	2.8640412E+05
2.8635603E+05	2.8630278E+05	4.1145178E+06		
4.695213E+01	2.8705612E+05	2.8780062E+05	2.8791650E+05	2.8703412E+05
2.8698597E+05	2.8693206E+05	4.0886942E+06		
4.745940E+01	2.8760603E+05	2.8834903E+05	2.8846559E+05	2.8758388E+05
2.8753547E+05	2.8748156E+05	4.0632510E+06		
4.797015E+01	2.8807816E+05	2.8881428E+05	2.8892959E+05	2.8805606E+05
2.8800797E+05	2.8795338E+05	4.0378455E+06		
4.847311E+01	2.8845588E+05	2.8919756E+05	2.8931094E+05	2.8843341E+05
2.8838491E+05	2.8833128E+05	4.0134680E+06		
4.898312E+01	2.8874394E+05	2.8948991E+05	2.8960356E+05	2.8872162E+05
2.8867297E+05	2.8861916E+05	3.9891502E+06		
4.948804E+01	2.8895388E+05	2.8970038E+05	2.8981569E+05	2.8893150E+05
2.8888281E+05	2.8882950E+05	3.9658678E+06		
4.999225E+01	2.8910953E+05	2.8985466E+05	2.8997191E+05	2.8908716E+05
2.8903809E+05	2.8898550E+05	3.9398385E+06		
5.049424E+01	2.8921828E+05	2.8996078E+05	2.9007897E+05	2.8919600E+05
2.8914712E+05	2.8909375E+05	3.9197175E+06		
5.099622E+01	2.8928762E+05	2.9003119E+05	2.9014988E+05	2.8926538E+05
2.8921672E+05	2.8916328E+05	3.8957765E+06		
5.149626E+01	2.8931784E+05	2.9006362E+05	2.9018234E+05	2.8929553E+05
2.8924662E+05	2.8919344E+05	3.8716138E+06		
5.199947E+01	2.8931956E+05	2.9006694E+05	2.9018553E+05	2.8929731E+05
2.8924853E+05	2.8919538E+05	3.8483392E+06		
5.250106E+01	2.8929400E+05	2.9004072E+05	2.9015903E+05	2.8927203E+05
2.8922406E+05	2.8917034E+05	3.8272012E+06		
5.300600E+01	2.8923688E+05	2.8998531E+05	2.9010344E+05	2.8921481E+05
2.8916622E+05	2.8911309E+05	3.8040448E+06		
5.351564E+01	2.8915094E+05	2.8990000E+05	2.9001778E+05	2.8912884E+05
2.8908025E+05	2.8902741E+05	3.7815032E+06		
5.402672E+01	2.8903988E+05	2.8978931E+05	2.8990688E+05	2.8901784E+05
2.8896922E+05	2.8891638E+05	3.7582242E+06		
5.452872E+01	2.8892459E+05	2.8967088E+05	2.8978778E+05	2.8890250E+05
2.8885378E+05	2.8880150E+05	3.7361218E+06		
5.503849E+01	2.8880525E+05	2.8954759E+05	2.8966353E+05	2.8878334E+05
2.8873506E+05	2.8868256E+05	3.7135370E+06		
5.554660E+01	2.8870075E+05	2.8943966E+05	2.8955472E+05	2.8867916E+05
2.8863184E+05	2.8857853E+05	3.6904342E+06		
5.606082E+01	2.8858934E+05	2.8932675E+05	2.8944078E+05	2.8856769E+05
2.8851988E+05	2.8846747E+05	3.6683222E+06		
5.657179E+01	2.8845888E+05	2.8919319E+05	2.8930588E+05	2.8843728E+05
2.8838972E+05	2.8833738E+05	3.6475608E+06		

5.707279E+01	2.8832978E+05	2.8906384E+05	2.8917541E+05	2.8830844E+05
2.8826141E+05	2.8820822E+05	3.6283280E+06		
5.758298E+01	2.8823044E+05	2.8896334E+05	2.8907378E+05	2.8820928E+05
2.8816294E+05	2.8810931E+05	3.6095405E+06		
5.810007E+01	2.8817966E+05	2.8891122E+05	2.8902053E+05	2.8815847E+05
2.8811169E+05	2.8805856E+05	3.5904315E+06		
5.860656E+01	2.8819188E+05	2.8892034E+05	2.8902862E+05	2.8817088E+05
2.8812478E+05	2.8807119E+05	3.5707230E+06		
5.912025E+01	2.8826488E+05	2.8899219E+05	2.8909959E+05	2.8824378E+05
2.8819738E+05	2.8814412E+05	3.5517390E+06		
5.962025E+01	2.8839328E+05	2.8911772E+05	2.8922506E+05	2.8837231E+05
2.8832616E+05	2.8827306E+05	3.5336340E+06		
6.012025E+01	2.8856456E+05	2.8928688E+05	2.8939416E+05	2.8854366E+05
2.8849772E+05	2.8844450E+05	3.5155505E+06		
6.062025E+01	2.8878862E+05	2.8950609E+05	2.8961288E+05	2.8876778E+05
2.8872175E+05	2.8866866E+05	3.4972285E+06		
6.112025E+01	2.8908575E+05	2.8979916E+05	2.8990528E+05	2.8906512E+05
2.8901984E+05	2.8896603E+05	3.4787725E+06		
6.162025E+01	2.8944506E+05	2.9015397E+05	2.9025909E+05	2.8942450E+05
2.8937938E+05	2.8932544E+05	3.4599942E+06		
6.212025E+01	2.8986041E+05	2.9056672E+05	2.9067072E+05	2.8983988E+05
2.8979462E+05	2.8974091E+05	3.4408158E+06		
6.262025E+01	2.9031694E+05	2.9101741E+05	2.9112006E+05	2.9029666E+05
2.9025197E+05	2.9019791E+05	3.4212608E+06		
6.312025E+01	2.9079759E+05	2.9149397E+05	2.9159500E+05	2.9077728E+05
2.9073256E+05	2.9067866E+05	3.4013868E+06		
6.362025E+01	2.9129816E+05	2.9198897E+05	2.9208828E+05	2.9127800E+05
2.9123353E+05	2.9117959E+05	3.3811485E+06		
6.412025E+01	2.9179169E+05	2.9247659E+05	2.9257397E+05	2.9177172E+05
2.9172750E+05	2.9167362E+05	3.3608130E+06		
6.462025E+01	2.9225344E+05	2.9293184E+05	2.9302759E+05	2.9223359E+05
2.9218972E+05	2.9213600E+05	3.3404392E+06		
6.514344E+01	2.9267488E+05	2.9334666E+05	2.9344091E+05	2.9265512E+05
2.9261156E+05	2.9255803E+05	3.3190260E+06		
6.566270E+01	2.9302331E+05	2.9368694E+05	2.9378003E+05	2.9300378E+05
2.9296062E+05	2.9290719E+05	3.2977882E+06		
6.618295E+01	2.9329675E+05	2.9395334E+05	2.9404550E+05	2.9327744E+05
2.9323466E+05	2.9318153E+05	3.2767162E+06		
6.668818E+01	2.9349219E+05	2.9413803E+05	2.9422928E+05	2.9347306E+05
2.9343062E+05	2.9337775E+05	3.2562765E+06		
6.719306E+01	2.9364138E+05	2.9428031E+05	2.9437075E+05	2.9362250E+05
2.9358041E+05	2.9352759E+05	3.2362920E+06		
6.770707E+01	2.9374438E+05	2.9437325E+05	2.9446297E+05	2.9372572E+05
2.9368412E+05	2.9363134E+05	3.2170150E+06		
6.821601E+01	2.9380488E+05	2.9442441E+05	2.9451319E+05	2.9378634E+05
2.9374506E+05	2.9369212E+05	3.1977652E+06		
6.872067E+01	2.9382856E+05	2.9443903E+05	2.9452662E+05	2.9381019E+05
2.9376916E+05	2.9371628E+05	3.1786108E+06		
6.922510E+01	2.9381825E+05	2.9441950E+05	2.9450544E+05	2.9380012E+05
2.9375956E+05	2.9370666E+05	3.1595265E+06		
6.973701E+01	2.9381569E+05	2.9441662E+05	2.9450091E+05	2.9379753E+05
2.9375703E+05	2.9370425E+05	3.1388000E+06		
7.023885E+01	2.9376919E+05	2.9435369E+05	2.9443572E+05	2.9375150E+05
2.9371194E+05	2.9365950E+05	3.1183820E+06		
7.074079E+01	2.9357431E+05	2.9414253E+05	2.9422266E+05	2.9355706E+05
2.9351847E+05	2.9346628E+05	3.0985008E+06		

7.124079E+01	2.9349566E+05	2.9405588E+05	2.9413403E+05	2.9347859E+05
2.9344056E+05	2.9338844E+05	3.0779768E+06		
7.175066E+01	2.9344872E+05	2.9399138E+05	2.9406791E+05	2.9343197E+05
2.9339481E+05	2.9334288E+05	3.0570075E+06		
7.227091E+01	2.9341256E+05	2.9394484E+05	2.9402094E+05	2.9339578E+05
2.9335866E+05	2.9330669E+05	3.0357335E+06		
7.277091E+01	2.9336153E+05	2.9387838E+05	2.9395209E+05	2.9334484E+05
2.9330788E+05	2.9325556E+05	3.0168670E+06		
7.327091E+01	2.9332966E+05	2.9383903E+05	2.9391103E+05	2.9331303E+05
2.9327612E+05	2.9322381E+05	2.9980560E+06		
7.377091E+01	2.9328609E+05	2.9378619E+05	2.9385716E+05	2.9326972E+05
2.9323319E+05	2.9318084E+05	2.9799282E+06		
7.427091E+01	2.9307228E+05	2.9356578E+05	2.9363612E+05	2.9305588E+05
2.9301903E+05	2.9296659E+05	2.9661280E+06		
7.478299E+01	2.9486819E+05	2.9541303E+05	2.9548050E+05	2.9484978E+05
2.9480894E+05	2.9475319E+05	2.9445655E+06		
7.528299E+01	2.9819419E+05	2.9869159E+05	2.9875753E+05	2.9817666E+05
2.9813709E+05	2.9807975E+05	2.9202665E+06		
7.578299E+01	3.0097981E+05	3.0147503E+05	3.0154166E+05	3.0096234E+05
3.0092250E+05	3.0086472E+05	2.8965905E+06		
7.628299E+01	3.0326191E+05	3.0377291E+05	3.0384031E+05	3.0324381E+05
3.0320388E+05	3.0314600E+05	2.8736455E+06		
7.678299E+01	3.0482931E+05	3.0534659E+05	3.0541562E+05	3.0481162E+05
3.0477259E+05	3.0471503E+05	2.8512482E+06		
7.728299E+01	3.0577956E+05	3.0630494E+05	3.0637472E+05	3.0576097E+05
3.0572000E+05	3.0566275E+05	2.8289942E+06		
7.778299E+01	3.0631003E+05	3.0685481E+05	3.0692669E+05	3.0629222E+05
3.0625316E+05	3.0619672E+05	2.8072192E+06		
7.830791E+01	3.0630894E+05	3.0686753E+05	3.0694209E+05	3.0629066E+05
3.0625184E+05	3.0619600E+05	2.7851800E+06		
7.880791E+01	3.0590159E+05	3.0647666E+05	3.0655412E+05	3.0588294E+05
3.0584444E+05	3.0578934E+05	2.7648872E+06		
7.930791E+01	3.0513847E+05	3.0572347E+05	3.0580381E+05	3.0511956E+05
3.0508103E+05	3.0502653E+05	2.7447110E+06		
7.980791E+01	3.0409241E+05	3.0469016E+05	3.0477291E+05	3.0407331E+05
3.0403494E+05	3.0398078E+05	2.7247638E+06		
8.030791E+01	3.0282906E+05	3.0343466E+05	3.0351944E+05	3.0280950E+05
3.0277069E+05	3.0271675E+05	2.7049955E+06		
8.080791E+01	3.0148300E+05	3.0209738E+05	3.0218431E+05	3.0146341E+05
3.0142525E+05	3.0137175E+05	2.6856332E+06		
8.130791E+01	3.0008731E+05	3.0071081E+05	3.0079956E+05	3.0006738E+05
3.0002897E+05	2.9997559E+05	2.6665902E+06		
8.180791E+01	2.9870919E+05	2.9934044E+05	2.9943122E+05	2.9868919E+05
2.9865069E+05	2.9859756E+05	2.6478025E+06		
8.230791E+01	2.9742281E+05	2.9805869E+05	2.9815106E+05	2.9740309E+05
2.9736488E+05	2.9731206E+05	2.6291950E+06		
8.280791E+01	2.9625503E+05	2.9689525E+05	2.9698953E+05	2.9623544E+05
2.9619703E+05	2.9614431E+05	2.6109075E+06		
8.330791E+01	2.9521653E+05	2.9586025E+05	2.9595659E+05	2.9519722E+05
2.9515847E+05	2.9510588E+05	2.5928708E+06		
8.380791E+01	2.9432544E+05	2.9497281E+05	2.9507125E+05	2.9430653E+05
2.9426753E+05	2.9421481E+05	2.5749348E+06		
8.430791E+01	2.9359838E+05	2.9424900E+05	2.9434925E+05	2.9357978E+05
2.9354056E+05	2.9348791E+05	2.5568952E+06		
8.483009E+01	2.9303000E+05	2.9368409E+05	2.9378556E+05	2.9301147E+05
2.9297188E+05	2.9291900E+05	2.5383412E+06		

8.533189E+01	2.9266466E+05	2.9332125E+05	2.9342338E+05	2.9264600E+05
2.9260591E+05	2.9255278E+05	2.5207358E+06		
8.583189E+01	2.9246706E+05	2.9312366E+05	2.9322625E+05	2.9244847E+05
2.9240806E+05	2.9235459E+05	2.5032818E+06		
8.634407E+01	2.9241028E+05	2.9306984E+05	2.9317288E+05	2.9239156E+05
2.9235106E+05	2.9229728E+05	2.4856835E+06		
8.686680E+01	2.9238925E+05	2.9305047E+05	2.9315378E+05	2.9237003E+05
2.9232969E+05	2.9227559E+05	2.4680422E+06		
8.738983E+01	2.9261681E+05	2.9328259E+05	2.9338544E+05	2.9259759E+05
2.9255725E+05	2.9250319E+05	2.4498888E+06		
8.789572E+01	2.9293106E+05	2.9359691E+05	2.9369881E+05	2.9291075E+05
2.9286866E+05	2.9281403E+05	2.4324780E+06		
8.841684E+01	2.9348225E+05	2.9415297E+05	2.9425428E+05	2.9346231E+05
2.9342097E+05	2.9336616E+05	2.4128188E+06		
8.892328E+01	2.9417128E+05	2.9484222E+05	2.9494356E+05	2.9415131E+05
2.9410994E+05	2.9405469E+05	2.3978975E+06		
8.943372E+01	2.9496434E+05	2.9563828E+05	2.9574062E+05	2.9494425E+05
2.9490259E+05	2.9484722E+05	2.3826295E+06		
8.995622E+01	2.9571178E+05	2.9638281E+05	2.9648603E+05	2.9569169E+05
2.9564994E+05	2.9559444E+05	2.3652540E+06		
9.045622E+01	2.9636853E+05	2.9703906E+05	2.9714278E+05	2.9634838E+05
2.9630638E+05	2.9625078E+05	2.3490260E+06		
9.096755E+01	2.9696531E+05	2.9763416E+05	2.9773822E+05	2.9694512E+05
2.9690316E+05	2.9684744E+05	2.3327902E+06		
9.146755E+01	2.9749438E+05	2.9816344E+05	2.9826788E+05	2.9747416E+05
2.9743216E+05	2.9737638E+05	2.3177142E+06		
9.196755E+01	2.9793797E+05	2.9860800E+05	2.9871272E+05	2.9791794E+05
2.9787625E+05	2.9782050E+05	2.3026675E+06		
9.248622E+01	2.9819191E+05	2.9885925E+05	2.9896375E+05	2.9817194E+05
2.9813003E+05	2.9807444E+05	2.2871040E+06		
9.299437E+01	2.9843072E+05	2.9910244E+05	2.9920591E+05	2.9841147E+05
2.9837138E+05	2.9831597E+05	2.2721452E+06		
9.350123E+01	2.9859159E+05	2.9926225E+05	2.9936438E+05	2.9857197E+05
2.9853097E+05	2.9847541E+05	2.2565528E+06		
9.401919E+01	2.9873581E+05	2.9940253E+05	2.9950344E+05	2.9871581E+05
2.9867409E+05	2.9861875E+05	2.2401878E+06		
9.453943E+01	2.9891153E+05	2.9958038E+05	2.9968034E+05	2.9889147E+05
2.9884953E+05	2.9879419E+05	2.2243618E+06		
9.504118E+01	2.9904009E+05	2.9970750E+05	2.9980606E+05	2.9902019E+05
2.9897834E+05	2.9892325E+05	2.2098762E+06		
9.554896E+01	2.9912034E+05	2.9978544E+05	2.9988300E+05	2.9910059E+05
2.9905897E+05	2.9900356E+05	2.1946975E+06		
9.604896E+01	2.9914269E+05	2.9980741E+05	2.9990459E+05	2.9912300E+05
2.9908144E+05	2.9902606E+05	2.1790652E+06		
9.654896E+01	2.9911294E+05	2.9977525E+05	2.9987262E+05	2.9909331E+05
2.9905188E+05	2.9899656E+05	2.1642022E+06		
9.706335E+01	2.9903003E+05	2.9968981E+05	2.9978781E+05	2.9901056E+05
2.9896925E+05	2.9891406E+05	2.1483875E+06		
9.758144E+01	2.9888947E+05	2.9954809E+05	2.9964656E+05	2.9887016E+05
2.9882894E+05	2.9877372E+05	2.1329668E+06		
9.808710E+01	2.9871381E+05	2.9937116E+05	2.9947031E+05	2.9869456E+05
2.9865356E+05	2.9859834E+05	2.1184238E+06		
9.859486E+01	2.9848975E+05	2.9914569E+05	2.9924538E+05	2.9847066E+05
2.9843003E+05	2.9837484E+05	2.1045495E+06		
9.910259E+01	2.9820694E+05	2.9886100E+05	2.9896078E+05	2.9818781E+05
2.9814738E+05	2.9809225E+05	2.0908845E+06		

9.960883E+01 2.9795297E+05 2.9860344E+05 2.9870188E+05 2.9793350E+05
2.9789188E+05 2.9783662E+05 2.0773094E+06
1.050470E+02 2.9675347E+05 2.9740962E+05 2.9750472E+05 2.9673431E+05
2.9669328E+05 2.9663794E+05 1.9496164E+06
1.100490E+02 2.9515794E+05 2.9582091E+05 2.9591472E+05 2.9513912E+05
2.9509816E+05 2.9504256E+05 1.8390891E+06
1.150536E+02 2.9437978E+05 2.9503519E+05 2.9513388E+05 2.9436109E+05
2.9432038E+05 2.9426462E+05 1.7291434E+06
1.200844E+02 2.9284172E+05 2.9348775E+05 2.9358216E+05 2.9282331E+05
2.9278322E+05 2.9272772E+05 1.6293401E+06
1.251066E+02 2.9296850E+05 2.9362653E+05 2.9371900E+05 2.9294962E+05
2.9290919E+05 2.9285244E+05 1.5379649E+06
1.301141E+02 2.9934309E+05 2.9998516E+05 3.0008009E+05 2.9932462E+05
2.9928447E+05 2.9922825E+05 1.4348080E+06
1.351283E+02 2.9842762E+05 2.9905819E+05 2.9915188E+05 2.9840972E+05
2.9837003E+05 2.9831397E+05 1.3521026E+06
1.401329E+02 2.9527281E+05 2.9589634E+05 2.9598866E+05 2.9525516E+05
2.9521584E+05 2.9516022E+05 1.2854028E+06
1.451352E+02 2.9270588E+05 2.9332194E+05 2.9341288E+05 2.9268838E+05
2.9264938E+05 2.9259372E+05 1.2241239E+06
1.501399E+02 2.9216166E+05 2.9277303E+05 2.9286553E+05 2.9214425E+05
2.9210553E+05 2.9204981E+05 1.1619669E+06
1.551709E+02 2.9209525E+05 2.9269178E+05 2.9277988E+05 2.9207844E+05
2.9204094E+05 2.9198538E+05 1.0996191E+06
1.602165E+02 2.9193716E+05 2.9251844E+05 2.9260516E+05 2.9192047E+05
2.9188297E+05 2.9182731E+05 1.0445630E+06
1.652350E+02 2.9155878E+05 2.9212800E+05 2.9221128E+05 2.9154228E+05
2.9150503E+05 2.9144934E+05 9.9754250E+05
1.702598E+02 2.9132053E+05 2.9188212E+05 2.9196656E+05 2.9130416E+05
2.9126716E+05 2.9121134E+05 9.5803762E+05
1.752735E+02 2.9202094E+05 2.9257647E+05 2.9265847E+05 2.9200453E+05
2.9196747E+05 2.9191112E+05 9.1346044E+05
1.802951E+02 2.9464428E+05 2.9519112E+05 2.9527441E+05 2.9462819E+05
2.9459162E+05 2.9453569E+05 8.6706444E+05
1.853119E+02 2.9313547E+05 2.9366712E+05 2.9374788E+05 2.9311938E+05
2.9308284E+05 2.9302716E+05 8.2650581E+05
1.903279E+02 2.9193816E+05 2.9246000E+05 2.9253969E+05 2.9192250E+05
2.9188675E+05 2.9183103E+05 7.9047662E+05
1.953564E+02 2.9171184E+05 2.9222741E+05 2.9230634E+05 2.9169625E+05
2.9166062E+05 2.9160484E+05 7.5936100E+05
2.003570E+02 2.9174247E+05 2.9225312E+05 2.9232931E+05 2.9172691E+05
2.9169128E+05 2.9163541E+05 7.3135750E+05
2.053755E+02 2.9159859E+05 2.9210538E+05 2.9218672E+05 2.9158306E+05
2.9154734E+05 2.9149134E+05 7.0673825E+05
2.104183E+02 2.9149709E+05 2.9200188E+05 2.9208022E+05 2.9148150E+05
2.9144591E+05 2.9138997E+05 6.7904819E+05
2.154335E+02 2.9147922E+05 2.9198559E+05 2.9206719E+05 2.9146381E+05
2.9142847E+05 2.9137231E+05 6.5545294E+05
2.204606E+02 2.9141028E+05 2.9191425E+05 2.9199212E+05 2.9139481E+05
2.9135934E+05 2.9130319E+05 6.3273506E+05
2.254792E+02 2.9175581E+05 2.9226284E+05 2.9234516E+05 2.9174031E+05
2.9170472E+05 2.9164828E+05 6.1067169E+05
2.304864E+02 2.9241938E+05 2.9292662E+05 2.9300975E+05 2.9240381E+05
2.9236806E+05 2.9231181E+05 5.8831300E+05
2.354968E+02 2.9163100E+05 2.9213803E+05 2.9221584E+05 2.9161562E+05
2.9158025E+05 2.9152394E+05 5.6886862E+05

2.404991E+02	2.9138103E+05	2.9188316E+05	2.9196906E+05	2.9136575E+05
2.9133044E+05	2.9127425E+05	5.5076044E+05		
2.455048E+02	2.9146088E+05	2.9195931E+05	2.9203291E+05	2.9144553E+05
2.9141019E+05	2.9135391E+05	5.3371150E+05		
2.505233E+02	2.9139219E+05	2.9189109E+05	2.9197550E+05	2.9137681E+05
2.9134141E+05	2.9128541E+05	5.1945675E+05		
2.555298E+02	2.9119078E+05	2.9168422E+05	2.9175962E+05	2.9117553E+05
2.9114022E+05	2.9108409E+05	5.0692316E+05		
2.605788E+02	2.9109150E+05	2.9158203E+05	2.9166391E+05	2.9107628E+05
2.9104094E+05	2.9098491E+05	4.9453031E+05		
2.656043E+02	2.9111353E+05	2.9159747E+05	2.9167550E+05	2.9109859E+05
2.9106422E+05	2.9100853E+05	4.8363488E+05		
2.706539E+02	2.9129856E+05	2.9177400E+05	2.9253294E+05	2.9128344E+05
2.9124881E+05	2.9119353E+05	4.7286778E+05		
2.756957E+02	2.9122616E+05	2.9169341E+05	2.9178434E+05	2.9121116E+05
2.9117656E+05	2.9112081E+05	4.6348150E+05		
2.807159E+02	2.9105644E+05	2.9152181E+05	2.9158534E+05	2.9104156E+05
2.9100691E+05	2.9095119E+05	4.5538859E+05		
2.857581E+02	2.9102478E+05	2.9147719E+05	2.9221512E+05	2.9101006E+05
2.9097612E+05	2.9092112E+05	4.4685331E+05		
2.907736E+02	2.9078669E+05	2.9123947E+05	2.9132256E+05	2.9077119E+05
2.9073541E+05	2.9068000E+05	4.3871838E+05		
2.957799E+02	2.9116047E+05	2.9163197E+05	2.9171222E+05	2.9114534E+05
2.9111056E+05	2.9105547E+05	4.3086984E+05		
3.007857E+02	2.9094303E+05	2.9140678E+05	2.9217234E+05	2.9092822E+05
2.9089412E+05	2.9083934E+05	4.2303284E+05		
3.058138E+02	2.9841575E+05	2.9887975E+05	2.9969075E+05	2.9840062E+05
2.9836581E+05	2.9830894E+05	4.1664400E+05		
3.108138E+02	2.9452356E+05	2.9498197E+05	2.9578097E+05	2.9450803E+05
2.9447294E+05	2.9441859E+05	4.0966234E+05		
3.158304E+02	2.8955791E+05	2.9001216E+05	2.9026916E+05	2.8954303E+05
2.8950909E+05	2.8945506E+05	4.0002547E+05		
3.208480E+02	2.8968428E+05	2.9017400E+05	2.9556684E+05	2.8966738E+05
2.8963572E+05	2.8958800E+05	3.8923588E+05		
3.258746E+02	2.9165181E+05	2.9208369E+05	2.9273328E+05	2.9163728E+05
2.9160409E+05	2.9154962E+05	3.8078578E+05		
3.308900E+02	2.9104497E+05	2.9150484E+05	2.9153566E+05	2.9102997E+05
2.9099494E+05	2.9093894E+05	3.7150944E+05		
3.358961E+02	2.8989362E+05	2.9034947E+05	2.9033956E+05	2.8987647E+05
2.8984300E+05	2.8979191E+05	3.6362181E+05		
3.409074E+02	2.9019547E+05	2.9063503E+05	2.9300112E+05	2.9017781E+05
2.9014525E+05	2.9009381E+05	3.5707662E+05		
3.459233E+02	2.9030372E+05	2.9073288E+05	2.9180306E+05	2.9028859E+05
2.9025462E+05	2.9020025E+05	3.5120725E+05		
3.509260E+02	2.9050025E+05	2.9093019E+05	2.9176066E+05	2.9048572E+05
2.9045075E+05	2.9039341E+05	3.4665616E+05		
3.559283E+02	2.9022616E+05	2.9064356E+05	2.9309462E+05	2.9021241E+05
2.9017906E+05	2.9012188E+05	3.4176147E+05		
3.609366E+02	2.8989172E+05	2.9030147E+05	2.9320581E+05	2.8987816E+05
2.8984566E+05	2.8978909E+05	3.3814684E+05		
3.659482E+02	2.8995872E+05	2.9037341E+05	2.9381222E+05	2.8994531E+05
2.8991331E+05	2.8985650E+05	3.3450681E+05		
3.709486E+02	2.9001350E+05	2.9044156E+05	2.9499012E+05	2.8999978E+05
2.8996903E+05	2.8991691E+05	3.3107666E+05		
3.759580E+02	2.8987222E+05	2.9031678E+05	2.9455562E+05	2.8985759E+05
2.8982594E+05	2.8977450E+05	3.2842203E+05		

3.809612E+02	2.8975488E+05	2.9021150E+05	2.9508544E+05	2.8973819E+05
2.8970841E+05	2.8966184E+05	3.2598947E+05		
3.859788E+02	2.8972284E+05	2.9013072E+05	2.9366709E+05	2.8970947E+05
2.8967806E+05	2.8962306E+05	3.2451297E+05		
3.910090E+02	2.8963756E+05	2.9007903E+05	2.9175425E+05	2.8962328E+05
2.8958888E+05	2.8953078E+05	3.2250778E+05		
3.960181E+02	2.8950466E+05	2.8995441E+05	2.9274228E+05	2.8948934E+05
2.8945484E+05	2.8939925E+05	3.2002888E+05		
4.010229E+02	2.8952588E+05	2.8996350E+05	2.9402034E+05	2.8951194E+05
2.8947978E+05	2.8942588E+05	3.1840112E+05		
4.060714E+02	2.8933938E+05	2.8977325E+05	2.9359269E+05	2.8932616E+05
2.8929478E+05	2.8923762E+05	3.1743091E+05		
4.111179E+02	2.8890156E+05	2.8934578E+05	2.9096138E+05	2.8888738E+05
2.8885338E+05	2.8879519E+05	3.1643516E+05		
4.161518E+02	2.9010797E+05	2.9054266E+05	2.9248816E+05	2.9009281E+05
2.9005797E+05	2.9000056E+05	3.1609241E+05		
4.211620E+02	2.9129966E+05	2.9173356E+05	2.9493006E+05	2.9128481E+05
2.9125056E+05	2.9119456E+05	3.1585309E+05		
4.261913E+02	2.8862166E+05	2.8903319E+05	2.9401081E+05	2.8860772E+05
2.8857566E+05	2.8852134E+05	3.1578141E+05		
4.311930E+02	2.8771341E+05	2.8812872E+05	2.9251372E+05	2.8769875E+05
2.8766462E+05	2.8760775E+05	3.1544459E+05		
4.361968E+02	2.8856759E+05	2.8901000E+05	2.9204550E+05	2.8855256E+05
2.8851812E+05	2.8846162E+05	3.1583522E+05		
4.412443E+02	2.8889781E+05	2.8929903E+05	2.9476784E+05	2.8888284E+05
2.8884975E+05	2.8879406E+05	3.1651166E+05		
4.462449E+02	2.8892309E+05	2.8930931E+05	2.9320162E+05	2.8890938E+05
2.8887634E+05	2.8881784E+05	3.1735166E+05		
4.512502E+02	2.9001791E+05	2.9051509E+05	2.9382900E+05	2.9000350E+05
2.8996953E+05	2.8991156E+05	3.1829431E+05		
4.562851E+02	2.9030803E+05	2.9087081E+05	2.9653350E+05	2.9029319E+05
2.9025931E+05	2.9020581E+05	3.1889956E+05		
4.613121E+02	2.8928981E+05	2.8981806E+05	2.9492553E+05	2.8927481E+05
2.8923966E+05	2.8918300E+05	3.1922278E+05		
4.663397E+02	2.8748603E+05	2.8797225E+05	2.9192516E+05	2.8747019E+05
2.8743328E+05	2.8737603E+05	3.1902784E+05		
4.713776E+02	2.8709256E+05	2.8755397E+05	2.9314488E+05	2.8707816E+05
2.8704497E+05	2.8698984E+05	3.1867416E+05		
4.763856E+02	2.8843222E+05	2.8885781E+05	2.9428734E+05	2.8841862E+05
2.8838634E+05	2.8832859E+05	3.1832259E+05		
4.814128E+02	2.8982219E+05	2.9029425E+05	2.9437647E+05	2.8980703E+05
2.8977234E+05	2.8971297E+05	3.1659253E+05		
4.864223E+02	2.8931788E+05	2.8987397E+05	2.9673134E+05	2.8930272E+05
2.8926744E+05	2.8921206E+05	3.1521150E+05		
4.914722E+02	2.8889309E+05	2.8945981E+05	2.9526344E+05	2.8887650E+05
2.8884062E+05	2.8878259E+05	3.1291975E+05		
4.964919E+02	2.8873381E+05	2.8931994E+05	2.9410609E+05	2.8871703E+05
2.8867803E+05	2.8861950E+05	3.1244394E+05		
5.015259E+02	2.8861741E+05	2.8922031E+05	2.9652438E+05	2.8860072E+05
2.8856309E+05	2.8850722E+05	3.1044678E+05		
5.065450E+02	2.8834772E+05	2.8894022E+05	2.9621706E+05	2.8833072E+05
2.8829378E+05	2.8823638E+05	3.1004300E+05		
5.115457E+02	2.8827184E+05	2.8892456E+05	2.9325938E+05	2.8825144E+05
2.8821028E+05	2.8814791E+05	3.0961406E+05		
5.165457E+02	2.8813259E+05	2.8872762E+05	2.9681294E+05	2.8811531E+05
2.8807581E+05	2.8801966E+05	3.1073772E+05		

5.215463E+02	2.8813391E+05	2.8876788E+05	2.9835466E+05	2.8811712E+05
2.8808009E+05	2.8802544E+05	3.1112388E+05		
5.265685E+02	2.8807303E+05	2.8871794E+05	2.9887459E+05	2.8805144E+05
2.8801200E+05	2.8795044E+05	3.1183938E+05		
5.316183E+02	2.8808566E+05	2.8872562E+05	2.9400750E+05	2.8806528E+05
2.8802491E+05	2.8796338E+05	3.1204481E+05		
5.366320E+02	2.8803984E+05	2.8871391E+05	2.9840241E+05	2.8801938E+05
2.8798259E+05	2.8792078E+05	3.1265244E+05		
5.416345E+02	2.8805125E+05	2.8872041E+05	2.9954522E+05	2.8802781E+05
2.8799456E+05	2.8793159E+05	3.1313206E+05		
5.466345E+02	2.8763719E+05	2.8822362E+05	2.9787681E+05	2.8761659E+05
2.8757497E+05	2.8751275E+05	3.1204422E+05		
5.516580E+02	2.8757769E+05	2.8833084E+05	2.9386822E+05	2.8755125E+05
2.8750606E+05	2.8743803E+05	3.1121172E+05		
5.566583E+02	2.8727138E+05	2.8791491E+05	2.9921972E+05	2.8725391E+05
2.8722150E+05	2.8716038E+05	3.1190306E+05		
5.616711E+02	2.8732953E+05	2.8805872E+05	3.0183441E+05	2.8729262E+05
2.8728241E+05	2.8722056E+05	3.1033125E+05		
5.666711E+02	2.8727112E+05	2.8790753E+05	2.9480241E+05	2.8724259E+05
2.8723350E+05	2.8716869E+05	3.1011434E+05		
5.717148E+02	2.8752553E+05	2.8824881E+05	2.9782516E+05	2.8750094E+05
2.8750744E+05	2.8744516E+05	3.0974666E+05		
5.767209E+02	2.8743197E+05	2.8800947E+05	3.0126622E+05	2.8741150E+05
2.8738003E+05	2.8731781E+05	3.0910334E+05		
5.817575E+02	2.8733512E+05	2.8806078E+05	3.0084691E+05	2.8730462E+05
2.8730591E+05	2.8724416E+05	3.0910272E+05		
5.867994E+02	2.8758503E+05	2.8815547E+05	2.9733306E+05	2.8756656E+05
2.8753206E+05	2.8747147E+05	3.1825550E+05		
5.918351E+02	2.8746172E+05	2.8809556E+05	3.0178909E+05	2.8744103E+05
2.8742741E+05	2.8736575E+05	3.1502425E+05		
5.968547E+02	2.8694056E+05	2.8746741E+05	3.0076669E+05	2.8692262E+05
2.8688612E+05	2.8682566E+05	3.1524466E+05		
6.018547E+02	2.8579819E+05	2.8627325E+05	2.9687997E+05	2.8578162E+05
2.8575000E+05	2.8569106E+05	3.1132625E+05		
6.068926E+02	2.8667091E+05	2.8722816E+05	2.9958491E+05	2.8664300E+05
2.8663378E+05	2.8657400E+05	3.0742866E+05		
6.119015E+02	2.8687491E+05	2.8739825E+05	3.0232775E+05	2.8685281E+05
2.8683875E+05	2.8677947E+05	3.0806866E+05		
6.169453E+02	2.8565503E+05	2.8612806E+05	2.9676544E+05	2.8564091E+05
2.8561753E+05	2.8555831E+05	3.0870916E+05		
6.219643E+02	2.8646475E+05	2.8692847E+05	3.0223688E+05	2.8644184E+05
2.8642622E+05	2.8636644E+05	3.0471722E+05		
6.269753E+02	2.8752631E+05	2.8799719E+05	3.0202134E+05	2.8750369E+05
2.8749266E+05	2.8743250E+05	3.0273828E+05		
6.319825E+02	2.8610975E+05	2.8655553E+05	2.9861962E+05	2.8609794E+05
2.8607953E+05	2.8602072E+05	3.0087297E+05		
6.369911E+02	2.8522112E+05	2.8565506E+05	2.9992269E+05	2.8520644E+05
2.8518322E+05	2.8512397E+05	2.9927853E+05		
6.420153E+02	2.8708931E+05	2.8748759E+05	3.0086128E+05	2.8707488E+05
2.8704778E+05	2.8698847E+05	3.0066872E+05		
6.470455E+02	2.8665750E+05	2.8705588E+05	3.0018338E+05	2.8664122E+05
2.8661659E+05	2.8655725E+05	3.0860909E+05		
6.520916E+02	2.8668759E+05	2.8709388E+05	3.0144672E+05	2.8667159E+05
2.8665078E+05	2.8659153E+05	3.1218119E+05		
6.571367E+02	2.8694019E+05	2.8746694E+05	3.0087434E+05	2.8692278E+05
2.8692294E+05	2.8686472E+05	3.0790488E+05		

6.621520E+02	2.8635525E+05	2.8682128E+05	2.9996122E+05	2.8634131E+05
2.8631353E+05	2.8625472E+05	3.0625316E+05		
6.671806E+02	2.8476941E+05	2.8520450E+05	2.9947734E+05	2.8475503E+05
2.8472316E+05	2.8466444E+05	3.0626328E+05		
6.722262E+02	2.8573556E+05	2.8618734E+05	3.0104725E+05	2.8572116E+05
2.8569103E+05	2.8563272E+05	3.0614306E+05		
6.772686E+02	2.8633338E+05	2.8677188E+05	3.0162584E+05	2.8631822E+05
2.8628594E+05	2.8622697E+05	3.0184788E+05		
6.822707E+02	2.8509091E+05	2.8550769E+05	2.9894519E+05	2.8507700E+05
2.8504528E+05	2.8498703E+05	3.0185984E+05		
6.872923E+02	2.8639747E+05	2.8680072E+05	3.0206869E+05	2.8638319E+05
2.8635144E+05	2.8629241E+05	2.9845691E+05		
6.922954E+02	2.8592941E+05	2.8633481E+05	3.0028634E+05	2.8591522E+05
2.8588406E+05	2.8582534E+05	2.9854641E+05		
6.973051E+02	2.8543953E+05	2.8583934E+05	3.0061534E+05	2.8542519E+05
2.8539344E+05	2.8533441E+05	2.9858469E+05		
7.023073E+02	2.8518075E+05	2.8559594E+05	3.0087631E+05	2.8516694E+05
2.8513616E+05	2.8507797E+05	3.0038028E+05		
7.073430E+02	2.8602503E+05	2.8642512E+05	3.0061353E+05	2.8601094E+05
2.8597881E+05	2.8592003E+05	2.9987012E+05		
7.123453E+02	2.8599469E+05	2.8639859E+05	3.0220819E+05	2.8598056E+05
2.8594909E+05	2.8589050E+05	3.0548047E+05		
7.173482E+02	2.8522978E+05	2.8565125E+05	3.0091853E+05	2.8521575E+05
2.8518453E+05	2.8512647E+05	3.0181219E+05		
7.223600E+02	2.8481866E+05	2.8524084E+05	2.9957997E+05	2.8480469E+05
2.8477253E+05	2.8471450E+05	2.9858738E+05		
7.273726E+02	2.8493850E+05	2.8534994E+05	3.0137941E+05	2.8492434E+05
2.8489184E+05	2.8483325E+05	2.9843162E+05		
7.324192E+02	2.8585216E+05	2.8625966E+05	3.0153334E+05	2.8583825E+05
2.8580578E+05	2.8574744E+05	3.0005844E+05		
7.374575E+02	2.8508359E+05	2.8548544E+05	3.0022650E+05	2.8506975E+05
2.8503741E+05	2.8497909E+05	2.9805281E+05		
7.424575E+02	2.8474741E+05	2.8514688E+05	3.0182319E+05	2.8473356E+05
2.8470209E+05	2.8464391E+05	2.9642800E+05		
7.474720E+02	2.8529194E+05	2.8570284E+05	3.0150184E+05	2.8527706E+05
2.8524512E+05	2.8518581E+05	2.9790206E+05		
7.524910E+02	2.8511044E+05	2.8553669E+05	3.0016700E+05	2.8509650E+05
2.8506403E+05	2.8500616E+05	2.9593681E+05		
7.575264E+02	2.8427772E+05	2.8467900E+05	3.0191875E+05	2.8426406E+05
2.8423225E+05	2.8417431E+05	2.9466681E+05		
7.625316E+02	2.8508075E+05	2.8548066E+05	3.0043759E+05	2.8506697E+05
2.8503472E+05	2.8497631E+05	2.9301600E+05		
7.675541E+02	2.8432094E+05	2.8471738E+05	3.0178597E+05	2.8430725E+05
2.8427541E+05	2.8421728E+05	2.9417294E+05		
7.725990E+02	2.8476344E+05	2.8515759E+05	3.0076028E+05	2.8474956E+05
2.8471788E+05	2.8465888E+05	2.9699025E+05		
7.776382E+02	2.8454406E+05	2.8494212E+05	3.0069391E+05	2.8453028E+05
2.8449825E+05	2.8444016E+05	2.9811072E+05		
7.826681E+02	2.8410853E+05	2.8450234E+05	3.0153897E+05	2.8409494E+05
2.8406288E+05	2.8400488E+05	2.9854956E+05		
7.876682E+02	2.8459125E+05	2.8499056E+05	3.0055188E+05	2.8457722E+05
2.8454441E+05	2.8448581E+05	2.9325256E+05		
7.927143E+02	2.8396322E+05	2.8437016E+05	3.0058344E+05	2.8394966E+05
2.8391781E+05	2.8386009E+05	2.9420316E+05		
7.977427E+02	2.8387875E+05	2.8428175E+05	3.0168369E+05	2.8386219E+05
2.8383406E+05	2.8377519E+05	2.9123616E+05		

8.027863E+02	2.8364075E+05	2.8405144E+05	2.9858212E+05	2.8362712E+05
2.8359466E+05	2.8353675E+05	2.9174916E+05		
8.077863E+02	2.8310616E+05	2.8349825E+05	3.0181756E+05	2.8309041E+05
2.8306319E+05	2.8300553E+05	2.9216250E+05		
8.128088E+02	2.8236691E+05	2.8276450E+05	2.9988025E+05	2.8235297E+05
2.8232250E+05	2.8226419E+05	2.8958688E+05		
8.178396E+02	2.8310753E+05	2.8355988E+05	2.9943509E+05	2.8309291E+05
2.8305878E+05	2.8299944E+05	2.9106419E+05		
8.228683E+02	2.8322088E+05	2.8361325E+05	3.0148400E+05	2.8320738E+05
2.8317588E+05	2.8311822E+05	2.9186934E+05		
8.279000E+02	2.8209297E+05	2.8246394E+05	2.9936947E+05	2.8207903E+05
2.8204894E+05	2.8198972E+05	2.8895381E+05		
8.329000E+02	2.8217772E+05	2.8256172E+05	3.0045159E+05	2.8216434E+05
2.8213259E+05	2.8207488E+05	2.8766734E+05		
8.379267E+02	2.8259138E+05	2.8297991E+05	3.0194609E+05	2.8257612E+05
2.8254603E+05	2.8248681E+05	2.8792347E+05		
8.429336E+02	2.8196144E+05	2.8229534E+05	3.0187678E+05	2.8194656E+05
2.8192259E+05	2.8186362E+05	2.9078825E+05		
8.479440E+02	2.7561097E+05	2.7672116E+05	2.8607250E+05	2.7559475E+05
2.7556175E+05	2.7550103E+05	2.9480584E+05		
8.529523E+02	2.8012256E+05	2.8076997E+05	2.9989531E+05	2.8009562E+05
2.8008738E+05	2.8002859E+05	2.9818209E+05		
8.579803E+02	2.6878353E+05	2.8124406E+05	3.0798794E+05	2.6874528E+05
2.6874306E+05	2.6868703E+05	2.9393819E+05		
8.630277E+02	2.7740572E+05	2.7808484E+05	2.9730750E+05	2.7739094E+05
2.7736166E+05	2.7730238E+05	2.9083422E+05		
8.680298E+02	2.8025722E+05	2.7994866E+05	2.8895403E+05	2.8024869E+05
2.8023559E+05	2.8018128E+05	2.8946647E+05		
8.730469E+02	2.8076441E+05	2.8121634E+05	3.0090612E+05	2.8075025E+05
2.8072422E+05	2.8066503E+05	2.8875559E+05		
8.780671E+02	2.8076606E+05	2.8127866E+05	2.9763922E+05	2.8075625E+05
2.8073325E+05	2.8067531E+05	2.8725538E+05		
8.830836E+02	2.8050119E+05	2.8092447E+05	2.9702438E+05	2.8049019E+05
2.8046162E+05	2.8040575E+05	2.8681759E+05		
8.881301E+02	2.8074538E+05	2.8108862E+05	3.0247662E+05	2.8073234E+05
2.8070922E+05	2.8065175E+05	2.8673847E+05		
8.931561E+02	2.7923319E+05	2.8003422E+05	3.0563222E+05	2.7921666E+05
2.7918194E+05	2.7912088E+05	2.8555181E+05		
8.981845E+02	2.8045972E+05	2.8118306E+05	2.9257138E+05	2.8044166E+05
2.8039662E+05	2.8033750E+05	2.8765203E+05		
9.032300E+02	2.7936272E+05	2.7965038E+05	3.0257712E+05	2.7935166E+05
2.7932491E+05	2.7927159E+05	2.8478484E+05		
9.082662E+02	2.8040425E+05	2.8066719E+05	3.0296972E+05	2.8038709E+05
2.8037400E+05	2.8031575E+05	2.8486344E+05		
9.133143E+02	2.7952428E+05	2.7999853E+05	2.9953784E+05	2.7950434E+05
2.7950688E+05	2.7944794E+05	2.8359556E+05		
9.183594E+02	2.7952200E+05	2.8002331E+05	3.0039269E+05	2.7949819E+05
2.7951003E+05	2.7945125E+05	2.8578734E+05		
9.233762E+02	2.7998028E+05	2.8051791E+05	2.9849091E+05	2.7996553E+05
2.7993334E+05	2.7987219E+05	2.8566903E+05		
9.283935E+02	2.8030841E+05	2.8074950E+05	2.9986228E+05	2.8029469E+05
2.8026619E+05	2.8020688E+05	2.8606794E+05		
9.334008E+02	2.8093731E+05	2.8171322E+05	3.0149272E+05	2.8091538E+05
2.8091538E+05	2.8085553E+05	2.9471909E+05		
9.384365E+02	2.8302047E+05	2.8359309E+05	3.0281534E+05	2.8300047E+05
2.8296359E+05	2.8289969E+05	3.0453722E+05		

9.434605E+02	2.8207325E+05	2.8320716E+05	2.9785447E+05	2.8202806E+05
2.8208750E+05	2.8201728E+05	3.0194097E+05		
9.484623E+02	2.8217891E+05	2.8295094E+05	3.0547459E+05	2.8213681E+05
2.8214653E+05	2.8208141E+05	2.9794950E+05		
9.534870E+02	2.8237562E+05	2.8304209E+05	3.0403997E+05	2.8234806E+05
2.8235197E+05	2.8229119E+05	2.9681216E+05		
9.585121E+02	2.8249931E+05	2.8305606E+05	3.0391378E+05	2.8247000E+05
2.8248384E+05	2.8242353E+05	2.9573959E+05		
9.635247E+02	2.8221581E+05	2.8280331E+05	3.0307031E+05	2.8219591E+05
2.8215841E+05	2.8209759E+05	2.9414025E+05		
9.685247E+02	2.8236447E+05	2.8311962E+05	3.0496184E+05	2.8233791E+05
2.8237097E+05	2.8230831E+05	2.9392709E+05		
9.735247E+02	2.8235425E+05	2.8306219E+05	3.0516116E+05	2.8232241E+05
2.8232634E+05	2.8226262E+05	2.9308678E+05		
9.785247E+02	2.8195547E+05	2.8266303E+05	3.0505922E+05	2.8192403E+05
2.8192853E+05	2.8186491E+05	2.9205081E+05		
9.835706E+02	2.8238606E+05	2.8308572E+05	3.0579919E+05	2.8235503E+05
2.8235981E+05	2.8229631E+05	2.9107481E+05		
9.885706E+02	2.8169147E+05	2.8238791E+05	3.0540734E+05	2.8166069E+05
2.8166547E+05	2.8160216E+05	2.9079744E+05		
9.935714E+02	2.8205712E+05	2.8275788E+05	3.0606609E+05	2.8202647E+05
2.8203134E+05	2.8196797E+05	2.9213678E+05		
9.986208E+02	2.8186266E+05	2.8256069E+05	3.0615559E+05	2.8183175E+05
2.8183672E+05	2.8177334E+05	2.9033178E+05		
1.003653E+03	2.8172634E+05	2.8241588E+05	3.0631159E+05	2.8169556E+05
2.8170081E+05	2.8163766E+05	2.8967922E+05		
1.008698E+03	2.8135641E+05	2.8204822E+05	3.0624019E+05	2.8132556E+05
2.8133162E+05	2.8126838E+05	2.8921331E+05		
1.013703E+03	2.8140053E+05	2.8209416E+05	3.0657688E+05	2.8137003E+05
2.8137594E+05	2.8131281E+05	2.8991653E+05		
1.018708E+03	2.8175288E+05	2.8244944E+05	3.0722241E+05	2.8172228E+05
2.8172744E+05	2.8166444E+05	2.8846594E+05		
1.023737E+03	2.8087341E+05	2.8156556E+05	3.0664484E+05	2.8084334E+05
2.8084838E+05	2.8078509E+05	2.8743703E+05		
1.028787E+03	2.8106709E+05	2.8175388E+05	3.0710838E+05	2.8103691E+05
2.8104341E+05	2.8098050E+05	2.8694241E+05		
1.033812E+03	2.8131491E+05	2.8200084E+05	3.0764159E+05	2.8128488E+05
2.8129122E+05	2.8122822E+05	2.8765966E+05		
1.038826E+03	2.8081938E+05	2.8150984E+05	3.0743866E+05	2.8078900E+05
2.8079559E+05	2.8073269E+05	2.8733047E+05		
1.043868E+03	2.8077825E+05	2.8147144E+05	3.0768928E+05	2.8074809E+05
2.8075384E+05	2.8069097E+05	2.8697434E+05		
1.048868E+03	2.8127322E+05	2.8196769E+05	3.0847569E+05	2.8124275E+05
2.8124809E+05	2.8118500E+05	2.8789528E+05		
1.053917E+03	2.8141800E+05	2.8213388E+05	3.0893969E+05	2.8138725E+05
2.8139450E+05	2.8133119E+05	2.8867888E+05		
1.058917E+03	2.8158966E+05	2.8229950E+05	3.0940734E+05	2.8155881E+05
2.8156441E+05	2.8150103E+05	2.8781406E+05		
1.063917E+03	2.8158928E+05	2.8230275E+05	3.0971231E+05	2.8155806E+05
2.8156484E+05	2.8150128E+05	2.8914100E+05		
1.068917E+03	2.8160912E+05	2.8232738E+05	3.1004128E+05	2.8157797E+05
2.8158369E+05	2.8152003E+05	2.8889959E+05		
1.073917E+03	2.8204375E+05	2.8279056E+05	3.1081481E+05	2.8201188E+05
2.8201975E+05	2.8195547E+05	2.9528903E+05		
1.078917E+03	2.8218594E+05	2.8296862E+05	3.1131744E+05	2.8215291E+05
2.8215969E+05	2.8209472E+05	3.0093816E+05		

1.083917E+03	2.8236444E+05	2.8317191E+05	3.1187450E+05	2.8233034E+05
2.8233569E+05	2.8227003E+05	3.0333691E+05		
1.088917E+03	2.8230434E+05	2.8312234E+05	3.1220047E+05	2.8226934E+05
2.8227297E+05	2.8220678E+05	3.0334650E+05		
1.093917E+03	2.8177950E+05	2.8257953E+05	3.1204394E+05	2.8174438E+05
2.8174584E+05	2.8167988E+05	3.0053700E+05		
1.098959E+03	2.8134584E+05	2.8211750E+05	3.1196481E+05	2.8131156E+05
2.8131266E+05	2.8124716E+05	2.9526291E+05		
1.103988E+03	2.8211447E+05	2.8286934E+05	3.1306766E+05	2.8208081E+05
2.8208391E+05	2.8201862E+05	2.9362959E+05		
1.108988E+03	2.8222653E+05	2.8297738E+05	3.1352041E+05	2.8219328E+05
2.8219700E+05	2.8213203E+05	2.9360075E+05		
1.113988E+03	2.8121781E+05	2.8194981E+05	3.1282919E+05	2.8118516E+05
2.8118841E+05	2.8112403E+05	2.9069725E+05		
1.118988E+03	2.8174912E+05	2.8247391E+05	3.1367297E+05	2.8171697E+05
2.8172156E+05	2.8165738E+05	2.8949666E+05		
1.123988E+03	2.8143562E+05	2.8214006E+05	3.1365712E+05	2.8140412E+05
2.8140766E+05	2.8134391E+05	2.8782466E+05		
1.128988E+03	2.8111512E+05	2.8181831E+05	3.1363866E+05	2.8108419E+05
2.8108934E+05	2.8102584E+05	2.8644416E+05		
1.133988E+03	2.8042116E+05	2.8111453E+05	3.1323275E+05	2.8039047E+05
2.8039559E+05	2.8033247E+05	2.8492122E+05		
1.138988E+03	2.8060916E+05	2.8131069E+05	3.1370906E+05	2.8057831E+05
2.8058528E+05	2.8052203E+05	2.8509581E+05		
1.143988E+03	2.8068550E+05	2.8138450E+05	3.1408488E+05	2.8065475E+05
2.8066056E+05	2.8059744E+05	2.8527069E+05		
1.149029E+03	2.8003941E+05	2.8073369E+05	3.1373597E+05	2.8000900E+05
2.8001466E+05	2.7995172E+05	2.8364625E+05		
1.154029E+03	2.8016975E+05	2.8086816E+05	3.1414747E+05	2.8013897E+05
2.8014534E+05	2.8008216E+05	2.8445666E+05		
1.159029E+03	2.8028550E+05	2.8098856E+05	3.1456653E+05	2.8025516E+05
2.8026144E+05	2.8019844E+05	2.8365822E+05		
1.164029E+03	2.8024278E+05	2.8094028E+05	3.1481625E+05	2.8021200E+05
2.8021844E+05	2.8015538E+05	2.8482344E+05		
1.169073E+03	2.8000416E+05	2.8070175E+05	3.1487025E+05	2.7997369E+05
2.7997919E+05	2.7991641E+05	2.8318962E+05		
1.174073E+03	2.7978169E+05	2.8046566E+05	3.1493591E+05	2.7975128E+05
2.7975706E+05	2.7969438E+05	2.8269356E+05		
1.179073E+03	2.7984056E+05	2.8053359E+05	3.1528119E+05	2.7981028E+05
2.7981722E+05	2.7975434E+05	2.8240994E+05		
1.184122E+03	2.7943862E+05	2.8012603E+05	3.1516009E+05	2.7940884E+05
2.7941488E+05	2.7935234E+05	2.8160100E+05		
1.189164E+03	2.7941897E+05	2.8010391E+05	3.1543325E+05	2.7938869E+05
2.7939544E+05	2.7933278E+05	2.8129153E+05		
1.194184E+03	2.7882428E+05	2.7951303E+05	3.1511900E+05	2.7879409E+05
2.7880100E+05	2.7873850E+05	2.8025984E+05		
1.199231E+03	2.7850191E+05	2.7919069E+05	3.1509012E+05	2.7847156E+05
2.7847841E+05	2.7841603E+05	2.8026406E+05		
1.204231E+03	2.7833950E+05	2.7903469E+05	3.1520212E+05	2.7830934E+05
2.7831672E+05	2.7825422E+05	2.8086475E+05		
1.209231E+03	2.7868341E+05	2.7938362E+05	3.1584722E+05	2.7865344E+05
2.7866050E+05	2.7859791E+05	2.8068169E+05		
1.214231E+03	2.7829225E+05	2.7898119E+05	3.1573841E+05	2.7826200E+05
2.7826844E+05	2.7820588E+05	2.8007256E+05		
1.219231E+03	2.7826928E+05	2.7895506E+05	3.1599609E+05	2.7823922E+05
2.7824616E+05	2.7818378E+05	2.7946522E+05		

1.224231E+03	2.7783194E+05	2.7851022E+05	3.1583772E+05	2.7780172E+05
2.7780819E+05	2.7774597E+05	2.8003181E+05		
1.229231E+03	2.7741641E+05	2.7809612E+05	3.1570206E+05	2.7738675E+05
2.7739334E+05	2.7733141E+05	2.7787191E+05		
1.234231E+03	2.7681531E+05	2.7747947E+05	3.1536000E+05	2.7678584E+05
2.7679222E+05	2.7673059E+05	2.7729831E+05		
1.239231E+03	2.7632869E+05	2.7698103E+05	3.1512406E+05	2.7629956E+05
2.7630606E+05	2.7624472E+05	2.7635547E+05		
1.244231E+03	2.7573759E+05	2.7636988E+05	3.1477262E+05	2.7570925E+05
2.7571512E+05	2.7565444E+05	2.7675562E+05		
1.249231E+03	2.7517106E+05	2.7577794E+05	3.1441925E+05	2.7514381E+05
2.7514891E+05	2.7508878E+05	2.7692025E+05		
1.254231E+03	2.7428869E+05	2.7485491E+05	3.1373356E+05	2.7426253E+05
2.7426569E+05	2.7420638E+05	2.7434894E+05		
1.259231E+03	2.7321234E+05	2.7374675E+05	3.1280719E+05	2.7318644E+05
2.7318994E+05	2.7313191E+05	2.7351791E+05		
1.264231E+03	2.7259991E+05	2.7314741E+05	3.1236422E+05	2.7257447E+05
2.7258169E+05	2.7252341E+05	2.7332528E+05		
1.269231E+03	2.7159947E+05	2.7213741E+05	3.1155066E+05	2.7157503E+05
2.7158172E+05	2.7152331E+05	2.7165003E+05		
1.274231E+03	2.7025719E+05	2.7078225E+05	3.1036100E+05	2.7023244E+05
2.7023831E+05	2.7018053E+05	2.7020894E+05		
1.279231E+03	2.6905072E+05	2.6957478E+05	3.0929547E+05	2.6902603E+05
2.6903412E+05	2.6897659E+05	2.6882850E+05		
1.284231E+03	2.6791547E+05	2.6844400E+05	3.0831241E+05	2.6789081E+05
2.6790059E+05	2.6784331E+05	2.6799259E+05		
1.289231E+03	2.6684100E+05	2.6737288E+05	3.0739694E+05	2.6681656E+05
2.6682650E+05	2.6676941E+05	2.6683353E+05		
1.294280E+03	2.6582947E+05	2.6637719E+05	3.0653075E+05	2.6580550E+05
2.6581447E+05	2.6575756E+05	2.6571466E+05		
1.299280E+03	2.6511244E+05	2.6575725E+05	3.0591359E+05	2.6508822E+05
2.6509894E+05	2.6504209E+05	2.6520481E+05		
1.304280E+03	2.6434688E+05	2.6508891E+05	3.0524859E+05	2.6432294E+05
2.6433478E+05	2.6427816E+05	2.6420184E+05		
1.309280E+03	2.6323338E+05	2.6414950E+05	3.0430775E+05	2.6320962E+05
2.6321875E+05	2.6316250E+05	2.6331662E+05		
1.314280E+03	2.6221262E+05	2.6332538E+05	3.0348878E+05	2.6218869E+05
2.6219972E+05	2.6214356E+05	2.6234053E+05		
1.319280E+03	2.6125986E+05	2.6255822E+05	3.0272566E+05	2.6123614E+05
2.6124848E+05	2.6119261E+05	2.6151238E+05		
1.324280E+03	2.6044012E+05	2.6187509E+05	3.0204522E+05	2.6041642E+05
2.6042808E+05	2.6037233E+05	2.6045811E+05		
1.329280E+03	2.5984942E+05	2.6138516E+05	3.0155966E+05	2.5982589E+05
2.5983831E+05	2.5978277E+05	2.5992144E+05		
1.334329E+03	2.5919041E+05	2.6086734E+05	3.0105122E+05	2.5916656E+05
2.5917819E+05	2.5912261E+05	2.5890173E+05		
1.339329E+03	2.5853589E+05	2.6040841E+05	3.0059212E+05	2.5851220E+05
2.5852428E+05	2.5846895E+05	2.5854167E+05		
1.344329E+03	2.5776791E+05	2.5983105E+05	3.0001862E+05	2.5774378E+05
2.5775433E+05	2.5769909E+05	2.5756131E+05		
1.349329E+03	2.5710055E+05	2.5930852E+05	2.9949850E+05	2.5707602E+05
2.5708611E+05	2.5703086E+05	2.5657059E+05		
1.354329E+03	2.5640520E+05	2.5877005E+05	2.9896312E+05	2.5638066E+05
2.5639003E+05	2.5633506E+05	2.5647677E+05		
1.359336E+03	2.5555361E+05	2.5811778E+05	2.9831294E+05	2.5552880E+05
2.5553645E+05	2.5548166E+05	2.5521203E+05		

1.364336E+03	2.5458748E+05	2.5737361E+05	2.9757603E+05	2.5456270E+05
2.5456880E+05	2.5451427E+05	2.5462375E+05		
1.369336E+03	2.5332280E+05	2.5638731E+05	2.9659109E+05	2.5329850E+05
2.5330112E+05	2.5324702E+05	2.5335072E+05		
1.374336E+03	2.5181266E+05	2.5518017E+05	2.9539788E+05	2.5178848E+05
2.5178741E+05	2.5173352E+05	2.5239773E+05		
1.379370E+03	2.4988291E+05	2.5362542E+05	2.9384391E+05	2.4985648E+05
2.4985458E+05	2.4980086E+05	2.5074141E+05		
1.384372E+03	2.4849795E+05	2.5260928E+05	2.9283134E+05	2.4846986E+05
2.4847208E+05	2.4841803E+05	2.5037980E+05		
1.389418E+03	2.4739606E+05	2.5181798E+05	2.9203684E+05	2.4737058E+05
2.4737520E+05	2.4732134E+05	2.5393547E+05		
1.394459E+03	2.4698391E+05	2.5179316E+05	2.9201347E+05	2.4695595E+05
2.4696172E+05	2.4690700E+05	2.6302872E+05		
1.399505E+03	2.4619764E+05	2.5158252E+05	2.9179731E+05	2.4617228E+05
2.4617233E+05	2.4611745E+05	2.6166694E+05		
1.404505E+03	2.4504878E+05	2.5125723E+05	2.9147653E+05	2.4502073E+05
2.4501609E+05	2.4496127E+05	2.5972186E+05		
1.409509E+03	2.4433491E+05	2.5135858E+05	2.9159681E+05	2.4430834E+05
2.4430670E+05	2.4425098E+05	2.6556025E+05		
1.414548E+03	2.4344331E+05	2.5105552E+05	2.9129172E+05	2.4341703E+05
2.4341158E+05	2.4335628E+05	2.5855956E+05		
1.419548E+03	2.4244927E+05	2.5051372E+05	2.9076881E+05	2.4242100E+05
2.4241434E+05	2.4235962E+05	2.5329291E+05		
1.424548E+03	2.4104669E+05	2.4966908E+05	2.8992372E+05	2.4102050E+05
2.4101562E+05	2.4096162E+05	2.5094894E+05		
1.429548E+03	2.3993833E+05	2.4911455E+05	2.8937388E+05	2.3991122E+05
2.3990483E+05	2.3985138E+05	2.4823419E+05		
1.434548E+03	2.3857300E+05	2.4828759E+05	2.8854962E+05	2.3854822E+05
2.3854164E+05	2.3848870E+05	2.4575533E+05		
1.439548E+03	2.3728978E+05	2.4753502E+05	2.8781250E+05	2.3726323E+05
2.3725591E+05	2.3720325E+05	2.4281016E+05		
1.444548E+03	2.3608689E+05	2.4678128E+05	2.8707009E+05	2.3606266E+05
2.3605598E+05	2.3600353E+05	2.4103689E+05		
1.449548E+03	2.3455628E+05	2.4579864E+05	2.8606762E+05	2.3453042E+05
2.3452398E+05	2.3447183E+05	2.3905856E+05		
1.454592E+03	2.3334936E+05	2.4505052E+05	2.8533906E+05	2.3332425E+05
2.3331545E+05	2.3326320E+05	2.3547598E+05		
1.459592E+03	2.3172089E+05	2.4392377E+05	2.8421994E+05	2.3169795E+05
2.3168877E+05	2.3163697E+05	2.3379328E+05		
1.464592E+03	2.3051219E+05	2.4316638E+05	2.8346784E+05	2.3048756E+05
2.3047817E+05	2.3042638E+05	2.3214438E+05		
1.469638E+03	2.2904764E+05	2.4214681E+05	2.8243853E+05	2.2902436E+05
2.2901045E+05	2.2895888E+05	2.3098033E+05		
1.474638E+03	2.2796548E+05	2.4149583E+05	2.8180469E+05	2.2793970E+05
2.2792275E+05	2.2787131E+05	2.2935334E+05		
1.479638E+03	2.2665036E+05	2.4064236E+05	2.8096153E+05	2.2662938E+05
2.2661647E+05	2.2656561E+05	2.2688794E+05		
1.484681E+03	2.2511402E+05	2.3960398E+05	2.7991212E+05	2.2508766E+05
2.2507111E+05	2.2502000E+05	2.2559425E+05		
1.489718E+03	2.2397792E+05	2.3885833E+05	2.7917609E+05	2.2395259E+05
2.2393547E+05	2.2388445E+05	2.2507966E+05		
1.494719E+03	2.2277198E+05	2.3804619E+05	2.7837372E+05	2.2274755E+05
2.2273053E+05	2.2267967E+05	2.2415383E+05		
1.499726E+03	2.2160798E+05	2.3730705E+05	2.7764138E+05	2.2158344E+05
2.2156597E+05	2.2151519E+05	2.2200061E+05		

1.504759E+03	2.2040342E+05	2.3653423E+05	2.7687697E+05	2.2038064E+05
2.2036200E+05	2.2031141E+05	2.2043009E+05		
1.509762E+03	2.1911491E+05	2.3575625E+05	2.7610675E+05	2.1908955E+05
2.1907184E+05	2.1902138E+05	2.1934697E+05		
1.514772E+03	2.1819044E+05	2.3518527E+05	2.7555316E+05	2.1816562E+05
2.1814838E+05	2.1809784E+05	2.1838155E+05		
1.519808E+03	2.1685039E+05	2.3427669E+05	2.7463303E+05	2.1682353E+05
2.1680530E+05	2.1675491E+05	2.1845002E+05		
1.524844E+03	2.1628628E+05	2.3406809E+05	2.7443434E+05	2.1626003E+05
2.1624519E+05	2.1619484E+05	2.1696512E+05		
1.529844E+03	2.1499236E+05	2.3332088E+05	2.7368450E+05	2.1496680E+05
2.1494919E+05	2.1489942E+05	2.1519047E+05		
1.534859E+03	2.1405328E+05	2.3290269E+05	2.7328753E+05	2.1402662E+05
2.1400952E+05	2.1395969E+05	2.1419320E+05		
1.539868E+03	2.1293355E+05	2.3218755E+05	2.7257503E+05	2.1290831E+05
2.1289147E+05	2.1284175E+05	2.1400339E+05		
1.544881E+03	2.1201903E+05	2.3166456E+05	2.7203397E+05	2.1198902E+05
2.1197700E+05	2.1192730E+05	2.1289762E+05		
1.549901E+03	2.1097705E+05	2.3109495E+05	2.7147488E+05	2.1095095E+05
2.1093444E+05	2.1088514E+05	2.1105436E+05		
1.554901E+03	2.1240095E+05	2.3011517E+05	2.6921672E+05	2.1237102E+05
2.1236041E+05	2.1231184E+05	2.1201983E+05		
1.559921E+03	2.1266492E+05	2.3257161E+05	2.7326344E+05	2.1263906E+05
2.1262288E+05	2.1257273E+05	2.1313828E+05		
1.564944E+03	2.1321464E+05	2.3418750E+05	2.7447978E+05	2.1318488E+05
2.1317334E+05	2.1312381E+05	2.1397433E+05		
1.569956E+03	2.1315783E+05	2.3529044E+05	2.7564284E+05	2.1312936E+05
2.1313033E+05	2.1308047E+05	2.1484694E+05		
1.574956E+03	2.1410658E+05	2.3637462E+05	2.7676869E+05	2.1408002E+05
2.1409275E+05	2.1404284E+05	2.1866127E+05		
1.579956E+03	2.1549036E+05	2.3811155E+05	2.7853716E+05	2.1546420E+05
2.1547991E+05	2.1542980E+05	2.2075002E+05		
1.584956E+03	2.1747091E+05	2.4032183E+05	2.8080612E+05	2.1744695E+05
2.1746895E+05	2.1741861E+05	2.2099228E+05		
1.589956E+03	2.1889555E+05	2.4178438E+05	2.8227266E+05	2.1887398E+05
2.1889281E+05	2.1884238E+05	2.1994158E+05		
1.594956E+03	2.1985091E+05	2.4301141E+05	2.8351534E+05	2.1983044E+05
2.1984095E+05	2.1979033E+05	2.2026308E+05		
1.599956E+03	2.2020547E+05	2.4332728E+05	2.8382366E+05	2.2018594E+05
2.2019370E+05	2.2014303E+05	2.2011041E+05		
1.604956E+03	2.1988761E+05	2.4325134E+05	2.8378184E+05	2.1986825E+05
2.1987419E+05	2.1982342E+05	2.1963881E+05		
1.609956E+03	2.1964653E+05	2.4303944E+05	2.8357509E+05	2.1962686E+05
2.1963534E+05	2.1958466E+05	2.1946908E+05		
1.614956E+03	2.1958136E+05	2.4315186E+05	2.8368825E+05	2.1956138E+05
2.1957309E+05	2.1952234E+05	2.1946036E+05		
1.619956E+03	2.1965461E+05	2.4336061E+05	2.8389938E+05	2.1963456E+05
2.1964695E+05	2.1959625E+05	2.1952366E+05		
1.624956E+03	2.1972197E+05	2.4351089E+05	2.8405275E+05	2.1970191E+05
2.1971483E+05	2.1966408E+05	2.1965495E+05		
1.629956E+03	2.1980691E+05	2.4381205E+05	2.8437128E+05	2.1978680E+05
2.1979967E+05	2.1974888E+05	2.1965336E+05		
1.634956E+03	2.1992711E+05	2.4397131E+05	2.8452356E+05	2.1990692E+05
2.1992045E+05	2.1986966E+05	2.1986584E+05		
1.639972E+03	2.2001169E+05	2.4427084E+05	2.8482862E+05	2.1999156E+05
2.2000488E+05	2.1995403E+05	2.1986058E+05		

1.644972E+03	2.2014350E+05	2.4445708E+05	2.8501356E+05	2.2012328E+05
2.2013633E+05	2.2008545E+05	2.2002672E+05		
1.649982E+03	2.2041262E+05	2.4487888E+05	2.8543700E+05	2.2039219E+05
2.2040645E+05	2.2035545E+05	2.2023522E+05		
1.654998E+03	2.2056500E+05	2.4521056E+05	2.8579291E+05	2.2054475E+05
2.2055836E+05	2.2050741E+05	2.2039519E+05		
1.660028E+03	2.2080600E+05	2.4552572E+05	2.8609822E+05	2.2078577E+05
2.2079939E+05	2.2074839E+05	2.2058202E+05		
1.665028E+03	2.2094759E+05	2.4584370E+05	2.8642312E+05	2.2092744E+05
2.2093998E+05	2.2088900E+05	2.2097584E+05		
1.670048E+03	2.2131888E+05	2.4628503E+05	2.8686462E+05	2.2129855E+05
2.2131238E+05	2.2126136E+05	2.2152697E+05		
1.675065E+03	2.2163736E+05	2.4679959E+05	2.8738441E+05	2.2161712E+05
2.2163022E+05	2.2157909E+05	2.2200895E+05		
1.680108E+03	2.2188992E+05	2.4712438E+05	2.8770594E+05	2.2186970E+05
2.2188322E+05	2.2183205E+05	2.2184697E+05		
1.685146E+03	2.2239731E+05	2.4778286E+05	2.8836106E+05	2.2237730E+05
2.2238878E+05	2.2233745E+05	2.2223514E+05		
1.690150E+03	2.2243741E+05	2.4793162E+05	2.8851219E+05	2.2241727E+05
2.2242850E+05	2.2237730E+05	2.2248655E+05		
1.695192E+03	2.2285800E+05	2.4849025E+05	2.8908031E+05	2.2283711E+05
2.2285214E+05	2.2280077E+05	2.2375280E+05		
1.700202E+03	2.2357409E+05	2.4941806E+05	2.9001225E+05	2.2355230E+05
2.2357316E+05	2.2352177E+05	2.2472173E+05		
1.705202E+03	2.2459728E+05	2.5051428E+05	2.9110169E+05	2.2457644E+05
2.2459362E+05	2.2454206E+05	2.2508164E+05		
1.710202E+03	2.2465055E+05	2.5074734E+05	2.9133581E+05	2.2463031E+05
2.2464052E+05	2.2458883E+05	2.2456566E+05		
1.715202E+03	2.2455686E+05	2.5071923E+05	2.9129719E+05	2.2453633E+05
2.2454841E+05	2.2449672E+05	2.2445686E+05		
1.720212E+03	2.2465495E+05	2.5092945E+05	2.9156391E+05	2.2463459E+05
2.2464631E+05	2.2459462E+05	2.2464716E+05		
1.725225E+03	2.2464592E+05	2.5109241E+05	2.9167328E+05	2.2462500E+05
2.2463908E+05	2.2458739E+05	2.2460464E+05		
1.730267E+03	2.2503211E+05	2.5160722E+05	2.9218562E+05	2.2501134E+05
2.2502566E+05	2.2497400E+05	2.2664014E+05		
1.735300E+03	2.2662256E+05	2.5346542E+05	2.9405044E+05	2.2659620E+05
2.2662867E+05	2.2657630E+05	2.3450152E+05		
1.740300E+03	2.2821389E+05	2.5525856E+05	2.9583444E+05	2.2818761E+05
2.2822989E+05	2.2817756E+05	2.3566555E+05		
1.745300E+03	2.2959962E+05	2.5693291E+05	2.9751434E+05	2.2957194E+05
2.2961017E+05	2.2955755E+05	2.3707133E+05		
1.750300E+03	2.3076434E+05	2.5824245E+05	2.9882100E+05	2.3073677E+05
2.3077327E+05	2.3072012E+05	2.3662233E+05		
1.755300E+03	2.3184088E+05	2.5955492E+05	3.0013106E+05	2.3181486E+05
2.3184398E+05	2.3179095E+05	2.3469592E+05		
1.760300E+03	2.3198261E+05	2.5981289E+05	3.0038378E+05	2.3195764E+05
2.3197756E+05	2.3192470E+05	2.3535341E+05		
1.765300E+03	2.3178328E+05	2.5976773E+05	3.0033556E+05	2.3176020E+05
2.3177806E+05	2.3172552E+05	2.3352269E+05		
1.770300E+03	2.3204036E+05	2.6021672E+05	3.0079138E+05	2.3201622E+05
2.3203658E+05	2.3198269E+05	2.3613023E+05		
1.775300E+03	2.3293105E+05	2.6129448E+05	3.0186147E+05	2.3290392E+05
2.3293859E+05	2.3288517E+05	2.4013586E+05		
1.780300E+03	2.3336247E+05	2.6196928E+05	3.0253862E+05	2.3333864E+05
2.3336766E+05	2.3331430E+05	2.3533116E+05		

1.785300E+03	2.3247994E+05	2.6108986E+05	3.0165241E+05	2.3245970E+05
2.3246527E+05	2.3241269E+05	2.3241309E+05		
1.790312E+03	2.3087650E+05	2.5972277E+05	3.0034772E+05	2.3085550E+05
2.3085956E+05	2.3080706E+05	2.3088827E+05		
1.795348E+03	2.3046231E+05	2.5934175E+05	2.9992566E+05	2.3044164E+05
2.3045191E+05	2.3039952E+05	2.3134717E+05		
1.800348E+03	2.3075925E+05	2.5977945E+05	3.0035872E+05	2.3073861E+05
2.3075205E+05	2.3069956E+05	2.3063223E+05		
1.805392E+03	2.3036362E+05	2.5949914E+05	3.0007925E+05	2.3034380E+05
2.3035089E+05	2.3029852E+05	2.3037577E+05		
1.810392E+03	2.3060805E+05	2.5983675E+05	3.0041059E+05	2.3058772E+05
2.3059770E+05	2.3054523E+05	2.3070142E+05		
1.815392E+03	2.3056075E+05	2.5995656E+05	3.0052947E+05	2.3054075E+05
2.3055034E+05	2.3049794E+05	2.3065173E+05		
1.820392E+03	2.3019631E+05	2.5965336E+05	3.0021956E+05	2.3017642E+05
2.3018491E+05	2.3013264E+05	2.3025566E+05		
1.825392E+03	2.3021903E+05	2.5984097E+05	3.0040944E+05	2.3019875E+05
2.3020894E+05	2.3015652E+05	2.3012916E+05		
1.830440E+03	2.3000152E+05	2.5971473E+05	3.0028172E+05	2.2998147E+05
2.2999194E+05	2.2993967E+05	2.2995536E+05		
1.835440E+03	2.2991648E+05	2.5976570E+05	3.0033009E+05	2.2989595E+05
2.2990703E+05	2.2985467E+05	2.2983373E+05		
1.840440E+03	2.2970348E+05	2.5969091E+05	3.0025409E+05	2.2968295E+05
2.2969538E+05	2.2964309E+05	2.2948884E+05		
1.845440E+03	2.2953816E+05	2.5962892E+05	3.0018834E+05	2.2951756E+05
2.2953028E+05	2.2947797E+05	2.2942659E+05		
1.850440E+03	2.2953338E+05	2.5979605E+05	3.0036019E+05	2.2951264E+05
2.2952575E+05	2.2947344E+05	2.2938142E+05		
1.855440E+03	2.2948364E+05	2.5983403E+05	3.0039378E+05	2.2946281E+05
2.2947633E+05	2.2942411E+05	2.2942916E+05		
1.860440E+03	2.2947855E+05	2.5999650E+05	3.0055719E+05	2.2945777E+05
2.2947125E+05	2.2941892E+05	2.2922747E+05		
1.865440E+03	2.2959012E+05	2.6020486E+05	3.0076244E+05	2.2956958E+05
2.2958184E+05	2.2952959E+05	2.2954361E+05		
1.870459E+03	2.2958233E+05	2.6033891E+05	3.0089928E+05	2.2956156E+05
2.2957448E+05	2.2952223E+05	2.2954797E+05		
1.875459E+03	2.2958592E+05	2.6047738E+05	3.0103909E+05	2.2956505E+05
2.2957888E+05	2.2952666E+05	2.2955033E+05		
1.880459E+03	2.2965695E+05	2.6066356E+05	3.0122238E+05	2.2963608E+05
2.2964934E+05	2.2959698E+05	2.2947508E+05		
1.885502E+03	2.2970892E+05	2.6087862E+05	3.0143812E+05	2.2968795E+05
2.2970158E+05	2.2964925E+05	2.2951073E+05		
1.890502E+03	2.2981070E+05	2.6107762E+05	3.0163291E+05	2.2978978E+05
2.2980356E+05	2.2975122E+05	2.2968681E+05		
1.895548E+03	2.2996333E+05	2.6139456E+05	3.0195272E+05	2.2994248E+05
2.2995592E+05	2.2990361E+05	2.2992616E+05		
1.900587E+03	2.3011186E+05	2.6164319E+05	3.0219912E+05	2.3009116E+05
2.3010442E+05	2.3005206E+05	2.2994934E+05		
1.905594E+03	2.3007211E+05	2.6170670E+05	3.0233678E+05	2.3005200E+05
2.3006227E+05	2.3000992E+05	2.2990275E+05		
1.910599E+03	2.3011795E+05	2.6193544E+05	3.0250650E+05	2.3009719E+05
2.3010916E+05	2.3005689E+05	2.3031909E+05		
1.915604E+03	2.3001900E+05	2.6186650E+05	3.0252922E+05	2.2999816E+05
2.3001139E+05	2.2995908E+05	2.3012977E+05		
1.920619E+03	2.2998723E+05	2.6205202E+05	3.0261756E+05	2.2996630E+05
2.2997931E+05	2.2992695E+05	2.2986523E+05		

1.925623E+03	2.2990392E+05	2.6209247E+05	3.0268788E+05	2.2988328E+05
2.2989706E+05	2.2984477E+05	2.2998142E+05		
1.930635E+03	2.2986670E+05	2.6221144E+05	3.0278019E+05	2.2984578E+05
2.2985944E+05	2.2980711E+05	2.2971905E+05		
1.935664E+03	2.2986734E+05	2.6231009E+05	3.0288284E+05	2.2984622E+05
2.2986059E+05	2.2980838E+05	2.2980431E+05		
1.940709E+03	2.2983520E+05	2.6244134E+05	3.0301284E+05	2.2981427E+05
2.2982800E+05	2.2977577E+05	2.2991644E+05		
1.945709E+03	2.2990081E+05	2.6261659E+05	3.0318266E+05	2.2987980E+05
2.2989427E+05	2.2984198E+05	2.3004811E+05		
1.950755E+03	2.2992952E+05	2.6278553E+05	3.0335184E+05	2.2990864E+05
2.2992273E+05	2.2987055E+05	2.3006395E+05		
1.955762E+03	2.2988706E+05	2.6289009E+05	3.0346369E+05	2.2986592E+05
2.2988108E+05	2.2982891E+05	2.3009939E+05		
1.960784E+03	2.2983556E+05	2.6295250E+05	3.0351753E+05	2.2981462E+05
2.2982850E+05	2.2977627E+05	2.2979005E+05		
1.965832E+03	2.2995334E+05	2.6323750E+05	3.0380294E+05	2.2993217E+05
2.2994681E+05	2.2989448E+05	2.2980509E+05		
1.970878E+03	2.2994183E+05	2.6334347E+05	3.0391975E+05	2.2992064E+05
2.2993606E+05	2.2988380E+05	2.2989383E+05		
1.975889E+03	2.3011386E+05	2.6368072E+05	3.0425066E+05	2.3009250E+05
2.3010747E+05	2.3005506E+05	2.3002230E+05		
1.980934E+03	2.3025369E+05	2.6391700E+05	3.0447978E+05	2.3023241E+05
2.3024747E+05	2.3019520E+05	2.3110311E+05		
1.985934E+03	2.3133981E+05	2.6522031E+05	3.0578391E+05	2.3131378E+05
2.3133809E+05	2.3128528E+05	2.4108959E+05		
1.990934E+03	2.3345725E+05	2.6769044E+05	3.0825331E+05	2.3343177E+05
2.3348202E+05	2.3342908E+05	2.3909394E+05		
1.995934E+03	2.3393069E+05	2.6830659E+05	3.0886369E+05	2.3390527E+05
2.3393042E+05	2.3387716E+05	2.3747903E+05		
2.000034E+03	2.3411544E+05	2.6864422E+05	3.0919884E+05	2.3409031E+05
2.3410836E+05	2.3405594E+05	2.3684612E+05		

TIME (sec)	P990101	P990201	P990301	P990704
P991004	P991504	P991604		
1.000000E-10	7.3116600E+06	7.3016300E+06	7.2901000E+06	7.2600100E+06
7.2388300E+06	7.2007845E+06	7.1890800E+06		
1.003469E-01	7.3052140E+06	7.2955340E+06	7.2847625E+06	7.2481525E+06
7.2263825E+06	7.1889195E+06	7.1778265E+06		
2.016405E-01	7.3026150E+06	7.2926405E+06	7.2811770E+06	7.2505660E+06
7.2293385E+06	7.1910065E+06	7.1787460E+06		
3.143499E-01	7.2974255E+06	7.2874520E+06	7.2759855E+06	7.2450070E+06
7.2237270E+06	7.1854200E+06	7.1731965E+06		
4.176774E-01	7.2925120E+06	7.2825605E+06	7.2711200E+06	7.2397220E+06
7.2183370E+06	7.1798565E+06	7.1674900E+06		
5.179474E-01	7.2872815E+06	7.2773240E+06	7.2658735E+06	7.2346935E+06
7.2134000E+06	7.1750810E+06	7.1627910E+06		
6.236274E-01	7.2816310E+06	7.2716810E+06	7.2602350E+06	7.2289665E+06
7.2076620E+06	7.1693310E+06	7.1570275E+06		
7.657229E-01	7.2736350E+06	7.2636885E+06	7.2522485E+06	7.2208490E+06
7.1995265E+06	7.1611675E+06	7.1488325E+06		
8.878756E-01	7.2662390E+06	7.2562980E+06	7.2448610E+06	7.2134330E+06
7.1921250E+06	7.1537985E+06	7.1414810E+06		
9.933645E-01	7.2597570E+06	7.2498150E+06	7.2383680E+06	7.2071105E+06
7.1858610E+06	7.1476440E+06	7.1353950E+06		
1.524044E+00	7.2302490E+06	7.2203225E+06	7.2088955E+06	7.1774190E+06
7.1561360E+06	7.1179135E+06	7.1057280E+06		

2.030162E+00	7.2027585E+06	7.1928525E+06	7.1814495E+06	7.1496220E+06
7.1282900E+06	7.0900555E+06	7.0773325E+06		
2.550346E+00	7.1630110E+06	7.1530215E+06	7.1414285E+06	7.1116860E+06
7.0908960E+06	7.0536770E+06	7.0406080E+06		
3.062366E+00	7.1256190E+06	7.1155575E+06	7.1039265E+06	7.0746545E+06
7.0537240E+06	7.0163565E+06	7.0039530E+06		
3.562366E+00	7.0557000E+06	7.0455980E+06	7.0339405E+06	7.0051715E+06
6.9842605E+06	6.9470100E+06	6.9346730E+06		
4.082775E+00	6.9685815E+06	6.9584260E+06	6.9467140E+06	6.9184925E+06
6.8975960E+06	6.8604305E+06	6.8481295E+06		
4.604100E+00	6.8892950E+06	6.8790840E+06	6.8673425E+06	6.8396730E+06
6.8187455E+06	6.7815810E+06	6.7693100E+06		
5.125216E+00	6.8166730E+06	6.8064230E+06	6.7946595E+06	6.7672330E+06
6.7462460E+06	6.7090275E+06	6.6967765E+06		
5.625216E+00	6.7522485E+06	6.7419680E+06	6.7301855E+06	6.7030455E+06
6.6820720E+06	6.6449265E+06	6.6327430E+06		
6.125216E+00	6.6945435E+06	6.6842415E+06	6.6724510E+06	6.6453950E+06
6.6243835E+06	6.5872550E+06	6.5750785E+06		
6.625216E+00	6.6417105E+06	6.6314125E+06	6.6196440E+06	6.5923310E+06
6.5712495E+06	6.5341605E+06	6.5222930E+06		
7.125216E+00	6.5955720E+06	6.5852765E+06	6.5735170E+06	6.5461655E+06
6.5250950E+06	6.4881695E+06	6.4780480E+06		
7.625216E+00	6.5585915E+06	6.5483200E+06	6.5365945E+06	6.5087905E+06
6.4876470E+06	6.4507050E+06	6.4421040E+06		
8.125216E+00	6.5263885E+06	6.5161445E+06	6.5044490E+06	6.4762810E+06
6.4551175E+06	6.4182775E+06	6.4116360E+06		
8.625216E+00	6.5067440E+06	6.4965165E+06	6.4848265E+06	6.4565600E+06
6.4354195E+06	6.3986885E+06	6.3944740E+06		
9.146049E+00	6.5159840E+06	6.5057950E+06	6.4941400E+06	6.4653340E+06
6.4441250E+06	6.4083020E+06	6.4062805E+06		
9.646049E+00	6.5357335E+06	6.5256430E+06	6.5141310E+06	6.4834805E+06
6.4619210E+06	6.4299925E+06	6.4274360E+06		
1.014605E+01	6.5453245E+06	6.5353205E+06	6.5238815E+06	6.4923445E+06
6.4707830E+06	6.4425295E+06	6.4397370E+06		
1.064605E+01	6.5409810E+06	6.5311025E+06	6.5197970E+06	6.4865305E+06
6.4647985E+06	6.4407685E+06	6.4382460E+06		
1.114605E+01	6.5234680E+06	6.5136770E+06	6.5024245E+06	6.4685305E+06
6.4468950E+06	6.4264955E+06	6.4240975E+06		
1.164605E+01	6.5096005E+06	6.4998945E+06	6.4887205E+06	6.4538085E+06
6.4321055E+06	6.4151000E+06	6.4126885E+06		
1.214605E+01	6.4875385E+06	6.4778650E+06	6.4666355E+06	6.4323550E+06
6.4110520E+06	6.3961725E+06	6.3930315E+06		
1.264605E+01	6.4580685E+06	6.4484640E+06	6.4373220E+06	6.4018730E+06
6.3802960E+06	6.3674050E+06	6.3640260E+06		
1.314605E+01	6.4307175E+06	6.4212010E+06	6.4102115E+06	6.3728280E+06
6.3512205E+06	6.3403580E+06	6.3380935E+06		
1.364605E+01	6.3773315E+06	6.3679300E+06	6.3570885E+06	6.3175155E+06
6.2960815E+06	6.2888650E+06	6.2868195E+06		
1.414605E+01	6.3225395E+06	6.3130995E+06	6.3021240E+06	6.2641005E+06
6.2430140E+06	6.2346600E+06	6.2329385E+06		
1.464605E+01	6.2598910E+06	6.2504460E+06	6.2394195E+06	6.2019305E+06
6.1799960E+06	6.1728210E+06	6.1712620E+06		
1.514605E+01	6.1936085E+06	6.1841735E+06	6.1731355E+06	6.1357605E+06
6.1140965E+06	6.1072100E+06	6.1055080E+06		
1.564605E+01	6.1304485E+06	6.1210310E+06	6.1100170E+06	6.0726350E+06
6.0510495E+06	6.0441705E+06	6.0428310E+06		

1.614605E+01	6.0695855E+06	6.0601900E+06	6.0492035E+06	6.0115925E+06
5.9899555E+06	5.9830955E+06	5.9819030E+06		
1.664605E+01	6.0105310E+06	6.0011685E+06	5.9902355E+06	5.9521070E+06
5.9303725E+06	5.9234570E+06	5.9223910E+06		
1.714605E+01	5.9512795E+06	5.9419305E+06	5.9310110E+06	5.8929845E+06
5.8713200E+06	5.8640485E+06	5.8630705E+06		
1.764605E+01	5.8939895E+06	5.8846275E+06	5.8736715E+06	5.8363815E+06
5.8157375E+06	5.8068280E+06	5.8059225E+06		
1.814605E+01	5.8452015E+06	5.8358470E+06	5.8249025E+06	5.7874440E+06
5.7666690E+06	5.7578340E+06	5.7569940E+06		
1.864605E+01	5.7927390E+06	5.7835400E+06	5.7729300E+06	5.7310970E+06
5.7091005E+06	5.7015095E+06	5.7012430E+06		
1.914605E+01	5.7423455E+06	5.7329450E+06	5.7218955E+06	5.6857470E+06
5.6649605E+06	5.6552005E+06	5.6542955E+06		
1.964605E+01	5.6995880E+06	5.6901305E+06	5.6789555E+06	5.6441775E+06
5.6235750E+06	5.6139055E+06	5.6129320E+06		
2.014605E+01	5.6613835E+06	5.6519650E+06	5.6408660E+06	5.6043740E+06
5.5831805E+06	5.5735110E+06	5.5724430E+06		
2.064605E+01	5.6265810E+06	5.6171855E+06	5.6061050E+06	5.5692455E+06
5.5478160E+06	5.5382495E+06	5.5370770E+06		
2.114605E+01	5.5948875E+06	5.5855810E+06	5.5746175E+06	5.5376195E+06
5.5161240E+06	5.5067405E+06	5.5054740E+06		
2.164605E+01	5.5663520E+06	5.5572295E+06	5.5465535E+06	5.5091590E+06
5.4875545E+06	5.4780035E+06	5.4766665E+06		
2.214605E+01	5.5415390E+06	5.5326530E+06	5.5223440E+06	5.4845145E+06
5.4626420E+06	5.4531135E+06	5.4521910E+06		
2.266648E+01	5.5163375E+06	5.5076725E+06	5.4977010E+06	5.4612590E+06
5.4398440E+06	5.4288455E+06	5.4275850E+06		
2.318409E+01	5.4912535E+06	5.4828545E+06	5.4732805E+06	5.4381065E+06
5.4170480E+06	5.4050805E+06	5.4038695E+06		
2.368409E+01	5.4686765E+06	5.4606605E+06	5.4520395E+06	5.4163475E+06
5.3958045E+06	5.3830515E+06	5.3818500E+06		
2.418409E+01	5.4478355E+06	5.4397520E+06	5.4310250E+06	5.3946615E+06
5.3728095E+06	5.3581830E+06	5.3567395E+06		
2.468420E+01	5.4190535E+06	5.4106940E+06	5.4002720E+06	5.3691285E+06
5.3478595E+06	5.3333685E+06	5.3318760E+06		
2.518866E+01	5.3915440E+06	5.3834325E+06	5.3739965E+06	5.3424770E+06
5.3213620E+06	5.3065770E+06	5.3051055E+06		
2.570592E+01	5.3646420E+06	5.3566075E+06	5.3470390E+06	5.3156235E+06
5.2944165E+06	5.2789270E+06	5.2776940E+06		
2.622136E+01	5.3369570E+06	5.3294980E+06	5.3219030E+06	5.2889205E+06
5.2680415E+06	5.2511910E+06	5.2499430E+06		
2.673972E+01	5.3107175E+06	5.3028955E+06	5.2939085E+06	5.2643815E+06
5.2440400E+06	5.2262835E+06	5.2247510E+06		
2.724740E+01	5.2860965E+06	5.2782535E+06	5.2690870E+06	5.2407885E+06
5.2207630E+06	5.2020490E+06	5.2004925E+06		
2.776852E+01	5.2622175E+06	5.2547985E+06	5.2470620E+06	5.2170340E+06
5.1974805E+06	5.1777685E+06	5.1758590E+06		
2.828743E+01	5.2365160E+06	5.2291045E+06	5.2214250E+06	5.1922075E+06
5.1731940E+06	5.1527880E+06	5.1506765E+06		
2.878743E+01	5.2111290E+06	5.2034415E+06	5.1947410E+06	5.1681025E+06
5.1495650E+06	5.1283160E+06	5.1260295E+06		
2.928743E+01	5.1861320E+06	5.1784440E+06	5.1697375E+06	5.1438030E+06
5.1255865E+06	5.1034210E+06	5.1009275E+06		
2.978743E+01	5.1610385E+06	5.1532605E+06	5.1441915E+06	5.1192125E+06
5.1013335E+06	5.0782915E+06	5.0756825E+06		

3.028743E+01	5.1353540E+06	5.1276575E+06	5.1189375E+06	5.0943135E+06
5.0768360E+06	5.0529530E+06	5.0502765E+06		
3.078743E+01	5.1104010E+06	5.1030820E+06	5.0955845E+06	5.0693215E+06
5.0522655E+06	5.0275495E+06	5.0248415E+06		
3.128743E+01	5.0849530E+06	5.0776140E+06	5.0700800E+06	5.0444915E+06
5.0278070E+06	5.0022100E+06	4.9996250E+06		
3.178743E+01	5.0581550E+06	5.0505525E+06	5.0419710E+06	5.0187665E+06
5.0025405E+06	4.9761125E+06	4.9734000E+06		
3.228743E+01	5.0313740E+06	5.0237495E+06	5.0150955E+06	4.9928005E+06
4.9770055E+06	4.9497535E+06	4.9470395E+06		
3.278743E+01	5.0048760E+06	4.9972975E+06	4.9887430E+06	4.9670280E+06
4.9517095E+06	4.9236330E+06	4.9208885E+06		
3.328743E+01	4.9780185E+06	4.9704645E+06	4.9619445E+06	4.9408465E+06
4.9257300E+06	4.8973280E+06	4.8945390E+06		
3.378743E+01	4.9542045E+06	4.9465475E+06	4.9378140E+06	4.9183600E+06
4.9040205E+06	4.8755385E+06	4.8714335E+06		
3.428743E+01	4.9297920E+06	4.9222265E+06	4.9136605E+06	4.8933510E+06
4.8786465E+06	4.8483805E+06	4.8455380E+06		
3.478743E+01	4.9017905E+06	4.8946475E+06	4.8875015E+06	4.8651285E+06
4.8503480E+06	4.8188350E+06	4.8160580E+06		
3.528743E+01	4.8702925E+06	4.8626515E+06	4.8535495E+06	4.8341960E+06
4.8193600E+06	4.7874050E+06	4.7849900E+06		
3.578743E+01	4.8388795E+06	4.8318870E+06	4.8250590E+06	4.8032460E+06
4.7882260E+06	4.7552915E+06	4.7528750E+06		
3.628743E+01	4.8056540E+06	4.7979890E+06	4.7887610E+06	4.7722385E+06
4.7571375E+06	4.7233835E+06	4.7210900E+06		
3.678743E+01	4.7758635E+06	4.7688325E+06	4.7618360E+06	4.7421025E+06
4.7271755E+06	4.6933170E+06	4.6908260E+06		
3.728743E+01	4.7451435E+06	4.7381600E+06	4.7312515E+06	4.7117560E+06
4.6967240E+06	4.6631425E+06	4.6605940E+06		
3.778743E+01	4.7136960E+06	4.7060680E+06	4.6967960E+06	4.6816865E+06
4.6662350E+06	4.6329190E+06	4.6299735E+06		
3.830806E+01	4.6813605E+06	4.6737235E+06	4.6644380E+06	4.6502510E+06
4.6341730E+06	4.6013125E+06	4.5983770E+06		
3.880806E+01	4.6518055E+06	4.6447745E+06	4.6374130E+06	4.6200610E+06
4.6031905E+06	4.5714380E+06	4.5679860E+06		
3.930806E+01	4.6211885E+06	4.6140470E+06	4.6064520E+06	4.5905870E+06
4.5727645E+06	4.5416570E+06	4.5377080E+06		
3.983299E+01	4.5896015E+06	4.5826210E+06	4.5753645E+06	4.5588025E+06
4.5397510E+06	4.5104815E+06	4.5060165E+06		
4.034888E+01	4.5601665E+06	4.5532400E+06	4.5466050E+06	4.5295465E+06
4.5078675E+06	4.4784620E+06	4.4750360E+06		
4.086869E+01	4.5254420E+06	4.5178205E+06	4.5084275E+06	4.4962570E+06
4.4741065E+06	4.4473310E+06	4.4441490E+06		
4.137451E+01	4.4961115E+06	4.4886300E+06	4.4794735E+06	4.4647895E+06
4.4429065E+06	4.4187350E+06	4.4156790E+06		
4.188536E+01	4.4660300E+06	4.4585500E+06	4.4493695E+06	4.4332655E+06
4.4111265E+06	4.3889340E+06	4.3858795E+06		
4.239460E+01	4.4352405E+06	4.4284620E+06	4.4221525E+06	4.4008760E+06
4.3790395E+06	4.3590110E+06	4.3560190E+06		
4.290141E+01	4.4048435E+06	4.3974665E+06	4.3885035E+06	4.3676605E+06
4.3457480E+06	4.3282415E+06	4.3252775E+06		
4.340367E+01	4.3752915E+06	4.3677775E+06	4.3584545E+06	4.3357390E+06
4.3128790E+06	4.2974305E+06	4.2941660E+06		
4.391029E+01	4.3461935E+06	4.3393820E+06	4.3331205E+06	4.3022045E+06
4.2801920E+06	4.2677875E+06	4.2644680E+06		

4.442013E+01	4.3157210E+06	4.3089820E+06	4.3028590E+06	4.2693385E+06
4.2472740E+06	4.2377600E+06	4.2342760E+06		
4.493227E+01	4.2849980E+06	4.2774795E+06	4.2682130E+06	4.2363260E+06
4.2142520E+06	4.2069970E+06	4.2036280E+06		
4.543827E+01	4.2544035E+06	4.2469190E+06	4.2376895E+06	4.2032545E+06
4.1822618E+06	4.1769262E+06	4.1732982E+06		
4.593893E+01	4.2251800E+06	4.2181245E+06	4.2115775E+06	4.1718958E+06
4.1544558E+06	4.1485952E+06	4.1449355E+06		
4.644418E+01	4.1995565E+06	4.1925525E+06	4.1856288E+06	4.1427548E+06
4.1282768E+06	4.1219678E+06	4.1180435E+06		
4.695213E+01	4.1714500E+06	4.1643275E+06	4.1573750E+06	4.1144778E+06
4.1030702E+06	4.0964522E+06	4.0923242E+06		
4.745940E+01	4.1459048E+06	4.1382772E+06	4.1301838E+06	4.0862002E+06
4.0770488E+06	4.0706000E+06	4.0668005E+06		
4.797015E+01	4.1187392E+06	4.1112185E+06	4.1040380E+06	4.0587058E+06
4.0515395E+06	4.0451038E+06	4.0413785E+06		
4.847311E+01	4.0919168E+06	4.0845112E+06	4.0773868E+06	4.0323375E+06
4.0269878E+06	4.0206222E+06	4.0169510E+06		
4.898312E+01	4.0649272E+06	4.0572120E+06	4.0491890E+06	4.0065272E+06
4.0025090E+06	3.9962035E+06	3.9926392E+06		
4.948804E+01	4.0389082E+06	4.0310520E+06	4.0231120E+06	3.9788828E+06
3.9758012E+06	3.9705765E+06	3.9689505E+06		
4.999225E+01	4.0170325E+06	4.0091680E+06	4.0010698E+06	3.9627155E+06
3.9595852E+06	3.9516742E+06	3.9438672E+06		
5.049424E+01	3.9920132E+06	3.9840158E+06	3.9758292E+06	3.9330800E+06
3.9265325E+06	3.9247315E+06	3.9227195E+06		
5.099622E+01	3.9669808E+06	3.9581852E+06	3.9478720E+06	3.9093335E+06
3.9062795E+06	3.8995005E+06	3.8984138E+06		
5.149626E+01	3.9468132E+06	3.9375772E+06	3.9277492E+06	3.8911280E+06
3.8880832E+06	3.8796258E+06	3.8732888E+06		
5.199947E+01	3.9255755E+06	3.9164195E+06	3.9047130E+06	3.8697065E+06
3.8668450E+06	3.8591252E+06	3.8503665E+06		
5.250106E+01	3.9009282E+06	3.8926905E+06	3.8839880E+06	3.8434528E+06
3.8397400E+06	3.8333578E+06	3.8298118E+06		
5.300600E+01	3.8760140E+06	3.8671672E+06	3.8566470E+06	3.8222990E+06
3.8183322E+06	3.8094790E+06	3.8065508E+06		
5.351564E+01	3.8536625E+06	3.8454608E+06	3.8370878E+06	3.7977482E+06
3.7930102E+06	3.7869322E+06	3.7838315E+06		
5.402672E+01	3.8320698E+06	3.8238872E+06	3.8153148E+06	3.7741815E+06
3.7707308E+06	3.7652672E+06	3.7606755E+06		
5.452872E+01	3.8082245E+06	3.8000118E+06	3.7915728E+06	3.7513715E+06
3.7474495E+06	3.7416880E+06	3.7383778E+06		
5.503849E+01	3.7844245E+06	3.7761872E+06	3.7679520E+06	3.7278312E+06
3.7236400E+06	3.7191528E+06	3.7159038E+06		
5.554660E+01	3.7627595E+06	3.7550848E+06	3.7483780E+06	3.7068595E+06
3.7015102E+06	3.6958892E+06	3.6928152E+06		
5.606082E+01	3.7403180E+06	3.7322702E+06	3.7241145E+06	3.6848732E+06
3.6785122E+06	3.6735440E+06	3.6706168E+06		
5.657179E+01	3.7218442E+06	3.7138570E+06	3.7063970E+06	3.6645585E+06
3.6567085E+06	3.6524518E+06	3.6497690E+06		
5.707279E+01	3.7056625E+06	3.6974245E+06	3.6883058E+06	3.6465742E+06
3.6382622E+06	3.6333965E+06	3.6305160E+06		
5.758298E+01	3.6810158E+06	3.6734868E+06	3.6664022E+06	3.6261105E+06
3.6169858E+06	3.6135315E+06	3.6114848E+06		
5.810007E+01	3.6614415E+06	3.6539758E+06	3.6463248E+06	3.6076648E+06
3.5974670E+06	3.5942548E+06	3.5923372E+06		

5.860656E+01	3.6415965E+06	3.6340575E+06	3.6267700E+06	3.5900468E+06
3.5779255E+06	3.5747188E+06	3.5726672E+06		
5.912025E+01	3.6225675E+06	3.6151845E+06	3.6081512E+06	3.5719122E+06
3.5583735E+06	3.5553665E+06	3.5535665E+06		
5.962025E+01	3.6044168E+06	3.5969778E+06	3.5896942E+06	3.5548430E+06
3.5400342E+06	3.5371552E+06	3.5354435E+06		
6.012025E+01	3.5852082E+06	3.5773108E+06	3.5678098E+06	3.5378135E+06
3.5226178E+06	3.5190045E+06	3.5173662E+06		
6.062025E+01	3.5659848E+06	3.5581708E+06	3.5492660E+06	3.5207258E+06
3.5060355E+06	3.5005180E+06	3.4990015E+06		
6.112025E+01	3.5473078E+06	3.5396385E+06	3.5309735E+06	3.5030518E+06
3.4884228E+06	3.4819610E+06	3.4805248E+06		
6.162025E+01	3.5282405E+06	3.5206178E+06	3.5120018E+06	3.4851730E+06
3.4708062E+06	3.4629088E+06	3.4615642E+06		
6.212025E+01	3.5088302E+06	3.5012502E+06	3.4926790E+06	3.4669358E+06
3.4528908E+06	3.4438815E+06	3.4425630E+06		
6.262025E+01	3.4890658E+06	3.4814358E+06	3.4727335E+06	3.4480920E+06
3.4343332E+06	3.4240530E+06	3.4228970E+06		
6.312025E+01	3.4690502E+06	3.4614515E+06	3.4527778E+06	3.4289580E+06
3.4154725E+06	3.4040748E+06	3.4029862E+06		
6.362025E+01	3.4488628E+06	3.4413535E+06	3.4328190E+06	3.4095772E+06
3.3963300E+06	3.3838335E+06	3.3827625E+06		
6.412025E+01	3.4286070E+06	3.4211365E+06	3.4126722E+06	3.3896515E+06
3.3766075E+06	3.3633485E+06	3.3623835E+06		
6.462025E+01	3.4083010E+06	3.4009352E+06	3.3926628E+06	3.3696975E+06
3.3569108E+06	3.3428740E+06	3.3419720E+06		
6.514344E+01	3.3870472E+06	3.3795280E+06	3.3703350E+06	3.3488332E+06
3.3362320E+06	3.3213685E+06	3.3205252E+06		
6.566270E+01	3.3659498E+06	3.3584725E+06	3.3492882E+06	3.3279978E+06
3.3155762E+06	3.3000610E+06	3.2992768E+06		
6.618295E+01	3.3442392E+06	3.3369190E+06	3.3286658E+06	3.3072958E+06
3.2950925E+06	3.2789100E+06	3.2781688E+06		
6.668818E+01	3.3237165E+06	3.3164252E+06	3.3082432E+06	3.2871252E+06
3.2750958E+06	3.2584142E+06	3.2577095E+06		
6.719306E+01	3.3037275E+06	3.2964465E+06	3.2882800E+06	3.2677048E+06
3.2556680E+06	3.2383578E+06	3.2376555E+06		
6.770707E+01	3.2837120E+06	3.2764552E+06	3.2683465E+06	3.2483340E+06
3.2365908E+06	3.2191482E+06	3.2183745E+06		
6.821601E+01	3.2643348E+06	3.2569542E+06	3.2484690E+06	3.2290975E+06
3.2178008E+06	3.1999312E+06	3.1991545E+06		
6.872067E+01	3.2449278E+06	3.2376978E+06	3.2296352E+06	3.2108282E+06
3.1993190E+06	3.1812792E+06	3.1800125E+06		
6.922510E+01	3.2254455E+06	3.2182370E+06	3.2102105E+06	3.1915512E+06
3.1805058E+06	3.1629425E+06	3.1609275E+06		
6.973701E+01	3.2055805E+06	3.1983482E+06	3.1902495E+06	3.1721820E+06
3.1615292E+06	3.1440098E+06	3.1401328E+06		
7.023885E+01	3.1845855E+06	3.1773990E+06	3.1694002E+06	3.1509680E+06
3.1417270E+06	3.1239318E+06	3.1196032E+06		
7.074079E+01	3.1640340E+06	3.1568440E+06	3.1488145E+06	3.1308622E+06
3.1205978E+06	3.1044302E+06	3.0998825E+06		
7.124079E+01	3.1437092E+06	3.1365405E+06	3.1285342E+06	3.1100938E+06
3.0993118E+06	3.0835730E+06	3.0792665E+06		
7.175066E+01	3.1214442E+06	3.1143688E+06	3.1065620E+06	3.0871328E+06
3.0767668E+06	3.0621222E+06	3.0585170E+06		
7.227091E+01	3.0988765E+06	3.0918318E+06	3.0839802E+06	3.0643292E+06
3.0543802E+06	3.0407170E+06	3.0375265E+06		

7.277091E+01	3.0796715E+06	3.0726280E+06	3.0647370E+06	3.0452745E+06
3.0352372E+06	3.0218155E+06	3.0187480E+06		
7.327091E+01	3.0605010E+06	3.0534378E+06	3.0454942E+06	3.0259078E+06
3.0158798E+06	3.0027878E+06	2.9999262E+06		
7.377091E+01	3.0419095E+06	3.0348225E+06	3.0268428E+06	3.0073690E+06
2.9973502E+06	2.9845528E+06	2.9818512E+06		
7.427091E+01	3.0264370E+06	3.0193972E+06	3.0115998E+06	2.9932355E+06
2.9833765E+06	2.9706762E+06	2.9681825E+06		
7.478299E+01	3.0106402E+06	3.0034170E+06	2.9951862E+06	2.9706135E+06
2.9599070E+06	2.9486940E+06	2.9464755E+06		
7.528299E+01	2.9823525E+06	2.9752592E+06	2.9674012E+06	2.9468148E+06
2.9362840E+06	2.9242442E+06	2.9217310E+06		
7.578299E+01	2.9577368E+06	2.9507232E+06	2.9429258E+06	2.9232315E+06
2.9129608E+06	2.9013760E+06	2.8987312E+06		
7.628299E+01	2.9345332E+06	2.9275980E+06	2.9198695E+06	2.8998372E+06
2.8894520E+06	2.8779645E+06	2.8754320E+06		
7.678299E+01	2.9116965E+06	2.9048042E+06	2.8971318E+06	2.8773005E+06
2.8668420E+06	2.8553512E+06	2.8528440E+06		
7.728299E+01	2.8893235E+06	2.8824435E+06	2.8747878E+06	2.8548998E+06
2.8443618E+06	2.8328260E+06	2.8303762E+06		
7.778299E+01	2.8674350E+06	2.8605375E+06	2.8528755E+06	2.8332592E+06
2.8226705E+06	2.8110448E+06	2.8086275E+06		
7.830791E+01	2.8454948E+06	2.8385862E+06	2.8309330E+06	2.8113315E+06
2.8006650E+06	2.7890665E+06	2.7868248E+06		
7.880791E+01	2.8250072E+06	2.8181132E+06	2.8105168E+06	2.7908690E+06
2.7802042E+06	2.7685625E+06	2.7663940E+06		
7.930791E+01	2.8048440E+06	2.7979395E+06	2.7903240E+06	2.7708595E+06
2.7601570E+06	2.7484425E+06	2.7463698E+06		
7.980791E+01	2.7849608E+06	2.7780198E+06	2.7703358E+06	2.7513512E+06
2.7405768E+06	2.7286348E+06	2.7266195E+06		
8.030791E+01	2.7648630E+06	2.7578875E+06	2.7501500E+06	2.7316465E+06
2.7209662E+06	2.7088858E+06	2.7068955E+06		
8.080791E+01	2.7450592E+06	2.7381020E+06	2.7304028E+06	2.7122268E+06
2.7016802E+06	2.6895228E+06	2.6875442E+06		
8.130791E+01	2.7257508E+06	2.7187810E+06	2.7110588E+06	2.6933078E+06
2.6828518E+06	2.6705345E+06	2.6685162E+06		
8.180791E+01	2.7068325E+06	2.6998220E+06	2.6920255E+06	2.6743760E+06
2.6640735E+06	2.6516635E+06	2.6495688E+06		
8.230791E+01	2.6874170E+06	2.6804612E+06	2.6727820E+06	2.6556570E+06
2.6454725E+06	2.6330292E+06	2.6308202E+06		
8.280791E+01	2.6686902E+06	2.6617450E+06	2.6540640E+06	2.6372358E+06
2.6271995E+06	2.6147755E+06	2.6124678E+06		
8.330791E+01	2.6503338E+06	2.6433852E+06	2.6357082E+06	2.6190725E+06
2.6091835E+06	2.5968335E+06	2.5944048E+06		
8.380791E+01	2.6321152E+06	2.6251632E+06	2.6174848E+06	2.6009975E+06
2.5912560E+06	2.5790385E+06	2.5765525E+06		
8.430791E+01	2.6138195E+06	2.6068560E+06	2.5991572E+06	2.5828055E+06
2.5732098E+06	2.5610812E+06	2.5584910E+06		
8.483009E+01	2.5947138E+06	2.5877732E+06	2.5801340E+06	2.5637110E+06
2.5543225E+06	2.5423435E+06	2.5395292E+06		
8.533189E+01	2.5768640E+06	2.5699208E+06	2.5622685E+06	2.5457195E+06
2.5365268E+06	2.5249620E+06	2.5223030E+06		
8.583189E+01	2.5593638E+06	2.5524170E+06	2.5448175E+06	2.5278270E+06
2.5188148E+06	2.5074952E+06	2.5048048E+06		
8.634407E+01	2.5413340E+06	2.5343882E+06	2.5266552E+06	2.5097520E+06
2.5009530E+06	2.4900122E+06	2.4874515E+06		

8.686680E+01	2.5234625E+06	2.5165830E+06	2.5089032E+06	2.4907162E+06
2.4826220E+06	2.4718570E+06	2.4691770E+06		
8.738983E+01	2.5048775E+06	2.4979498E+06	2.4902120E+06	2.4720688E+06
2.4640448E+06	2.4539682E+06	2.4512668E+06		
8.789572E+01	2.4878648E+06	2.4809438E+06	2.4732320E+06	2.4546515E+06
2.4459588E+06	2.4365478E+06	2.4344328E+06		
8.841684E+01	2.4711698E+06	2.4642070E+06	2.4563855E+06	2.4398732E+06
2.4356518E+06	2.4289412E+06	2.4262708E+06		
8.892328E+01	2.4543490E+06	2.4473665E+06	2.4396162E+06	2.4199498E+06
2.4116222E+06	2.4013765E+06	2.3989800E+06		
8.943372E+01	2.4358482E+06	2.4292145E+06	2.4220975E+06	2.4026572E+06
2.3939050E+06	2.3856115E+06	2.3836738E+06		
8.995622E+01	2.4195195E+06	2.4126115E+06	2.4049602E+06	2.3849902E+06
2.3761080E+06	2.3687458E+06	2.3667000E+06		
9.045622E+01	2.4032200E+06	2.3962805E+06	2.3885920E+06	2.3687748E+06
2.3596995E+06	2.3524528E+06	2.3503942E+06		
9.096755E+01	2.3867622E+06	2.3798032E+06	2.3719632E+06	2.3529675E+06
2.3436508E+06	2.3363298E+06	2.3340980E+06		
9.146755E+01	2.3718202E+06	2.3648040E+06	2.3569380E+06	2.3371145E+06
2.3276940E+06	2.3207558E+06	2.3187562E+06		
9.196755E+01	2.3565405E+06	2.3495045E+06	2.3416715E+06	2.3222832E+06
2.3127622E+06	2.3058672E+06	2.3038490E+06		
9.248622E+01	2.3409072E+06	2.3338810E+06	2.3260875E+06	2.3064335E+06
2.2967860E+06	2.2902168E+06	2.2884885E+06		
9.299437E+01	2.3255000E+06	2.3184308E+06	2.3105675E+06	2.2912530E+06
2.2814640E+06	2.2749002E+06	2.2731670E+06		
9.350123E+01	2.3100248E+06	2.3030175E+06	2.2952578E+06	2.2755980E+06
2.2656670E+06	2.2591468E+06	2.2576488E+06		
9.401919E+01	2.2942808E+06	2.2870880E+06	2.2790168E+06	2.2624558E+06
2.2518198E+06	2.2446535E+06	2.2414948E+06		
9.453943E+01	2.2772365E+06	2.2702832E+06	2.2626258E+06	2.2457968E+06
2.2351405E+06	2.2278240E+06	2.2255875E+06		
9.504118E+01	2.2635025E+06	2.2565618E+06	2.2489410E+06	2.2291940E+06
2.2193438E+06	2.2125202E+06	2.2110530E+06		
9.554896E+01	2.2484140E+06	2.2414295E+06	2.2336995E+06	2.2152668E+06
2.2047038E+06	2.1974615E+06	2.1959722E+06		
9.604896E+01	2.2324882E+06	2.2254862E+06	2.2176775E+06	2.2005112E+06
2.1900512E+06	2.1823345E+06	2.1807438E+06		
9.654896E+01	2.2178098E+06	2.2109595E+06	2.2034825E+06	2.1845065E+06
2.1746065E+06	2.1667860E+06	2.1655338E+06		
9.706335E+01	2.2019680E+06	2.1948968E+06	2.1866748E+06	2.1696890E+06
2.1596685E+06	2.1510150E+06	2.1494520E+06		
9.758144E+01	2.1864500E+06	2.1796092E+06	2.1720150E+06	2.1544040E+06
2.1446030E+06	2.1358602E+06	2.1344308E+06		
9.808710E+01	2.1717695E+06	2.1649010E+06	2.1571862E+06	2.1394788E+06
2.1298938E+06	2.1209270E+06	2.1196162E+06		
9.859486E+01	2.1579010E+06	2.1511825E+06	2.1440132E+06	2.1254515E+06
2.1160878E+06	2.1069462E+06	2.1057640E+06		
9.910259E+01	2.1440462E+06	2.1371285E+06	2.1294648E+06	2.1120472E+06
2.1026715E+06	2.0931535E+06	2.0920175E+06		
9.960883E+01	2.1312200E+06	2.1242372E+06	2.1164035E+06	2.0986532E+06
2.0891571E+06	2.0795390E+06	2.0784214E+06		
1.050470E+02	2.0016618E+06	1.9944585E+06	1.9864681E+06	1.9706754E+06
1.9620482E+06	1.9519931E+06	1.9505298E+06		
1.100490E+02	1.8934646E+06	1.8871450E+06	1.8782319E+06	1.8571830E+06
1.8472458E+06	1.8427175E+06	1.8401591E+06		

1.150536E+02	1.7818131E+06	1.7741834E+06	1.7650832E+06	1.7464581E+06
1.7352784E+06	1.7327365E+06	1.7300768E+06		
1.200844E+02	1.6810525E+06	1.6737851E+06	1.6655825E+06	1.6461266E+06
1.6349290E+06	1.6321655E+06	1.6301172E+06		
1.251066E+02	1.5913150E+06	1.5837146E+06	1.5744038E+06	1.5541486E+06
1.5442829E+06	1.5403149E+06	1.5388130E+06		
1.301141E+02	1.4875074E+06	1.4803050E+06	1.4719426E+06	1.4532136E+06
1.4426115E+06	1.4369521E+06	1.4357112E+06		
1.351283E+02	1.4033001E+06	1.3959978E+06	1.3876815E+06	1.3694025E+06
1.3596421E+06	1.3537669E+06	1.3528526E+06		
1.401329E+02	1.3361878E+06	1.3286552E+06	1.3194804E+06	1.3026735E+06
1.2940804E+06	1.2872649E+06	1.2862729E+06		
1.451352E+02	1.2754429E+06	1.2678252E+06	1.2588051E+06	1.2425159E+06
1.2329795E+06	1.2259916E+06	1.2248972E+06		
1.501399E+02	1.2141411E+06	1.2069500E+06	1.1981455E+06	1.1795069E+06
1.1691844E+06	1.1639340E+06	1.1626804E+06		
1.551709E+02	1.1512189E+06	1.1439469E+06	1.1357658E+06	1.1154879E+06
1.1043011E+06	1.1011609E+06	1.1002769E+06		
1.602165E+02	1.0956824E+06	1.0883176E+06	1.0800385E+06	1.0597386E+06
1.0485931E+06	1.0458864E+06	1.0452072E+06		
1.652350E+02	1.0484936E+06	1.0409974E+06	1.0325486E+06	1.0126244E+06
1.0017412E+06	9.9874581E+05	9.9816756E+05		
1.702598E+02	1.0091442E+06	1.0015711E+06	9.9300288E+05	9.7398194E+05
9.6344481E+05	9.5917981E+05	9.5859588E+05		
1.752735E+02	9.6669619E+05	9.5917600E+05	9.5068131E+05	9.2863781E+05
9.1746594E+05	9.1465062E+05	9.1410000E+05		
1.802951E+02	9.1957306E+05	9.1224156E+05	9.0401044E+05	8.8303906E+05
8.7150475E+05	8.6816069E+05	8.6766019E+05		
1.853119E+02	8.7733706E+05	8.6999769E+05	8.6172844E+05	8.4301750E+05
8.3266569E+05	8.2740962E+05	8.2701700E+05		
1.903279E+02	8.4117662E+05	8.3374006E+05	8.2528056E+05	8.0739706E+05
7.9609750E+05	7.9142325E+05	7.9101825E+05		
1.953564E+02	8.1112431E+05	8.0350550E+05	7.9497606E+05	7.7582319E+05
7.6521356E+05	7.6029631E+05	7.5988569E+05		
2.003570E+02	7.8338706E+05	7.7573812E+05	7.6700981E+05	7.4759419E+05
7.3684175E+05	7.3223100E+05	7.3185275E+05		
2.053755E+02	7.5889838E+05	7.5113144E+05	7.4224344E+05	7.2339525E+05
7.1295994E+05	7.0761825E+05	7.0721862E+05		
2.104183E+02	7.3207369E+05	7.2441925E+05	7.1579819E+05	6.9331262E+05
6.8125300E+05	6.7985350E+05	6.7950106E+05		
2.154335E+02	7.0704038E+05	6.9939288E+05	6.9071438E+05	6.7080006E+05
6.6005231E+05	6.5621025E+05	6.5587325E+05		
2.204606E+02	6.8506044E+05	6.7731544E+05	6.6853938E+05	6.4688881E+05
6.3520188E+05	6.3353481E+05	6.3317569E+05		
2.254792E+02	6.6384806E+05	6.5601331E+05	6.4711319E+05	6.2495488E+05
6.1317019E+05	6.1146188E+05	6.1112406E+05		
2.304864E+02	6.4181344E+05	6.3409269E+05	6.2535744E+05	6.0282512E+05
5.9087256E+05	5.8902531E+05	5.8871494E+05		
2.354968E+02	6.2154212E+05	6.1385375E+05	6.0510100E+05	5.8409481E+05
5.7305662E+05	5.6950925E+05	5.6923850E+05		
2.404991E+02	6.0308462E+05	5.9533419E+05	5.8660662E+05	5.6591306E+05
5.5365256E+05	5.5146525E+05	5.5115050E+05		
2.455048E+02	5.8728019E+05	5.7928700E+05	5.7032056E+05	5.4712356E+05
5.3490738E+05	5.3442956E+05	5.3410612E+05		
2.505233E+02	5.7274875E+05	5.6465631E+05	5.5546681E+05	5.3408600E+05
5.2201106E+05	5.2010319E+05	5.1981184E+05		

2.555298E+02	5.5983325E+05	5.5161012E+05	5.4244406E+05	5.2068450E+05
5.0828038E+05	5.0758994E+05	5.0728459E+05		
2.605788E+02	5.4804950E+05	5.3973025E+05	5.3059788E+05	5.0834019E+05
4.9554050E+05	4.9515394E+05	4.9486538E+05		
2.656043E+02	5.3661994E+05	5.2823556E+05	5.1913431E+05	4.9695338E+05
4.8471575E+05	4.8427809E+05	4.8399225E+05		
2.706539E+02	5.2665956E+05	5.1806581E+05	5.0888112E+05	4.8510850E+05
4.7384019E+05	4.7345075E+05	4.7319859E+05		
2.756957E+02	5.1757781E+05	5.0874978E+05	4.9941319E+05	4.7580881E+05
4.6439475E+05	4.6404409E+05	4.6379359E+05		
2.807159E+02	5.0942969E+05	5.0049266E+05	4.9103278E+05	4.6730284E+05
4.5630881E+05	4.5594559E+05	4.5569834E+05		
2.857581E+02	5.0130719E+05	4.9232312E+05	4.8288612E+05	4.5955781E+05
4.4778003E+05	4.4740912E+05	4.4715916E+05		
2.907736E+02	4.9282628E+05	4.8390894E+05	4.7460534E+05	4.5050400E+05
4.3957812E+05	4.3927416E+05	4.3902672E+05		
2.957799E+02	4.8493334E+05	4.7594166E+05	4.6657734E+05	4.4190128E+05
4.3162547E+05	4.3135584E+05	4.3114594E+05		
3.007857E+02	4.7769609E+05	4.6869547E+05	4.5936119E+05	4.3501212E+05
4.2383372E+05	4.2351812E+05	4.2330622E+05		
3.058138E+02	4.7063934E+05	4.6145100E+05	4.5192503E+05	4.2568247E+05
4.1737678E+05	4.1711716E+05	4.1691581E+05		
3.108138E+02	4.6441941E+05	4.5521562E+05	4.4561300E+05	4.2127906E+05
4.1037062E+05	4.1011769E+05	4.0992641E+05		
3.158304E+02	4.5466316E+05	4.4602503E+05	4.3740672E+05	4.1517209E+05
4.0072359E+05	4.0044275E+05	4.0027688E+05		
3.208480E+02	4.4645044E+05	4.3777066E+05	4.2872269E+05	4.0449788E+05
3.8990638E+05	3.8963478E+05	3.8947788E+05		
3.258746E+02	4.3627000E+05	4.2764750E+05	4.1882372E+05	3.9641991E+05
3.8143591E+05	3.8119269E+05	3.8102450E+05		
3.308900E+02	4.2953319E+05	4.2061616E+05	4.1140906E+05	3.8523862E+05
3.7205684E+05	3.7185541E+05	3.7171319E+05		
3.358961E+02	4.2110600E+05	4.1225494E+05	4.0322425E+05	3.7762469E+05
3.6419050E+05	3.6397259E+05	3.6382719E+05		
3.409074E+02	4.1606931E+05	4.0625747E+05	3.9568169E+05	3.5791419E+05
3.5766375E+05	3.5744059E+05	3.5728925E+05		
3.459233E+02	4.1157284E+05	4.0100297E+05	3.8868012E+05	3.5202228E+05
3.5177588E+05	3.5156488E+05	3.5141597E+05		
3.509260E+02	4.0868281E+05	3.9821216E+05	3.8924694E+05	3.4746247E+05
3.4721753E+05	3.4701050E+05	3.4686216E+05		
3.559283E+02	4.0778494E+05	3.9536381E+05	3.8263128E+05	3.4256862E+05
3.4231697E+05	3.4210806E+05	3.4196019E+05		
3.609366E+02	4.0210450E+05	3.9027972E+05	3.7528956E+05	3.3896031E+05
3.3870081E+05	3.3849444E+05	3.3834322E+05		
3.659482E+02	3.9894444E+05	3.8727753E+05	3.7296412E+05	3.3527641E+05
3.3502209E+05	3.3483491E+05	3.3468538E+05		
3.709486E+02	3.9540072E+05	3.8374722E+05	3.6985681E+05	3.3206600E+05
3.3166025E+05	3.3144684E+05	3.3127216E+05		
3.759580E+02	3.9676834E+05	3.8639866E+05	3.7600634E+05	3.2928703E+05
3.2902725E+05	3.2880028E+05	3.2860719E+05		
3.809612E+02	3.9359266E+05	3.8176128E+05	3.6754922E+05	3.2690056E+05
3.2664072E+05	3.2639059E+05	3.2616969E+05		
3.859788E+02	3.9275844E+05	3.8171497E+05	3.7040759E+05	3.2543841E+05
3.2518150E+05	3.2493531E+05	3.2469294E+05		
3.910090E+02	3.9040031E+05	3.7895625E+05	3.6653691E+05	3.2341691E+05
3.2316200E+05	3.2291891E+05	3.2267447E+05		

3.960181E+02	3.8877197E+05	3.7724144E+05	3.6419078E+05	3.2096038E+05
3.2068803E+05	3.2044178E+05	3.2020041E+05		
4.010229E+02	3.8727397E+05	3.7593944E+05	3.6297397E+05	3.1935262E+05
3.1907666E+05	3.1882762E+05	3.1857212E+05		
4.060714E+02	3.8775134E+05	3.7641675E+05	3.6325772E+05	3.1844972E+05
3.1816578E+05	3.1789678E+05	3.1760219E+05		
4.111179E+02	3.8810081E+05	3.7679866E+05	3.6359912E+05	3.1749922E+05
3.1719762E+05	3.1691834E+05	3.1660872E+05		
4.161518E+02	3.8783753E+05	3.7660466E+05	3.6356247E+05	3.1818397E+05
3.1687112E+05	3.1658472E+05	3.1626903E+05		
4.211620E+02	3.8833116E+05	3.7709712E+05	3.6409069E+05	3.1829641E+05
3.1670147E+05	3.1639503E+05	3.1603394E+05		
4.261913E+02	3.8933475E+05	3.7797616E+05	3.6468906E+05	3.1875600E+05
3.1670125E+05	3.1636847E+05	3.1595825E+05		
4.311930E+02	3.8984675E+05	3.7848553E+05	3.6521462E+05	3.1937059E+05
3.1637844E+05	3.1603956E+05	3.1562088E+05		
4.361968E+02	3.9126634E+05	3.7989519E+05	3.6661759E+05	3.2051712E+05
3.1677278E+05	3.1643266E+05	3.1602075E+05		
4.412443E+02	3.9270072E+05	3.8131119E+05	3.6801194E+05	3.2198812E+05
3.1750512E+05	3.1714466E+05	3.1669962E+05		
4.462449E+02	3.9448228E+05	3.8306700E+05	3.6972938E+05	3.2373584E+05
3.1841859E+05	3.1802984E+05	3.1754647E+05		
4.512502E+02	3.9635381E+05	3.8492069E+05	3.7155456E+05	3.2564897E+05
3.1944269E+05	3.1902356E+05	3.1849172E+05		
4.562851E+02	3.9774244E+05	3.8630312E+05	3.7293703E+05	3.2670322E+05
3.2004509E+05	3.1962547E+05	3.1910250E+05		
4.613121E+02	3.9904675E+05	3.8759281E+05	3.7421616E+05	3.2781862E+05
3.2036225E+05	3.1994356E+05	3.1942616E+05		
4.663397E+02	4.0015891E+05	3.8868106E+05	3.7527741E+05	3.2887741E+05
3.2028178E+05	3.1981891E+05	3.1919444E+05		
4.713776E+02	4.0087884E+05	3.8939419E+05	3.7599097E+05	3.2962872E+05
3.1986509E+05	3.1943281E+05	3.1887722E+05		
4.763856E+02	4.0144066E+05	3.8994472E+05	3.7653081E+05	3.3053769E+05
3.1947291E+05	3.1905244E+05	3.1851956E+05		
4.814128E+02	4.0181647E+05	3.9034275E+05	3.7698938E+05	3.3035912E+05
3.1781084E+05	3.1735772E+05	3.1674444E+05		
4.864223E+02	4.0189456E+05	3.9045081E+05	3.7716759E+05	3.3023372E+05
3.1650997E+05	3.1603041E+05	3.1540009E+05		
4.914722E+02	4.0112944E+05	3.8965791E+05	3.7631666E+05	3.2845925E+05
3.1430334E+05	3.1381128E+05	3.1314462E+05		
4.964919E+02	4.0161038E+05	3.9005862E+05	3.7655625E+05	3.2980219E+05
3.1396678E+05	3.1342619E+05	3.1257144E+05		
5.015259E+02	4.0134503E+05	3.8968006E+05	3.7589397E+05	3.3016638E+05
3.1196072E+05	3.1141625E+05	3.1060719E+05		
5.065450E+02	4.0167541E+05	3.9012825E+05	3.7651100E+05	3.3123675E+05
3.1136062E+05	3.1090175E+05	3.1024528E+05		
5.115457E+02	4.0304891E+05	3.9157584E+05	3.7827228E+05	3.3168212E+05
3.1075031E+05	3.1032803E+05	3.0980297E+05		
5.165457E+02	4.0480806E+05	3.9330497E+05	3.7994450E+05	3.3365059E+05
3.1179366E+05	3.1138856E+05	3.1093256E+05		
5.215463E+02	4.0646969E+05	3.9489741E+05	3.8140191E+05	3.3564453E+05
3.1217356E+05	3.1176497E+05	3.1133759E+05		
5.265685E+02	4.0876950E+05	3.9717450E+05	3.8360722E+05	3.3710928E+05
3.1286875E+05	3.1247584E+05	3.1205103E+05		
5.316183E+02	4.1023325E+05	3.9859353E+05	3.8489838E+05	3.3830800E+05
3.1316284E+05	3.1274203E+05	3.1224991E+05		

5.366320E+02	4.1245925E+05	4.0086447E+05	3.8722128E+05	3.4088612E+05
3.1431116E+05	3.1338775E+05	3.1285484E+05		
5.416345E+02	4.1402781E+05	4.0246116E+05	3.8897091E+05	3.4319847E+05
3.1683288E+05	3.1390628E+05	3.1332722E+05		
5.466345E+02	4.1392988E+05	4.0235716E+05	3.8885631E+05	3.4295344E+05
3.1655600E+05	3.1277416E+05	3.1224203E+05		
5.516580E+02	4.1454378E+05	4.0294644E+05	3.8938484E+05	3.4342528E+05
3.1697728E+05	3.1195131E+05	3.1141041E+05		
5.566583E+02	4.1575075E+05	4.0412400E+05	3.9050103E+05	3.4451266E+05
3.1804566E+05	3.1259747E+05	3.1201969E+05		
5.616711E+02	4.1581231E+05	4.0420738E+05	3.9062638E+05	3.4467488E+05
3.1821775E+05	3.1102031E+05	3.1053112E+05		
5.666711E+02	4.1639894E+05	4.0480825E+05	3.9125847E+05	3.4506947E+05
3.1859369E+05	3.1078262E+05	3.1031694E+05		
5.717148E+02	4.1748956E+05	4.0590584E+05	3.9237819E+05	3.4590538E+05
3.1936588E+05	3.1044947E+05	3.0994941E+05		
5.767209E+02	4.1778878E+05	4.0620747E+05	3.9271234E+05	3.4614006E+05
3.1959881E+05	3.0980784E+05	3.0930184E+05		
5.817575E+02	4.1888369E+05	4.0727488E+05	3.9371762E+05	3.4765928E+05
3.2123828E+05	3.0976056E+05	3.0929506E+05		
5.867994E+02	4.3049922E+05	4.1877528E+05	4.0483609E+05	3.5894041E+05
3.3238675E+05	3.1903819E+05	3.1848525E+05		
5.918351E+02	4.2701622E+05	4.1542284E+05	4.0195962E+05	3.5695003E+05
3.3077684E+05	3.1578484E+05	3.1522475E+05		
5.968547E+02	4.2932581E+05	4.1770122E+05	4.0402769E+05	3.5863466E+05
3.3242072E+05	3.1593181E+05	3.1546612E+05		
6.018547E+02	4.2580997E+05	4.1424956E+05	4.0082722E+05	3.5432753E+05
3.2789688E+05	3.1209925E+05	3.1151819E+05		
6.068926E+02	4.2403056E+05	4.1241584E+05	3.9887484E+05	3.5319691E+05
3.2695306E+05	3.0821319E+05	3.0767838E+05		
6.119015E+02	4.2569166E+05	4.1412281E+05	4.0061538E+05	3.5217916E+05
3.2522141E+05	3.0880741E+05	3.0828462E+05		
6.169453E+02	4.2809656E+05	4.1649328E+05	4.0293319E+05	3.5694812E+05
3.3058969E+05	3.0947016E+05	3.0889644E+05		
6.219643E+02	4.2398759E+05	4.1240569E+05	3.9893162E+05	3.5223700E+05
3.2574731E+05	3.0550219E+05	3.0491528E+05		
6.269753E+02	4.2364619E+05	4.1207066E+05	3.9845688E+05	3.5070259E+05
3.2384772E+05	3.0357269E+05	3.0299441E+05		
6.319825E+02	4.2204903E+05	4.1045553E+05	3.9697919E+05	3.5036981E+05
3.2385612E+05	3.0165059E+05	3.0106619E+05		
6.369911E+02	4.2173728E+05	4.1014503E+05	3.9666869E+05	3.5025994E+05
3.2380081E+05	2.9999391E+05	2.9947594E+05		
6.420153E+02	4.2507962E+05	4.1351553E+05	4.0009844E+05	3.5277522E+05
3.2609144E+05	3.0137931E+05	3.0089306E+05		
6.470455E+02	4.3498584E+05	4.2344106E+05	4.0991366E+05	3.6194359E+05
3.3502225E+05	3.0937062E+05	3.0882984E+05		
6.520916E+02	4.3893684E+05	4.2730262E+05	4.1368566E+05	3.6768766E+05
3.4123278E+05	3.1288778E+05	3.1236578E+05		
6.571367E+02	4.3328016E+05	4.2168494E+05	4.0824788E+05	3.6208228E+05
3.3569684E+05	3.0866931E+05	3.0811141E+05		
6.621520E+02	4.3371397E+05	4.2193212E+05	4.0803984E+05	3.6180341E+05
3.3517275E+05	3.0696381E+05	3.0644659E+05		
6.671806E+02	4.3555325E+05	4.2384991E+05	4.1011134E+05	3.6425584E+05
3.3777447E+05	3.0709394E+05	3.0644109E+05		
6.722262E+02	4.3460994E+05	4.2298350E+05	4.0942688E+05	3.6356034E+05
3.3722950E+05	3.0687394E+05	3.0630853E+05		

6.772686E+02	4.3165384E+05	4.2000509E+05	4.0641544E+05	3.6026478E+05
3.3383666E+05	3.0255034E+05	3.0203206E+05		
6.822707E+02	4.3316341E+05	4.2155200E+05	4.0806428E+05	3.6102731E+05
3.3439678E+05	3.0254584E+05	3.0207231E+05		
6.872923E+02	4.2955388E+05	4.1791734E+05	4.0433525E+05	3.5754681E+05
3.3103269E+05	2.9916050E+05	2.9865741E+05		
6.922954E+02	4.3099288E+05	4.1935575E+05	4.0581650E+05	3.5933778E+05
3.3284362E+05	2.9925556E+05	2.9873978E+05		
6.973051E+02	4.3176109E+05	4.2010962E+05	4.0655597E+05	3.6007144E+05
3.3358162E+05	2.9923316E+05	2.9878397E+05		
7.023073E+02	4.3451416E+05	4.2268516E+05	4.0871609E+05	3.6277547E+05
3.3620959E+05	3.0119997E+05	3.0055959E+05		
7.073430E+02	4.3675203E+05	4.2510516E+05	4.1147250E+05	3.6472312E+05
3.3813825E+05	3.0052272E+05	3.0003294E+05		
7.123453E+02	4.4309462E+05	4.3143006E+05	4.1782412E+05	3.7119162E+05
3.4460084E+05	3.0626072E+05	3.0566972E+05		
7.173482E+02	4.3797025E+05	4.2608512E+05	4.1204159E+05	3.6601559E+05
3.3933388E+05	3.0245969E+05	3.0181912E+05		
7.223600E+02	4.3719306E+05	4.2549281E+05	4.1183097E+05	3.6649697E+05
3.4026866E+05	2.9927962E+05	2.9875728E+05		
7.273726E+02	4.3614159E+05	4.2451097E+05	4.1091794E+05	3.6417988E+05
3.3769891E+05	2.9914972E+05	2.9862047E+05		
7.324192E+02	4.3939375E+05	4.2772909E+05	4.1415325E+05	3.6779484E+05
3.4134969E+05	3.0071462E+05	3.0021547E+05		
7.374575E+02	4.3827822E+05	4.2660412E+05	4.1298919E+05	3.6708953E+05
3.4077006E+05	2.9873703E+05	2.9822900E+05		
7.424575E+02	4.3882172E+05	4.2716544E+05	4.1356359E+05	3.6574766E+05
3.3887931E+05	2.9720834E+05	2.9662962E+05		
7.474720E+02	4.3985500E+05	4.2816028E+05	4.1443462E+05	3.6904556E+05
3.4282081E+05	2.9858125E+05	2.9807531E+05		
7.524910E+02	4.3908959E+05	4.2740453E+05	4.1380028E+05	3.6782156E+05
3.4147172E+05	2.9772222E+05	2.9611584E+05		
7.575264E+02	4.3878362E+05	4.2711159E+05	4.1352053E+05	3.6676347E+05
3.4022225E+05	2.9697756E+05	2.9485491E+05		
7.625316E+02	4.4096888E+05	4.2931853E+05	4.1575169E+05	3.6880956E+05
3.4218578E+05	2.9759966E+05	2.9319469E+05		
7.675541E+02	4.4041344E+05	4.2874138E+05	4.1504778E+05	3.6878888E+05
3.4229825E+05	2.9856812E+05	2.9434978E+05		
7.725990E+02	4.4591512E+05	4.3424141E+05	4.2061631E+05	3.7390488E+05
3.4724525E+05	3.0245538E+05	2.9722494E+05		
7.776382E+02	4.4832766E+05	4.3662119E+05	4.2291744E+05	3.7712725E+05
3.5064919E+05	3.0521656E+05	2.9835394E+05		
7.826681E+02	4.5011716E+05	4.3853547E+05	4.2520319E+05	3.7789509E+05
3.5112144E+05	3.0564731E+05	2.9875906E+05		
7.876682E+02	4.4360291E+05	4.3193991E+05	4.1831956E+05	3.7227625E+05
3.4581838E+05	3.0104462E+05	2.9372059E+05		
7.927143E+02	4.4461400E+05	4.3297816E+05	4.1946522E+05	3.7206228E+05
3.4521694E+05	3.0080047E+05	2.9458159E+05		
7.977427E+02	4.4332066E+05	4.3166269E+05	4.1807709E+05	3.7148688E+05
3.4483834E+05	2.9943969E+05	2.9140900E+05		
8.027863E+02	4.4369088E+05	4.3201456E+05	4.1842319E+05	3.7190488E+05
3.4524378E+05	3.0016147E+05	2.9208975E+05		
8.077863E+02	4.4705150E+05	4.3522072E+05	4.2117403E+05	3.7514522E+05
3.4837562E+05	3.0223859E+05	2.9251562E+05		
8.128088E+02	4.4362897E+05	4.3194656E+05	4.1824266E+05	3.7298734E+05
3.4660659E+05	3.0058878E+05	2.9001572E+05		

8.178396E+02	4.5023197E+05	4.3865181E+05	4.2521466E+05	3.7709169E+05
3.4997847E+05	3.0286841E+05	2.9138588E+05		
8.228683E+02	4.4983278E+05	4.3806125E+05	4.2409559E+05	3.7853759E+05
3.5190038E+05	3.0529328E+05	2.9230081E+05		
8.279000E+02	4.4756081E+05	4.3591262E+05	4.2233828E+05	3.7565078E+05
3.4883138E+05	3.0197681E+05	2.8939200E+05		
8.329000E+02	4.4687575E+05	4.3524650E+05	4.2165381E+05	3.7459144E+05
3.4776228E+05	3.0090991E+05	2.8801759E+05		
8.379267E+02	4.4823500E+05	4.3661162E+05	4.2304553E+05	3.7651519E+05
3.4977959E+05	3.0294672E+05	2.8823681E+05		
8.429336E+02	4.5529219E+05	4.4374725E+05	4.3025472E+05	3.8285028E+05
3.5592091E+05	3.0856750E+05	2.9197359E+05		
8.479440E+02	4.5958391E+05	4.4770803E+05	4.3382422E+05	3.8943781E+05
3.6288394E+05	3.1618384E+05	2.9965278E+05		
8.529523E+02	4.6137647E+05	4.4961344E+05	4.3589494E+05	3.9031366E+05
3.6383725E+05	3.1741497E+05	3.0106059E+05		
8.579803E+02	4.5682381E+05	4.4514144E+05	4.3150603E+05	3.8437094E+05
3.5795166E+05	3.1150850E+05	2.9501269E+05		
8.630277E+02	4.5379709E+05	4.4212394E+05	4.2849272E+05	3.8152728E+05
3.5513194E+05	3.0904759E+05	2.9344772E+05		
8.680298E+02	4.5251872E+05	4.4079681E+05	4.2709319E+05	3.8085603E+05
3.5456006E+05	3.0864003E+05	2.9297853E+05		
8.730469E+02	4.5181759E+05	4.4011947E+05	4.2646425E+05	3.7957291E+05
3.5309200E+05	3.0731256E+05	2.9287059E+05		
8.780671E+02	4.5187200E+05	4.4014444E+05	4.2643997E+05	3.8015888E+05
3.5375947E+05	3.0758650E+05	2.9141362E+05		
8.830836E+02	4.5307656E+05	4.4139928E+05	4.2780219E+05	3.8123366E+05
3.5477628E+05	3.0851144E+05	2.9220200E+05		
8.881301E+02	4.5405831E+05	4.4234728E+05	4.2866894E+05	3.8201128E+05
3.5544362E+05	3.0901638E+05	2.9261675E+05		
8.931561E+02	4.5260125E+05	4.4088847E+05	4.2718569E+05	3.8094988E+05
3.5448684E+05	3.0823391E+05	2.9196881E+05		
8.981845E+02	4.5494903E+05	4.4324500E+05	4.2951372E+05	3.8379478E+05
3.5742409E+05	3.1125397E+05	2.9510631E+05		
9.032300E+02	4.5345378E+05	4.4175516E+05	4.2814881E+05	3.8116753E+05
3.5442781E+05	3.0767753E+05	2.9111994E+05		
9.082662E+02	4.5327994E+05	4.4154141E+05	4.2781159E+05	3.8170844E+05
3.5520000E+05	3.0884778E+05	2.9258206E+05		
9.133143E+02	4.5377878E+05	4.4209394E+05	4.2847953E+05	3.8215172E+05
3.5558662E+05	3.0906162E+05	2.9275641E+05		
9.183594E+02	4.5732681E+05	4.4564744E+05	4.3202784E+05	3.8543334E+05
3.5874581E+05	3.1199812E+05	2.9561853E+05		
9.233762E+02	4.5609009E+05	4.4435569E+05	4.3064734E+05	3.8429053E+05
3.5758162E+05	3.1084150E+05	2.9438106E+05		
9.283935E+02	4.5760269E+05	4.4588400E+05	4.3220212E+05	3.8581241E+05
3.5918853E+05	3.1266616E+05	2.9626041E+05		
9.334008E+02	4.6766134E+05	4.5587403E+05	4.4200581E+05	3.9675431E+05
3.7043419E+05	3.2449134E+05	3.1006356E+05		
9.384365E+02	4.7641538E+05	4.6453444E+05	4.5066262E+05	4.0622891E+05
3.7999950E+05	3.3401041E+05	3.1905797E+05		
9.434605E+02	4.7282847E+05	4.6106756E+05	4.4733938E+05	4.0072388E+05
3.7453947E+05	3.2817972E+05	3.1397494E+05		
9.484623E+02	4.6832862E+05	4.5658766E+05	4.4285025E+05	3.9628684E+05
3.7019088E+05	3.2396169E+05	3.1157766E+05		
9.534870E+02	4.6494100E+05	4.5315100E+05	4.3932072E+05	3.9396081E+05
3.6807528E+05	3.2235409E+05	3.1070894E+05		

9.585121E+02	4.6504572E+05	4.5332334E+05	4.3963459E+05	3.9265562E+05
3.6631472E+05	3.1983044E+05	3.0829831E+05		
9.635247E+02	4.6263088E+05	4.5086125E+05	4.3705481E+05	3.9165091E+05
3.6565050E+05	3.1982747E+05	3.0808247E+05		
9.685247E+02	4.6419872E+05	4.5246628E+05	4.3876512E+05	3.9212991E+05
3.6574281E+05	3.1930697E+05	3.0704309E+05		
9.735247E+02	4.6218906E+05	4.5041453E+05	4.3663550E+05	3.9121306E+05
3.6509478E+05	3.1915959E+05	3.0691547E+05		
9.785247E+02	4.6273259E+05	4.5098206E+05	4.3725575E+05	3.9110609E+05
3.6473694E+05	3.1845281E+05	3.0569453E+05		
9.835706E+02	4.6136494E+05	4.4959394E+05	4.3582688E+05	3.9027350E+05
3.6402041E+05	3.1794019E+05	3.0498609E+05		
9.885706E+02	4.6149831E+05	4.4974444E+05	4.3601484E+05	3.8994378E+05
3.6349997E+05	3.1715231E+05	3.0426428E+05		
9.935714E+02	4.6143956E+05	4.4952775E+05	4.3537731E+05	3.9072747E+05
3.6444525E+05	3.1843547E+05	3.0516050E+05		
9.986208E+02	4.6097844E+05	4.4924100E+05	4.3551981E+05	3.8930506E+05
3.6273747E+05	3.1627909E+05	3.0347316E+05		
1.003653E+03	4.5917509E+05	4.4741838E+05	4.3365947E+05	3.8806388E+05
3.6165103E+05	3.1537856E+05	3.0317725E+05		
1.008698E+03	4.6083309E+05	4.4902900E+05	4.3515316E+05	3.8941456E+05
3.6284275E+05	3.1635394E+05	3.0289984E+05		
1.013703E+03	4.6003322E+05	4.4828950E+05	4.3452122E+05	3.8949947E+05
3.6322788E+05	3.1718256E+05	3.0351988E+05		
1.018708E+03	4.6166872E+05	4.5006984E+05	4.3671816E+05	3.8972006E+05
3.6302281E+05	3.1631369E+05	3.0260519E+05		
1.023737E+03	4.5930038E+05	4.4761441E+05	4.3399731E+05	3.8719797E+05
3.6039747E+05	3.1353109E+05	3.0095594E+05		
1.028787E+03	4.5895878E+05	4.4721334E+05	4.3346222E+05	3.8798197E+05
3.6148716E+05	3.1501025E+05	3.0151378E+05		
1.033812E+03	4.6087959E+05	4.4918634E+05	4.3556131E+05	3.8920231E+05
3.6247816E+05	3.1564947E+05	3.0161847E+05		
1.038826E+03	4.6026831E+05	4.4852500E+05	4.3478738E+05	3.8906494E+05
3.6245419E+05	3.1572778E+05	3.0164994E+05		
1.043868E+03	4.6026759E+05	4.4860466E+05	4.3505222E+05	3.8878247E+05
3.6209616E+05	3.1529362E+05	3.0129669E+05		
1.048868E+03	4.6091016E+05	4.4915612E+05	4.3539259E+05	3.8996750E+05
3.6337791E+05	3.1677444E+05	3.0260256E+05		
1.053917E+03	4.6280741E+05	4.5106334E+05	4.3735953E+05	3.9139903E+05
3.6472544E+05	3.1810919E+05	3.0385650E+05		
1.058917E+03	4.6132447E+05	4.4962450E+05	4.3596125E+05	3.8920634E+05
3.6255284E+05	3.1597269E+05	3.0196878E+05		
1.063917E+03	4.6311053E+05	4.5136603E+05	4.3761700E+05	3.9159016E+05
3.6514572E+05	3.1886712E+05	3.0453850E+05		
1.068917E+03	4.6304731E+05	4.5130709E+05	4.3755253E+05	3.9151322E+05
3.6525538E+05	3.1918978E+05	3.0490650E+05		
1.073917E+03	4.6987769E+05	4.5810231E+05	4.4430691E+05	3.9839472E+05
3.7224688E+05	3.2612100E+05	3.1078312E+05		
1.078917E+03	4.7510781E+05	4.6336244E+05	4.4960616E+05	4.0335803E+05
3.7730862E+05	3.3118716E+05	3.1546466E+05		
1.083917E+03	4.7658244E+05	4.6481300E+05	4.5100772E+05	4.0545225E+05
3.7957566E+05	3.3375434E+05	3.1832184E+05		
1.088917E+03	4.7644106E+05	4.6466794E+05	4.5087116E+05	4.0530644E+05
3.7942412E+05	3.3348644E+05	3.1824975E+05		
1.093917E+03	4.7268919E+05	4.6092156E+05	4.4712684E+05	4.0168025E+05
3.7584288E+05	3.2995341E+05	3.1540575E+05		

1.098959E+03	4.6741897E+05	4.5566153E+05	4.4188131E+05	3.9630088E+05
3.7038844E+05	3.2442022E+05	3.1093019E+05		
1.103988E+03	4.6642094E+05	4.5461525E+05	4.4075653E+05	3.9619262E+05
3.7043209E+05	3.2472631E+05	3.1092119E+05		
1.108988E+03	4.6521084E+05	4.5344484E+05	4.3966019E+05	3.9441253E+05
3.6852825E+05	3.2243672E+05	3.0873666E+05		
1.113988E+03	4.6219881E+05	4.5046128E+05	4.3669316E+05	3.9154666E+05
3.6573281E+05	3.1979247E+05	3.0664853E+05		
1.118988E+03	4.6097469E+05	4.4924762E+05	4.3550066E+05	3.9022828E+05
3.6431425E+05	3.1824088E+05	3.0543750E+05		
1.123988E+03	4.5925228E+05	4.4752312E+05	4.3376872E+05	3.8882191E+05
3.6294316E+05	3.1707922E+05	3.0412591E+05		
1.128988E+03	4.5872259E+05	4.4700897E+05	4.3328266E+05	3.8800741E+05
3.6196953E+05	3.1589169E+05	3.0306253E+05		
1.133988E+03	4.5767597E+05	4.4596712E+05	4.3225131E+05	3.8704656E+05
3.6099109E+05	3.1498891E+05	3.0207991E+05		
1.138988E+03	4.5813266E+05	4.4640650E+05	4.3264747E+05	3.8790797E+05
3.6189438E+05	3.1601941E+05	3.0249556E+05		
1.143988E+03	4.5826719E+05	4.4656919E+05	4.3286028E+05	3.8770766E+05
3.6168053E+05	3.1567506E+05	3.0173859E+05		
1.149029E+03	4.5726353E+05	4.4558347E+05	4.3190809E+05	3.8649238E+05
3.6040531E+05	3.1434362E+05	3.0055403E+05		
1.154029E+03	4.5778350E+05	4.4605512E+05	4.3227288E+05	3.8810234E+05
3.6226184E+05	3.1671056E+05	3.0261012E+05		
1.159029E+03	4.5780569E+05	4.4614378E+05	4.3250100E+05	3.8677684E+05
3.6068153E+05	3.1446603E+05	3.0036441E+05		
1.164029E+03	4.5770741E+05	4.4599769E+05	4.3225484E+05	3.8776744E+05
3.6198831E+05	3.1629809E+05	3.0202666E+05		
1.169073E+03	4.5709109E+05	4.4545419E+05	4.3186069E+05	3.8580006E+05
3.5973912E+05	3.1342631E+05	2.9935138E+05		
1.174073E+03	4.5600097E+05	4.4432397E+05	4.3064178E+05	3.8582466E+05
3.5999775E+05	3.1426444E+05	3.0033575E+05		
1.179073E+03	4.5702256E+05	4.4535872E+05	4.3170047E+05	3.8645175E+05
3.6044438E+05	3.1442309E+05	3.0027238E+05		
1.184122E+03	4.5612884E+05	4.4449081E+05	4.3087822E+05	3.8524531E+05
3.5915503E+05	3.1304300E+05	2.9901038E+05		
1.189164E+03	4.5604900E+05	4.4440178E+05	4.3076438E+05	3.8549062E+05
3.5941675E+05	3.1344394E+05	2.9945831E+05		
1.194184E+03	4.5584322E+05	4.4420494E+05	4.3057916E+05	3.8515481E+05
3.5897300E+05	3.1288834E+05	2.9888650E+05		
1.199231E+03	4.5566891E+05	4.4402403E+05	4.3037778E+05	3.8518772E+05
3.5900516E+05	3.1299781E+05	2.9900066E+05		
1.204231E+03	4.5674581E+05	4.4508359E+05	4.3140978E+05	3.8649553E+05
3.6033325E+05	3.1442184E+05	3.0005653E+05		
1.209231E+03	4.5680922E+05	4.4518241E+05	4.3158809E+05	3.8559522E+05
3.5929566E+05	3.1299934E+05	2.9865891E+05		
1.214231E+03	4.5557194E+05	4.4393138E+05	4.3029781E+05	3.8485159E+05
3.5867147E+05	3.1267550E+05	2.9852681E+05		
1.219231E+03	4.5570938E+05	4.4407638E+05	4.3045847E+05	3.8481447E+05
3.5851656E+05	3.1239612E+05	2.9819709E+05		
1.224231E+03	4.5626553E+05	4.4463562E+05	4.3102347E+05	3.8534816E+05
3.5898538E+05	3.1279516E+05	2.9889106E+05		
1.229231E+03	4.5410922E+05	4.4246550E+05	4.2881494E+05	3.8357319E+05
3.5726791E+05	3.1120506E+05	2.9597797E+05		
1.234231E+03	4.5349744E+05	4.4186594E+05	4.2824062E+05	3.8272238E+05
3.5631309E+05	3.1015922E+05	2.9484466E+05		

1.239231E+03	4.5278997E+05	4.4115925E+05	4.2753353E+05	3.8205328E+05
3.5561478E+05	3.0946712E+05	2.9414122E+05		
1.244231E+03	4.5313141E+05	4.4145091E+05	4.2771747E+05	3.8311491E+05
3.5684222E+05	3.1102316E+05	2.9534356E+05		
1.249231E+03	4.5443391E+05	4.4278628E+05	4.2915369E+05	3.8331397E+05
3.5696166E+05	3.1072166E+05	2.9461341E+05		
1.254231E+03	4.5109119E+05	4.3946634E+05	4.2585072E+05	3.7979284E+05
3.5357031E+05	3.0744784E+05	2.9128950E+05		
1.259231E+03	4.4967978E+05	4.3801966E+05	4.2433069E+05	3.7912834E+05
3.5309081E+05	3.0732700E+05	2.9127809E+05		
1.264231E+03	4.5074269E+05	4.3908478E+05	4.2542225E+05	3.7965991E+05
3.5359388E+05	3.0750225E+05	2.9126066E+05		
1.269231E+03	4.4839662E+05	4.3677016E+05	4.2315703E+05	3.7680250E+05
3.5070969E+05	3.0445016E+05	2.8802275E+05		
1.274231E+03	4.4641950E+05	4.3477981E+05	4.2113322E+05	3.7524947E+05
3.4920438E+05	3.0317259E+05	2.8688291E+05		
1.279231E+03	4.4549303E+05	4.3385291E+05	4.2020269E+05	3.7436481E+05
3.4825112E+05	3.0220569E+05	2.8592791E+05		
1.284231E+03	4.4445203E+05	4.3280397E+05	4.1913600E+05	3.7355406E+05
3.4743941E+05	3.0146147E+05	2.8525588E+05		
1.289231E+03	4.4356678E+05	4.3192931E+05	4.1828431E+05	3.7234812E+05
3.4607012E+05	2.9989294E+05	2.8359541E+05		
1.294280E+03	4.4234625E+05	4.3071150E+05	4.1707141E+05	3.7111097E+05
3.4477506E+05	2.9858072E+05	2.8229753E+05		
1.299280E+03	4.4167300E+05	4.3000672E+05	4.1630634E+05	3.7110225E+05
3.4490078E+05	2.9900662E+05	2.8285356E+05		
1.304280E+03	4.4170884E+05	4.3007331E+05	4.1644853E+05	3.7008594E+05
3.4364859E+05	2.9720994E+05	2.8069250E+05		
1.309280E+03	4.3937788E+05	4.2773506E+05	4.1408069E+05	3.6821003E+05
3.4190384E+05	2.9577241E+05	2.7940800E+05		
1.314280E+03	4.3880541E+05	4.2715091E+05	4.1347350E+05	3.6794984E+05
3.4167062E+05	2.9559666E+05	2.7939847E+05		
1.319280E+03	4.3801484E+05	4.2636547E+05	4.1270128E+05	3.6698666E+05
3.4060638E+05	2.9441628E+05	2.7813678E+05		
1.324280E+03	4.3720612E+05	4.2555059E+05	4.1186753E+05	3.6610584E+05
3.3965881E+05	2.9339750E+05	2.7712788E+05		
1.329280E+03	4.3648069E+05	4.2483647E+05	4.1118559E+05	3.6518175E+05
3.3863888E+05	2.9224994E+05	2.7590656E+05		
1.334329E+03	4.3661725E+05	4.2497772E+05	4.1133341E+05	3.6508016E+05
3.3842850E+05	2.9189456E+05	2.7546119E+05		
1.339329E+03	4.3475797E+05	4.2310431E+05	4.0944209E+05	3.6385572E+05
3.3736912E+05	2.9109869E+05	2.7491450E+05		
1.344329E+03	4.3449097E+05	4.2285456E+05	4.0922938E+05	3.6334047E+05
3.3675284E+05	2.9029953E+05	2.7399984E+05		
1.349329E+03	4.3421194E+05	4.2257344E+05	4.0894797E+05	3.6310244E+05
3.3650672E+05	2.8998416E+05	2.7370894E+05		
1.354329E+03	4.3381278E+05	4.2221344E+05	4.0869466E+05	3.6258978E+05
3.3596050E+05	2.8934244E+05	2.7299422E+05		
1.359336E+03	4.3244194E+05	4.2079938E+05	4.0716762E+05	3.6142938E+05
3.3481172E+05	2.8820762E+05	2.7191834E+05		
1.364336E+03	4.3142838E+05	4.1980444E+05	4.0622706E+05	3.6033334E+05
3.3366016E+05	2.8693559E+05	2.7056169E+05		
1.369336E+03	4.3009469E+05	4.1847775E+05	4.0491206E+05	3.5873166E+05
3.3196041E+05	2.8518472E+05	2.6884394E+05		
1.374336E+03	4.2944406E+05	4.1786241E+05	4.0436741E+05	3.5842281E+05
3.3180566E+05	2.8506794E+05	2.6911269E+05		

1.379370E+03 4.2780106E+05 4.1613372E+05 4.0245122E+05 3.5720519E+05
3.3063584E+05 2.8400956E+05 2.6779616E+05
1.384372E+03 4.2846128E+05 4.1676628E+05 4.0308634E+05 3.5773222E+05
3.3113084E+05 2.8464394E+05 2.6846019E+05
1.389418E+03 4.3370453E+05 4.2206119E+05 4.0847434E+05 3.6173847E+05
3.3516497E+05 2.8853241E+05 2.7204825E+05
1.394459E+03 4.4134400E+05 4.2942525E+05 4.1549206E+05 3.7240319E+05
3.4653091E+05 3.0062753E+05 2.8509819E+05
1.399505E+03 4.3729934E+05 4.2549006E+05 4.1172859E+05 3.6655662E+05
3.4058244E+05 2.9403466E+05 2.7769206E+05
1.404505E+03 4.3542450E+05 4.2365425E+05 4.0984316E+05 3.6468316E+05
3.3879050E+05 2.9240000E+05 2.7595444E+05
1.409509E+03 4.4111459E+05 4.2918650E+05 4.1520475E+05 3.7296544E+05
3.4731722E+05 3.0131397E+05 2.8557412E+05
1.414548E+03 4.3223991E+05 4.2050109E+05 4.0675762E+05 3.6270922E+05
3.3687669E+05 2.9050509E+05 2.7424562E+05
1.419548E+03 4.2599538E+05 4.1435303E+05 4.0070597E+05 3.5607672E+05
3.3023525E+05 2.8390972E+05 2.6748184E+05
1.424548E+03 4.2296125E+05 4.1131441E+05 3.9765216E+05 3.5353122E+05
3.2778988E+05 2.8168253E+05 2.6537084E+05
1.429548E+03 4.2062497E+05 4.0901306E+05 3.9542156E+05 3.5076728E+05
3.2490250E+05 2.7858194E+05 2.6214944E+05
1.434548E+03 4.1733922E+05 4.0575612E+05 3.9220969E+05 3.4739706E+05
3.2155756E+05 2.7533322E+05 2.5913284E+05
1.439548E+03 4.1442056E+05 4.0284338E+05 3.8929875E+05 3.4460759E+05
3.1878159E+05 2.7264212E+05 2.5663805E+05
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3.1670428E+05 2.7058869E+05 2.5479978E+05
1.449548E+03 4.1005525E+05 3.9852609E+05 3.8506631E+05 3.3946234E+05
3.1343794E+05 2.6697641E+05 2.5251589E+05
1.454592E+03 4.0693381E+05 3.9539262E+05 3.8189119E+05 3.3676056E+05
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3.0170403E+05 2.5535931E+05 2.4036225E+05
1.484681E+03 3.9774097E+05 3.8620178E+05 3.7266859E+05 3.2769372E+05
3.0159681E+05 2.5540641E+05 2.3982859E+05
1.489718E+03 3.9733331E+05 3.8570681E+05 3.7194444E+05 3.2743697E+05
3.0129047E+05 2.5510703E+05 2.3898083E+05
1.494719E+03 3.9461038E+05 3.8301175E+05 3.6933416E+05 3.2540684E+05
2.9941856E+05 2.5359011E+05 2.3756708E+05
1.499726E+03 3.9514153E+05 3.8363366E+05 3.7017578E+05 3.2388112E+05
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1.504759E+03 3.9234356E+05 3.8080456E+05 3.6726591E+05 3.2183631E+05
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1.509762E+03 3.9135316E+05 3.7979275E+05 3.6619684E+05 3.2094578E+05
2.9466822E+05 2.4837553E+05 2.3306711E+05
1.514772E+03 3.9102666E+05 3.7950975E+05 3.6602519E+05 3.2062806E+05
2.9431588E+05 2.4800922E+05 2.3236984E+05

1.519808E+03	3.9177041E+05	3.8028262E+05	3.6690281E+05	3.2122666E+05
2.9483372E+05	2.4839039E+05	2.3249900E+05		
1.524844E+03	3.8948456E+05	3.7790088E+05	3.6430241E+05	3.1931978E+05
2.9297641E+05	2.4656806E+05	2.3063014E+05		
1.529844E+03	3.8845022E+05	3.7694212E+05	3.6347941E+05	3.1727188E+05
2.9080875E+05	2.4419673E+05	2.2838030E+05		
1.534859E+03	3.8695209E+05	3.7540581E+05	3.6185203E+05	3.1649188E+05
2.9016538E+05	2.4377986E+05	2.2825678E+05		
1.539868E+03	3.8846978E+05	3.7700494E+05	3.6368181E+05	3.1760169E+05
2.9112338E+05	2.4450934E+05	2.2810930E+05		
1.544881E+03	3.8708291E+05	3.7547812E+05	3.6182597E+05	3.1636525E+05
2.8987784E+05	2.4320434E+05	2.2680356E+05		
1.549901E+03	3.8444712E+05	3.7297081E+05	3.5957716E+05	3.1305981E+05
2.8660025E+05	2.3997119E+05	2.2441141E+05		
1.554901E+03	3.8471588E+05	3.7317331E+05	3.5963625E+05	3.1432878E+05
2.8807794E+05	2.4180497E+05	2.2588681E+05		
1.559921E+03	3.8863012E+05	3.7715791E+05	3.6378547E+05	3.1728334E+05
2.9068906E+05	2.4383827E+05	2.2721931E+05		
1.564944E+03	3.8857147E+05	3.7685372E+05	3.6284706E+05	3.1904159E+05
2.9294184E+05	2.4695553E+05	2.3081955E+05		
1.569956E+03	3.9122703E+05	3.7956047E+05	3.6588216E+05	3.2101988E+05
2.9477647E+05	2.4840322E+05	2.3214931E+05		
1.574956E+03	3.9367825E+05	3.8204059E+05	3.6844709E+05	3.2249012E+05
2.9629194E+05	2.4960580E+05	2.3312605E+05		
1.579956E+03	3.9442706E+05	3.8277788E+05	3.6915112E+05	3.2361697E+05
2.9764678E+05	2.5123798E+05	2.3485023E+05		
1.584956E+03	3.9416603E+05	3.8249912E+05	3.6885928E+05	3.2344219E+05
2.9747666E+05	2.5102322E+05	2.3461252E+05		
1.589956E+03	3.9296184E+05	3.8130316E+05	3.6767566E+05	3.2200159E+05
2.9595059E+05	2.4934072E+05	2.3277972E+05		
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2.9591656E+05	2.4954991E+05	2.3308927E+05		
1.599956E+03	3.9259034E+05	3.8094025E+05	3.6729609E+05	3.2176759E+05
2.9568316E+05	2.4916886E+05	2.3259878E+05		
1.604956E+03	3.9207250E+05	3.8041422E+05	3.6674422E+05	3.2157894E+05
2.9552456E+05	2.4919316E+05	2.3273005E+05		
1.609956E+03	3.9257075E+05	3.8091950E+05	3.6725991E+05	3.2194747E+05
2.9579806E+05	2.4938256E+05	2.3288958E+05		
1.614956E+03	3.9276044E+05	3.8110647E+05	3.6744225E+05	3.2214144E+05
2.9593312E+05	2.4947294E+05	2.3297419E+05		
1.619956E+03	3.9294906E+05	3.8129853E+05	3.6763728E+05	3.2232106E+05
2.9606134E+05	2.4958241E+05	2.3308761E+05		
1.624956E+03	3.9327297E+05	3.8162541E+05	3.6796972E+05	3.2256872E+05
2.9623834E+05	2.4968133E+05	2.3316091E+05		
1.629956E+03	3.9336788E+05	3.8172034E+05	3.6806378E+05	3.2272731E+05
2.9637609E+05	2.4982105E+05	2.3332091E+05		
1.634956E+03	3.9391353E+05	3.8225181E+05	3.6855978E+05	3.2324491E+05
2.9684444E+05	2.5022934E+05	2.3372027E+05		
1.639972E+03	3.9353344E+05	3.8189088E+05	3.6825225E+05	3.2298466E+05
2.9659047E+05	2.5002162E+05	2.3355403E+05		
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2.9701519E+05	2.5026312E+05	2.3371817E+05		
1.649982E+03	3.9605628E+05	3.8442134E+05	3.7079334E+05	3.2472056E+05
2.9801278E+05	2.5085667E+05	2.3411006E+05		
1.654998E+03	3.9489184E+05	3.8325847E+05	3.6965644E+05	3.2407391E+05
2.9750012E+05	2.5064442E+05	2.3408555E+05		

1.660028E+03 3.9403047E+05 3.8239578E+05 3.6878616E+05 3.2368384E+05
2.9723712E+05 2.5061327E+05 2.3420530E+05
1.665028E+03 3.9543941E+05 3.8383300E+05 3.7028191E+05 3.2469359E+05
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1.800348E+03 4.0343650E+05 3.9179422E+05 3.7816472E+05 3.3252084E+05
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3.0603444E+05 2.5977269E+05 2.4339598E+05
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1.835440E+03 4.0306178E+05 3.9142522E+05 3.7777834E+05 3.3257009E+05
3.0621312E+05 2.5976345E+05 2.4334488E+05
1.840440E+03 4.0331412E+05 3.9168747E+05 3.7806103E+05 3.3260962E+05
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1.845440E+03 4.0313691E+05 3.9150422E+05 3.7786222E+05 3.3263441E+05
3.0620800E+05 2.5966652E+05 2.4324092E+05
1.850440E+03 4.0345244E+05 3.9182694E+05 3.7819953E+05 3.3278053E+05
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1.855440E+03 4.0328234E+05 3.9163981E+05 3.7797412E+05 3.3282350E+05
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1.875459E+03 4.0406056E+05 3.9244038E+05 3.7883941E+05 3.3334169E+05
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3.0675003E+05 2.5986225E+05 2.4340005E+05
1.885502E+03 4.0412422E+05 3.9250628E+05 3.7891347E+05 3.3348741E+05
3.0684472E+05 2.5989169E+05 2.4341483E+05
1.890502E+03 4.0424125E+05 3.9262619E+05 3.7903884E+05 3.3356512E+05
3.0688456E+05 2.5990411E+05 2.4342869E+05
1.895548E+03 4.0427706E+05 3.9265178E+05 3.7903800E+05 3.3377431E+05
3.0713141E+05 2.6017338E+05 2.4373366E+05
1.900587E+03 4.0404797E+05 3.9244103E+05 3.7887531E+05 3.3342206E+05
3.0670803E+05 2.5971089E+05 2.4323033E+05
1.905594E+03 4.0473550E+05 3.9313056E+05 3.7956344E+05 3.3382056E+05
3.0701856E+05 2.5985806E+05 2.4328756E+05
1.910599E+03 4.0478219E+05 3.9315450E+05 3.7954016E+05 3.3425278E+05
3.0758678E+05 2.6049220E+05 2.4404275E+05
1.915604E+03 4.0443609E+05 3.9284669E+05 3.7931491E+05 3.3362131E+05
3.0690172E+05 2.5981805E+05 2.4342362E+05
1.920619E+03 4.0410262E+05 3.9247338E+05 3.7885984E+05 3.3380162E+05
3.0719772E+05 2.6014647E+05 2.4376477E+05
1.925623E+03 4.0499522E+05 3.9340434E+05 3.7987259E+05 3.3429034E+05
3.0755909E+05 2.6026791E+05 2.4375405E+05
1.930635E+03 4.0484681E+05 3.9322041E+05 3.7960616E+05 3.3429028E+05
3.0758828E+05 2.6029209E+05 2.4381011E+05
1.935664E+03 4.0546231E+05 3.9386491E+05 3.8031850E+05 3.3453006E+05
3.0771019E+05 2.6022862E+05 2.4365389E+05

1.940709E+03	4.0510541E+05	3.9351034E+05	3.7997097E+05	3.3438609E+05
3.0763984E+05	2.6022989E+05	2.4373330E+05		
1.945709E+03	4.0507272E+05	3.9349472E+05	3.7998728E+05	3.3447928E+05
3.0777725E+05	2.6040148E+05	2.4393322E+05		
1.950755E+03	4.0533962E+05	3.9371212E+05	3.8007225E+05	3.3482106E+05
3.0810678E+05	2.6065673E+05	2.4415941E+05		
1.955762E+03	4.0566566E+05	3.9410269E+05	3.8063106E+05	3.3491634E+05
3.0814800E+05	2.6061966E+05	2.4410378E+05		
1.960784E+03	4.0517503E+05	3.9358291E+05	3.8002838E+05	3.3452956E+05
3.0778275E+05	2.6025977E+05	2.4375544E+05		
1.965832E+03	4.0560650E+05	3.9402591E+05	3.8049675E+05	3.3477256E+05
3.0796778E+05	2.6028327E+05	2.4371127E+05		
1.970878E+03	4.0488788E+05	3.9331572E+05	3.7980594E+05	3.3446372E+05
3.0779994E+05	2.6032405E+05	2.4387573E+05		
1.975889E+03	4.0459888E+05	3.9300731E+05	3.7942691E+05	3.3454428E+05
3.0797547E+05	2.6061036E+05	2.4423400E+05		
1.980934E+03	4.0666922E+05	3.9499094E+05	3.8116316E+05	3.3640500E+05
3.0975416E+05	2.6218466E+05	2.4570175E+05		
1.985934E+03	4.1792059E+05	4.0603431E+05	3.9188956E+05	3.5311284E+05
3.2796869E+05	2.8297300E+05	2.6822991E+05		
1.990934E+03	4.1764806E+05	4.0580562E+05	3.9211884E+05	3.4626506E+05
3.1921625E+05	2.7145150E+05	2.5511692E+05		
1.995934E+03	4.1273884E+05	4.0106378E+05	3.8744012E+05	3.4050144E+05
3.1413584E+05	2.6737138E+05	2.5079695E+05		
2.000034E+03	4.1090975E+05	3.9918191E+05	3.8546753E+05	3.3964575E+05
3.1357850E+05	2.6734656E+05	2.5104798E+05		

TIME (sec)	P991704	P991804	P991904	P992004
1.000000E-10	7.1786000E+06	7.1711700E+06	7.1675100E+06	7.1668800E+06
1.003469E-01	7.1695780E+06	7.1635945E+06	7.1600350E+06	7.1594925E+06
2.016405E-01	7.1687220E+06	7.1615650E+06	7.1579250E+06	7.1572530E+06
3.143499E-01	7.1633330E+06	7.1564065E+06	7.1527530E+06	7.1520825E+06
4.176774E-01	7.1577340E+06	7.1510550E+06	7.1473740E+06	7.1467010E+06
5.179474E-01	7.1529270E+06	7.1463675E+06	7.1426545E+06	7.1419660E+06
6.236274E-01	7.1474100E+06	7.1411660E+06	7.1374145E+06	7.1367255E+06
7.657229E-01	7.1391280E+06	7.1330815E+06	7.1292840E+06	7.1285855E+06
8.878756E-01	7.1318500E+06	7.1261285E+06	7.1222670E+06	7.1215635E+06
9.933645E-01	7.1257390E+06	7.1202525E+06	7.1163100E+06	7.1156000E+06
1.524044E+00	7.0959425E+06	7.0893560E+06	7.0888025E+06	7.0878040E+06
2.030162E+00	7.0689395E+06	7.0631245E+06	7.0624185E+06	7.0614175E+06
2.550346E+00	7.0325345E+06	7.0291250E+06	7.0259430E+06	7.0252285E+06
3.062366E+00	6.9968960E+06	6.9943330E+06	6.9913430E+06	6.9905005E+06
3.562366E+00	6.9278445E+06	6.9255660E+06	6.9230350E+06	6.9221300E+06
4.082775E+00	6.8417610E+06	6.8398110E+06	6.8377760E+06	6.8366160E+06
4.604100E+00	6.7640550E+06	6.7623590E+06	6.7606485E+06	6.7597485E+06
5.125216E+00	6.6927325E+06	6.6911415E+06	6.6895830E+06	6.6887815E+06
5.625216E+00	6.6296465E+06	6.6282275E+06	6.6268970E+06	6.6262040E+06
6.125216E+00	6.5728755E+06	6.5716780E+06	6.5706330E+06	6.5700340E+06
6.625216E+00	6.5210690E+06	6.5200135E+06	6.5193135E+06	6.5187540E+06
7.125216E+00	6.4766865E+06	6.4759425E+06	6.4754210E+06	6.4748965E+06
7.625216E+00	6.4412110E+06	6.4400815E+06	6.4397325E+06	6.4392570E+06
8.125216E+00	6.4108665E+06	6.4104335E+06	6.4100335E+06	6.4094730E+06
8.625216E+00	6.3935940E+06	6.3932295E+06	6.3928675E+06	6.3923595E+06
9.146049E+00	6.4049570E+06	6.4045945E+06	6.4042280E+06	6.4037590E+06
9.646049E+00	6.4261920E+06	6.4258260E+06	6.4254505E+06	6.4249795E+06
1.014605E+01	6.4385810E+06	6.4382025E+06	6.4378105E+06	6.4372830E+06
1.064605E+01	6.4372605E+06	6.4368985E+06	6.4365205E+06	6.4359755E+06

1.114605E+01	6.4236645E+06	6.4233205E+06	6.4229595E+06	6.4224370E+06
1.164605E+01	6.4123725E+06	6.4120670E+06	6.4117350E+06	6.4113335E+06
1.214605E+01	6.3926340E+06	6.3923125E+06	6.3919625E+06	6.3915815E+06
1.264605E+01	6.3635220E+06	6.3631735E+06	6.3628065E+06	6.3624350E+06
1.314605E+01	6.3376485E+06	6.3372615E+06	6.3368380E+06	6.3363260E+06
1.364605E+01	6.2837420E+06	6.2834810E+06	6.2831965E+06	6.2827465E+06
1.414605E+01	6.2325540E+06	6.2322020E+06	6.2318290E+06	6.2312480E+06
1.464605E+01	6.1709540E+06	6.1706225E+06	6.1702705E+06	6.1697105E+06
1.514605E+01	6.1051415E+06	6.1048100E+06	6.1044625E+06	6.1039110E+06
1.564605E+01	6.0419130E+06	6.0416040E+06	6.0412940E+06	6.0408165E+06
1.614605E+01	5.9813195E+06	5.9809810E+06	5.9806375E+06	5.9801070E+06
1.664605E+01	5.9218360E+06	5.9214935E+06	5.9211435E+06	5.9206055E+06
1.714605E+01	5.8625330E+06	5.8621930E+06	5.8618460E+06	5.8613100E+06
1.764605E+01	5.8053995E+06	5.8050700E+06	5.8047330E+06	5.8042120E+06
1.814605E+01	5.7564725E+06	5.7561650E+06	5.7558535E+06	5.7553645E+06
1.864605E+01	5.7008480E+06	5.7005680E+06	5.7002825E+06	5.6998365E+06
1.914605E+01	5.6536425E+06	5.6533060E+06	5.6529615E+06	5.6524325E+06
1.964605E+01	5.6122530E+06	5.6119330E+06	5.6116055E+06	5.6110975E+06
2.014605E+01	5.5717225E+06	5.5713865E+06	5.5710485E+06	5.5705205E+06
2.064605E+01	5.5363085E+06	5.5359765E+06	5.5356475E+06	5.5351365E+06
2.114605E+01	5.5046575E+06	5.5043125E+06	5.5039765E+06	5.5034565E+06
2.164605E+01	5.4758185E+06	5.4754915E+06	5.4751835E+06	5.4747095E+06
2.214605E+01	5.4513125E+06	5.4509680E+06	5.4506495E+06	5.4501610E+06
2.266648E+01	5.4267275E+06	5.4263760E+06	5.4260590E+06	5.4255750E+06
2.318409E+01	5.4030395E+06	5.4026865E+06	5.4023715E+06	5.4018900E+06
2.368409E+01	5.3810385E+06	5.3806925E+06	5.3803835E+06	5.3799115E+06
2.418409E+01	5.3559035E+06	5.3555505E+06	5.3552400E+06	5.3547630E+06
2.468420E+01	5.3309440E+06	5.3305825E+06	5.3302685E+06	5.3297855E+06
2.518866E+01	5.3041640E+06	5.3038030E+06	5.3034965E+06	5.3030250E+06
2.570592E+01	5.2767840E+06	5.2764170E+06	5.2761070E+06	5.2756330E+06
2.622136E+01	5.2490740E+06	5.2486985E+06	5.2483840E+06	5.2479070E+06
2.673972E+01	5.2239310E+06	5.2235460E+06	5.2232275E+06	5.2227425E+06
2.724740E+01	5.1997450E+06	5.1993555E+06	5.1990420E+06	5.1985650E+06
2.776852E+01	5.1750445E+06	5.1746610E+06	5.1743510E+06	5.1738790E+06
2.828743E+01	5.1498740E+06	5.1494755E+06	5.1491740E+06	5.1487130E+06
2.878743E+01	5.1252320E+06	5.1248220E+06	5.1245240E+06	5.1240700E+06
2.928743E+01	5.1001255E+06	5.0997075E+06	5.0994115E+06	5.0989590E+06
2.978743E+01	5.0748740E+06	5.0744450E+06	5.0741490E+06	5.0736975E+06
3.028743E+01	5.0494480E+06	5.0490095E+06	5.0487160E+06	5.0482660E+06
3.078743E+01	5.0239910E+06	5.0235425E+06	5.0232505E+06	5.0228025E+06
3.128743E+01	4.9987745E+06	4.9983145E+06	4.9980245E+06	4.9975795E+06
3.178743E+01	4.9724975E+06	4.9720205E+06	4.9717290E+06	4.9712825E+06
3.228743E+01	4.9461085E+06	4.9456205E+06	4.9453335E+06	4.9448900E+06
3.278743E+01	4.9199315E+06	4.9194335E+06	4.9191465E+06	4.9187040E+06
3.328743E+01	4.8935800E+06	4.8930845E+06	4.8928110E+06	4.8923875E+06
3.378743E+01	4.8703730E+06	4.8699160E+06	4.8696540E+06	4.8692480E+06
3.428743E+01	4.8446340E+06	4.8441200E+06	4.8438250E+06	4.8433715E+06
3.478743E+01	4.8149850E+06	4.8144510E+06	4.8141605E+06	4.8137140E+06
3.528743E+01	4.7838305E+06	4.7832900E+06	4.7830085E+06	4.7825745E+06
3.578743E+01	4.7516530E+06	4.7510910E+06	4.7508050E+06	4.7503635E+06
3.628743E+01	4.7197825E+06	4.7192060E+06	4.7189235E+06	4.7184855E+06
3.678743E+01	4.6890540E+06	4.6884805E+06	4.6882175E+06	4.6878065E+06
3.728743E+01	4.6592915E+06	4.6586945E+06	4.6584280E+06	4.6580115E+06
3.778743E+01	4.6289250E+06	4.6283260E+06	4.6280620E+06	4.6276500E+06
3.830806E+01	4.5975700E+06	4.5969780E+06	4.5967140E+06	4.5963020E+06
3.880806E+01	4.5670970E+06	4.5665165E+06	4.5662555E+06	4.5658500E+06
3.930806E+01	4.5367865E+06	4.5362150E+06	4.5359550E+06	4.5355505E+06

3.983299E+01	4.5052075E+06	4.5046555E+06	4.5043995E+06	4.5040030E+06
4.034888E+01	4.4723390E+06	4.4717295E+06	4.4715570E+06	4.4712910E+06
4.086869E+01	4.4426130E+06	4.4420735E+06	4.4418060E+06	4.4413980E+06
4.137451E+01	4.4138890E+06	4.4133540E+06	4.4130935E+06	4.4126960E+06
4.188536E+01	4.3840740E+06	4.3835305E+06	4.3832760E+06	4.3828855E+06
4.239460E+01	4.3541605E+06	4.3536170E+06	4.3533660E+06	4.3529825E+06
4.290141E+01	4.3234190E+06	4.3228810E+06	4.3226355E+06	4.3222610E+06
4.340367E+01	4.2922210E+06	4.2916795E+06	4.2914280E+06	4.2910460E+06
4.391029E+01	4.2625420E+06	4.2620065E+06	4.2617640E+06	4.2613950E+06
4.442013E+01	4.2324045E+06	4.2318675E+06	4.2316260E+06	4.2312590E+06
4.493227E+01	4.2018645E+06	4.2013400E+06	4.2011055E+06	4.2007475E+06
4.543827E+01	4.1715052E+06	4.1709780E+06	4.1707385E+06	4.1703735E+06
4.593893E+01	4.1430470E+06	4.1425245E+06	4.1422875E+06	4.1419242E+06
4.644418E+01	4.1160828E+06	4.1155530E+06	4.1153128E+06	4.1149448E+06
4.695213E+01	4.0902725E+06	4.0897432E+06	4.0895010E+06	4.0891310E+06
4.745940E+01	4.0647925E+06	4.0642698E+06	4.0640362E+06	4.0636782E+06
4.797015E+01	4.0393655E+06	4.0388495E+06	4.0386185E+06	4.0382645E+06
4.847311E+01	4.0149605E+06	4.0144542E+06	4.0142258E+06	4.0138755E+06
4.898312E+01	3.9906192E+06	3.9901248E+06	3.9898982E+06	3.9895512E+06
4.948804E+01	3.9670968E+06	3.9666620E+06	3.9664760E+06	3.9661885E+06
4.999225E+01	3.9417105E+06	3.9411480E+06	3.9408372E+06	3.9403710E+06
5.049424E+01	3.9208645E+06	3.9204828E+06	3.9202998E+06	3.9200118E+06
5.099622E+01	3.8968545E+06	3.8964820E+06	3.8963132E+06	3.8960540E+06
5.149626E+01	3.8723562E+06	3.8720495E+06	3.8719285E+06	3.8717388E+06
5.199947E+01	3.8492958E+06	3.8489195E+06	3.8487450E+06	3.8484840E+06
5.250106E+01	3.8284100E+06	3.8280170E+06	3.8278025E+06	3.8274750E+06
5.300600E+01	3.8052540E+06	3.8048595E+06	3.8046408E+06	3.8043090E+06
5.351564E+01	3.7826200E+06	3.7822540E+06	3.7820510E+06	3.7817420E+06
5.402672E+01	3.7594665E+06	3.7590820E+06	3.7588542E+06	3.7585075E+06
5.452872E+01	3.7373032E+06	3.7369285E+06	3.7367125E+06	3.7363838E+06
5.503849E+01	3.7147472E+06	3.7143682E+06	3.7141525E+06	3.7138235E+06
5.554660E+01	3.6916448E+06	3.6912750E+06	3.6910590E+06	3.6907300E+06
5.606082E+01	3.6694675E+06	3.6691168E+06	3.6689095E+06	3.6685940E+06
5.657179E+01	3.6486600E+06	3.6483190E+06	3.6481182E+06	3.6478115E+06
5.707279E+01	3.6294712E+06	3.6291185E+06	3.6289072E+06	3.6285855E+06
5.758298E+01	3.6105875E+06	3.6102540E+06	3.6100578E+06	3.6097592E+06
5.810007E+01	3.5914738E+06	3.5911435E+06	3.5909478E+06	3.5906500E+06
5.860656E+01	3.5718238E+06	3.5714790E+06	3.5712702E+06	3.5709532E+06
5.912025E+01	3.5528022E+06	3.5524655E+06	3.5522635E+06	3.5519565E+06
5.962025E+01	3.5347010E+06	3.5343645E+06	3.5341625E+06	3.5338550E+06
6.012025E+01	3.5166208E+06	3.5162845E+06	3.5160835E+06	3.5157780E+06
6.062025E+01	3.4982850E+06	3.4979510E+06	3.4977538E+06	3.4974538E+06
6.112025E+01	3.4798382E+06	3.4795005E+06	3.4793028E+06	3.4790015E+06
6.162025E+01	3.4609240E+06	3.4606098E+06	3.4604342E+06	3.4601665E+06
6.212025E+01	3.4419228E+06	3.4415758E+06	3.4413710E+06	3.4410605E+06
6.262025E+01	3.4223250E+06	3.4219872E+06	3.4217915E+06	3.4214938E+06
6.312025E+01	3.4024490E+06	3.4021125E+06	3.4019182E+06	3.4016222E+06
6.362025E+01	3.3822395E+06	3.3819002E+06	3.3817018E+06	3.3814000E+06
6.412025E+01	3.3618980E+06	3.3615625E+06	3.3613670E+06	3.3610690E+06
6.462025E+01	3.3415058E+06	3.3411770E+06	3.3409848E+06	3.3406922E+06
6.514344E+01	3.3200915E+06	3.3197658E+06	3.3195755E+06	3.3192850E+06
6.566270E+01	3.2988600E+06	3.2985370E+06	3.2983452E+06	3.2980535E+06
6.618295E+01	3.2777775E+06	3.2774585E+06	3.2772705E+06	3.2769832E+06
6.668818E+01	3.2573420E+06	3.2570268E+06	3.2568385E+06	3.2565512E+06
6.719306E+01	3.2373585E+06	3.2370512E+06	3.2368642E+06	3.2365780E+06
6.770707E+01	3.2180762E+06	3.2177815E+06	3.2175972E+06	3.2173145E+06
6.821601E+01	3.1988182E+06	3.1985222E+06	3.1983408E+06	3.1980618E+06

6.872067E+01	3.1796552E+06	3.1793605E+06	3.1791802E+06	3.1789042E+06
6.922510E+01	3.1605658E+06	3.1602720E+06	3.1600925E+06	3.1598175E+06
6.973701E+01	3.1398548E+06	3.1395605E+06	3.1393768E+06	3.1390948E+06
7.023885E+01	3.1193892E+06	3.1191022E+06	3.1189272E+06	3.1186588E+06
7.074079E+01	3.0995102E+06	3.0992175E+06	3.0990432E+06	3.0987760E+06
7.124079E+01	3.0789848E+06	3.0786860E+06	3.0785102E+06	3.0782412E+06
7.175066E+01	3.0580028E+06	3.0577038E+06	3.0575282E+06	3.0572595E+06
7.227091E+01	3.0367358E+06	3.0364288E+06	3.0362548E+06	3.0359880E+06
7.277091E+01	3.0178065E+06	3.0175085E+06	3.0173445E+06	3.0170930E+06
7.327091E+01	2.9989582E+06	2.9986515E+06	2.9984900E+06	2.9982432E+06
7.377091E+01	2.9808345E+06	2.9805305E+06	2.9803648E+06	2.9801122E+06
7.427091E+01	2.9670852E+06	2.9667830E+06	2.9666122E+06	2.9663508E+06
7.478299E+01	2.9454998E+06	2.9450180E+06	2.9448392E+06	2.9445590E+06
7.528299E+01	2.9212658E+06	2.9208068E+06	2.9206252E+06	2.9203362E+06
7.578299E+01	2.8976200E+06	2.8971248E+06	2.8969420E+06	2.8966562E+06
7.628299E+01	2.8745745E+06	2.8741078E+06	2.8739432E+06	2.8736830E+06
7.678299E+01	2.8521820E+06	2.8517118E+06	2.8515475E+06	2.8512870E+06
7.728299E+01	2.8299228E+06	2.8294512E+06	2.8292888E+06	2.8290305E+06
7.778299E+01	2.8081485E+06	2.8076785E+06	2.8075160E+06	2.8072585E+06
7.830791E+01	2.7860270E+06	2.7855795E+06	2.7854325E+06	2.7851965E+06
7.880791E+01	2.7657442E+06	2.7652948E+06	2.7651458E+06	2.7649078E+06
7.930791E+01	2.7455245E+06	2.7450870E+06	2.7449462E+06	2.7447185E+06
7.980791E+01	2.7255388E+06	2.7251145E+06	2.7249790E+06	2.7247608E+06
8.030791E+01	2.7057605E+06	2.7053402E+06	2.7052068E+06	2.7049902E+06
8.080791E+01	2.6863902E+06	2.6859722E+06	2.6858405E+06	2.6856262E+06
8.130791E+01	2.6673415E+06	2.6669260E+06	2.6667950E+06	2.6665820E+06
8.180791E+01	2.6485845E+06	2.6481608E+06	2.6480252E+06	2.6478060E+06
8.230791E+01	2.6299918E+06	2.6295658E+06	2.6294280E+06	2.6292058E+06
8.280791E+01	2.6116915E+06	2.6112698E+06	2.6111345E+06	2.6109158E+06
8.330791E+01	2.5936550E+06	2.5932370E+06	2.5931010E+06	2.5928820E+06
8.380791E+01	2.5757365E+06	2.5753175E+06	2.5751802E+06	2.5749602E+06
8.430791E+01	2.5576775E+06	2.5572720E+06	2.5571390E+06	2.5569232E+06
8.483009E+01	2.5392422E+06	2.5388120E+06	2.5386525E+06	2.5384010E+06
8.533189E+01	2.5214642E+06	2.5210840E+06	2.5209552E+06	2.5207465E+06
8.583189E+01	2.5040118E+06	2.5036320E+06	2.5035022E+06	2.5032930E+06
8.634407E+01	2.4863652E+06	2.4859955E+06	2.4858745E+06	2.4856778E+06
8.686680E+01	2.4689055E+06	2.4684892E+06	2.4683350E+06	2.4680918E+06
8.738983E+01	2.4508410E+06	2.4503998E+06	2.4502282E+06	2.4499628E+06
8.789572E+01	2.4329872E+06	2.4326610E+06	2.4325730E+06	2.4324228E+06
8.841684E+01	2.4123430E+06	2.4121258E+06	2.4122112E+06	2.4122858E+06
8.892328E+01	2.3986328E+06	2.3982150E+06	2.3980140E+06	2.3977092E+06
8.943372E+01	2.3834208E+06	2.3830065E+06	2.3828448E+06	2.3825948E+06
8.995622E+01	2.3660342E+06	2.3656528E+06	2.3655080E+06	2.3652798E+06
9.045622E+01	2.3497685E+06	2.3493830E+06	2.3492495E+06	2.3490375E+06
9.096755E+01	2.3337205E+06	2.3332880E+06	2.3331228E+06	2.3328655E+06
9.146755E+01	2.3185138E+06	2.3181095E+06	2.3179672E+06	2.3177432E+06
9.196755E+01	2.3035240E+06	2.3031058E+06	2.3029530E+06	2.3027152E+06
9.248622E+01	2.2877860E+06	2.2874162E+06	2.2872972E+06	2.2871048E+06
9.299437E+01	2.2729422E+06	2.2725438E+06	2.2724035E+06	2.2721820E+06
9.350123E+01	2.2573510E+06	2.2569535E+06	2.2568110E+06	2.2565870E+06
9.401919E+01	2.2410818E+06	2.2406598E+06	2.2405000E+06	2.2402515E+06
9.453943E+01	2.2252240E+06	2.2248098E+06	2.2246555E+06	2.2244165E+06
9.504118E+01	2.2106778E+06	2.2102608E+06	2.2101145E+06	2.2098918E+06
9.554896E+01	2.1953790E+06	2.1950130E+06	2.1948935E+06	2.1947020E+06
9.604896E+01	2.1796748E+06	2.1793260E+06	2.1792192E+06	2.1790455E+06
9.654896E+01	2.1648415E+06	2.1644920E+06	2.1643792E+06	2.1641980E+06
9.706335E+01	2.1491495E+06	2.1487670E+06	2.1486310E+06	2.1484185E+06

9.758144E+01	2.1336088E+06	2.1332635E+06	2.1331505E+06	2.1329682E+06
9.808710E+01	2.1190735E+06	2.1187278E+06	2.1186128E+06	2.1184280E+06
9.859486E+01	2.1051882E+06	2.1048448E+06	2.1047328E+06	2.1045518E+06
9.910259E+01	2.0915610E+06	2.0912101E+06	2.0910909E+06	2.0909008E+06
9.960883E+01	2.0779921E+06	2.0776402E+06	2.0775201E+06	2.0773285E+06
1.050470E+02	1.9503026E+06	1.9499580E+06	1.9498379E+06	1.9496478E+06
1.100490E+02	1.8397341E+06	1.8393929E+06	1.8392779E+06	1.8390986E+06
1.150536E+02	1.7297024E+06	1.7294056E+06	1.7293074E+06	1.7291502E+06
1.200844E+02	1.6299145E+06	1.6296219E+06	1.6295209E+06	1.6293610E+06
1.251066E+02	1.5385065E+06	1.5381366E+06	1.5380390E+06	1.5378810E+06
1.301141E+02	1.4352791E+06	1.4349425E+06	1.4348581E+06	1.4347196E+06
1.351283E+02	1.3525460E+06	1.3522294E+06	1.3521505E+06	1.3520211E+06
1.401329E+02	1.2858180E+06	1.2855168E+06	1.2854445E+06	1.2853245E+06
1.451352E+02	1.2245298E+06	1.2242425E+06	1.2241699E+06	1.2240506E+06
1.501399E+02	1.1623492E+06	1.1620760E+06	1.1620068E+06	1.1618938E+06
1.551709E+02	1.0999856E+06	1.0997270E+06	1.0996615E+06	1.0995539E+06
1.602165E+02	1.0449159E+06	1.0446719E+06	1.0446091E+06	1.0445060E+06
1.652350E+02	9.9788794E+05	9.9765969E+05	9.9759900E+05	9.9749906E+05
1.702598E+02	9.5835956E+05	9.5813675E+05	9.5807956E+05	9.5798562E+05
1.752735E+02	9.1378612E+05	9.1353062E+05	9.1347312E+05	9.1337512E+05
1.802951E+02	8.6737831E+05	8.6713675E+05	8.6708194E+05	8.6698850E+05
1.853119E+02	8.2679775E+05	8.2657100E+05	8.2652044E+05	8.2643350E+05
1.903279E+02	7.9076631E+05	7.9055725E+05	7.9050762E+05	7.9042200E+05
1.953564E+02	7.5964031E+05	7.5944025E+05	7.5939256E+05	7.5931006E+05
2.003570E+02	7.3162731E+05	7.3143406E+05	7.3138769E+05	7.3130800E+05
2.053755E+02	7.0699956E+05	7.0680944E+05	7.0676438E+05	7.0668706E+05
2.104183E+02	6.7929925E+05	6.7911606E+05	6.7907244E+05	6.7899800E+05
2.154335E+02	6.5569050E+05	6.5551531E+05	6.5547425E+05	6.5540362E+05
2.204606E+02	6.3297288E+05	6.3280762E+05	6.3276719E+05	6.3269744E+05
2.254792E+02	6.1091194E+05	6.1073425E+05	6.1069312E+05	6.1062131E+05
2.304864E+02	5.8853225E+05	5.8835675E+05	5.8831869E+05	5.8825238E+05
2.354968E+02	5.6907606E+05	5.6890812E+05	5.6887219E+05	5.6880931E+05
2.404991E+02	5.5096819E+05	5.5081256E+05	5.5077731E+05	5.5071544E+05
2.455048E+02	5.3392094E+05	5.3377156E+05	5.3373594E+05	5.3367400E+05
2.505233E+02	5.1965066E+05	5.1950491E+05	5.1947162E+05	5.1941394E+05
2.555298E+02	5.0711697E+05	5.0698094E+05	5.0694828E+05	5.0689138E+05
2.605788E+02	4.9471500E+05	4.9457925E+05	4.9454719E+05	4.9449231E+05
2.656043E+02	4.8382469E+05	4.8370153E+05	4.8366944E+05	4.8361388E+05
2.706539E+02	4.7304916E+05	4.7293094E+05	4.7290044E+05	4.7284744E+05
2.756957E+02	4.6365756E+05	4.6353809E+05	4.6350784E+05	4.6345612E+05
2.807159E+02	4.5556472E+05	4.5544959E+05	4.5541969E+05	4.5536856E+05
2.857581E+02	4.4702575E+05	4.4691516E+05	4.4688584E+05	4.4683566E+05
2.907736E+02	4.3889209E+05	4.3878741E+05	4.3875806E+05	4.3870803E+05
2.957799E+02	4.3103294E+05	4.3092812E+05	4.3090012E+05	4.3085288E+05
3.007857E+02	4.2319450E+05	4.2309444E+05	4.2306681E+05	4.2302016E+05
3.058138E+02	4.1680428E+05	4.1671041E+05	4.1668328E+05	4.1663741E+05
3.108138E+02	4.0982056E+05	4.0972788E+05	4.0970069E+05	4.0965519E+05
3.158304E+02	4.0017866E+05	4.0008978E+05	4.0006359E+05	4.0001978E+05
3.208480E+02	3.8938412E+05	3.8930194E+05	3.8927681E+05	3.8923481E+05
3.258746E+02	3.8093303E+05	3.8085072E+05	3.8082534E+05	3.8078356E+05
3.308900E+02	3.7163691E+05	3.7155928E+05	3.7153706E+05	3.7150059E+05
3.358961E+02	3.6375316E+05	3.6367697E+05	3.6365378E+05	3.6361631E+05
3.409074E+02	3.5721162E+05	3.5714241E+05	3.5711919E+05	3.5708162E+05
3.459233E+02	3.5133984E+05	3.5127594E+05	3.5125325E+05	3.5121675E+05
3.509260E+02	3.4678781E+05	3.4672522E+05	3.4670241E+05	3.4666603E+05
3.559283E+02	3.4188906E+05	3.4182959E+05	3.4180744E+05	3.4177225E+05
3.609366E+02	3.3827066E+05	3.3821503E+05	3.3819353E+05	3.3815941E+05

3.659482E+02	3.3462456E+05	3.3457150E+05	3.3455116E+05	3.3451891E+05
3.709486E+02	3.3119816E+05	3.3114706E+05	3.3112603E+05	3.3109291E+05
3.759580E+02	3.2854441E+05	3.2849400E+05	3.2847272E+05	3.2843931E+05
3.809612E+02	3.2611491E+05	3.2606491E+05	3.2604319E+05	3.2600925E+05
3.859788E+02	3.2463297E+05	3.2458512E+05	3.2456447E+05	3.2453212E+05
3.910090E+02	3.2262747E+05	3.2258122E+05	3.2256059E+05	3.2252834E+05
3.960181E+02	3.2015116E+05	3.2010566E+05	3.2008491E+05	3.2005253E+05
4.010229E+02	3.1852053E+05	3.1847766E+05	3.1845722E+05	3.1842541E+05
4.060714E+02	3.1754991E+05	3.1750788E+05	3.1748750E+05	3.1745581E+05
4.111179E+02	3.1655391E+05	3.1651269E+05	3.1649256E+05	3.1646131E+05
4.161518E+02	3.1621109E+05	3.1617069E+05	3.1615053E+05	3.1611928E+05
4.211620E+02	3.1597109E+05	3.1593175E+05	3.1591162E+05	3.1588050E+05
4.261913E+02	3.1590000E+05	3.1585906E+05	3.1583878E+05	3.1580738E+05
4.311930E+02	3.1556325E+05	3.1552191E+05	3.1550166E+05	3.1547019E+05
4.361968E+02	3.1595325E+05	3.1591253E+05	3.1589222E+05	3.1586072E+05
4.412443E+02	3.1663003E+05	3.1658888E+05	3.1656850E+05	3.1653691E+05
4.462449E+02	3.1747050E+05	3.1742856E+05	3.1740803E+05	3.1737631E+05
4.512502E+02	3.1841288E+05	3.1837081E+05	3.1835031E+05	3.1831856E+05
4.562851E+02	3.1901981E+05	3.1897697E+05	3.1895622E+05	3.1892416E+05
4.613121E+02	3.1934269E+05	3.1929919E+05	3.1927862E+05	3.1924662E+05
4.663397E+02	3.1915066E+05	3.1910606E+05	3.1908516E+05	3.1905291E+05
4.713776E+02	3.1879391E+05	3.1874981E+05	3.1872912E+05	3.1869700E+05
4.763856E+02	3.1844241E+05	3.1839897E+05	3.1837828E+05	3.1834619E+05
4.814128E+02	3.1671275E+05	3.1667034E+05	3.1664888E+05	3.1661603E+05
4.864223E+02	3.1533281E+05	3.1529212E+05	3.1527134E+05	3.1523928E+05
4.914722E+02	3.1304150E+05	3.1300400E+05	3.1298409E+05	3.1295312E+05
4.964919E+02	3.1254431E+05	3.1250838E+05	3.1249234E+05	3.1246712E+05
5.015259E+02	3.1056597E+05	3.1053116E+05	3.1051094E+05	3.1047991E+05
5.065450E+02	3.1015775E+05	3.1011962E+05	3.1009691E+05	3.1006219E+05
5.115457E+02	3.0973134E+05	3.0969466E+05	3.0967269E+05	3.0963919E+05
5.165457E+02	3.1085669E+05	3.1082109E+05	3.1080044E+05	3.1076881E+05
5.215463E+02	3.1124159E+05	3.1120556E+05	3.1118656E+05	3.1115744E+05
5.265685E+02	3.1195616E+05	3.1192091E+05	3.1189956E+05	3.1186706E+05
5.316183E+02	3.1216312E+05	3.1212972E+05	3.1210919E+05	3.1207797E+05
5.366320E+02	3.1277084E+05	3.1273753E+05	3.1271703E+05	3.1268588E+05
5.416345E+02	3.1325141E+05	3.1321722E+05	3.1319666E+05	3.1316525E+05
5.466345E+02	3.1216228E+05	3.1212916E+05	3.1210878E+05	3.1207781E+05
5.516580E+02	3.1133006E+05	3.1129741E+05	3.1127706E+05	3.1124616E+05
5.566583E+02	3.1197853E+05	3.1195634E+05	3.1194622E+05	3.1192997E+05
5.616711E+02	3.1044891E+05	3.1041659E+05	3.1039622E+05	3.1036534E+05
5.666711E+02	3.1023250E+05	3.1020006E+05	3.1017969E+05	3.1014869E+05
5.717148E+02	3.0986438E+05	3.0983253E+05	3.0981228E+05	3.0978153E+05
5.767209E+02	3.0922022E+05	3.0918838E+05	3.0916803E+05	3.0913722E+05
5.817575E+02	3.0921862E+05	3.0918684E+05	3.0916672E+05	3.0913622E+05
5.867994E+02	3.1839438E+05	3.1835694E+05	3.1833619E+05	3.1830369E+05
5.918351E+02	3.1514278E+05	3.1510747E+05	3.1508725E+05	3.1505644E+05
5.968547E+02	3.1536503E+05	3.1532922E+05	3.1530856E+05	3.1527694E+05
6.018547E+02	3.1144509E+05	3.1141119E+05	3.1139078E+05	3.1135966E+05
6.068926E+02	3.0754269E+05	3.0751147E+05	3.0749175E+05	3.0746175E+05
6.119015E+02	3.0818622E+05	3.0815500E+05	3.0813472E+05	3.0810400E+05
6.169453E+02	3.0882519E+05	3.0879303E+05	3.0877275E+05	3.0874203E+05
6.219643E+02	3.0483416E+05	3.0480447E+05	3.0478425E+05	3.0475369E+05
6.269753E+02	3.0289562E+05	3.0287238E+05	3.0285312E+05	3.0282234E+05
6.319825E+02	3.0098831E+05	3.0096119E+05	3.0094172E+05	3.0091238E+05
6.369911E+02	2.9939212E+05	2.9936475E+05	2.9934500E+05	2.9931534E+05
6.420153E+02	3.0078241E+05	3.0075550E+05	3.0073572E+05	3.0070600E+05
6.470455E+02	3.0870847E+05	3.0867984E+05	3.0866231E+05	3.0863656E+05

6.520916E+02	3.1229931E+05	3.1226556E+05	3.1224494E+05	3.1221372E+05
6.571367E+02	3.0804166E+05	3.0801225E+05	3.0799259E+05	3.0796191E+05
6.621520E+02	3.0636859E+05	3.0633747E+05	3.0631712E+05	3.0628638E+05
6.671806E+02	3.0637975E+05	3.0634616E+05	3.0632494E+05	3.0629291E+05
6.722262E+02	3.0627103E+05	3.0623819E+05	3.0621666E+05	3.0618353E+05
6.772686E+02	3.0196194E+05	3.0193359E+05	3.0191350E+05	3.0188331E+05
6.822707E+02	3.0198075E+05	3.0195309E+05	3.0193356E+05	3.0190388E+05
6.872923E+02	2.9857069E+05	2.9854512E+05	2.9852519E+05	2.9849538E+05
6.922954E+02	2.9865981E+05	2.9863334E+05	2.9861362E+05	2.9858412E+05
6.973051E+02	2.9869819E+05	2.9867153E+05	2.9865184E+05	2.9862234E+05
7.023073E+02	3.0048638E+05	3.0045888E+05	3.0043981E+05	3.0041147E+05
7.073430E+02	2.9994850E+05	2.9992119E+05	2.9990225E+05	2.9987459E+05
7.123453E+02	3.0559669E+05	3.0556606E+05	3.0554609E+05	3.0551584E+05
7.173482E+02	3.0179772E+05	3.0178722E+05	3.0178947E+05	3.0179181E+05
7.223600E+02	2.9872125E+05	2.9869862E+05	2.9868100E+05	2.9865325E+05
7.273726E+02	2.9851388E+05	2.9848678E+05	2.9846825E+05	2.9844103E+05
7.324192E+02	3.0017569E+05	3.0015022E+05	3.0013219E+05	3.0010428E+05
7.374575E+02	2.9815872E+05	2.9813256E+05	2.9811338E+05	2.9808478E+05
7.424575E+02	2.9654184E+05	2.9651584E+05	2.9649634E+05	2.9646694E+05
7.474720E+02	2.9801684E+05	2.9799006E+05	2.9797044E+05	2.9794091E+05
7.524910E+02	2.9604981E+05	2.9602409E+05	2.9600469E+05	2.9597569E+05
7.575264E+02	2.9477866E+05	2.9475350E+05	2.9473419E+05	2.9470534E+05
7.625316E+02	2.9312547E+05	2.9310131E+05	2.9308197E+05	2.9305328E+05
7.675541E+02	2.9427775E+05	2.9425462E+05	2.9423528E+05	2.9420662E+05
7.725990E+02	2.9710412E+05	2.9708059E+05	2.9706112E+05	2.9703181E+05
7.776382E+02	2.9822366E+05	2.9819741E+05	2.9817775E+05	2.9814825E+05
7.826681E+02	2.9866256E+05	2.9863688E+05	2.9861725E+05	2.9858772E+05
7.876682E+02	2.9337472E+05	2.9335216E+05	2.9333169E+05	2.9330100E+05
7.927143E+02	2.9429362E+05	2.9427453E+05	2.9425859E+05	2.9423456E+05
7.977427E+02	2.9134744E+05	2.9132506E+05	2.9130584E+05	2.9127716E+05
8.027863E+02	2.9185562E+05	2.9183503E+05	2.9181650E+05	2.9178869E+05
8.077863E+02	2.9226350E+05	2.9224241E+05	2.9222456E+05	2.9219791E+05
8.128088E+02	2.8970000E+05	2.8967794E+05	2.8965878E+05	2.8963031E+05
8.178396E+02	2.9114534E+05	2.9112591E+05	2.9111122E+05	2.9108922E+05
8.228683E+02	2.9199603E+05	2.9197125E+05	2.9194994E+05	2.9191812E+05
8.279000E+02	2.8904609E+05	2.8902612E+05	2.8900934E+05	2.8898462E+05
8.329000E+02	2.8776459E+05	2.8774541E+05	2.8772866E+05	2.8770362E+05
8.379267E+02	2.8803144E+05	2.8800947E+05	2.8799053E+05	2.8796253E+05
8.429336E+02	2.9089634E+05	2.9087100E+05	2.9085178E+05	2.9082341E+05
8.479440E+02	2.9495397E+05	2.9490381E+05	2.9488428E+05	2.9485384E+05
8.529523E+02	2.9831647E+05	2.9828069E+05	2.9826159E+05	2.9823181E+05
8.579803E+02	2.9405981E+05	2.9403072E+05	2.9401106E+05	2.9398081E+05
8.630277E+02	2.9093388E+05	2.9091119E+05	2.9089272E+05	2.9086444E+05
8.680298E+02	2.8958375E+05	2.8956122E+05	2.8954206E+05	2.8951272E+05
8.730469E+02	2.8886631E+05	2.8884381E+05	2.8882478E+05	2.8879625E+05
8.780671E+02	2.8736712E+05	2.8734541E+05	2.8732641E+05	2.8729794E+05
8.830836E+02	2.8692866E+05	2.8690806E+05	2.8688934E+05	2.8686119E+05
8.881301E+02	2.8685394E+05	2.8683219E+05	2.8681297E+05	2.8678425E+05
8.931561E+02	2.8566644E+05	2.8564378E+05	2.8562356E+05	2.8559344E+05
8.981845E+02	2.8776491E+05	2.8774256E+05	2.8772356E+05	2.8769500E+05
9.032300E+02	2.8490406E+05	2.8488428E+05	2.8486622E+05	2.8483869E+05
9.082662E+02	2.8497303E+05	2.8495306E+05	2.8493466E+05	2.8490700E+05
9.133143E+02	2.8370691E+05	2.8368906E+05	2.8367044E+05	2.8364231E+05
9.183594E+02	2.8589722E+05	2.8587719E+05	2.8585812E+05	2.8582941E+05
9.233762E+02	2.8576822E+05	2.8575356E+05	2.8573788E+05	2.8571331E+05
9.283935E+02	2.8617975E+05	2.8616325E+05	2.8614562E+05	2.8611859E+05
9.334008E+02	3.0063394E+05	2.9494559E+05	2.9479544E+05	2.9475312E+05

9.384365E+02	3.0704881E+05	3.0463322E+05	3.0457909E+05	3.0455069E+05
9.434605E+02	3.0318044E+05	3.0203747E+05	3.0198825E+05	3.0195872E+05
9.484623E+02	3.0214059E+05	2.9808875E+05	2.9800881E+05	2.9798166E+05
9.534870E+02	3.0199438E+05	2.9779669E+05	2.9688528E+05	2.9685444E+05
9.585121E+02	3.0022747E+05	2.9616847E+05	2.9581122E+05	2.9578138E+05
9.635247E+02	2.9945747E+05	2.9533975E+05	2.9422041E+05	2.9418894E+05
9.685247E+02	2.9824872E+05	2.9408138E+05	2.9399666E+05	2.9396744E+05
9.735247E+02	2.9777638E+05	2.9348225E+05	2.9315641E+05	2.9312616E+05
9.785247E+02	2.9616591E+05	2.9216712E+05	2.9211481E+05	2.9208525E+05
9.835706E+02	2.9597972E+05	2.9210731E+05	2.9113081E+05	2.9110641E+05
9.885706E+02	2.9517638E+05	2.9141731E+05	2.9086438E+05	2.9083694E+05
9.935714E+02	2.9526578E+05	2.9228028E+05	2.9220559E+05	2.9217669E+05
9.986208E+02	2.9407169E+05	2.9048891E+05	2.9040775E+05	2.9037750E+05
1.003653E+03	2.9365869E+05	2.8982544E+05	2.8975141E+05	2.8972184E+05
1.008698E+03	2.9270194E+05	2.8932672E+05	2.8927306E+05	2.8924591E+05
1.013703E+03	2.9339466E+05	2.9009278E+05	2.9001322E+05	2.8997694E+05
1.018708E+03	2.9192525E+05	2.8864822E+05	2.8856638E+05	2.8853153E+05
1.023737E+03	2.9131331E+05	2.8753591E+05	2.8747900E+05	2.8745278E+05
1.028787E+03	2.9094972E+05	2.8705794E+05	2.8700409E+05	2.8697700E+05
1.033812E+03	2.9128769E+05	2.8777762E+05	2.8771294E+05	2.8768744E+05
1.038826E+03	2.9113097E+05	2.8745191E+05	2.8738088E+05	2.8735544E+05
1.043868E+03	2.9099669E+05	2.8709859E+05	2.8704600E+05	2.8701634E+05
1.048868E+03	2.9183947E+05	2.8804388E+05	2.8797266E+05	2.8794259E+05
1.053917E+03	2.9287084E+05	2.8880506E+05	2.8874778E+05	2.8871866E+05
1.058917E+03	2.9174909E+05	2.8796419E+05	2.8789347E+05	2.8786262E+05
1.063917E+03	2.9349109E+05	2.8925744E+05	2.8919997E+05	2.8917303E+05
1.068917E+03	2.9362959E+05	2.8902881E+05	2.8896241E+05	2.8893456E+05
1.073917E+03	2.9863156E+05	2.9539347E+05	2.9533856E+05	2.9531028E+05
1.078917E+03	3.0300053E+05	3.0102494E+05	3.0098209E+05	3.0095212E+05
1.083917E+03	3.0605478E+05	3.0342609E+05	3.0338406E+05	3.0335328E+05
1.088917E+03	3.0624281E+05	3.0343866E+05	3.0339266E+05	3.0336200E+05
1.093917E+03	3.0413900E+05	3.0063222E+05	3.0058703E+05	3.0055631E+05
1.098959E+03	3.0075969E+05	2.9599909E+05	2.9531653E+05	2.9528678E+05
1.103988E+03	3.0027900E+05	2.9530091E+05	2.9369306E+05	2.9366306E+05
1.108988E+03	2.9835559E+05	2.9370478E+05	2.9365975E+05	2.9363128E+05
1.113988E+03	2.9699775E+05	2.9256622E+05	2.9075791E+05	2.9072925E+05
1.118988E+03	2.9578800E+05	2.9116503E+05	2.8957050E+05	2.8953953E+05
1.123988E+03	2.9500247E+05	2.9065219E+05	2.8786106E+05	2.8784081E+05
1.128988E+03	2.9334031E+05	2.8846778E+05	2.8654994E+05	2.8651194E+05
1.133988E+03	2.9282081E+05	2.8809584E+05	2.8501781E+05	2.8498191E+05
1.138988E+03	2.9214531E+05	2.8730916E+05	2.8518247E+05	2.8514900E+05
1.143988E+03	2.9130809E+05	2.8647081E+05	2.8532669E+05	2.8530166E+05
1.149029E+03	2.9047197E+05	2.8582644E+05	2.8368600E+05	2.8366512E+05
1.154029E+03	2.9172406E+05	2.8645094E+05	2.8452541E+05	2.8449691E+05
1.159029E+03	2.8971572E+05	2.8469456E+05	2.8372734E+05	2.8369869E+05
1.164029E+03	2.9095888E+05	2.8557181E+05	2.8489634E+05	2.8486638E+05
1.169073E+03	2.8899469E+05	2.8407362E+05	2.8327312E+05	2.8324075E+05
1.174073E+03	2.8995056E+05	2.8514850E+05	2.8273725E+05	2.8271609E+05
1.179073E+03	2.8951747E+05	2.8442884E+05	2.8248178E+05	2.8245300E+05
1.184122E+03	2.8866891E+05	2.8386472E+05	2.8163338E+05	2.8161475E+05
1.189164E+03	2.8913169E+05	2.8428466E+05	2.8137112E+05	2.8134053E+05
1.194184E+03	2.8853991E+05	2.8360038E+05	2.8031944E+05	2.8029419E+05
1.199231E+03	2.8855541E+05	2.8361022E+05	2.8033100E+05	2.8030378E+05
1.204231E+03	2.8897747E+05	2.8357928E+05	2.8093969E+05	2.8091000E+05
1.209231E+03	2.8796869E+05	2.8288259E+05	2.8077453E+05	2.8074122E+05
1.214231E+03	2.8802984E+05	2.8305819E+05	2.8015638E+05	2.8012519E+05
1.219231E+03	2.8770197E+05	2.8272097E+05	2.7953856E+05	2.7951050E+05

1.224231E+03	2.8889241E+05	2.8388778E+05	2.8010278E+05	2.8004534E+05
1.229231E+03	2.8437841E+05	2.7876334E+05	2.7790259E+05	2.7788272E+05
1.234231E+03	2.8324550E+05	2.7756972E+05	2.7736397E+05	2.7733728E+05
1.239231E+03	2.8249244E+05	2.7655081E+05	2.7647928E+05	2.7644172E+05
1.244231E+03	2.8296272E+05	2.7680731E+05	2.7678256E+05	2.7676178E+05
1.249231E+03	2.8187025E+05	2.7699284E+05	2.7697591E+05	2.7695003E+05
1.254231E+03	2.7853766E+05	2.7445025E+05	2.7442022E+05	2.7439319E+05
1.259231E+03	2.7851225E+05	2.7363631E+05	2.7359975E+05	2.7357147E+05
1.264231E+03	2.7827694E+05	2.7343956E+05	2.7341478E+05	2.7338562E+05
1.269231E+03	2.7516956E+05	2.7172800E+05	2.7169966E+05	2.7167528E+05
1.274231E+03	2.7412391E+05	2.7030341E+05	2.7027341E+05	2.7024741E+05
1.279231E+03	2.7324359E+05	2.6895356E+05	2.6891972E+05	2.6889100E+05
1.284231E+03	2.7263206E+05	2.6809625E+05	2.6806578E+05	2.6803809E+05
1.289231E+03	2.7098284E+05	2.6689706E+05	2.6687503E+05	2.6685281E+05
1.294280E+03	2.6973478E+05	2.6582028E+05	2.6578653E+05	2.6576022E+05
1.299280E+03	2.7009506E+05	2.6529444E+05	2.6526347E+05	2.6523909E+05
1.304280E+03	2.6772962E+05	2.6429438E+05	2.6427109E+05	2.6424522E+05
1.309280E+03	2.6671244E+05	2.6339184E+05	2.6335850E+05	2.6333559E+05
1.314280E+03	2.6680603E+05	2.6240481E+05	2.6237838E+05	2.6235656E+05
1.319280E+03	2.6555581E+05	2.6155888E+05	2.6153962E+05	2.6151795E+05
1.324280E+03	2.6454972E+05	2.6054891E+05	2.6052016E+05	2.6049470E+05
1.329280E+03	2.6337091E+05	2.6000550E+05	2.5998075E+05	2.5995538E+05
1.334329E+03	2.6266338E+05	2.5899070E+05	2.5896458E+05	2.5894014E+05
1.339329E+03	2.6240544E+05	2.5862816E+05	2.5860308E+05	2.5857862E+05
1.344329E+03	2.6138802E+05	2.5764359E+05	2.5760898E+05	2.5758725E+05
1.349329E+03	2.6111792E+05	2.5673895E+05	2.5669816E+05	2.5666541E+05
1.354329E+03	2.6034425E+05	2.5653641E+05	2.5651198E+05	2.5649106E+05
1.359336E+03	2.5925417E+05	2.5533981E+05	2.5530527E+05	2.5527736E+05
1.364336E+03	2.5819622E+05	2.5469841E+05	2.5467238E+05	2.5464980E+05
1.369336E+03	2.5626045E+05	2.5344164E+05	2.5341238E+05	2.5338759E+05
1.374336E+03	2.5696009E+05	2.5247278E+05	2.5243988E+05	2.5241867E+05
1.379370E+03	2.5510967E+05	2.5083406E+05	2.5080475E+05	2.5077966E+05
1.384372E+03	2.5548002E+05	2.5045581E+05	2.5043798E+05	2.5041369E+05
1.389418E+03	2.5866416E+05	2.5400612E+05	2.5398594E+05	2.5396102E+05
1.394459E+03	2.7182606E+05	2.6306269E+05	2.6305991E+05	2.6303300E+05
1.399505E+03	2.6431953E+05	2.6171909E+05	2.6170620E+05	2.6167942E+05
1.404505E+03	2.6252653E+05	2.5978312E+05	2.5976045E+05	2.5973409E+05
1.409509E+03	2.7216350E+05	2.6559212E+05	2.6559072E+05	2.6556269E+05
1.414548E+03	2.6093639E+05	2.5861764E+05	2.5860259E+05	2.5857605E+05
1.419548E+03	2.5451923E+05	2.5335381E+05	2.5333747E+05	2.5331250E+05
1.424548E+03	2.5201902E+05	2.5101445E+05	2.5099772E+05	2.5097252E+05
1.429548E+03	2.4926509E+05	2.4829134E+05	2.4827545E+05	2.4825198E+05
1.434548E+03	2.4654048E+05	2.4583820E+05	2.4582095E+05	2.4579502E+05
1.439548E+03	2.4380322E+05	2.4285300E+05	2.4283823E+05	2.4281697E+05
1.444548E+03	2.4187558E+05	2.4111286E+05	2.4109634E+05	2.4107162E+05
1.449548E+03	2.4205977E+05	2.3914052E+05	2.3910675E+05	2.3908475E+05
1.454592E+03	2.3930330E+05	2.3563631E+05	2.3558838E+05	2.3555433E+05
1.459592E+03	2.3726302E+05	2.3387872E+05	2.3385158E+05	2.3382783E+05
1.464592E+03	2.3373975E+05	2.3223262E+05	2.3219930E+05	2.3217572E+05
1.469638E+03	2.3104312E+05	2.3105338E+05	2.3103767E+05	2.3101333E+05
1.474638E+03	2.2942028E+05	2.2942186E+05	2.2940675E+05	2.2938356E+05
1.479638E+03	2.2821322E+05	2.2696444E+05	2.2694884E+05	2.2692550E+05
1.484681E+03	2.2828036E+05	2.2567167E+05	2.2565383E+05	2.2563152E+05
1.489718E+03	2.2602588E+05	2.2515044E+05	2.2513533E+05	2.2511302E+05
1.494719E+03	2.2444678E+05	2.2422964E+05	2.2421408E+05	2.2418988E+05
1.499726E+03	2.2212411E+05	2.2208088E+05	2.2206562E+05	2.2204258E+05
1.504759E+03	2.2113773E+05	2.2050653E+05	2.2049152E+05	2.2046919E+05

1.509762E+03	2.2075680E+05	2.1942838E+05	2.1941300E+05	2.1939038E+05
1.514772E+03	2.1977497E+05	2.1843523E+05	2.1842153E+05	2.1840195E+05
1.519808E+03	2.1984228E+05	2.1851222E+05	2.1849766E+05	2.1847630E+05
1.524844E+03	2.1721320E+05	2.1703750E+05	2.1701594E+05	2.1699436E+05
1.529844E+03	2.1574034E+05	2.1527694E+05	2.1526123E+05	2.1523783E+05
1.534859E+03	2.1570089E+05	2.1426666E+05	2.1425192E+05	2.1423048E+05
1.539868E+03	2.1469547E+05	2.1409191E+05	2.1407594E+05	2.1405184E+05
1.544881E+03	2.1320477E+05	2.1297191E+05	2.1295297E+05	2.1293020E+05
1.549901E+03	2.1203047E+05	2.1112834E+05	2.1111347E+05	2.1109150E+05
1.554901E+03	2.1306600E+05	2.1208597E+05	2.1207200E+05	2.1205184E+05
1.559921E+03	2.1365056E+05	2.1318475E+05	2.1317155E+05	2.1315278E+05
1.564944E+03	2.1697186E+05	2.1405781E+05	2.1403191E+05	2.1400877E+05
1.569956E+03	2.1871712E+05	2.1493464E+05	2.1492441E+05	2.1490053E+05
1.574956E+03	2.1945964E+05	2.1872525E+05	2.1871023E+05	2.1868752E+05
1.579956E+03	2.2138098E+05	2.2081036E+05	2.2079577E+05	2.2077384E+05
1.584956E+03	2.2112039E+05	2.2106092E+05	2.2104578E+05	2.2102308E+05
1.589956E+03	2.2008703E+05	2.2001655E+05	2.2000141E+05	2.1997894E+05
1.594956E+03	2.2042480E+05	2.2033839E+05	2.2032319E+05	2.2030069E+05
1.599956E+03	2.2026709E+05	2.2018441E+05	2.2016930E+05	2.2014688E+05
1.604956E+03	2.1976327E+05	2.1971312E+05	2.1969820E+05	2.1967588E+05
1.609956E+03	2.1958850E+05	2.1954703E+05	2.1953188E+05	2.1950891E+05
1.614956E+03	2.1957058E+05	2.1953467E+05	2.1951953E+05	2.1949684E+05
1.619956E+03	2.1963111E+05	2.1959838E+05	2.1958328E+05	2.1956083E+05
1.624956E+03	2.1975116E+05	2.1972072E+05	2.1970623E+05	2.1968502E+05
1.629956E+03	2.1986909E+05	2.1973073E+05	2.1971544E+05	2.1969281E+05
1.634956E+03	2.2010816E+05	2.1993606E+05	2.1992091E+05	2.1989872E+05
1.639972E+03	2.2015742E+05	2.1993695E+05	2.1992178E+05	2.1989966E+05
1.644972E+03	2.2029411E+05	2.2010031E+05	2.2008519E+05	2.2006312E+05
1.649982E+03	2.2049359E+05	2.2030339E+05	2.2028839E+05	2.2026712E+05
1.654998E+03	2.2050627E+05	2.2047823E+05	2.2046250E+05	2.2043986E+05
1.660028E+03	2.2085558E+05	2.2065775E+05	2.2064241E+05	2.2062053E+05
1.665028E+03	2.2128812E+05	2.2104195E+05	2.2102719E+05	2.2100622E+05
1.670048E+03	2.2191623E+05	2.2159552E+05	2.2158048E+05	2.2155945E+05
1.675065E+03	2.2214989E+05	2.2208336E+05	2.2206780E+05	2.2204598E+05
1.680108E+03	2.2190952E+05	2.2188831E+05	2.2187523E+05	2.2185770E+05
1.685146E+03	2.2233070E+05	2.2230811E+05	2.2229284E+05	2.2227186E+05
1.690150E+03	2.2286014E+05	2.2254145E+05	2.2252706E+05	2.2250723E+05
1.695192E+03	2.2513467E+05	2.2382797E+05	2.2381236E+05	2.2379078E+05
1.700202E+03	2.2572503E+05	2.2479762E+05	2.2478205E+05	2.2476028E+05
1.705202E+03	2.2518448E+05	2.2515189E+05	2.2513694E+05	2.2511609E+05
1.710202E+03	2.2476803E+05	2.2463239E+05	2.2461738E+05	2.2459641E+05
1.715202E+03	2.2453205E+05	2.2450731E+05	2.2449356E+05	2.2447491E+05
1.720212E+03	2.2491145E+05	2.2469678E+05	2.2468231E+05	2.2466264E+05
1.725225E+03	2.2506188E+05	2.2465559E+05	2.2464177E+05	2.2462309E+05
1.730267E+03	2.2740878E+05	2.2671031E+05	2.2669497E+05	2.2667402E+05
1.735300E+03	2.3910945E+05	2.3456094E+05	2.3454786E+05	2.3452544E+05
1.740300E+03	2.3700672E+05	2.3572305E+05	2.3570795E+05	2.3568558E+05
1.745300E+03	2.3866625E+05	2.3712611E+05	2.3711088E+05	2.3708823E+05
1.750300E+03	2.3773750E+05	2.3668209E+05	2.3666688E+05	2.3664427E+05
1.755300E+03	2.3483175E+05	2.3478203E+05	2.3476545E+05	2.3474058E+05
1.760300E+03	2.3608341E+05	2.3543425E+05	2.3541791E+05	2.3539366E+05
1.765300E+03	2.3368406E+05	2.3360325E+05	2.3358703E+05	2.3356303E+05
1.770300E+03	2.3758386E+05	2.3620453E+05	2.3618828E+05	2.3616430E+05
1.775300E+03	2.4151998E+05	2.4020123E+05	2.4018503E+05	2.4016109E+05
1.780300E+03	2.3543466E+05	2.3541441E+05	2.3539725E+05	2.3537186E+05
1.785300E+03	2.3252769E+05	2.3247444E+05	2.3245906E+05	2.3243675E+05
1.790312E+03	2.3098695E+05	2.3095562E+05	2.3094033E+05	2.3091831E+05

1.795348E+03	2.3144884E+05	2.3142233E+05	2.3140645E+05	2.3138370E+05
1.800348E+03	2.3073383E+05	2.3071170E+05	2.3069586E+05	2.3067306E+05
1.805392E+03	2.3049797E+05	2.3046684E+05	2.3044995E+05	2.3042542E+05
1.810392E+03	2.3079598E+05	2.3077391E+05	2.3075841E+05	2.3073634E+05
1.815392E+03	2.3075036E+05	2.3072652E+05	2.3071086E+05	2.3068855E+05
1.820392E+03	2.3034877E+05	2.3032881E+05	2.3031267E+05	2.3028952E+05
1.825392E+03	2.3022330E+05	2.3020289E+05	2.3018723E+05	2.3016514E+05
1.830440E+03	2.3004728E+05	2.3002392E+05	2.3000844E+05	2.2998672E+05
1.835440E+03	2.2993998E+05	2.2989869E+05	2.2988364E+05	2.2986291E+05
1.840440E+03	2.2965605E+05	2.2957183E+05	2.2955577E+05	2.2953325E+05
1.845440E+03	2.2982528E+05	2.2950291E+05	2.2948714E+05	2.2946505E+05
1.850440E+03	2.2980820E+05	2.2945852E+05	2.2944292E+05	2.2942097E+05
1.855440E+03	2.2987039E+05	2.2950217E+05	2.2948680E+05	2.2946536E+05
1.860440E+03	2.2931953E+05	2.2930292E+05	2.2928795E+05	2.2926738E+05
1.865440E+03	2.2970255E+05	2.2959675E+05	2.2958258E+05	2.2956358E+05
1.870459E+03	2.3008627E+05	2.2960931E+05	2.2959455E+05	2.2957469E+05
1.875459E+03	2.2987880E+05	2.2961988E+05	2.2960423E+05	2.2958297E+05
1.880459E+03	2.3000452E+05	2.2955097E+05	2.2953552E+05	2.2951464E+05
1.885502E+03	2.2989838E+05	2.2958923E+05	2.2957350E+05	2.2955222E+05
1.890502E+03	2.2994420E+05	2.2975117E+05	2.2973623E+05	2.2971641E+05
1.895548E+03	2.3037028E+05	2.2999008E+05	2.2997500E+05	2.2995495E+05
1.900587E+03	2.3005019E+05	2.3003164E+05	2.3001598E+05	2.2999488E+05
1.905594E+03	2.3001567E+05	2.2999280E+05	2.2997517E+05	2.2995089E+05
1.910599E+03	2.3059475E+05	2.3036098E+05	2.3034688E+05	2.3032838E+05
1.915604E+03	2.3016250E+05	2.3013894E+05	2.3012864E+05	2.3011600E+05
1.920619E+03	2.3019023E+05	2.2996228E+05	2.2994489E+05	2.2992062E+05
1.925623E+03	2.3029505E+05	2.3007658E+05	2.3005981E+05	2.3003642E+05
1.930635E+03	2.3038530E+05	2.2979822E+05	2.2978234E+05	2.2976050E+05
1.935664E+03	2.3021856E+05	2.2989155E+05	2.2987448E+05	2.2985036E+05
1.940709E+03	2.3022756E+05	2.2995739E+05	2.2994345E+05	2.2992488E+05
1.945709E+03	2.3047941E+05	2.3011381E+05	2.3009870E+05	2.3007823E+05
1.950755E+03	2.3071225E+05	2.3013867E+05	2.3012228E+05	2.3009944E+05
1.955762E+03	2.3082086E+05	2.3014189E+05	2.3012723E+05	2.3010727E+05
1.960784E+03	2.3038794E+05	2.2984781E+05	2.2983333E+05	2.2981358E+05
1.965832E+03	2.3018452E+05	2.2985870E+05	2.2984456E+05	2.2982569E+05
1.970878E+03	2.3054125E+05	2.2994770E+05	2.2993256E+05	2.2991200E+05
1.975889E+03	2.3084442E+05	2.3008967E+05	2.3007528E+05	2.3005597E+05
1.980934E+03	2.3237009E+05	2.3117327E+05	2.3115783E+05	2.3113664E+05
1.985934E+03	2.5518302E+05	2.4533900E+05	2.4113123E+05	2.4110941E+05
1.990934E+03	2.4175972E+05	2.3915219E+05	2.3914769E+05	2.3912417E+05
1.995934E+03	2.3760167E+05	2.3755773E+05	2.3754194E+05	2.3751792E+05
2.000034E+03	2.3765138E+05	2.3692020E+05	2.3690455E+05	2.3688130E+05

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ENCLOSURE 27

Transient output data (2000s) of temperature (TSAT) for FWL (base case), ASCII file "FWL-8D_1SRV-2000s_RPV-DW-WW_TSAT.GRA"

TIME (sec)	TSAT992104	TSAT992004	TSAT991904	TSAT991804	TSAT991704	TSAT991604	TSAT991504
1.000000E-10	5.6054175E+02	5.6050281E+02	5.6050879E+02	5.6054340E+02	5.6061365E+02	5.6071259E+02	5.6082306E+02
1.003469E-01	5.6047278E+02	5.6043286E+02	5.6043805E+02	5.6047168E+02	5.6052832E+02	5.6060632E+02	5.6071106E+02
2.016405E-01	5.6045062E+02	5.6041162E+02	5.6041803E+02	5.6045251E+02	5.6052026E+02	5.6061499E+02	5.6073077E+02
3.143499E-01	5.6040161E+02	5.6036267E+02	5.6036908E+02	5.6040363E+02	5.6046924E+02	5.6056256E+02	5.6067810E+02
4.176774E-01	5.6035046E+02	5.6031171E+02	5.6031805E+02	5.6035297E+02	5.6041620E+02	5.6050861E+02	5.6062549E+02
5.179474E-01	5.6030542E+02	5.6026678E+02	5.6027325E+02	5.6030853E+02	5.6037067E+02	5.6046411E+02	5.6058038E+02
6.236274E-01	5.6025531E+02	5.6021698E+02	5.6022357E+02	5.6025916E+02	5.6031836E+02	5.6040955E+02	5.6052594E+02
7.657229E-01	5.6017780E+02	5.6013971E+02	5.6014630E+02	5.6018243E+02	5.6023987E+02	5.6033185E+02	5.6044873E+02
8.878756E-01	5.6011060E+02	5.6007300E+02	5.6007965E+02	5.6011639E+02	5.6017078E+02	5.6026215E+02	5.6037897E+02
9.933645E-01	5.6005328E+02	5.6001624E+02	5.6002301E+02	5.6006055E+02	5.6011267E+02	5.6020441E+02	5.6032062E+02
1.524044E+00	5.5978564E+02	5.5975140E+02	5.5976099E+02	5.5976624E+02	5.5982904E+02	5.5992230E+02	5.6003827E+02
2.030162E+00	5.5952789E+02	5.5949927E+02	5.5950885E+02	5.5951562E+02	5.5957123E+02	5.5965149E+02	5.5977289E+02
2.550346E+00	5.5917676E+02	5.5915222E+02	5.5915918E+02	5.5918970E+02	5.5922247E+02	5.5929993E+02	5.5942517E+02
3.062366E+00	5.5883838E+02	5.5881799E+02	5.5882611E+02	5.5885498E+02	5.5887970E+02	5.5894769E+02	5.5906702E+02
3.562366E+00	5.5817438E+02	5.5815625E+02	5.5816510E+02	5.5818970E+02	5.5821179E+02	5.5827808E+02	5.5839764E+02
4.082775E+00	5.5733575E+02	5.5732153E+02	5.5733301E+02	5.5735291E+02	5.5737207E+02	5.5743445E+02	5.5755487E+02
4.604100E+00	5.5657410E+02	5.5656439E+02	5.5657349E+02	5.5659033E+02	5.5660718E+02	5.5665906E+02	5.5678021E+02
5.125216E+00	5.5586639E+02	5.5585956E+02	5.5586774E+02	5.5588324E+02	5.5589917E+02	5.5593939E+02	5.5606140E+02
5.625216E+00	5.5523657E+02	5.5523334E+02	5.5524054E+02	5.5525385E+02	5.5526813E+02	5.5529919E+02	5.5542139E+02
6.125216E+00	5.5466736E+02	5.5466742E+02	5.5467371E+02	5.5468420E+02	5.5469629E+02	5.5471857E+02	5.5484149E+02
6.625216E+00	5.5414459E+02	5.5414752E+02	5.5415344E+02	5.5416052E+02	5.5417126E+02	5.5418372E+02	5.5430426E+02
7.125216E+00	5.5369458E+02	5.5370038E+02	5.5370599E+02	5.5371136E+02	5.5371893E+02	5.5373285E+02	5.5383618E+02
7.625216E+00	5.5333002E+02	5.5333539E+02	5.5334045E+02	5.5334406E+02	5.5335571E+02	5.5336487E+02	5.5345306E+02
8.125216E+00	5.5302069E+02	5.5302911E+02	5.5303503E+02	5.5303925E+02	5.5304376E+02	5.5305170E+02	5.5312006E+02
8.625216E+00	5.5284216E+02	5.5285266E+02	5.5285791E+02	5.5286182E+02	5.5286560E+02	5.5287476E+02	5.5291827E+02
9.146049E+00	5.5295984E+02	5.5297021E+02	5.5297510E+02	5.5297894E+02	5.5298273E+02	5.5299652E+02	5.5301727E+02
9.646049E+00	5.5317938E+02	5.5318866E+02	5.5319348E+02	5.5319745E+02	5.5320117E+02	5.5321411E+02	5.5324048E+02

1.014605E+01 5.5330621E+02 5.5331506E+02 5.5332050E+02 5.5332458E+02
5.5332849E+02 5.5334045E+02 5.5336914E+02
1.064605E+01 5.5329352E+02 5.5330164E+02 5.5330725E+02 5.5331116E+02
5.5331494E+02 5.5332513E+02 5.5335101E+02
1.114605E+01 5.5315302E+02 5.5316248E+02 5.5316791E+02 5.5317169E+02
5.5317529E+02 5.5317981E+02 5.5320447E+02
1.164605E+01 5.5303821E+02 5.5304828E+02 5.5305243E+02 5.5305579E+02
5.5305908E+02 5.5306238E+02 5.5308722E+02
1.214605E+01 5.5283484E+02 5.5284460E+02 5.5284857E+02 5.5285217E+02
5.5285559E+02 5.5285974E+02 5.5289215E+02
1.264605E+01 5.5253351E+02 5.5254327E+02 5.5254712E+02 5.5255090E+02
5.5255457E+02 5.5255988E+02 5.5259485E+02
1.314605E+01 5.5226343E+02 5.5227240E+02 5.5227777E+02 5.5228210E+02
5.5228625E+02 5.5229089E+02 5.5231445E+02
1.364605E+01 5.5170923E+02 5.5171393E+02 5.5171857E+02 5.5172162E+02
5.5172449E+02 5.5175665E+02 5.5177802E+02
1.414605E+01 5.5116547E+02 5.5117358E+02 5.5117975E+02 5.5118372E+02
5.5118750E+02 5.5119165E+02 5.5120972E+02
1.464605E+01 5.5051593E+02 5.5052350E+02 5.5052954E+02 5.5053326E+02
5.5053693E+02 5.5054028E+02 5.5055682E+02
1.514605E+01 5.4981464E+02 5.4982294E+02 5.4982886E+02 5.4983264E+02
5.4983636E+02 5.4984033E+02 5.4985852E+02
1.564605E+01 5.4913940E+02 5.4914569E+02 5.4915094E+02 5.4915430E+02
5.4915778E+02 5.4916785E+02 5.4918225E+02
1.614605E+01 5.4848108E+02 5.4848901E+02 5.4849481E+02 5.4849866E+02
5.4850244E+02 5.4850891E+02 5.4852191E+02
1.664605E+01 5.4783264E+02 5.4784039E+02 5.4784631E+02 5.4785022E+02
5.4785413E+02 5.4786035E+02 5.4787207E+02
1.714605E+01 5.4718121E+02 5.4718903E+02 5.4719495E+02 5.4719891E+02
5.4720282E+02 5.4720898E+02 5.4721973E+02
1.764605E+01 5.4654919E+02 5.4655707E+02 5.4656287E+02 5.4656677E+02
5.4657056E+02 5.4657660E+02 5.4658667E+02
1.814605E+01 5.4600366E+02 5.4601263E+02 5.4601813E+02 5.4602173E+02
5.4602533E+02 5.4603143E+02 5.4604083E+02
1.864605E+01 5.4538330E+02 5.4538947E+02 5.4539447E+02 5.4539783E+02
5.4540118E+02 5.4540594E+02 5.4540894E+02
1.914605E+01 5.4484564E+02 5.4485370E+02 5.4485980E+02 5.4486377E+02
5.4486780E+02 5.4487555E+02 5.4488580E+02
1.964605E+01 5.4437488E+02 5.4438379E+02 5.4438965E+02 5.4439349E+02
5.4439728E+02 5.4440540E+02 5.4441656E+02
2.014605E+01 5.4391156E+02 5.4391992E+02 5.4392603E+02 5.4393005E+02
5.4393402E+02 5.4394269E+02 5.4395496E+02
2.064605E+01 5.4350421E+02 5.4351331E+02 5.4351923E+02 5.4352313E+02
5.4352722E+02 5.4353638E+02 5.4354999E+02
2.114605E+01 5.4313861E+02 5.4314752E+02 5.4315356E+02 5.4315759E+02
5.4316193E+02 5.4317169E+02 5.4318634E+02
2.164605E+01 5.4280408E+02 5.4281421E+02 5.4281982E+02 5.4282349E+02
5.4282770E+02 5.4283783E+02 5.4285333E+02
2.214605E+01 5.4251929E+02 5.4252850E+02 5.4253424E+02 5.4253815E+02
5.4254272E+02 5.4255316E+02 5.4256384E+02
2.266648E+01 5.4223218E+02 5.4224146E+02 5.4224719E+02 5.4225098E+02
5.4225580E+02 5.4226593E+02 5.4228064E+02
2.318409E+01 5.4195459E+02 5.4196393E+02 5.4196960E+02 5.4197351E+02
5.4197833E+02 5.4198822E+02 5.4200232E+02
2.368409E+01 5.4169629E+02 5.4170557E+02 5.4171118E+02 5.4171497E+02
5.4171985E+02 5.4172943E+02 5.4174347E+02

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5.4142340E+02 5.4143341E+02 5.4145032E+02
2.468420E+01 5.4110492E+02 5.4111328E+02 5.4111908E+02 5.4112292E+02
5.4112805E+02 5.4113922E+02 5.4115686E+02
2.518866E+01 5.4078693E+02 5.4079535E+02 5.4080103E+02 5.4080487E+02
5.4081000E+02 5.4082129E+02 5.4083875E+02
2.570592E+01 5.4046014E+02 5.4046857E+02 5.4047437E+02 5.4047827E+02
5.4048352E+02 5.4049445E+02 5.4050916E+02
2.622136E+01 5.4012769E+02 5.4013647E+02 5.4014246E+02 5.4014642E+02
5.4015186E+02 5.4016229E+02 5.4017712E+02
2.673972E+01 5.3982483E+02 5.3983398E+02 5.3984009E+02 5.3984418E+02
5.3984973E+02 5.3985956E+02 5.3987793E+02
2.724740E+01 5.3953308E+02 5.3954230E+02 5.3954852E+02 5.3955249E+02
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5.0027579E+02	5.0029559E+02	5.0033820E+02		
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4.9989609E+02	4.9991284E+02	4.9995798E+02		
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4.9877600E+02	4.9879279E+02	4.9884448E+02		
8.430791E+01	4.9838141E+02	4.9838263E+02	4.9838785E+02	4.9839059E+02
4.9839905E+02	4.9841592E+02	4.9847009E+02		
8.483009E+01	4.9799200E+02	4.9799380E+02	4.9799976E+02	4.9800311E+02
4.9801212E+02	4.9801807E+02	4.9807724E+02		
8.533189E+01	4.9762033E+02	4.9762115E+02	4.9762622E+02	4.9762894E+02
4.9763696E+02	4.9765460E+02	4.9771082E+02		
8.583189E+01	4.9724988E+02	4.9725073E+02	4.9725580E+02	4.9725858E+02
4.9726666E+02	4.9728342E+02	4.9734061E+02		
8.634407E+01	4.9687433E+02	4.9687482E+02	4.9687967E+02	4.9688223E+02
4.9689020E+02	4.9691330E+02	4.9696802E+02		
8.686680E+01	4.9649585E+02	4.9649747E+02	4.9650333E+02	4.9650665E+02
4.9651562E+02	4.9652136E+02	4.9657895E+02		
8.738983E+01	4.9610416E+02	4.9610626E+02	4.9611267E+02	4.9611636E+02
4.9612592E+02	4.9613501E+02	4.9619342E+02		
8.789572E+01	4.9572610E+02	4.9572562E+02	4.9572955E+02	4.9573145E+02
4.9573853E+02	4.9576990E+02	4.9581583E+02		
8.841684E+01	4.9529630E+02	4.9528589E+02	4.9528497E+02	4.9528308E+02
4.9528784E+02	4.9559216E+02	4.9565033E+02		
8.892328E+01	4.9496957E+02	4.9496564E+02	4.9497327E+02	4.9497769E+02
4.9498685E+02	4.9499448E+02	4.9504712E+02		
8.943372E+01	4.9463269E+02	4.9463220E+02	4.9463861E+02	4.9464221E+02
4.9465134E+02	4.9465686E+02	4.9469965E+02		
8.995622E+01	4.9424725E+02	4.9424826E+02	4.9425409E+02	4.9425732E+02
4.9426584E+02	4.9428055E+02	4.9432599E+02		
9.045622E+01	4.9388528E+02	4.9388611E+02	4.9389154E+02	4.9389453E+02
4.9390314E+02	4.9391702E+02	4.9396298E+02		
9.096755E+01	4.9352130E+02	4.9352350E+02	4.9352994E+02	4.9353366E+02
4.9354340E+02	4.9355173E+02	4.9360184E+02		
9.146755E+01	4.9318140E+02	4.9318259E+02	4.9318835E+02	4.9319156E+02
4.9320071E+02	4.9320605E+02	4.9325119E+02		
9.196755E+01	4.9284055E+02	4.9284213E+02	4.9284821E+02	4.9285168E+02
4.9286118E+02	4.9286844E+02	4.9291422E+02		
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4.9250287E+02	4.9251877E+02	4.9255817E+02		
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4.9216312E+02	4.9216815E+02	4.9220789E+02		
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4.9180441E+02	4.9181119E+02	4.9184567E+02		
9.401919E+01	4.9140610E+02	4.9140808E+02	4.9141452E+02	4.9141824E+02
4.9142804E+02	4.9143750E+02	4.9151071E+02		
9.453943E+01	4.9103778E+02	4.9103958E+02	4.9104584E+02	4.9104944E+02
4.9105911E+02	4.9106744E+02	4.9111960E+02		

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4.0797778E+02 4.0798694E+02 4.0804483E+02
5.416345E+02 4.0800870E+02 4.0801605E+02 4.0802432E+02 4.0802658E+02
4.0803030E+02 4.0803860E+02 4.0810153E+02
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4.0791113E+02 4.0791986E+02 4.0797794E+02
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4.0781982E+02 4.0782867E+02 4.0788785E+02
5.566583E+02 4.0787384E+02 4.0788083E+02 4.0788745E+02 4.0788855E+02
4.0789099E+02 4.0789554E+02 4.0795865E+02
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4.0769910E+02 4.0770844E+02 4.0775958E+02
5.717148E+02 4.0763647E+02 4.0764432E+02 4.0765280E+02 4.0765506E+02
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5.918351E+02 4.0821487E+02 4.0822223E+02 4.0823059E+02 4.0823282E+02
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4.0610745E+02 4.0611502E+02 4.0629828E+02

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7.625316E+02	4.0574719E+02	4.0575668E+02	4.0576669E+02	4.0576892E+02
4.0577170E+02	4.0577966E+02	4.0628421E+02		
7.675541E+02	4.0587997E+02	4.0589038E+02	4.0589944E+02	4.0590170E+02
4.0590436E+02	4.0591263E+02	4.0639441E+02		
7.725990E+02	4.0620215E+02	4.0621350E+02	4.0622296E+02	4.0622519E+02
4.0622787E+02	4.0624164E+02	4.0683344E+02		
7.776382E+02	4.0632864E+02	4.0633939E+02	4.0635013E+02	4.0635236E+02
4.0635535E+02	4.0637015E+02	4.0714178E+02		
7.826681E+02	4.0637863E+02	4.0638980E+02	4.0640005E+02	4.0640231E+02
4.0640521E+02	4.0641617E+02	4.0719034E+02		
7.876682E+02	4.0577368E+02	4.0578546E+02	4.0579544E+02	4.0579782E+02
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4.0562506E+02	4.0565216E+02	4.0657443E+02		
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4.0551389E+02	4.0563849E+02	4.0134903E+02		
8.479440E+02	4.0595041E+02	4.0596616E+02	4.0597391E+02	4.0597617E+02
4.0598190E+02	4.0651752E+02	4.0398932E+02		
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4.0551831E+02	4.0580887E+02	4.0756744E+02		
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4.0536145E+02	4.0575479E+02	4.0752045E+02		
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4.0527783E+02	4.0574231E+02	4.0737561E+02		
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4.0490295E+02	4.0563812E+02	4.0721442E+02		

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1.128988E+03 4.0498502E+02 4.0499527E+02 4.0500684E+02 4.0523135E+02
4.0579648E+02 4.0690198E+02 4.0831375E+02
1.133988E+03 4.0480487E+02 4.0481494E+02 4.0482657E+02 4.0518790E+02
4.0573660E+02 4.0679150E+02 4.0820264E+02
1.138988E+03 4.0482465E+02 4.0483325E+02 4.0484598E+02 4.0509586E+02
4.0565857E+02 4.0683826E+02 4.0833173E+02
1.143988E+03 4.0484436E+02 4.0485107E+02 4.0486298E+02 4.0499753E+02
4.0556171E+02 4.0675308E+02 4.0825238E+02
1.149029E+03 4.0465125E+02 4.0465753E+02 4.0466925E+02 4.0492178E+02
4.0546472E+02 4.0661948E+02 4.0812811E+02
1.154029E+03 4.0474826E+02 4.0475528E+02 4.0476849E+02 4.0499521E+02
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1.174073E+03 4.0453882E+02 4.0454517E+02 4.0455685E+02 4.0484201E+02
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1.199231E+03 4.0424612E+02 4.0425565E+02 4.0427036E+02 4.0466031E+02
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3.9697940E+02 3.9674371E+02 3.9553488E+02
1.725225E+03 3.9676071E+02 3.9666550E+02 3.9692078E+02 3.9692709E+02
3.9699658E+02 3.9672226E+02 3.9509576E+02
1.730267E+03 3.9708707E+02 3.9703162E+02 3.9721252E+02 3.9722040E+02
3.9731903E+02 3.9657144E+02 3.9482727E+02
1.735300E+03 3.9822833E+02 3.9822464E+02 3.9830124E+02 3.9831534E+02
3.9725192E+02 3.9690332E+02 3.9631290E+02

1.740300E+03	3.9846048E+02	3.9844922E+02	3.9843652E+02	3.9846774E+02
3.9866513E+02	3.9739087E+02	3.9719952E+02		
1.745300E+03	3.9870255E+02	3.9869556E+02	3.9864929E+02	3.9867181E+02
3.9894366E+02	3.9769220E+02	3.9747491E+02		
1.750300E+03	3.9866245E+02	3.9865955E+02	3.9860754E+02	3.9862732E+02
3.9883215E+02	3.9807776E+02	3.9784827E+02		
1.755300E+03	3.9840561E+02	3.9840472E+02	3.9838275E+02	3.9839676E+02
3.9843820E+02	3.9838168E+02	3.9819122E+02		
1.760300E+03	3.9849969E+02	3.9850241E+02	3.9850449E+02	3.9851062E+02
3.9861014E+02	3.9859720E+02	3.9837796E+02		
1.765300E+03	3.9824829E+02	3.9825497E+02	3.9826379E+02	3.9826703E+02
3.9828064E+02	3.9872101E+02	3.9857574E+02		
1.770300E+03	3.9860880E+02	3.9861493E+02	3.9862402E+02	3.9862631E+02
3.9881519E+02	3.9878751E+02	3.9864413E+02		
1.775300E+03	3.9914816E+02	3.9915341E+02	3.9916858E+02	3.9917075E+02
3.9934784E+02	3.9897165E+02	3.9889899E+02		
1.780300E+03	3.9849225E+02	3.9850299E+02	3.9851654E+02	3.9851913E+02
3.9852237E+02	3.9990854E+02	3.9903702E+02		
1.785300E+03	3.9808847E+02	3.9810059E+02	3.9810870E+02	3.9811093E+02
3.9811981E+02	3.9908765E+02	3.9902847E+02		
1.790312E+03	3.9787573E+02	3.9787091E+02	3.9789807E+02	3.9790067E+02
3.9790665E+02	3.9904684E+02	3.9899881E+02		
1.795348E+03	3.9793698E+02	3.9794330E+02	3.9796359E+02	3.9796619E+02
3.9797006E+02	3.9895996E+02	3.9901825E+02		
1.800348E+03	3.9783429E+02	3.9784286E+02	3.9786453E+02	3.9786661E+02
3.9786743E+02	3.9894852E+02	3.9900079E+02		
1.805392E+03	3.9779779E+02	3.9778903E+02	3.9782974E+02	3.9783194E+02
3.9783582E+02	3.9887509E+02	3.9896011E+02		
1.810392E+03	3.9784164E+02	3.9784586E+02	3.9787277E+02	3.9787494E+02
3.9787891E+02	3.9888718E+02	3.9898694E+02		
1.815392E+03	3.9783282E+02	3.9784122E+02	3.9786624E+02	3.9786856E+02
3.9787305E+02	3.9884280E+02	3.9893436E+02		
1.820392E+03	3.9777417E+02	3.9765680E+02	3.9781073E+02	3.9781326E+02
3.9781726E+02	3.9881775E+02	3.9893231E+02		
1.825392E+03	3.9775757E+02	3.9771756E+02	3.9779349E+02	3.9779596E+02
3.9779984E+02	3.9877353E+02	3.9894485E+02		
1.830440E+03	3.9773318E+02	3.9768594E+02	3.9776865E+02	3.9777106E+02
3.9777512E+02	3.9873468E+02	3.9891400E+02		
1.835440E+03	3.9771686E+02	3.9766647E+02	3.9775134E+02	3.9775363E+02
3.9775992E+02	3.9873010E+02	3.9889355E+02		
1.840440E+03	3.9766962E+02	3.9744485E+02	3.9770544E+02	3.9770782E+02
3.9771948E+02	3.9869794E+02	3.9887402E+02		
1.845440E+03	3.9765826E+02	3.9711215E+02	3.9769583E+02	3.9769809E+02
3.9774191E+02	3.9870331E+02	3.9883313E+02		
1.850440E+03	3.9765097E+02	3.9685791E+02	3.9768332E+02	3.9769171E+02
3.9773447E+02	3.9869547E+02	3.9878955E+02		
1.855440E+03	3.9765768E+02	3.9688733E+02	3.9766043E+02	3.9769736E+02
3.9773904E+02	3.9870441E+02	3.9868781E+02		
1.860440E+03	3.9762555E+02	3.9699225E+02	3.9760229E+02	3.9766852E+02
3.9766284E+02	3.9871463E+02	3.9868225E+02		
1.865440E+03	3.9767029E+02	3.9721570E+02	3.9764905E+02	3.9770926E+02
3.9771619E+02	3.9872049E+02	3.9857544E+02		
1.870459E+03	3.9766910E+02	3.9727759E+02	3.9766495E+02	3.9771048E+02
3.9777008E+02	3.9868314E+02	3.9833041E+02		
1.875459E+03	3.9766876E+02	3.9734384E+02	3.9767038E+02	3.9771155E+02
3.9774353E+02	3.9868460E+02	3.9827707E+02		

1.880459E+03	3.9765759E+02	3.9737680E+02	3.9767075E+02	3.9770157E+02
3.9776215E+02	3.9863321E+02	3.9798138E+02		
1.885502E+03	3.9766202E+02	3.9742584E+02	3.9768222E+02	3.9770679E+02
3.9774805E+02	3.9859540E+02	3.9778458E+02		
1.890502E+03	3.9768686E+02	3.9748904E+02	3.9771140E+02	3.9772931E+02
3.9775455E+02	3.9855835E+02	3.9763287E+02		
1.895548E+03	3.9772220E+02	3.9758051E+02	3.9775076E+02	3.9776254E+02
3.9781332E+02	3.9847638E+02	3.9730746E+02		
1.900587E+03	3.9772531E+02	3.9766379E+02	3.9775885E+02	3.9776804E+02
3.9776727E+02	3.9843729E+02	3.9741382E+02		
1.905594E+03	3.9771375E+02	3.9766870E+02	3.9775610E+02	3.9776175E+02
3.9776010E+02	3.9834918E+02	3.9708502E+02		
1.910599E+03	3.9776819E+02	3.9773517E+02	3.9780798E+02	3.9781235E+02
3.9784003E+02	3.9802792E+02	3.9602365E+02		
1.915604E+03	3.9773584E+02	3.9768100E+02	3.9777631E+02	3.9778046E+02
3.9777966E+02	3.9798846E+02	3.9577823E+02		
1.920619E+03	3.9768488E+02	3.9754346E+02	3.9774539E+02	3.9775488E+02
3.9778259E+02	3.9769177E+02	3.9475583E+02		
1.925623E+03	3.9766614E+02	3.9741266E+02	3.9776343E+02	3.9776993E+02
3.9779562E+02	3.9752090E+02	3.9441306E+02		
1.930635E+03	3.9761337E+02	3.9736038E+02	3.9772531E+02	3.9772958E+02
3.9780484E+02	3.9722006E+02	3.9337128E+02		
1.935664E+03	3.9758810E+02	3.9718433E+02	3.9772797E+02	3.9774084E+02
3.9777313E+02	3.9734436E+02	3.9314542E+02		
1.940709E+03	3.9757498E+02	3.9722729E+02	3.9773846E+02	3.9774628E+02
3.9776035E+02	3.9714148E+02	3.9196512E+02		
1.945709E+03	3.9759958E+02	3.9731601E+02	3.9775769E+02	3.9776245E+02
3.9777829E+02	3.9687549E+02	3.9108127E+02		
1.950755E+03	3.9753156E+02	3.9710364E+02	3.9775528E+02	3.9775696E+02
3.9779056E+02	3.9629272E+02	3.9009601E+02		
1.955762E+03	3.9751825E+02	3.9712253E+02	3.9774130E+02	3.9774814E+02
3.9778790E+02	3.9657031E+02	3.8944260E+02		
1.960784E+03	3.9741473E+02	3.9691705E+02	3.9767850E+02	3.9769791E+02
3.9772156E+02	3.9663217E+02	3.8855460E+02		
1.965832E+03	3.9743747E+02	3.9706595E+02	3.9764944E+02	3.9769260E+02
3.9768750E+02	3.9639703E+02	3.8738812E+02		
1.970878E+03	3.9744733E+02	3.9714963E+02	3.9762097E+02	3.9769730E+02
3.9772928E+02	3.9536060E+02	3.8611166E+02		
1.975889E+03	3.9746976E+02	3.9708908E+02	3.9761304E+02	3.9771057E+02
3.9776331E+02	3.9598895E+02	3.8488226E+02		
1.980934E+03	3.9761713E+02	3.9722769E+02	3.9774332E+02	3.9785336E+02
3.9796463E+02	3.9450366E+02	3.8326743E+02		
1.985934E+03	3.9910834E+02	3.9906970E+02	3.9920670E+02	3.9976614E+02
3.9488467E+02	3.9009842E+02	3.8114035E+02		
1.990934E+03	3.9889905E+02	3.9888739E+02	3.9887622E+02	3.9889618E+02
3.9667645E+02	3.9728662E+02	3.9657224E+02		
1.995934E+03	3.9873242E+02	3.9871826E+02	3.9868063E+02	3.9870081E+02
3.9878699E+02	3.9790869E+02	3.9749008E+02		
2.000034E+03	3.9866733E+02	3.9865729E+02	3.9864148E+02	3.9865955E+02
3.9880750E+02	3.9813608E+02	3.9768539E+02		

TIME (sec)	TSAT991404	TSAT991304	TSAT991204	TSAT991104
TSAT991004	TSAT990904	TSAT990804		
1.000000E-10	5.6089728E+02	5.6096838E+02	5.6103931E+02	5.6111023E+02
5.6118103E+02	5.6125195E+02	5.6132263E+02		
1.003469E-01	5.6078326E+02	5.6085254E+02	5.6092236E+02	5.6099292E+02
5.6106409E+02	5.6113599E+02	5.6120911E+02		

2.016405E-01	5.6080621E+02	5.6087781E+02	5.6094928E+02	5.6102063E+02
5.6109186E+02	5.6116302E+02	5.6123401E+02		
3.143499E-01	5.6075336E+02	5.6082489E+02	5.6089636E+02	5.6096777E+02
5.6103912E+02	5.6111035E+02	5.6118158E+02		
4.176774E-01	5.6070111E+02	5.6077301E+02	5.6084485E+02	5.6091669E+02
5.6098834E+02	5.6106006E+02	5.6113171E+02		
5.179474E-01	5.6065570E+02	5.6072729E+02	5.6079889E+02	5.6087048E+02
5.6094196E+02	5.6101337E+02	5.6108466E+02		
6.236274E-01	5.6060138E+02	5.6067303E+02	5.6074469E+02	5.6081628E+02
5.6088788E+02	5.6095935E+02	5.6103082E+02		
7.657229E-01	5.6052423E+02	5.6059601E+02	5.6066779E+02	5.6073950E+02
5.6081122E+02	5.6088281E+02	5.6095435E+02		
8.878756E-01	5.6045435E+02	5.6052618E+02	5.6059796E+02	5.6066968E+02
5.6074133E+02	5.6081293E+02	5.6088458E+02		
9.933645E-01	5.6039594E+02	5.6046753E+02	5.6053912E+02	5.6061066E+02
5.6068219E+02	5.6075372E+02	5.6082513E+02		
1.524044E+00	5.6011371E+02	5.6018555E+02	5.6025732E+02	5.6032922E+02
5.6040106E+02	5.6047284E+02	5.6054462E+02		
2.030162E+00	5.5984839E+02	5.5992035E+02	5.5999249E+02	5.6006470E+02
5.6013690E+02	5.6020911E+02	5.6028119E+02		
2.550346E+00	5.5949860E+02	5.5956897E+02	5.5963971E+02	5.5971027E+02
5.5978088E+02	5.5985156E+02	5.5992212E+02		
3.062366E+00	5.5914032E+02	5.5921130E+02	5.5928271E+02	5.5935413E+02
5.5942566E+02	5.5949701E+02	5.5956836E+02		
3.562366E+00	5.5847156E+02	5.5854218E+02	5.5861383E+02	5.5868573E+02
5.5875781E+02	5.5882971E+02	5.5890149E+02		
4.082775E+00	5.5762939E+02	5.5770026E+02	5.5777228E+02	5.5784479E+02
5.5791748E+02	5.5799011E+02	5.5806250E+02		
4.604100E+00	5.5685553E+02	5.5692706E+02	5.5699957E+02	5.5707257E+02
5.5714600E+02	5.5721948E+02	5.5729248E+02		
5.125216E+00	5.5613733E+02	5.5620984E+02	5.5628290E+02	5.5635657E+02
5.5643060E+02	5.5650494E+02	5.5657867E+02		
5.625216E+00	5.5549774E+02	5.5557050E+02	5.5564410E+02	5.5571802E+02
5.5579260E+02	5.5586731E+02	5.5594153E+02		
6.125216E+00	5.5491827E+02	5.5499133E+02	5.5506537E+02	5.5513995E+02
5.5521503E+02	5.5529034E+02	5.5536523E+02		
6.625216E+00	5.5438116E+02	5.5445422E+02	5.5452838E+02	5.5460400E+02
5.5467975E+02	5.5475574E+02	5.5483124E+02		
7.125216E+00	5.5391284E+02	5.5398553E+02	5.5405963E+02	5.5413593E+02
5.5421204E+02	5.5428839E+02	5.5436432E+02		
7.625216E+00	5.5352972E+02	5.5360236E+02	5.5367670E+02	5.5375385E+02
5.5383075E+02	5.5390771E+02	5.5398425E+02		
8.125216E+00	5.5319641E+02	5.5326874E+02	5.5334320E+02	5.5342084E+02
5.5349817E+02	5.5357550E+02	5.5365247E+02		
8.625216E+00	5.5299420E+02	5.5306616E+02	5.5314069E+02	5.5321863E+02
5.5329620E+02	5.5337354E+02	5.5345062E+02		
9.146049E+00	5.5308264E+02	5.5315466E+02	5.5322955E+02	5.5330774E+02
5.5338531E+02	5.5346301E+02	5.5354041E+02		
9.646049E+00	5.5325958E+02	5.5333325E+02	5.5340948E+02	5.5348822E+02
5.5356567E+02	5.5364587E+02	5.5372485E+02		
1.014605E+01	5.5338293E+02	5.5341827E+02	5.5349841E+02	5.5356104E+02
5.5364868E+02	5.5373364E+02	5.5381439E+02		
1.064605E+01	5.5336279E+02	5.5337451E+02	5.5341583E+02	5.5349005E+02
5.5357831E+02	5.5366687E+02	5.5375153E+02		
1.114605E+01	5.5321509E+02	5.5322675E+02	5.5325421E+02	5.5331763E+02
5.5339307E+02	5.5348865E+02	5.5356360E+02		

1.164605E+01 5.5309595E+02 5.5310547E+02 5.5311493E+02 5.5317212E+02
5.5324481E+02 5.5333679E+02 5.5340906E+02
1.214605E+01 5.5290125E+02 5.5291077E+02 5.5292194E+02 5.5296649E+02
5.5303296E+02 5.5311493E+02 5.5318811E+02
1.264605E+01 5.5260358E+02 5.5261188E+02 5.5262402E+02 5.5264777E+02
5.5272321E+02 5.5280566E+02 5.5287305E+02
1.314605E+01 5.5232214E+02 5.5233002E+02 5.5233771E+02 5.5236963E+02
5.5242719E+02 5.5250482E+02 5.5258276E+02
1.364605E+01 5.5178479E+02 5.5179199E+02 5.5179907E+02 5.5179547E+02
5.5185339E+02 5.5192798E+02 5.5200861E+02
1.414605E+01 5.5121637E+02 5.5122314E+02 5.5123163E+02 5.5124261E+02
5.5129742E+02 5.5137146E+02 5.5143988E+02
1.464605E+01 5.5056311E+02 5.5056934E+02 5.5057825E+02 5.5059387E+02
5.5063251E+02 5.5065729E+02 5.5019012E+02
1.514605E+01 5.4986530E+02 5.4987189E+02 5.4988257E+02 5.4989996E+02
5.4993188E+02 5.4990289E+02 5.4932257E+02
1.564605E+01 5.4918872E+02 5.4919519E+02 5.4920764E+02 5.4922809E+02
5.4925610E+02 5.4925330E+02 5.4856250E+02
1.614605E+01 5.4852808E+02 5.4853424E+02 5.4854773E+02 5.4857019E+02
5.4859613E+02 5.4859937E+02 5.4786133E+02
1.664605E+01 5.4787781E+02 5.4788348E+02 5.4789752E+02 5.4792139E+02
5.4794745E+02 5.4796265E+02 5.4719556E+02
1.714605E+01 5.4722516E+02 5.4723047E+02 5.4724487E+02 5.4727020E+02
5.4729968E+02 5.4732343E+02 5.4653870E+02
1.764605E+01 5.4659167E+02 5.4659668E+02 5.4661047E+02 5.4663953E+02
5.4668542E+02 5.4673926E+02 5.4677600E+02
1.814605E+01 5.4604547E+02 5.4605023E+02 5.4605951E+02 5.4608954E+02
5.4613934E+02 5.4617590E+02 5.4608539E+02
1.864605E+01 5.4541125E+02 5.4541357E+02 5.4541449E+02 5.4543286E+02
5.4549414E+02 5.4555420E+02 5.4561322E+02
1.914605E+01 5.4489062E+02 5.4489526E+02 5.4490100E+02 5.4491632E+02
5.4499591E+02 5.4507172E+02 5.4502484E+02
1.964605E+01 5.4442126E+02 5.4442584E+02 5.4443085E+02 5.4444458E+02
5.4452576E+02 5.4459283E+02 5.4456366E+02
2.014605E+01 5.4395996E+02 5.4396460E+02 5.4396942E+02 5.4397864E+02
5.4406354E+02 5.4413434E+02 5.4414600E+02
2.064605E+01 5.4355518E+02 5.4356006E+02 5.4356494E+02 5.4356915E+02
5.4363623E+02 5.4372235E+02 5.4376599E+02
2.114605E+01 5.4319177E+02 5.4319690E+02 5.4320197E+02 5.4320630E+02
5.4277783E+02 5.4334802E+02 5.4341614E+02
2.164605E+01 5.4285870E+02 5.4286401E+02 5.4286914E+02 5.4287372E+02
5.4230542E+02 5.4301520E+02 5.4309821E+02
2.214605E+01 5.4256830E+02 5.4257257E+02 5.4257611E+02 5.4258319E+02
5.4255817E+02 5.4275159E+02 5.4284973E+02
2.266648E+01 5.4228583E+02 5.4229102E+02 5.4229547E+02 5.4231519E+02
5.4200256E+02 5.4248285E+02 5.4258002E+02
2.318409E+01 5.4200745E+02 5.4201263E+02 5.4201697E+02 5.4204980E+02
5.4182568E+02 5.4221790E+02 5.4231042E+02
2.368409E+01 5.4174860E+02 5.4175360E+02 5.4175763E+02 5.4180206E+02
5.4171765E+02 5.4197504E+02 5.4206293E+02
2.418409E+01 5.4145740E+02 5.4146417E+02 5.4146918E+02 5.4152411E+02
5.4106061E+02 5.4171124E+02 5.4180524E+02
2.468420E+01 5.4116315E+02 5.4116931E+02 5.4117346E+02 5.4123145E+02
5.4071796E+02 5.4141516E+02 5.4150684E+02
2.518866E+01 5.4084454E+02 5.4085065E+02 5.4085480E+02 5.4091681E+02
5.4057111E+02 5.4110199E+02 5.4119281E+02

2.570592E+01	5.4051434E+02	5.4051959E+02	5.4052283E+02	5.4057202E+02
5.4059406E+02	5.4078369E+02	5.4087427E+02		
2.622136E+01	5.4018262E+02	5.4018811E+02	5.4019141E+02	5.3849408E+02
5.4020709E+02	5.4046948E+02	5.4055823E+02		
2.673972E+01	5.3988257E+02	5.3988745E+02	5.3989575E+02	5.3802081E+02
5.3998047E+02	5.4018091E+02	5.4026703E+02		
2.724740E+01	5.3958990E+02	5.3959399E+02	5.3961401E+02	5.3753857E+02
5.3974359E+02	5.3990106E+02	5.3998596E+02		
2.776852E+01	5.3929608E+02	5.3929987E+02	5.3933112E+02	5.3698352E+02
5.3950592E+02	5.3961969E+02	5.3970184E+02		
2.828743E+01	5.3899268E+02	5.3899634E+02	5.3903857E+02	5.3710028E+02
5.3922754E+02	5.3932306E+02	5.3940326E+02		
2.878743E+01	5.3869440E+02	5.3869855E+02	5.3868866E+02	5.3732690E+02
5.3894507E+02	5.3903473E+02	5.3911273E+02		
2.928743E+01	5.3838977E+02	5.3839410E+02	5.3840448E+02	5.3748492E+02
5.3865515E+02	5.3874176E+02	5.3881836E+02		
2.978743E+01	5.3808112E+02	5.3808557E+02	5.3809778E+02	5.3749329E+02
5.3835919E+02	5.3844403E+02	5.3851923E+02		
3.028743E+01	5.3776868E+02	5.3777325E+02	5.3717206E+02	5.3743927E+02
5.3805865E+02	5.3814178E+02	5.3821552E+02		
3.078743E+01	5.3745416E+02	5.3745886E+02	5.3395294E+02	5.3728064E+02
5.3775586E+02	5.3783722E+02	5.3790930E+02		
3.128743E+01	5.3713916E+02	5.3715234E+02	5.3364856E+02	5.3707196E+02
5.3745325E+02	5.3753284E+02	5.3760352E+02		
3.178743E+01	5.3681366E+02	5.3683868E+02	5.3327795E+02	5.3684338E+02
5.3713940E+02	5.3721674E+02	5.3728571E+02		
3.228743E+01	5.3648352E+02	5.3652081E+02	5.3280194E+02	5.3658252E+02
5.3682104E+02	5.3689594E+02	5.3696338E+02		
3.278743E+01	5.3615503E+02	5.3620416E+02	5.3210956E+02	5.3630481E+02
5.3650427E+02	5.3657642E+02	5.3664240E+02		
3.328743E+01	5.3582355E+02	5.3588068E+02	5.3179724E+02	5.3602271E+02
5.3617773E+02	5.3624866E+02	5.3631451E+02		
3.378743E+01	5.3554724E+02	5.3561316E+02	5.3160931E+02	5.3547174E+02
5.3590381E+02	5.3597076E+02	5.3603326E+02		
3.428743E+01	5.3520361E+02	5.3528021E+02	5.3115741E+02	5.3471399E+02
5.3558252E+02	5.3565277E+02	5.3571613E+02		
3.478743E+01	5.3482672E+02	5.3490717E+02	5.3068982E+02	5.3398157E+02
5.3522253E+02	5.3529510E+02	5.3535834E+02		
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5.3482660E+02	5.3490173E+02	5.3496466E+02		
3.578743E+01	5.3400897E+02	5.3319128E+02	5.2946490E+02	5.2907806E+02
5.3442682E+02	5.3450513E+02	5.3456836E+02		
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5.3402539E+02	5.3410773E+02	5.3417053E+02		
3.678743E+01	5.3321674E+02	5.3274231E+02	5.2752502E+02	5.2443134E+02
5.3362750E+02	5.3371875E+02	5.3378076E+02		
3.728743E+01	5.3282257E+02	5.3248248E+02	5.2617920E+02	5.2418677E+02
5.3316064E+02	5.3332336E+02	5.3338666E+02		
3.778743E+01	5.3241992E+02	5.3221063E+02	5.2470245E+02	5.2389990E+02
5.3257043E+02	5.3292810E+02	5.3299432E+02		
3.830806E+01	5.3199310E+02	5.3190247E+02	5.2294568E+02	5.2395148E+02
5.3032617E+02	5.3251172E+02	5.3258203E+02		
3.880806E+01	5.3158972E+02	5.3157025E+02	5.2095953E+02	5.2287885E+02
5.2544897E+02	5.3210742E+02	5.3218329E+02		
3.930806E+01	5.3119171E+02	5.3122131E+02	5.1902380E+02	5.2177997E+02
5.2386267E+02	5.3170172E+02	5.3178955E+02		

3.983299E+01 5.3077283E+02 5.3081720E+02 5.1634100E+02 5.2037195E+02
5.2250781E+02 5.3086920E+02 5.3135809E+02
4.034888E+01 5.3034424E+02 5.3038983E+02 5.1434882E+02 5.1833838E+02
5.2124695E+02 5.2975769E+02 5.3095123E+02
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5.1956342E+02 5.2825916E+02 5.3049030E+02
4.137451E+01 5.2952911E+02 5.2953827E+02 5.2259479E+02 5.1400446E+02
5.1787701E+02 5.2732220E+02 5.2912738E+02
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7.728299E+01 5.0395691E+02 5.0399377E+02 5.0403790E+02 5.0409128E+02
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7.830791E+01 5.0310370E+02 5.0314008E+02 5.0318555E+02 5.0324164E+02
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8.030791E+01 5.0151627E+02 5.0155457E+02 5.0160501E+02 5.0166635E+02
5.0173453E+02 5.0180710E+02 5.0188327E+02
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5.0097028E+02 5.0104221E+02 5.0111752E+02
8.180791E+01 5.0036542E+02 5.0040771E+02 5.0046100E+02 5.0052304E+02
5.0059061E+02 5.0066196E+02 5.0073657E+02

8.230791E+01 4.9998700E+02 5.0003055E+02 5.0008411E+02 5.0014566E+02
5.0021249E+02 5.0028311E+02 5.0035727E+02
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4.9983899E+02 4.9990894E+02 4.9998242E+02
8.330791E+01 4.9924524E+02 4.9929016E+02 4.9934338E+02 4.9940356E+02
4.9946878E+02 4.9953787E+02 4.9961072E+02
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1.133988E+03 4.0905545E+02 4.0913480E+02 4.0757468E+02 4.0755832E+02
4.0410767E+02 3.7724771E+02 3.8693616E+02
1.138988E+03 4.0918790E+02 4.0853293E+02 4.0753152E+02 4.0706512E+02
4.0316501E+02 3.7851688E+02 3.8297751E+02
1.143988E+03 4.0905814E+02 4.0929199E+02 4.0764490E+02 4.0728351E+02
4.0522586E+02 3.8500558E+02 3.8313013E+02
1.149029E+03 4.0897070E+02 4.0931442E+02 4.0688269E+02 4.0731439E+02
4.0560782E+02 3.8154404E+02 3.8379520E+02
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1.725225E+03 3.9247385E+02 3.8814908E+02 3.8151169E+02 3.7208359E+02
3.5938992E+02 3.4477203E+02 3.5561029E+02
1.730267E+03 3.9197025E+02 3.8736023E+02 3.8052383E+02 3.7043796E+02
3.5759641E+02 3.4309537E+02 3.5219153E+02
1.735300E+03 3.9489059E+02 3.9227060E+02 3.8808075E+02 3.8160294E+02
3.7298001E+02 3.6081509E+02 3.5419751E+02
1.740300E+03 3.9684995E+02 3.9616669E+02 3.9483981E+02 3.9251544E+02
3.8883563E+02 3.8040134E+02 3.7462268E+02
1.745300E+03 3.9723492E+02 3.9686545E+02 3.9612119E+02 3.9487909E+02
3.9272238E+02 3.8419031E+02 3.8111508E+02
1.750300E+03 3.9761197E+02 3.9735266E+02 3.9696179E+02 3.9629288E+02
3.9513690E+02 3.8803308E+02 3.8562589E+02

1.755300E+03 3.9796613E+02 3.9773871E+02 3.9743854E+02 3.9705270E+02
3.9639819E+02 3.8956454E+02 3.8843762E+02
1.760300E+03 3.9816989E+02 3.9795502E+02 3.9766422E+02 3.9734760E+02
3.9685257E+02 3.8760690E+02 3.8832703E+02
1.765300E+03 3.9839264E+02 3.9819467E+02 3.9795715E+02 3.9766327E+02
3.9726309E+02 3.8769550E+02 3.8831186E+02
1.770300E+03 3.9847144E+02 3.9828418E+02 3.9801700E+02 3.9775369E+02
3.9736066E+02 3.8364294E+02 3.8671793E+02
1.775300E+03 3.9874780E+02 3.9859576E+02 3.9840448E+02 3.9815732E+02
3.9786621E+02 3.9154416E+02 3.8870374E+02
1.780300E+03 3.9895529E+02 3.9885999E+02 3.9872388E+02 3.9855475E+02
3.9832965E+02 3.9259814E+02 3.9266943E+02
1.785300E+03 3.9895963E+02 3.9885803E+02 3.9867004E+02 3.9846405E+02
3.9693317E+02 3.8467728E+02 3.9217068E+02
1.790312E+03 3.9890616E+02 3.9874146E+02 3.9830203E+02 3.9674670E+02
3.9137741E+02 3.7869849E+02 3.9191788E+02
1.795348E+03 3.9893454E+02 3.9877789E+02 3.9835388E+02 3.9697946E+02
3.9220001E+02 3.7359381E+02 3.8727420E+02
1.800348E+03 3.9896848E+02 3.9886795E+02 3.9856671E+02 3.9768561E+02
3.9467828E+02 3.7746329E+02 3.8091077E+02
1.805392E+03 3.9894373E+02 3.9881464E+02 3.9839957E+02 3.9702252E+02
3.9148538E+02 3.7175766E+02 3.8066870E+02
1.810392E+03 3.9895901E+02 3.9883020E+02 3.9838745E+02 3.9692456E+02
3.9145230E+02 3.7128101E+02 3.7728537E+02
1.815392E+03 3.9895590E+02 3.9886658E+02 3.9851276E+02 3.9735550E+02
3.9308545E+02 3.7078226E+02 3.7532117E+02
1.820392E+03 3.9895078E+02 3.9884192E+02 3.9841525E+02 3.9694348E+02
3.9093140E+02 3.6508136E+02 3.7463510E+02
1.825392E+03 3.9890939E+02 3.9865567E+02 3.9773965E+02 3.9451614E+02
3.8437424E+02 3.6181262E+02 3.7460516E+02
1.830440E+03 3.9887424E+02 3.9854651E+02 3.9734940E+02 3.9337006E+02
3.8204895E+02 3.5969342E+02 3.7281873E+02
1.835440E+03 3.9871545E+02 3.9798132E+02 3.9565317E+02 3.8924002E+02
3.7580475E+02 3.5728284E+02 3.7383749E+02
1.840440E+03 3.9863730E+02 3.9773492E+02 3.9508606E+02 3.8804239E+02
3.7396484E+02 3.5294781E+02 3.7277545E+02
1.845440E+03 3.9844421E+02 3.9715668E+02 3.9350662E+02 3.8503299E+02
3.6986923E+02 3.4989905E+02 3.7307986E+02
1.850440E+03 3.9828976E+02 3.9673373E+02 3.9270795E+02 3.8353122E+02
3.6785251E+02 3.4617407E+02 3.7209860E+02
1.855440E+03 3.9794977E+02 3.9587741E+02 3.9084570E+02 3.8045145E+02
3.6381088E+02 3.4502292E+02 3.7251401E+02
1.860440E+03 3.9795099E+02 3.9588321E+02 3.9087347E+02 3.8060672E+02
3.6408386E+02 3.4216995E+02 3.6810458E+02
1.865440E+03 3.9762054E+02 3.9511987E+02 3.8954059E+02 3.7844495E+02
3.6135449E+02 3.3997266E+02 3.6772028E+02
1.870459E+03 3.9694321E+02 3.9364362E+02 3.8661447E+02 3.7418246E+02
3.5711569E+02 3.3960315E+02 3.6887692E+02
1.875459E+03 3.9679761E+02 3.9331522E+02 3.8614395E+02 3.7351077E+02
3.5606317E+02 3.3821210E+02 3.6634378E+02
1.880459E+03 3.9606158E+02 3.9189359E+02 3.8390222E+02 3.7045187E+02
3.5371213E+02 3.3704297E+02 3.6672769E+02
1.885502E+03 3.9559045E+02 3.9099020E+02 3.8218042E+02 3.6826700E+02
3.5145334E+02 3.3721603E+02 3.6635648E+02
1.890502E+03 3.9523013E+02 3.9030649E+02 3.8148215E+02 3.6732455E+02
3.5045816E+02 3.3539917E+02 3.6375052E+02

1.895548E+03	3.9451733E+02	3.8903845E+02	3.7952127E+02	3.6515012E+02
3.4838266E+02	3.3169580E+02	3.6389764E+02		
1.900587E+03	3.9476511E+02	3.8953192E+02	3.8039273E+02	3.6647144E+02
3.5061423E+02	3.3232578E+02	3.5808643E+02		
1.905594E+03	3.9414093E+02	3.8854959E+02	3.7919052E+02	3.6543466E+02
3.4932007E+02	3.3589130E+02	3.5560706E+02		
1.910599E+03	3.9200494E+02	3.8512329E+02	3.7410669E+02	3.6031122E+02
3.4617325E+02	3.3816220E+02	3.5813138E+02		
1.915604E+03	3.9156915E+02	3.8446420E+02	3.7386441E+02	3.5959549E+02
3.4613986E+02	3.3628082E+02	3.5681418E+02		
1.920619E+03	3.8976834E+02	3.8179147E+02	3.7056393E+02	3.5655487E+02
3.4485114E+02	3.3804062E+02	3.5824182E+02		
1.925623E+03	3.8918491E+02	3.8111819E+02	3.6972415E+02	3.5587262E+02
3.4425162E+02	3.3625513E+02	3.5701187E+02		
1.930635E+03	3.8747214E+02	3.7867139E+02	3.6739526E+02	3.5343610E+02
3.4260904E+02	3.3623651E+02	3.5764188E+02		
1.935664E+03	3.8708951E+02	3.7845679E+02	3.6694769E+02	3.5381757E+02
3.4299200E+02	3.3479684E+02	3.5505237E+02		
1.940709E+03	3.8527591E+02	3.7598615E+02	3.6449008E+02	3.5161746E+02
3.4128183E+02	3.3335468E+02	3.5644223E+02		
1.945709E+03	3.8398962E+02	3.7440640E+02	3.6287747E+02	3.4994052E+02
3.4077588E+02	3.3286502E+02	3.5633826E+02		
1.950755E+03	3.8249557E+02	3.7284711E+02	3.6121738E+02	3.4903265E+02
3.3963541E+02	3.3392294E+02	3.5622177E+02		
1.955762E+03	3.8160297E+02	3.7183157E+02	3.6070609E+02	3.4856531E+02
3.4087927E+02	3.3265652E+02	3.5520547E+02		
1.960784E+03	3.8039349E+02	3.7044510E+02	3.5930713E+02	3.4703915E+02
3.4052594E+02	3.3335385E+02	3.5449515E+02		
1.965832E+03	3.7891031E+02	3.6866028E+02	3.5767801E+02	3.4638785E+02
3.3920935E+02	3.3426016E+02	3.5465115E+02		
1.970878E+03	3.7725226E+02	3.6715863E+02	3.5626068E+02	3.4706293E+02
3.3791846E+02	3.3463849E+02	3.5517630E+02		
1.975889E+03	3.7562210E+02	3.6561594E+02	3.5460260E+02	3.4423972E+02
3.3885992E+02	3.3388388E+02	3.5558432E+02		
1.980934E+03	3.7363214E+02	3.6328503E+02	3.5285413E+02	3.4324323E+02
3.3764853E+02	3.3631268E+02	3.5554034E+02		
1.985934E+03	3.7152176E+02	3.6149811E+02	3.5217230E+02	3.4354996E+02
3.3973395E+02	3.4044260E+02	3.5620822E+02		
1.990934E+03	3.9527042E+02	3.9277664E+02	3.8856165E+02	3.8274017E+02
3.7545242E+02	3.6677002E+02	3.5944363E+02		
1.995934E+03	3.9696890E+02	3.9607535E+02	3.9391223E+02	3.9148538E+02
3.8767355E+02	3.7874298E+02	3.7456815E+02		
2.000034E+03	3.9720432E+02	3.9645801E+02	3.9470679E+02	3.9254791E+02
3.8934204E+02	3.7759601E+02	3.7607077E+02		

TIME (sec)	TSAT990704	TSAT990604	TSAT990504	TSAT990404
TSAT991803	TSAT991703	TSAT991603		
1.000000E-10	5.6137970E+02	5.6146301E+02	5.6158606E+02	5.6164935E+02
5.6060260E+02	5.6061578E+02	5.6071259E+02		
1.003469E-01	5.6126855E+02	5.6135852E+02	5.6149188E+02	5.6156152E+02
5.6052625E+02	5.6053613E+02	5.6060992E+02		
2.016405E-01	5.6129120E+02	5.6137524E+02	5.6149835E+02	5.6156177E+02
5.6051166E+02	5.6052277E+02	5.6061847E+02		
3.143499E-01	5.6123901E+02	5.6132367E+02	5.6144769E+02	5.6151154E+02
5.6046198E+02	5.6047180E+02	5.6056616E+02		
4.176774E-01	5.6118945E+02	5.6127478E+02	5.6139954E+02	5.6146387E+02
5.6041058E+02	5.6041913E+02	5.6051270E+02		

5.179474E-01	5.6114221E+02	5.6122711E+02	5.6135138E+02	5.6141541E+02
5.6036560E+02	5.6037329E+02	5.6046796E+02		
6.236274E-01	5.6108838E+02	5.6117346E+02	5.6129785E+02	5.6136188E+02
5.6031470E+02	5.6032111E+02	5.6041412E+02		
7.657229E-01	5.6101202E+02	5.6109741E+02	5.6122205E+02	5.6128625E+02
5.6023694E+02	5.6024225E+02	5.6033551E+02		
8.878756E-01	5.6094226E+02	5.6102771E+02	5.6115228E+02	5.6121655E+02
5.6016931E+02	5.6017297E+02	5.6026624E+02		
9.933645E-01	5.6088269E+02	5.6096790E+02	5.6109216E+02	5.6115625E+02
5.6011169E+02	5.6011523E+02	5.6020862E+02		
1.524044E+00	5.6060248E+02	5.6068823E+02	5.6081317E+02	5.6087762E+02
5.5984045E+02	5.5984247E+02	5.5992731E+02		
2.030162E+00	5.6033936E+02	5.6042584E+02	5.6055164E+02	5.6061639E+02
5.5957642E+02	5.5957733E+02	5.5965717E+02		
2.550346E+00	5.5997906E+02	5.6006262E+02	5.6018488E+02	5.6024780E+02
5.5922247E+02	5.5922583E+02	5.5929596E+02		
3.062366E+00	5.5962585E+02	5.5970953E+02	5.5983325E+02	5.5989703E+02
5.5887970E+02	5.5888269E+02	5.5895117E+02		
3.562366E+00	5.5895941E+02	5.5904309E+02	5.5916760E+02	5.5923175E+02
5.5821271E+02	5.5821564E+02	5.5827924E+02		
4.082775E+00	5.5812097E+02	5.5820477E+02	5.5833051E+02	5.5839520E+02
5.5737292E+02	5.5737598E+02	5.5743561E+02		
4.604100E+00	5.5735150E+02	5.5743549E+02	5.5756256E+02	5.5762799E+02
5.5660736E+02	5.5661047E+02	5.5666437E+02		
5.125216E+00	5.5663843E+02	5.5672290E+02	5.5685156E+02	5.5691779E+02
5.5589722E+02	5.5590076E+02	5.5594360E+02		
5.625216E+00	5.5600171E+02	5.5608655E+02	5.5621606E+02	5.5628278E+02
5.5526465E+02	5.5526831E+02	5.5530957E+02		
6.125216E+00	5.5542584E+02	5.5551117E+02	5.5564191E+02	5.5570923E+02
5.5469281E+02	5.5469678E+02	5.5471814E+02		
6.625216E+00	5.5489252E+02	5.5497876E+02	5.5511096E+02	5.5517902E+02
5.5416766E+02	5.5417157E+02	5.5418573E+02		
7.125216E+00	5.5442578E+02	5.5451257E+02	5.5464539E+02	5.5471381E+02
5.5371564E+02	5.5371954E+02	5.5372546E+02		
7.625216E+00	5.5404620E+02	5.5413397E+02	5.5426788E+02	5.5433679E+02
5.5335132E+02	5.5335571E+02	5.5336249E+02		
8.125216E+00	5.5371466E+02	5.5380322E+02	5.5393774E+02	5.5400702E+02
5.5303967E+02	5.5304364E+02	5.5305127E+02		
8.625216E+00	5.5351288E+02	5.5360175E+02	5.5373621E+02	5.5380560E+02
5.5286084E+02	5.5286499E+02	5.5287286E+02		
9.146049E+00	5.5360278E+02	5.5369232E+02	5.5382697E+02	5.5389636E+02
5.5297858E+02	5.5298260E+02	5.5299066E+02		
9.646049E+00	5.5378815E+02	5.5388049E+02	5.5401746E+02	5.5408807E+02
5.5319806E+02	5.5320178E+02	5.5320850E+02		
1.014605E+01	5.5387817E+02	5.5397192E+02	5.5410852E+02	5.5417896E+02
5.5332562E+02	5.5332953E+02	5.5333472E+02		
1.064605E+01	5.5381726E+02	5.5391467E+02	5.5405304E+02	5.5412427E+02
5.5331293E+02	5.5331665E+02	5.5332178E+02		
1.114605E+01	5.5363043E+02	5.5373047E+02	5.5386890E+02	5.5393982E+02
5.5317249E+02	5.5317633E+02	5.5318097E+02		
1.164605E+01	5.5347632E+02	5.5357965E+02	5.5371967E+02	5.5379114E+02
5.5305652E+02	5.5306000E+02	5.5306439E+02		
1.214605E+01	5.5325354E+02	5.5335638E+02	5.5349432E+02	5.5356439E+02
5.5285284E+02	5.5285632E+02	5.5286194E+02		
1.264605E+01	5.5293829E+02	5.5304315E+02	5.5318384E+02	5.5325507E+02
5.5255176E+02	5.5255511E+02	5.5256110E+02		

1.314605E+01	5.5263477E+02	5.5274518E+02	5.5289026E+02	5.5296375E+02
5.5228357E+02	5.5228754E+02	5.5229254E+02		
1.364605E+01	5.5205341E+02	5.5217035E+02	5.5232312E+02	5.5239893E+02
5.5172986E+02	5.5173297E+02	5.5174329E+02		
1.414605E+01	5.5137518E+02	5.5159515E+02	5.5175647E+02	5.5183185E+02
5.5118518E+02	5.5118835E+02	5.5119464E+02		
1.464605E+01	5.5060413E+02	5.5091565E+02	5.5109576E+02	5.5117297E+02
5.5053516E+02	5.5053821E+02	5.5054321E+02		
1.514605E+01	5.4978357E+02	5.5018311E+02	5.5038708E+02	5.5046747E+02
5.4983417E+02	5.4983765E+02	5.4984192E+02		
1.564605E+01	5.4900861E+02	5.4947534E+02	5.4970404E+02	5.4978809E+02
5.4915668E+02	5.4915906E+02	5.4916766E+02		
1.614605E+01	5.4827167E+02	5.4878552E+02	5.4903809E+02	5.4912616E+02
5.4850012E+02	5.4850354E+02	5.4850897E+02		
1.664605E+01	5.4757257E+02	5.4811456E+02	5.4838647E+02	5.4847827E+02
5.4785181E+02	5.4785522E+02	5.4786066E+02		
1.714605E+01	5.4689868E+02	5.4745325E+02	5.4773511E+02	5.4782880E+02
5.4720044E+02	5.4720380E+02	5.4720929E+02		
1.764605E+01	5.4683002E+02	5.4682434E+02	5.4710822E+02	5.4720190E+02
5.4656818E+02	5.4657147E+02	5.4657697E+02		
1.814605E+01	5.4616144E+02	5.4627832E+02	5.4656604E+02	5.4666083E+02
5.4602277E+02	5.4602612E+02	5.4603174E+02		
1.864605E+01	5.4565887E+02	5.4565430E+02	5.4595551E+02	5.4605719E+02
5.4540033E+02	5.4540247E+02	5.4540796E+02		
1.914605E+01	5.4510553E+02	5.4513416E+02	5.4542206E+02	5.4552209E+02
5.4486517E+02	5.4486841E+02	5.4487610E+02		
1.964605E+01	5.4462726E+02	5.4464709E+02	5.4494116E+02	5.4504053E+02
5.4439459E+02	5.4439795E+02	5.4440564E+02		
2.014605E+01	5.4420636E+02	5.4417114E+02	5.4448553E+02	5.4458881E+02
5.4393158E+02	5.4393494E+02	5.4394287E+02		
2.064605E+01	5.4382715E+02	5.4373834E+02	5.4407104E+02	5.4423370E+02
5.4352454E+02	5.4352808E+02	5.4353638E+02		
2.114605E+01	5.4348035E+02	5.4343323E+02	5.4380334E+02	5.4388568E+02
5.4315924E+02	5.4316284E+02	5.4317163E+02		
2.164605E+01	5.4316968E+02	5.4324225E+02	5.4348218E+02	5.4356201E+02
5.4282483E+02	5.4282855E+02	5.4283746E+02		
2.214605E+01	5.4292047E+02	5.4303253E+02	5.4320093E+02	5.4328058E+02
5.4254010E+02	5.4254382E+02	5.4255280E+02		
2.266648E+01	5.4265283E+02	5.4277002E+02	5.4292493E+02	5.4300201E+02
5.4225305E+02	5.4225684E+02	5.4226569E+02		
2.318409E+01	5.4238464E+02	5.4249976E+02	5.4264856E+02	5.4272247E+02
5.4197528E+02	5.4197913E+02	5.4198804E+02		
2.368409E+01	5.4213342E+02	5.4224530E+02	5.4239197E+02	5.4246460E+02
5.4171674E+02	5.4172058E+02	5.4172925E+02		
2.418409E+01	5.4187933E+02	5.4199677E+02	5.4214838E+02	5.4222314E+02
5.4142065E+02	5.4142432E+02	5.4143298E+02		
2.468420E+01	5.4157916E+02	5.4169104E+02	5.4183374E+02	5.4190271E+02
5.4112561E+02	5.4112933E+02	5.4113849E+02		
2.518866E+01	5.4126453E+02	5.4137433E+02	5.4151514E+02	5.4158331E+02
5.4080786E+02	5.4081140E+02	5.4082074E+02		
2.570592E+01	5.4094623E+02	5.4105566E+02	5.4119550E+02	5.4126349E+02
5.4048132E+02	5.4048480E+02	5.4049402E+02		
2.622136E+01	5.4062842E+02	5.4073468E+02	5.4087042E+02	5.4093628E+02
5.4014905E+02	5.4015265E+02	5.4016168E+02		
2.673972E+01	5.4033527E+02	5.4043799E+02	5.4056927E+02	5.4063318E+02
5.3984637E+02	5.3985016E+02	5.3985901E+02		

2.724740E+01 5.4005243E+02 5.4015259E+02 5.4028070E+02 5.4034314E+02
5.3955457E+02 5.3955829E+02 5.3956689E+02
2.776852E+01 5.3976660E+02 5.3986401E+02 5.3998895E+02 5.4005060E+02
5.3925537E+02 5.3925928E+02 5.3926788E+02
2.828743E+01 5.3946686E+02 5.3956250E+02 5.3968506E+02 5.3974554E+02
5.3894965E+02 5.3895355E+02 5.3896210E+02
2.878743E+01 5.3917468E+02 5.3926782E+02 5.3938745E+02 5.3944666E+02
5.3864905E+02 5.3865302E+02 5.3866144E+02
2.928743E+01 5.3887921E+02 5.3897046E+02 5.3908783E+02 5.3914618E+02
5.3834186E+02 5.3834589E+02 5.3835413E+02
2.978743E+01 5.3857898E+02 5.3866901E+02 5.3878479E+02 5.3884247E+02
5.3803162E+02 5.3803564E+02 5.3804388E+02
3.028743E+01 5.3827399E+02 5.3836218E+02 5.3847565E+02 5.3853217E+02
5.3771808E+02 5.3772217E+02 5.3773035E+02
3.078743E+01 5.3796661E+02 5.3805310E+02 5.3816473E+02 5.3822070E+02
5.3740283E+02 5.3740704E+02 5.3741528E+02
3.128743E+01 5.3766010E+02 5.3774548E+02 5.3785541E+02 5.3791058E+02
5.3708948E+02 5.3709369E+02 5.3710193E+02
3.178743E+01 5.3734131E+02 5.3742511E+02 5.3753265E+02 5.3758667E+02
5.3676166E+02 5.3676599E+02 5.3677429E+02
3.228743E+01 5.3701825E+02 5.3710034E+02 5.3720569E+02 5.3725854E+02
5.3643109E+02 5.3643549E+02 5.3644385E+02
3.278743E+01 5.3669629E+02 5.3677649E+02 5.3687915E+02 5.3693091E+02
5.3610181E+02 5.3610632E+02 5.3611475E+02
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5.3576874E+02 5.3577344E+02 5.3578192E+02
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3.428743E+01 5.3576886E+02 5.3584686E+02 5.3594550E+02 5.3599524E+02
5.3514661E+02 5.3515125E+02 5.3515985E+02
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3.880806E+01 5.3223224E+02 5.3230096E+02 5.3238568E+02 5.3242798E+02
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5.3112036E+02 5.3112573E+02 5.3113092E+02
3.983299E+01 5.3141742E+02 5.3148615E+02 5.3156946E+02 5.3161047E+02
5.3069562E+02 5.3070081E+02 5.3070593E+02
4.034888E+01 5.3102533E+02 5.3110370E+02 5.3119171E+02 5.3123248E+02
5.3026147E+02 5.3026721E+02 5.3027905E+02
4.086869E+01 5.3057678E+02 5.3065149E+02 5.3073682E+02 5.3077637E+02
5.2985089E+02 5.2985596E+02 5.2986389E+02

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5.2945728E+02 5.2946191E+02 5.2947321E+02
4.188536E+01 5.2950269E+02 5.2981580E+02 5.2992242E+02 5.2996521E+02
5.2904730E+02 5.2905176E+02 5.2906152E+02
4.239460E+01 5.2794550E+02 5.2938440E+02 5.2950238E+02 5.2954663E+02
5.2863373E+02 5.2863837E+02 5.2864679E+02
4.290141E+01 5.2551947E+02 5.2893896E+02 5.2907721E+02 5.2912982E+02
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4.391029E+01 5.1745410E+02 5.2577570E+02 5.2821436E+02 5.2829651E+02
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4.745940E+01 5.2449420E+02 5.1873682E+02 5.2318488E+02 5.2351520E+02
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6.922510E+01 5.1054532E+02 5.1062717E+02 5.1074524E+02 5.1080829E+02
5.0999588E+02 5.0999857E+02 5.1000354E+02

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5.0962704E+02	5.0962985E+02	5.0963373E+02		
7.023885E+01	5.0982690E+02	5.0990598E+02	5.1002267E+02	5.1008768E+02
5.0926144E+02	5.0926416E+02	5.0926831E+02		
7.074079E+01	5.0946829E+02	5.0954987E+02	5.0966235E+02	5.0972650E+02
5.0890424E+02	5.0890692E+02	5.0891257E+02		
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5.0853354E+02	5.0853619E+02	5.0853989E+02		
7.175066E+01	5.0868216E+02	5.0876968E+02	5.0888672E+02	5.0895151E+02
5.0815274E+02	5.0815540E+02	5.0815927E+02		
7.227091E+01	5.0826880E+02	5.0835321E+02	5.0847351E+02	5.0854248E+02
5.0776459E+02	5.0776736E+02	5.0777518E+02		
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5.0673593E+02	5.0673825E+02	5.0674966E+02		
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5.0647931E+02	5.0648190E+02	5.0649527E+02		
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5.0561978E+02	5.0562155E+02	5.0563303E+02		
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5.0517239E+02	5.0517453E+02	5.0519052E+02		
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5.0473462E+02	5.0473636E+02	5.0474673E+02		
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5.0430524E+02	5.0430692E+02	5.0431409E+02		
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5.0387607E+02	5.0387766E+02	5.0388223E+02		
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5.0345358E+02	5.0345523E+02	5.0346005E+02		
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5.0222589E+02	5.0222736E+02	5.0223462E+02		
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5.0182944E+02	5.0183087E+02	5.0184113E+02		
8.030791E+01	5.0194720E+02	5.0204364E+02	5.0217432E+02	5.0224585E+02
5.0143448E+02	5.0143594E+02	5.0144666E+02		
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5.0104550E+02	5.0104688E+02	5.0105783E+02		
8.130791E+01	5.0118079E+02	5.0127472E+02	5.0140164E+02	5.0147128E+02
5.0066080E+02	5.0066205E+02	5.0067319E+02		
8.180791E+01	5.0079916E+02	5.0089127E+02	5.0101627E+02	5.0108548E+02
5.0027914E+02	5.0028030E+02	5.0028915E+02		
8.230791E+01	5.0041977E+02	5.0051166E+02	5.0063797E+02	5.0070984E+02
4.9989920E+02	4.9990042E+02	4.9990698E+02		
8.280791E+01	5.0004437E+02	5.0013461E+02	5.0025623E+02	5.0032355E+02
4.9952374E+02	4.9952518E+02	4.9953085E+02		
8.330791E+01	4.9967224E+02	4.9976108E+02	4.9988065E+02	4.9994714E+02
4.9915137E+02	4.9915283E+02	4.9915820E+02		

8.380791E+01 4.9929990E+02 4.9938736E+02 4.9950491E+02 4.9957074E+02
4.9877969E+02 4.9878119E+02 4.9878668E+02
8.430791E+01 4.9892313E+02 4.9900928E+02 4.9912512E+02 4.9919061E+02
4.9840311E+02 4.9840448E+02 4.9841089E+02
8.483009E+01 4.9852539E+02 4.9860992E+02 4.9872440E+02 4.9879016E+02
4.9801416E+02 4.9801596E+02 4.9802188E+02
8.533189E+01 4.9814853E+02 4.9823178E+02 4.9834570E+02 4.9841245E+02
4.9764133E+02 4.9764249E+02 4.9764908E+02
8.583189E+01 4.9777170E+02 4.9785416E+02 4.9796909E+02 4.9803799E+02
4.9727090E+02 4.9727209E+02 4.9727878E+02
8.634407E+01 4.9738889E+02 4.9747125E+02 4.9758905E+02 4.9766003E+02
4.9689508E+02 4.9689621E+02 4.9690384E+02
8.686680E+01 4.9698343E+02 4.9706381E+02 4.9718704E+02 4.9726431E+02
4.9651758E+02 4.9651953E+02 4.9652643E+02
8.738983E+01 4.9658383E+02 4.9667200E+02 4.9680368E+02 4.9688229E+02
4.9612653E+02 4.9612897E+02 4.9613690E+02
8.789572E+01 4.9620850E+02 4.9630457E+02 4.9644131E+02 4.9652158E+02
4.9574579E+02 4.9574631E+02 4.9575629E+02
8.841684E+01 4.9588840E+02 4.9596069E+02 4.9609760E+02 4.9617685E+02
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8.892328E+01 4.9545444E+02 4.9555533E+02 4.9568436E+02 4.9577536E+02
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8.995622E+01 4.9468625E+02 4.9479388E+02 4.9494040E+02 4.9502234E+02
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4.8853860E+02	4.8853998E+02	4.8854672E+02		
9.859486E+01	4.8868982E+02	4.8879129E+02	4.8893735E+02	4.8901999E+02
4.8820135E+02	4.8820270E+02	4.8820929E+02		
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4.8786780E+02	4.8786932E+02	4.8787555E+02		
9.960883E+01	4.8803860E+02	4.8815738E+02	4.8831006E+02	4.8839148E+02
4.8753455E+02	4.8753610E+02	4.8754208E+02		
1.050470E+02	4.8483606E+02	4.8494095E+02	4.8509262E+02	4.8518048E+02
4.8431305E+02	4.8431482E+02	4.8432123E+02		
1.100490E+02	4.8185693E+02	4.8199847E+02	4.8219455E+02	4.8230179E+02
4.8138715E+02	4.8138861E+02	4.8139877E+02		
1.150536E+02	4.7880997E+02	4.7895535E+02	4.7915613E+02	4.7926660E+02
4.7833829E+02	4.7833987E+02	4.7834528E+02		
1.200844E+02	4.7591553E+02	4.7606497E+02	4.7626810E+02	4.7637985E+02
4.7543628E+02	4.7543802E+02	4.7544501E+02		
1.251066E+02	4.7313809E+02	4.7327289E+02	4.7346863E+02	4.7358560E+02
4.7265707E+02	4.7265845E+02	4.7266516E+02		
1.301141E+02	4.6993793E+02	4.7010004E+02	4.7032318E+02	4.7044485E+02
4.6935590E+02	4.6935703E+02	4.6936475E+02		
1.351283E+02	4.6714551E+02	4.6731549E+02	4.6755597E+02	4.6765640E+02
4.6657266E+02	4.6657373E+02	4.6658096E+02		
1.401329E+02	4.6482483E+02	4.6496002E+02	4.6518427E+02	4.6531143E+02
4.6422925E+02	4.6423041E+02	4.6423901E+02		
1.451352E+02	4.6265140E+02	4.6281198E+02	4.6303027E+02	4.6315546E+02
4.6199042E+02	4.6199161E+02	4.6199887E+02		
1.501399E+02	4.6028464E+02	4.6046793E+02	4.6072461E+02	4.6086865E+02
4.5962750E+02	4.5962860E+02	4.5963583E+02		
1.551709E+02	4.5777603E+02	4.5798175E+02	4.5826498E+02	4.5842084E+02
4.5715607E+02	4.5715717E+02	4.5716351E+02		
1.602165E+02	4.5549777E+02	4.5571194E+02	4.5600562E+02	4.5616736E+02
4.5488037E+02	4.5488153E+02	4.5488831E+02		
1.652350E+02	4.5349780E+02	4.5371603E+02	4.5401440E+02	4.5417972E+02
4.5286090E+02	4.5286218E+02	4.5286884E+02		
1.702598E+02	4.5180219E+02	4.5201657E+02	4.5231686E+02	4.5248227E+02
4.5110571E+02	4.5110675E+02	4.5111356E+02		
1.752735E+02	4.4974374E+02	4.4997519E+02	4.5028738E+02	4.5050946E+02
4.4905707E+02	4.4905820E+02	4.4906564E+02		
1.802951E+02	4.4759253E+02	4.4785168E+02	4.4820160E+02	4.4839218E+02
4.4683783E+02	4.4683911E+02	4.4684613E+02		
1.853119E+02	4.4563123E+02	4.4586258E+02	4.4618134E+02	4.4636414E+02
4.4481979E+02	4.4482089E+02	4.4482721E+02		
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1.953564E+02	4.4216702E+02	4.4242236E+02	4.4276895E+02	4.4296390E+02
4.4130121E+02	4.4130252E+02	4.4130951E+02		
2.003570E+02	4.4064090E+02	4.4091098E+02	4.4127859E+02	4.4148389E+02
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2.053755E+02	4.3929614E+02	4.3956509E+02	4.3993039E+02	4.4013708E+02
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4.3533936E+02	4.3534055E+02	4.3534705E+02		
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4.3393753E+02	4.3393900E+02	4.3394626E+02		

2.254792E+02 4.3343036E+02 4.3378607E+02 4.3427145E+02 4.3453650E+02
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5.215463E+02 3.9984155E+02 4.0935074E+02 4.1152170E+02 4.1344626E+02
4.0780981E+02 4.0781161E+02 4.0782022E+02
5.265685E+02 3.7635632E+02 4.0518787E+02 4.1095627E+02 4.1394040E+02
4.0788818E+02 4.0788989E+02 4.0789859E+02
5.316183E+02 3.6855215E+02 3.9806598E+02 4.0893622E+02 4.1276694E+02
4.0791058E+02 4.0791232E+02 4.0792050E+02
5.366320E+02 3.6637970E+02 3.9172784E+02 4.0679675E+02 4.1192493E+02
4.0797708E+02 4.0797891E+02 4.0798679E+02
5.416345E+02 3.6368219E+02 3.8471030E+02 4.0376611E+02 4.0811346E+02
4.0802963E+02 4.0803146E+02 4.0803860E+02
5.466345E+02 3.6238400E+02 3.6872888E+02 3.9786398E+02 4.0972363E+02
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4.0603201E+02	4.0643433E+02	4.0760406E+02		
1.103988E+03	3.8931174E+02	3.8634094E+02	3.8197220E+02	3.8151828E+02
4.0584430E+02	4.0643256E+02	4.0764636E+02		
1.108988E+03	3.9155057E+02	3.8911777E+02	3.8635876E+02	3.8565573E+02
4.0584451E+02	4.0620459E+02	4.0738840E+02		
1.113988E+03	3.9367038E+02	3.9068787E+02	3.8825931E+02	3.8771548E+02
4.0550549E+02	4.0598340E+02	4.0711319E+02		
1.118988E+03	3.9361426E+02	3.9160516E+02	3.8903745E+02	3.8882816E+02
4.0536618E+02	4.0585031E+02	4.0696426E+02		
1.123988E+03	3.9346219E+02	3.9159949E+02	3.8952060E+02	3.8932132E+02
4.0517072E+02	4.0573502E+02	4.0682883E+02		
1.128988E+03	3.9125284E+02	3.9185699E+02	3.9047549E+02	3.8984641E+02
4.0500995E+02	4.0557397E+02	4.0670685E+02		
1.133988E+03	3.9015942E+02	3.9151999E+02	3.9034503E+02	3.8999234E+02
4.0483035E+02	4.0548303E+02	4.0659381E+02		
1.138988E+03	3.8713406E+02	3.9094022E+02	3.9076376E+02	3.9033914E+02
4.0485040E+02	4.0547379E+02	4.0667392E+02		
1.143988E+03	3.8361142E+02	3.8845694E+02	3.8969815E+02	3.9006641E+02
4.0486993E+02	4.0538452E+02	4.0659058E+02		
1.149029E+03	3.8360751E+02	3.8683936E+02	3.8903098E+02	3.8933432E+02
4.0467929E+02	4.0526050E+02	4.0645349E+02		
1.154029E+03	3.8340161E+02	3.8634778E+02	3.8894464E+02	3.8926843E+02
4.0477466E+02	4.0546497E+02	4.0672836E+02		
1.159029E+03	3.8306863E+02	3.8455850E+02	3.8645651E+02	3.8698767E+02
4.0467999E+02	4.0520309E+02	4.0645172E+02		
1.164029E+03	3.8486996E+02	3.8426031E+02	3.8554913E+02	3.8611868E+02
4.0481738E+02	4.0538766E+02	4.0661282E+02		
1.169073E+03	3.8833057E+02	3.8549469E+02	3.8514359E+02	3.8542883E+02
4.0462469E+02	4.0510669E+02	4.0631122E+02		
1.174073E+03	3.8787073E+02	3.8551944E+02	3.8534647E+02	3.8572125E+02
4.0456647E+02	4.0522485E+02	4.0645200E+02		
1.179073E+03	3.8755515E+02	3.8636725E+02	3.8561734E+02	3.8530603E+02
4.0453183E+02	4.0519849E+02	4.0644711E+02		
1.184122E+03	3.8648520E+02	3.8652274E+02	3.8587442E+02	3.8607703E+02
4.0443567E+02	4.0506659E+02	4.0628232E+02		
1.189164E+03	3.8658569E+02	3.8643378E+02	3.8589243E+02	3.8592502E+02
4.0442767E+02	4.0511987E+02	4.0634238E+02		
1.194184E+03	3.8666769E+02	3.8640488E+02	3.8591400E+02	3.8593970E+02
4.0434454E+02	4.0504849E+02	4.0627734E+02		
1.199231E+03	3.8624359E+02	3.8645273E+02	3.8574478E+02	3.8611761E+02
4.0434903E+02	4.0505618E+02	4.0629501E+02		
1.204231E+03	3.8128854E+02	3.8562039E+02	3.8609460E+02	3.8589334E+02
4.0438058E+02	4.0515079E+02	4.0639423E+02		

1.209231E+03	3.7582498E+02	3.8163171E+02	3.8439313E+02	3.8501196E+02
4.0432303E+02	4.0501080E+02	4.0625836E+02		
1.214231E+03	3.7586844E+02	3.8104678E+02	3.8383279E+02	3.8489185E+02
4.0429282E+02	4.0500223E+02	4.0624988E+02		
1.219231E+03	3.7606274E+02	3.8112430E+02	3.8417752E+02	3.8487415E+02
4.0424545E+02	4.0496207E+02	4.0621082E+02		
1.224231E+03	3.7682193E+02	3.8118469E+02	3.8405637E+02	3.8529581E+02
4.0441748E+02	4.0507788E+02	4.0627319E+02		
1.229231E+03	3.7710986E+02	3.8146130E+02	3.8408615E+02	3.8505307E+02
4.0398267E+02	4.0466098E+02	4.0596323E+02		
1.234231E+03	3.7597842E+02	3.8055606E+02	3.8350522E+02	3.8447186E+02
4.0391650E+02	4.0452515E+02	4.0581088E+02		
1.239231E+03	3.7538724E+02	3.8047540E+02	3.8353519E+02	3.8453915E+02
4.0380475E+02	4.0443710E+02	4.0571744E+02		
1.244231E+03	3.7288968E+02	3.7956198E+02	3.8288617E+02	3.8372113E+02
4.0385327E+02	4.0454605E+02	4.0594687E+02		
1.249231E+03	3.6584970E+02	3.7183209E+02	3.7724280E+02	3.7862134E+02
4.0387531E+02	4.0443643E+02	4.0583127E+02		
1.254231E+03	3.6986401E+02	3.7026245E+02	3.7450934E+02	3.7534302E+02
4.0356143E+02	4.0403220E+02	4.0548813E+02		
1.259231E+03	3.7149347E+02	3.7065875E+02	3.7378909E+02	3.7443356E+02
4.0346008E+02	4.0403824E+02	4.0555038E+02		
1.264231E+03	3.7674683E+02	3.7245737E+02	3.7218790E+02	3.7241394E+02
4.0344812E+02	4.0401965E+02	4.0555023E+02		
1.269231E+03	3.8230563E+02	3.7600717E+02	3.7327679E+02	3.7329605E+02
4.0323193E+02	4.0364462E+02	4.0517871E+02		
1.274231E+03	3.8255386E+02	3.7613385E+02	3.7370044E+02	3.7391223E+02
4.0305399E+02	4.0350159E+02	4.0502081E+02		
1.279231E+03	3.8183115E+02	3.7604260E+02	3.7394214E+02	3.7447888E+02
4.0288382E+02	4.0339169E+02	4.0466553E+02		
1.284231E+03	3.8073755E+02	3.7582138E+02	3.7423956E+02	3.7452249E+02
4.0278030E+02	4.0331827E+02	4.0474435E+02		
1.289231E+03	3.8124893E+02	3.7634720E+02	3.7430078E+02	3.7474106E+02
4.0263724E+02	4.0311560E+02	4.0460919E+02		
1.294280E+03	3.8122113E+02	3.7661548E+02	3.7420053E+02	3.7503009E+02
4.0249762E+02	4.0295990E+02	4.0448126E+02		
1.299280E+03	3.7994836E+02	3.7724448E+02	3.7492886E+02	3.7493594E+02
4.0243420E+02	4.0301004E+02	4.0451343E+02		
1.304280E+03	3.7188348E+02	3.7601553E+02	3.7584851E+02	3.7608163E+02
4.0230719E+02	4.0273346E+02	4.0426157E+02		
1.309280E+03	3.7236124E+02	3.7558542E+02	3.7626886E+02	3.7597086E+02
4.0219778E+02	4.0258124E+02	4.0380954E+02		
1.314280E+03	3.7346143E+02	3.7584973E+02	3.7591656E+02	3.7587701E+02
4.0207596E+02	4.0259467E+02	4.0372198E+02		
1.319280E+03	3.7321579E+02	3.7569693E+02	3.7611459E+02	3.7607214E+02
4.0197031E+02	4.0244504E+02	4.0381274E+02		
1.324280E+03	3.7290338E+02	3.7560895E+02	3.7661490E+02	3.7648709E+02
4.0183649E+02	4.0231403E+02	4.0374774E+02		
1.329280E+03	3.7210007E+02	3.7524753E+02	3.7623599E+02	3.7684418E+02
4.0176749E+02	4.0216983E+02	4.0366495E+02		
1.334329E+03	3.7167886E+02	3.7516809E+02	3.7614716E+02	3.7678113E+02
4.0163873E+02	4.0208914E+02	4.0358563E+02		
1.339329E+03	3.7196948E+02	3.7508609E+02	3.7639023E+02	3.7668179E+02
4.0159241E+02	4.0204092E+02	4.0329456E+02		
1.344329E+03	3.7163492E+02	3.7488348E+02	3.7613217E+02	3.7687781E+02
4.0146912E+02	4.0191891E+02	4.0318826E+02		

1.349329E+03	3.7213385E+02	3.7530286E+02	3.7646674E+02	3.7683307E+02
4.0134009E+02	4.0188116E+02	4.0321527E+02		
1.354329E+03	3.7218085E+02	3.7529733E+02	3.7619135E+02	3.7738232E+02
4.0132877E+02	4.0179062E+02	4.0322040E+02		
1.359336E+03	3.7178036E+02	3.7517456E+02	3.7626846E+02	3.7714200E+02
4.0116602E+02	4.0164795E+02	4.0312662E+02		
1.364336E+03	3.7090411E+02	3.7512549E+02	3.7620258E+02	3.7696317E+02
4.0109036E+02	4.0151498E+02	4.0299344E+02		
1.369336E+03	3.6813843E+02	3.7451596E+02	3.7613089E+02	3.7687411E+02
4.0092538E+02	4.0126221E+02	4.0279208E+02		
1.374336E+03	3.7051483E+02	3.7463974E+02	3.7608093E+02	3.7805344E+02
4.0080447E+02	4.0132446E+02	4.0274557E+02		
1.379370E+03	3.6775046E+02	3.7414120E+02	3.7569095E+02	3.7640341E+02
4.0058646E+02	4.0112567E+02	4.0202664E+02		
1.384372E+03	3.5386548E+02	3.6624683E+02	3.7209879E+02	3.7309650E+02
4.0053809E+02	4.0118390E+02	4.0268512E+02		
1.389418E+03	3.5684708E+02	3.5801691E+02	3.6300613E+02	3.6444608E+02
4.0102365E+02	4.0150000E+02	4.0268527E+02		
1.394459E+03	3.7508322E+02	3.6524789E+02	3.6262567E+02	3.6225958E+02
4.0220389E+02	4.0148795E+02	4.0230389E+02		
1.399505E+03	3.9417786E+02	3.8694473E+02	3.8036212E+02	3.7919382E+02
4.0204153E+02	4.0229364E+02	4.0377072E+02		
1.404505E+03	3.9669669E+02	3.9336267E+02	3.8889728E+02	3.8818451E+02
4.0182205E+02	4.0209692E+02	4.0284845E+02		
1.409509E+03	3.9648221E+02	3.9557559E+02	3.9362491E+02	3.9326636E+02
4.0254355E+02	4.0284418E+02	4.0470187E+02		
1.414548E+03	3.9887448E+02	3.9787256E+02	3.9678818E+02	3.9670380E+02
4.0163504E+02	4.0188837E+02	4.0338116E+02		
1.419548E+03	3.9840079E+02	3.9845804E+02	3.9792462E+02	3.9790256E+02
4.0094232E+02	4.0111127E+02	4.0272031E+02		
1.424548E+03	3.9693042E+02	3.9772382E+02	3.9798886E+02	3.9880292E+02
4.0063669E+02	4.0075650E+02	4.0243948E+02		
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4.0027884E+02	4.0045917E+02	4.0209097E+02		
1.434548E+03	3.9578079E+02	3.9626929E+02	3.9671625E+02	3.9771515E+02
3.9994766E+02	4.0009979E+02	4.0170074E+02		
1.439548E+03	3.9451953E+02	3.9563971E+02	3.9624591E+02	3.9730026E+02
3.9955685E+02	3.9969952E+02	4.0135651E+02		
1.444548E+03	3.9237747E+02	3.9433545E+02	3.9541647E+02	3.9607867E+02
3.9931384E+02	3.9937592E+02	4.0108908E+02		
1.449548E+03	3.9233942E+02	3.9314371E+02	3.9415427E+02	3.9473831E+02
3.9903812E+02	3.9931714E+02	4.0075473E+02		
1.454592E+03	3.9245966E+02	3.9326935E+02	3.9427560E+02	3.9506677E+02
3.9854349E+02	3.9890811E+02	4.0036877E+02		
1.459592E+03	3.9280725E+02	3.9347531E+02	3.9446628E+02	4.0007324E+02
3.9830994E+02	3.9864246E+02	4.0017053E+02		
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3.9807993E+02	3.9816068E+02	3.9985306E+02		
1.469638E+03	3.8458084E+02	3.9065390E+02	3.9299332E+02	3.9332166E+02
3.9791754E+02	3.9792255E+02	3.9967398E+02		
1.474638E+03	3.8163812E+02	3.8661319E+02	3.9033783E+02	3.9104300E+02
3.9769281E+02	3.9769534E+02	3.9930020E+02		
1.479638E+03	3.8253137E+02	3.8621494E+02	3.8970026E+02	3.9050586E+02
3.9734082E+02	3.9743246E+02	3.9907593E+02		
1.484681E+03	3.8449557E+02	3.8685333E+02	3.9172705E+02	4.0048236E+02
3.9715790E+02	3.9731458E+02	3.9901843E+02		

1.489718E+03 3.8458621E+02 3.8705588E+02 3.9206750E+02 4.0000821E+02
3.9708484E+02 3.9719876E+02 3.9891000E+02
1.494719E+03 3.8165787E+02 3.8606241E+02 3.8864438E+02 3.9261218E+02
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3.9625793E+02 3.9638608E+02 3.9805612E+02
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1.599956E+03 3.8753140E+02 3.8758939E+02 3.8640234E+02 3.8642575E+02
3.9636301E+02 3.9636261E+02 3.9712149E+02
1.604956E+03 3.8728387E+02 3.8758395E+02 3.8639200E+02 3.8623337E+02
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1.629956E+03 3.8651907E+02 3.8754947E+02 3.8641119E+02 3.8577365E+02
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3.9631628E+02 3.9630908E+02 3.9699307E+02
1.644972E+03 3.8537311E+02 3.8732693E+02 3.8646796E+02 3.8681125E+02
3.9633249E+02 3.9634586E+02 3.9678293E+02
1.649982E+03 3.8505246E+02 3.8719534E+02 3.8638269E+02 3.8567365E+02
3.9635367E+02 3.9637213E+02 3.9673389E+02
1.654998E+03 3.8295084E+02 3.8682895E+02 3.8639539E+02 3.8599374E+02
3.9636688E+02 3.9637534E+02 3.9721951E+02
1.660028E+03 3.8177255E+02 3.8661719E+02 3.8626480E+02 3.8585129E+02
3.9638736E+02 3.9640933E+02 3.9781635E+02
1.665028E+03 3.8202960E+02 3.8663464E+02 3.8635852E+02 3.8532446E+02
3.9643954E+02 3.9646643E+02 3.9703757E+02
1.670048E+03 3.8143164E+02 3.8636905E+02 3.8621344E+02 3.8641489E+02
3.9651465E+02 3.9653558E+02 3.9687039E+02
1.675065E+03 3.7935718E+02 3.8587357E+02 3.8647144E+02 3.8587952E+02
3.9657678E+02 3.9655658E+02 3.9686661E+02
1.680108E+03 3.7531812E+02 3.8480344E+02 3.8635306E+02 3.8584634E+02
3.9654608E+02 3.9651913E+02 3.9688412E+02
1.685146E+03 3.7407458E+02 3.8396817E+02 3.8583249E+02 3.8634229E+02
3.9659613E+02 3.9656787E+02 3.9688602E+02
1.690150E+03 3.7699100E+02 3.8435529E+02 3.8577460E+02 3.9486163E+02
3.9662796E+02 3.9663971E+02 3.9686414E+02
1.695192E+03 3.7940894E+02 3.8437802E+02 3.9304178E+02 4.0206992E+02
3.9680316E+02 3.9695865E+02 3.9664468E+02
1.700202E+03 3.6339929E+02 3.7747018E+02 3.8836166E+02 3.9109503E+02
3.9692126E+02 3.9702826E+02 3.9681525E+02
1.705202E+03 3.5493521E+02 3.6503619E+02 3.7894409E+02 3.8233655E+02
3.9702945E+02 3.9697412E+02 3.9703201E+02
1.710202E+03 3.5737994E+02 3.6604102E+02 3.7945273E+02 3.8767590E+02
3.9693851E+02 3.9694678E+02 3.9690317E+02
1.715202E+03 3.5752850E+02 3.6491754E+02 3.7856464E+02 3.8390878E+02
3.9692471E+02 3.9692743E+02 3.9696567E+02
1.720212E+03 3.5870395E+02 3.6568015E+02 3.8080035E+02 3.9147437E+02
3.9695166E+02 3.9697897E+02 3.9690643E+02
1.725225E+03 3.6193588E+02 3.6895285E+02 3.8472525E+02 3.9442014E+02
3.9694492E+02 3.9699228E+02 3.9690683E+02
1.730267E+03 3.6405792E+02 3.7075018E+02 3.8471414E+02 3.9512610E+02
3.9723105E+02 3.9729749E+02 3.9802032E+02
1.735300E+03 3.5260593E+02 3.5923718E+02 3.7681741E+02 3.8036948E+02
3.9831299E+02 3.9734180E+02 3.9722449E+02
1.740300E+03 3.7038449E+02 3.6276889E+02 3.5996857E+02 3.6027515E+02
3.9858908E+02 3.9869366E+02 3.9789749E+02
1.745300E+03 3.7860751E+02 3.7092773E+02 3.6589383E+02 3.6504471E+02
3.9878574E+02 3.9897302E+02 3.9804114E+02
1.750300E+03 3.8399475E+02 3.7820618E+02 3.7323526E+02 3.7238815E+02
3.9871887E+02 3.9884418E+02 3.9843445E+02
1.755300E+03 3.8749496E+02 3.8348419E+02 3.7961459E+02 3.7878000E+02
3.9844794E+02 3.9845459E+02 3.9878595E+02
1.760300E+03 3.8834506E+02 3.8578705E+02 3.8270477E+02 3.8214771E+02
3.9854340E+02 3.9861823E+02 3.9936923E+02
1.765300E+03 3.8827399E+02 3.8708963E+02 3.8522513E+02 3.8496924E+02
3.9828568E+02 3.9829111E+02 3.9889938E+02

1.770300E+03 3.8780368E+02 3.8737741E+02 3.8596719E+02 3.8571149E+02
3.9865030E+02 3.9882361E+02 3.9921603E+02
1.775300E+03 3.8749033E+02 3.8701651E+02 3.8683862E+02 3.8682883E+02
3.9919513E+02 3.9936432E+02 3.9922571E+02
1.780300E+03 3.9202380E+02 3.8970038E+02 3.8819147E+02 3.8806879E+02
3.9852408E+02 3.9852420E+02 3.9947565E+02
1.785300E+03 3.9199142E+02 3.9011139E+02 3.8862363E+02 3.8822498E+02
3.9811597E+02 3.9811914E+02 3.9973798E+02
1.790312E+03 3.9113980E+02 3.8979214E+02 3.8841367E+02 3.8758707E+02
3.9790369E+02 3.9790665E+02 3.9923071E+02
1.795348E+03 3.9037833E+02 3.8997330E+02 3.8870798E+02 3.8840808E+02
3.9796747E+02 3.9796481E+02 3.9966748E+02
1.800348E+03 3.8477881E+02 3.8889624E+02 3.8907343E+02 3.8906488E+02
3.9786719E+02 3.9786487E+02 3.9926566E+02
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3.9783017E+02 3.9783292E+02 3.9937741E+02
1.810392E+03 3.8188217E+02 3.8728497E+02 3.8862451E+02 3.8877771E+02
3.9787637E+02 3.9787982E+02 3.9926553E+02
1.815392E+03 3.7876035E+02 3.8533920E+02 3.8781369E+02 3.8825128E+02
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3.9779657E+02 3.9779938E+02 3.9907910E+02
1.830440E+03 3.7868750E+02 3.8427512E+02 3.8697565E+02 3.8774207E+02
3.9777240E+02 3.9777582E+02 3.9905655E+02
1.835440E+03 3.8012314E+02 3.8458490E+02 3.8701758E+02 3.8786703E+02
3.9775555E+02 3.9776074E+02 3.9904825E+02
1.840440E+03 3.7950980E+02 3.8439139E+02 3.8686343E+02 3.8771942E+02
3.9770648E+02 3.9771655E+02 3.9919876E+02
1.845440E+03 3.8000256E+02 3.8447366E+02 3.8694046E+02 3.8780869E+02
3.9769797E+02 3.9773947E+02 3.9911490E+02
1.850440E+03 3.7948035E+02 3.8442462E+02 3.8679434E+02 3.8770572E+02
3.9769150E+02 3.9773846E+02 3.9895813E+02
1.855440E+03 3.8001724E+02 3.8448004E+02 3.8682098E+02 3.8778961E+02
3.9769852E+02 3.9774780E+02 3.9891510E+02
1.860440E+03 3.7762946E+02 3.8391226E+02 3.8642172E+02 3.8724496E+02
3.9767020E+02 3.9767221E+02 3.9888055E+02
1.865440E+03 3.7744025E+02 3.8379984E+02 3.8634158E+02 3.8730807E+02
3.9771503E+02 3.9772879E+02 3.9912704E+02
1.870459E+03 3.7851462E+02 3.8400760E+02 3.8648373E+02 3.8745258E+02
3.9771521E+02 3.9778128E+02 3.9941272E+02
1.875459E+03 3.7699374E+02 3.8371155E+02 3.8624689E+02 3.8718997E+02
3.9771515E+02 3.9775397E+02 3.9894666E+02
1.880459E+03 3.7747888E+02 3.8369409E+02 3.8626773E+02 3.8739529E+02
3.9770407E+02 3.9776501E+02 3.9872397E+02
1.885502E+03 3.7709421E+02 3.8363159E+02 3.8612497E+02 3.8733954E+02
3.9770862E+02 3.9774774E+02 3.9867422E+02
1.890502E+03 3.7580667E+02 3.8329153E+02 3.8597089E+02 3.8703241E+02
3.9773291E+02 3.9775745E+02 3.9886197E+02
1.895548E+03 3.7579587E+02 3.8331195E+02 3.8600937E+02 3.8716153E+02
3.9776572E+02 3.9781351E+02 3.9942776E+02
1.900587E+03 3.7109000E+02 3.8202478E+02 3.8534525E+02 3.8625821E+02
3.9776675E+02 3.9776306E+02 3.9888519E+02
1.905594E+03 3.6942010E+02 3.8099527E+02 3.8495050E+02 3.8616574E+02
3.9775735E+02 3.9775470E+02 3.9869855E+02

1.910599E+03	3.7233578E+02	3.8122083E+02	3.8504010E+02	3.8638303E+02
3.9781564E+02	3.9784570E+02	3.9851575E+02		
1.915604E+03	3.7040500E+02	3.8074548E+02	3.8471573E+02	3.8608554E+02
3.9778854E+02	3.9778751E+02	3.9849423E+02		
1.920619E+03	3.7200223E+02	3.8105661E+02	3.8477817E+02	3.8633777E+02
3.9774756E+02	3.9777744E+02	3.9842581E+02		
1.925623E+03	3.7059671E+02	3.8056564E+02	3.8462402E+02	3.8592496E+02
3.9776306E+02	3.9779010E+02	3.9873929E+02		
1.930635E+03	3.7137714E+02	3.8067758E+02	3.8451602E+02	3.8613318E+02
3.9772446E+02	3.9780197E+02	3.9857263E+02		
1.935664E+03	3.6901407E+02	3.7998242E+02	3.8423102E+02	3.8559601E+02
3.9773294E+02	3.9776202E+02	3.9817068E+02		
1.940709E+03	3.7047342E+02	3.8016367E+02	3.8424716E+02	3.8576047E+02
3.9774582E+02	3.9776251E+02	3.9805634E+02		
1.945709E+03	3.7021436E+02	3.8011588E+02	3.8430527E+02	3.8605228E+02
3.9775879E+02	3.9776160E+02	3.9844293E+02		
1.950755E+03	3.7029147E+02	3.7987540E+02	3.8415491E+02	3.8582840E+02
3.9775204E+02	3.9777380E+02	3.9844794E+02		
1.955762E+03	3.6902167E+02	3.7940173E+02	3.8387857E+02	3.8540671E+02
3.9774893E+02	3.9776917E+02	3.9767841E+02		
1.960784E+03	3.6874323E+02	3.7931589E+02	3.8365765E+02	3.8525500E+02
3.9769427E+02	3.9771057E+02	3.9748685E+02		
1.965832E+03	3.6878912E+02	3.7908890E+02	3.8360370E+02	3.8523010E+02
3.9768759E+02	3.9768567E+02	3.9727899E+02		
1.970878E+03	3.6893887E+02	3.7914133E+02	3.8344742E+02	3.8555582E+02
3.9768787E+02	3.9771506E+02	3.9804019E+02		
1.975889E+03	3.6932022E+02	3.7886066E+02	3.8339719E+02	3.8530139E+02
3.9769266E+02	3.9775079E+02	3.9707260E+02		
1.980934E+03	3.6969360E+02	3.7892514E+02	3.8311380E+02	3.8714697E+02
3.9783005E+02	3.9791385E+02	3.9660941E+02		
1.985934E+03	3.6888470E+02	3.7840036E+02	3.8313782E+02	3.8371262E+02
3.9970029E+02	3.9704404E+02	3.9700522E+02		
1.990934E+03	3.5617639E+02	3.5233350E+02	3.5458450E+02	3.5551437E+02
3.9897357E+02	3.9765411E+02	3.9887024E+02		
1.995934E+03	3.7118964E+02	3.6287692E+02	3.5796567E+02	3.5732700E+02
3.9882132E+02	3.9881964E+02	3.9882361E+02		
2.000034E+03	3.7395239E+02	3.6600873E+02	3.6105167E+02	3.6020831E+02
3.9873752E+02	3.9881601E+02	3.9913657E+02		

TIME (sec)	TSAT991802	TSAT991702	TSAT991602	TSAT991801
TSAT991701	TSAT991601	TSAT992103		
1.000000E-10	5.6060260E+02	5.6061707E+02	5.6071259E+02	5.6060260E+02
5.6061707E+02	5.6071259E+02	5.6054175E+02		
1.003469E-01	5.6052637E+02	5.6053766E+02	5.6061243E+02	5.6052661E+02
5.6053864E+02	5.6061469E+02	5.6047296E+02		
2.016405E-01	5.6051166E+02	5.6052423E+02	5.6062006E+02	5.6051166E+02
5.6052509E+02	5.6062109E+02	5.6045074E+02		
3.143499E-01	5.6046198E+02	5.6047351E+02	5.6056769E+02	5.6046198E+02
5.6047467E+02	5.6056885E+02	5.6040179E+02		
4.176774E-01	5.6041058E+02	5.6042102E+02	5.6051465E+02	5.6041058E+02
5.6042242E+02	5.6051624E+02	5.6035065E+02		
5.179474E-01	5.6036554E+02	5.6037524E+02	5.6046954E+02	5.6036554E+02
5.6037671E+02	5.6047076E+02	5.6030560E+02		
6.236274E-01	5.6031470E+02	5.6032312E+02	5.6041620E+02	5.6031464E+02
5.6032477E+02	5.6041791E+02	5.6025549E+02		
7.657229E-01	5.6023694E+02	5.6024420E+02	5.6033759E+02	5.6023694E+02
5.6024597E+02	5.6033929E+02	5.6017798E+02		

8.878756E-01	5.6016925E+02	5.6017493E+02	5.6026831E+02	5.6016925E+02
5.6017676E+02	5.6027008E+02	5.6011078E+02		
9.933645E-01	5.6011169E+02	5.6011615E+02	5.6021033E+02	5.6011163E+02
5.6011780E+02	5.6021167E+02	5.6005347E+02		
1.524044E+00	5.5984100E+02	5.5984412E+02	5.5992987E+02	5.5984155E+02
5.5984479E+02	5.5993207E+02	5.5978571E+02		
2.030162E+00	5.5957715E+02	5.5957959E+02	5.5965967E+02	5.5957800E+02
5.5958093E+02	5.5966187E+02	5.5952783E+02		
2.550346E+00	5.5922272E+02	5.5922675E+02	5.5929498E+02	5.5922296E+02
5.5922711E+02	5.5929639E+02	5.5917682E+02		
3.062366E+00	5.5888000E+02	5.5888403E+02	5.5894843E+02	5.5888037E+02
5.5888458E+02	5.5894678E+02	5.5883850E+02		
3.562366E+00	5.5821301E+02	5.5821698E+02	5.5827911E+02	5.5821350E+02
5.5821783E+02	5.5827618E+02	5.5817444E+02		
4.082775E+00	5.5737317E+02	5.5737720E+02	5.5743475E+02	5.5737347E+02
5.5737769E+02	5.5743488E+02	5.5733582E+02		
4.604100E+00	5.5660754E+02	5.5661157E+02	5.5666498E+02	5.5660779E+02
5.5661188E+02	5.5666614E+02	5.5657410E+02		
5.125216E+00	5.5589728E+02	5.5590112E+02	5.5594983E+02	5.5589746E+02
5.5590149E+02	5.5595044E+02	5.5586639E+02		
5.625216E+00	5.5526477E+02	5.5526898E+02	5.5530438E+02	5.5526477E+02
5.5526874E+02	5.5531030E+02	5.5523657E+02		
6.125216E+00	5.5469275E+02	5.5469647E+02	5.5472583E+02	5.5469269E+02
5.5469659E+02	5.5472711E+02	5.5466730E+02		
6.625216E+00	5.5416772E+02	5.5417181E+02	5.5418372E+02	5.5416754E+02
5.5417133E+02	5.5418903E+02	5.5414453E+02		
7.125216E+00	5.5371564E+02	5.5371973E+02	5.5372443E+02	5.5371552E+02
5.5371954E+02	5.5372382E+02	5.5369446E+02		
7.625216E+00	5.5335132E+02	5.5335571E+02	5.5336035E+02	5.5335114E+02
5.5335547E+02	5.5335974E+02	5.5333002E+02		
8.125216E+00	5.5303973E+02	5.5304382E+02	5.5304846E+02	5.5303967E+02
5.5304376E+02	5.5304797E+02	5.5302057E+02		
8.625216E+00	5.5286084E+02	5.5286505E+02	5.5286993E+02	5.5286066E+02
5.5286469E+02	5.5286884E+02	5.5284204E+02		
9.146049E+00	5.5297858E+02	5.5298267E+02	5.5298926E+02	5.5297852E+02
5.5298248E+02	5.5298676E+02	5.5295972E+02		
9.646049E+00	5.5319812E+02	5.5320190E+02	5.5320752E+02	5.5319812E+02
5.5320184E+02	5.5320618E+02	5.5317932E+02		
1.014605E+01	5.5332562E+02	5.5332953E+02	5.5333466E+02	5.5332562E+02
5.5332953E+02	5.5333398E+02	5.5330615E+02		
1.064605E+01	5.5331299E+02	5.5331683E+02	5.5332153E+02	5.5331299E+02
5.5331689E+02	5.5332135E+02	5.5329346E+02		
1.114605E+01	5.5317242E+02	5.5317627E+02	5.5318097E+02	5.5317242E+02
5.5317627E+02	5.5318079E+02	5.5315295E+02		
1.164605E+01	5.5305652E+02	5.5306018E+02	5.5306476E+02	5.5305664E+02
5.5306036E+02	5.5306488E+02	5.5303809E+02		
1.214605E+01	5.5285303E+02	5.5285687E+02	5.5286169E+02	5.5285321E+02
5.5285718E+02	5.5286182E+02	5.5283472E+02		
1.264605E+01	5.5255200E+02	5.5255591E+02	5.5256110E+02	5.5255243E+02
5.5255652E+02	5.5256165E+02	5.5253339E+02		
1.314605E+01	5.5228363E+02	5.5228760E+02	5.5229352E+02	5.5228381E+02
5.5228802E+02	5.5229327E+02	5.5226331E+02		
1.364605E+01	5.5173029E+02	5.5173419E+02	5.5174042E+02	5.5173065E+02
5.5173456E+02	5.5173981E+02	5.5170929E+02		
1.414605E+01	5.5118524E+02	5.5118860E+02	5.5119482E+02	5.5118555E+02
5.5118915E+02	5.5119440E+02	5.5116534E+02		

1.464605E+01	5.5053534E+02	5.5053857E+02	5.5054376E+02	5.5053558E+02
5.5053912E+02	5.5054413E+02	5.5051581E+02		
1.514605E+01	5.4983417E+02	5.4983777E+02	5.4984229E+02	5.4983429E+02
5.4983795E+02	5.4984259E+02	5.4981445E+02		
1.564605E+01	5.4915704E+02	5.4915991E+02	5.4916815E+02	5.4915784E+02
5.4916150E+02	5.4916669E+02	5.4913928E+02		
1.614605E+01	5.4850031E+02	5.4850415E+02	5.4850891E+02	5.4850055E+02
5.4850439E+02	5.4850909E+02	5.4848090E+02		
1.664605E+01	5.4785199E+02	5.4785577E+02	5.4786066E+02	5.4785223E+02
5.4785608E+02	5.4786078E+02	5.4783246E+02		
1.714605E+01	5.4720062E+02	5.4720428E+02	5.4720929E+02	5.4720081E+02
5.4720459E+02	5.4720941E+02	5.4718097E+02		
1.764605E+01	5.4656836E+02	5.4657202E+02	5.4657690E+02	5.4656854E+02
5.4657227E+02	5.4657690E+02	5.4654895E+02		
1.814605E+01	5.4602289E+02	5.4602649E+02	5.4603162E+02	5.4602307E+02
5.4602673E+02	5.4603149E+02	5.4600342E+02		
1.864605E+01	5.4540082E+02	5.4540381E+02	5.4540863E+02	5.4540143E+02
5.4540472E+02	5.4540936E+02	5.4538312E+02		
1.914605E+01	5.4486554E+02	5.4486920E+02	5.4487543E+02	5.4486591E+02
5.4486975E+02	5.4487476E+02	5.4484540E+02		
1.964605E+01	5.4439496E+02	5.4439862E+02	5.4440509E+02	5.4439539E+02
5.4439929E+02	5.4440448E+02	5.4437463E+02		
2.014605E+01	5.4393201E+02	5.4393573E+02	5.4394244E+02	5.4393250E+02
5.4393665E+02	5.4394183E+02	5.4391132E+02		
2.064605E+01	5.4352496E+02	5.4352881E+02	5.4353577E+02	5.4352551E+02
5.4352979E+02	5.4353510E+02	5.4350403E+02		
2.114605E+01	5.4315967E+02	5.4316370E+02	5.4317090E+02	5.4316022E+02
5.4316479E+02	5.4317010E+02	5.4313843E+02		
2.164605E+01	5.4282520E+02	5.4282941E+02	5.4283661E+02	5.4282581E+02
5.4283044E+02	5.4283588E+02	5.4280383E+02		
2.214605E+01	5.4254053E+02	5.4254474E+02	5.4255212E+02	5.4254114E+02
5.4254596E+02	5.4255139E+02	5.4251904E+02		
2.266648E+01	5.4225342E+02	5.4225775E+02	5.4226495E+02	5.4225397E+02
5.4225891E+02	5.4226434E+02	5.4223193E+02		
2.318409E+01	5.4197571E+02	5.4198010E+02	5.4198730E+02	5.4197620E+02
5.4198120E+02	5.4198663E+02	5.4195428E+02		
2.368409E+01	5.4171716E+02	5.4172150E+02	5.4172858E+02	5.4171771E+02
5.4172247E+02	5.4172797E+02	5.4169604E+02		
2.418409E+01	5.4142114E+02	5.4142554E+02	5.4143219E+02	5.4142163E+02
5.4142651E+02	5.4143188E+02	5.4139990E+02		
2.468420E+01	5.4112610E+02	5.4113037E+02	5.4113763E+02	5.4112671E+02
5.4113141E+02	5.4113684E+02	5.4110461E+02		
2.518866E+01	5.4080835E+02	5.4081250E+02	5.4081995E+02	5.4080902E+02
5.4081360E+02	5.4081927E+02	5.4078668E+02		
2.570592E+01	5.4048181E+02	5.4048596E+02	5.4049335E+02	5.4048248E+02
5.4048712E+02	5.4049268E+02	5.4045990E+02		
2.622136E+01	5.4014954E+02	5.4015387E+02	5.4016101E+02	5.4015015E+02
5.4015497E+02	5.4016046E+02	5.4012738E+02		
2.673972E+01	5.3984686E+02	5.3985138E+02	5.3985840E+02	5.3984753E+02
5.3985248E+02	5.3985797E+02	5.3982458E+02		
2.724740E+01	5.3955505E+02	5.3955957E+02	5.3956647E+02	5.3955573E+02
5.3956079E+02	5.3956616E+02	5.3953284E+02		
2.776852E+01	5.3925586E+02	5.3926062E+02	5.3926733E+02	5.3925647E+02
5.3926172E+02	5.3926709E+02	5.3923383E+02		
2.828743E+01	5.3895013E+02	5.3895490E+02	5.3896155E+02	5.3895068E+02
5.3895599E+02	5.3896136E+02	5.3892804E+02		

2.878743E+01	5.3864954E+02	5.3865436E+02	5.3866089E+02	5.3865009E+02
5.3865540E+02	5.3866064E+02	5.3862720E+02		
2.928743E+01	5.3834235E+02	5.3834729E+02	5.3835376E+02	5.3834296E+02
5.3834827E+02	5.3835358E+02	5.3831995E+02		
2.978743E+01	5.3803210E+02	5.3803711E+02	5.3804346E+02	5.3803271E+02
5.3803815E+02	5.3804333E+02	5.3800940E+02		
3.028743E+01	5.3771857E+02	5.3772369E+02	5.3772998E+02	5.3771912E+02
5.3772473E+02	5.3772992E+02	5.3769562E+02		
3.078743E+01	5.3740332E+02	5.3740869E+02	5.3741498E+02	5.3740393E+02
5.3740967E+02	5.3741492E+02	5.3738019E+02		
3.128743E+01	5.3708997E+02	5.3709534E+02	5.3710162E+02	5.3709052E+02
5.3709644E+02	5.3710162E+02	5.3706659E+02		
3.178743E+01	5.3676215E+02	5.3676764E+02	5.3677399E+02	5.3676263E+02
5.3676874E+02	5.3677393E+02	5.3673846E+02		
3.228743E+01	5.3643152E+02	5.3643719E+02	5.3644348E+02	5.3643201E+02
5.3643817E+02	5.3644342E+02	5.3640759E+02		
3.278743E+01	5.3610223E+02	5.3610797E+02	5.3611432E+02	5.3610272E+02
5.3610895E+02	5.3611414E+02	5.3607800E+02		
3.328743E+01	5.3576917E+02	5.3577502E+02	5.3578143E+02	5.3576965E+02
5.3577594E+02	5.3578125E+02	5.3574481E+02		
3.378743E+01	5.3547577E+02	5.3548157E+02	5.3548798E+02	5.3547638E+02
5.3548267E+02	5.3548792E+02	5.3545184E+02		
3.428743E+01	5.3514709E+02	5.3515314E+02	5.3515948E+02	5.3514758E+02
5.3515405E+02	5.3515930E+02	5.3512262E+02		
3.478743E+01	5.3476813E+02	5.3477423E+02	5.3478082E+02	5.3476868E+02
5.3477527E+02	5.3478052E+02	5.3474329E+02		
3.528743E+01	5.3436792E+02	5.3437421E+02	5.3438080E+02	5.3436853E+02
5.3437524E+02	5.3438055E+02	5.3434265E+02		
3.578743E+01	5.3395239E+02	5.3395898E+02	5.3396588E+02	5.3395331E+02
5.3396069E+02	5.3396643E+02	5.3392651E+02		
3.628743E+01	5.3353845E+02	5.3354498E+02	5.3355243E+02	5.3353906E+02
5.3354633E+02	5.3355176E+02	5.3351263E+02		
3.678743E+01	5.3313831E+02	5.3314478E+02	5.3315216E+02	5.3313885E+02
5.3314612E+02	5.3315161E+02	5.3311261E+02		
3.728743E+01	5.3274750E+02	5.3275391E+02	5.3276044E+02	5.3274792E+02
5.3275500E+02	5.3276038E+02	5.3272174E+02		
3.778743E+01	5.3234723E+02	5.3235352E+02	5.3235919E+02	5.3234760E+02
5.3235437E+02	5.3235962E+02	5.3232166E+02		
3.830806E+01	5.3193146E+02	5.3193768E+02	5.3194293E+02	5.3193176E+02
5.3193835E+02	5.3194348E+02	5.3190613E+02		
3.880806E+01	5.3152618E+02	5.3153235E+02	5.3153723E+02	5.3152649E+02
5.3153296E+02	5.3153796E+02	5.3150092E+02		
3.930806E+01	5.3112061E+02	5.3112671E+02	5.3113153E+02	5.3112091E+02
5.3112726E+02	5.3113220E+02	5.3109528E+02		
3.983299E+01	5.3069592E+02	5.3070190E+02	5.3070667E+02	5.3069623E+02
5.3070245E+02	5.3070746E+02	5.3067078E+02		
4.034888E+01	5.3026154E+02	5.3026801E+02	5.3027356E+02	5.3026160E+02
5.3026813E+02	5.3027319E+02	5.3023254E+02		
4.086869E+01	5.2985101E+02	5.2985706E+02	5.2986243E+02	5.2985120E+02
5.2985736E+02	5.2986243E+02	5.2982318E+02		
4.137451E+01	5.2945752E+02	5.2946350E+02	5.2946893E+02	5.2945782E+02
5.2946405E+02	5.2946912E+02	5.2943054E+02		
4.188536E+01	5.2904749E+02	5.2905341E+02	5.2905951E+02	5.2904779E+02
5.2905396E+02	5.2905902E+02	5.2902081E+02		
4.239460E+01	5.2863391E+02	5.2863971E+02	5.2864893E+02	5.2863428E+02
5.2864038E+02	5.2864545E+02	5.2860760E+02		

4.290141E+01 5.2820703E+02 5.2821277E+02 5.2822205E+02 5.2820740E+02
5.2821350E+02 5.2821857E+02 5.2818103E+02
4.340367E+01 5.2777094E+02 5.2777661E+02 5.2778448E+02 5.2777136E+02
5.2777753E+02 5.2778271E+02 5.2774493E+02
4.391029E+01 5.2735437E+02 5.2736011E+02 5.2736505E+02 5.2735480E+02
5.2736096E+02 5.2736609E+02 5.2732855E+02
4.442013E+01 5.2692908E+02 5.2693488E+02 5.2693970E+02 5.2692950E+02
5.2693579E+02 5.2694092E+02 5.2690326E+02
4.493227E+01 5.2649591E+02 5.2650165E+02 5.2650653E+02 5.2649628E+02
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4.593893E+01 5.2565332E+02 5.2565918E+02 5.2566406E+02 5.2565363E+02
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5.2489587E+02 5.2490070E+02 5.2486383E+02
4.745940E+01 5.2451849E+02 5.2452441E+02 5.2452942E+02 5.2451868E+02
5.2452478E+02 5.2452954E+02 5.2449310E+02
4.797015E+01 5.2414642E+02 5.2415228E+02 5.2415723E+02 5.2414661E+02
5.2415265E+02 5.2415747E+02 5.2412103E+02
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5.2308606E+02 5.2309094E+02 5.2305719E+02
4.999225E+01 5.2269531E+02 5.2270111E+02 5.2271112E+02 5.2269482E+02
5.2270062E+02 5.2270544E+02 5.2266882E+02
5.049424E+01 5.2238916E+02 5.2239368E+02 5.2240363E+02 5.2238971E+02
5.2239484E+02 5.2239996E+02 5.2236719E+02
5.099622E+01 5.2202789E+02 5.2203174E+02 5.2204144E+02 5.2202844E+02
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5.149626E+01 5.2166071E+02 5.2166382E+02 5.2166992E+02 5.2166162E+02
5.2166553E+02 5.2167065E+02 5.2164111E+02
5.199947E+01 5.2130780E+02 5.2131097E+02 5.2131586E+02 5.2130835E+02
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5.758298E+01 5.1757996E+02 5.1758258E+02 5.1758771E+02 5.1757996E+02
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5.860656E+01 5.1695636E+02 5.1695905E+02 5.1696460E+02 5.1695630E+02
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5.912025E+01 5.1664893E+02 5.1665161E+02 5.1665820E+02 5.1664899E+02
5.1665228E+02 5.1665778E+02 5.1662769E+02
5.962025E+01 5.1635474E+02 5.1635718E+02 5.1636530E+02 5.1635486E+02
5.1635815E+02 5.1636383E+02 5.1633362E+02
6.012025E+01 5.1605957E+02 5.1606195E+02 5.1607056E+02 5.1605981E+02
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5.1576294E+02 5.1576898E+02 5.1573871E+02
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5.1514777E+02 5.1515369E+02 5.1512518E+02
6.212025E+01 5.1482800E+02 5.1483063E+02 5.1483685E+02 5.1482819E+02
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5.1383258E+02 5.1383783E+02 5.1380914E+02
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5.1134955E+02 5.1135385E+02 5.1132767E+02
6.770707E+01 5.1100946E+02 5.1101239E+02 5.1101630E+02 5.1100958E+02
5.1101251E+02 5.1101663E+02 5.1099094E+02
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6.922510E+01 5.0999600E+02 5.0999896E+02 5.1000354E+02 5.0999619E+02
5.0999927E+02 5.1000342E+02 5.0997745E+02
6.973701E+01 5.0962714E+02 5.0963016E+02 5.0963394E+02 5.0962723E+02
5.0963031E+02 5.0963425E+02 5.0960849E+02
7.023885E+01 5.0926154E+02 5.0926456E+02 5.0926846E+02 5.0926169E+02
5.0926480E+02 5.0926859E+02 5.0924323E+02
7.074079E+01 5.0890433E+02 5.0890744E+02 5.0891232E+02 5.0890457E+02
5.0890781E+02 5.0891180E+02 5.0888571E+02

7.124079E+01	5.0853366E+02	5.0853683E+02	5.0854071E+02	5.0853381E+02
5.0853702E+02	5.0854086E+02	5.0851483E+02		
7.175066E+01	5.0815289E+02	5.0815610E+02	5.0815997E+02	5.0815311E+02
5.0815643E+02	5.0816037E+02	5.0813385E+02		
7.227091E+01	5.0776471E+02	5.0776797E+02	5.0777194E+02	5.0776486E+02
5.0776822E+02	5.0777219E+02	5.0774530E+02		
7.277091E+01	5.0741827E+02	5.0742139E+02	5.0742593E+02	5.0741852E+02
5.0742172E+02	5.0742587E+02	5.0739893E+02		
7.327091E+01	5.0707181E+02	5.0707468E+02	5.0708237E+02	5.0707202E+02
5.0707520E+02	5.0707962E+02	5.0705188E+02		
7.377091E+01	5.0673605E+02	5.0673880E+02	5.0674878E+02	5.0673642E+02
5.0673950E+02	5.0674448E+02	5.0671585E+02		
7.427091E+01	5.0647937E+02	5.0648218E+02	5.0649344E+02	5.0647964E+02
5.0648276E+02	5.0648798E+02	5.0645901E+02		
7.478299E+01	5.0607880E+02	5.0608105E+02	5.0609299E+02	5.0607971E+02
5.0608316E+02	5.0608978E+02	5.0605576E+02		
7.528299E+01	5.0562006E+02	5.0562225E+02	5.0563184E+02	5.0562064E+02
5.0562354E+02	5.0562930E+02	5.0559866E+02		
7.578299E+01	5.0517258E+02	5.0517496E+02	5.0518701E+02	5.0517310E+02
5.0517624E+02	5.0518243E+02	5.0515036E+02		
7.628299E+01	5.0473486E+02	5.0473703E+02	5.0474622E+02	5.0473547E+02
5.0473846E+02	5.0474481E+02	5.0471313E+02		
7.678299E+01	5.0430545E+02	5.0430762E+02	5.0431439E+02	5.0430597E+02
5.0430890E+02	5.0431500E+02	5.0428381E+02		
7.728299E+01	5.0387625E+02	5.0387860E+02	5.0388245E+02	5.0387662E+02
5.0387946E+02	5.0388507E+02	5.0385461E+02		
7.778299E+01	5.0345377E+02	5.0345618E+02	5.0346027E+02	5.0345407E+02
5.0345694E+02	5.0346234E+02	5.0343207E+02		
7.830791E+01	5.0302325E+02	5.0302567E+02	5.0303012E+02	5.0302371E+02
5.0302664E+02	5.0303204E+02	5.0300183E+02		
7.880791E+01	5.0262469E+02	5.0262714E+02	5.0263159E+02	5.0262503E+02
5.0262790E+02	5.0263309E+02	5.0260333E+02		
7.930791E+01	5.0222614E+02	5.0222845E+02	5.0223648E+02	5.0222659E+02
5.0222952E+02	5.0223486E+02	5.0220483E+02		
7.980791E+01	5.0182974E+02	5.0183194E+02	5.0184161E+02	5.0183032E+02
5.0183325E+02	5.0183890E+02	5.0180862E+02		
8.030791E+01	5.0143481E+02	5.0143698E+02	5.0144611E+02	5.0143546E+02
5.0143839E+02	5.0144421E+02	5.0141376E+02		
8.080791E+01	5.0104584E+02	5.0104800E+02	5.0105612E+02	5.0104645E+02
5.0104935E+02	5.0105521E+02	5.0102478E+02		
8.130791E+01	5.0066116E+02	5.0066336E+02	5.0067050E+02	5.0066177E+02
5.0066467E+02	5.0067050E+02	5.0064011E+02		
8.180791E+01	5.0027951E+02	5.0028177E+02	5.0028748E+02	5.0028000E+02
5.0028284E+02	5.0028851E+02	5.0025845E+02		
8.230791E+01	4.9989948E+02	4.9990173E+02	4.9990717E+02	4.9989990E+02
4.9990274E+02	4.9990823E+02	4.9987842E+02		
8.280791E+01	4.9952399E+02	4.9952634E+02	4.9953162E+02	4.9952432E+02
4.9952716E+02	4.9953250E+02	4.9950281E+02		
8.330791E+01	4.9915158E+02	4.9915399E+02	4.9915848E+02	4.9915186E+02
4.9915466E+02	4.9915988E+02	4.9913040E+02		
8.380791E+01	4.9878003E+02	4.9878278E+02	4.9878818E+02	4.9878036E+02
4.9878360E+02	4.9878946E+02	4.9875803E+02		
8.430791E+01	4.9840323E+02	4.9840582E+02	4.9841156E+02	4.9840326E+02
4.9840652E+02	4.9841235E+02	4.9838147E+02		
8.483009E+01	4.9801401E+02	4.9801669E+02	4.9802228E+02	4.9801382E+02
4.9801709E+02	4.9802280E+02	4.9799200E+02		

8.533189E+01	4.9764139E+02	4.9764380E+02	4.9764941E+02	4.9764151E+02
4.9764462E+02	4.9765033E+02	4.9762036E+02		
8.583189E+01	4.9727097E+02	4.9727344E+02	4.9727917E+02	4.9727109E+02
4.9727414E+02	4.9727972E+02	4.9724991E+02		
8.634407E+01	4.9689520E+02	4.9689761E+02	4.9690445E+02	4.9689542E+02
4.9689844E+02	4.9690402E+02	4.9687436E+02		
8.686680E+01	4.9651746E+02	4.9652011E+02	4.9652667E+02	4.9651736E+02
4.9652045E+02	4.9652582E+02	4.9649585E+02		
8.738983E+01	4.9612628E+02	4.9612909E+02	4.9613559E+02	4.9612607E+02
4.9612912E+02	4.9613440E+02	4.9610413E+02		
8.789572E+01	4.9574622E+02	4.9574847E+02	4.9575632E+02	4.9574683E+02
4.9574979E+02	4.9575546E+02	4.9572617E+02		
8.841684E+01	4.9532886E+02	4.9533414E+02	4.9535031E+02	4.9532932E+02
4.9533389E+02	4.9533987E+02	4.9529663E+02		
8.892328E+01	4.9499728E+02	4.9499969E+02	4.9500861E+02	4.9499725E+02
4.9500052E+02	4.9500662E+02	4.9496954E+02		
8.943372E+01	4.9465555E+02	4.9465768E+02	4.9466519E+02	4.9465573E+02
4.9465884E+02	4.9466501E+02	4.9463266E+02		
8.995622E+01	4.9426810E+02	4.9426987E+02	4.9428476E+02	4.9426859E+02
4.9427176E+02	4.9427884E+02	4.9424725E+02		
9.045622E+01	4.9390588E+02	4.9390759E+02	4.9392154E+02	4.9390643E+02
4.9390948E+02	4.9391736E+02	4.9388531E+02		
9.096755E+01	4.9354324E+02	4.9354568E+02	4.9355783E+02	4.9354346E+02
4.9354666E+02	4.9355429E+02	4.9352127E+02		
9.146755E+01	4.9320264E+02	4.9320486E+02	4.9321002E+02	4.9320288E+02
4.9320581E+02	4.9321292E+02	4.9318140E+02		
9.196755E+01	4.9286197E+02	4.9286432E+02	4.9286899E+02	4.9286206E+02
4.9286502E+02	4.9287131E+02	4.9284055E+02		
9.248622E+01	4.9250677E+02	4.9250897E+02	4.9251416E+02	4.9250714E+02
4.9251007E+02	4.9251627E+02	4.9248605E+02		
9.299437E+01	4.9216467E+02	4.9216699E+02	4.9217200E+02	4.9216483E+02
4.9216772E+02	4.9217355E+02	4.9214362E+02		
9.350123E+01	4.9180566E+02	4.9180792E+02	4.9181433E+02	4.9180585E+02
4.9180872E+02	4.9181445E+02	4.9178476E+02		
9.401919E+01	4.9142770E+02	4.9143008E+02	4.9143869E+02	4.9142783E+02
4.9143082E+02	4.9143683E+02	4.9140607E+02		
9.453943E+01	4.9105911E+02	4.9106143E+02	4.9106915E+02	4.9105927E+02
4.9106219E+02	4.9106824E+02	4.9103778E+02		
9.504118E+01	4.9071960E+02	4.9072180E+02	4.9072980E+02	4.9072000E+02
4.9072290E+02	4.9072913E+02	4.9069882E+02		
9.554896E+01	4.9036227E+02	4.9036435E+02	4.9037228E+02	4.9036279E+02
4.9036566E+02	4.9037198E+02	4.9034183E+02		
9.604896E+01	4.8999261E+02	4.8999460E+02	4.9000278E+02	4.8999313E+02
4.8999600E+02	4.9000232E+02	4.8997211E+02		
9.654896E+01	4.8963913E+02	4.8964117E+02	4.8964920E+02	4.8963965E+02
4.8964249E+02	4.8964886E+02	4.8961871E+02		
9.706335E+01	4.8926157E+02	4.8926376E+02	4.8927097E+02	4.8926181E+02
4.8926465E+02	4.8927081E+02	4.8924063E+02		
9.758144E+01	4.8889047E+02	4.8889267E+02	4.8889905E+02	4.8889081E+02
4.8889362E+02	4.8889963E+02	4.8886981E+02		
9.808710E+01	4.8853876E+02	4.8854102E+02	4.8854651E+02	4.8853903E+02
4.8854178E+02	4.8854742E+02	4.8851819E+02		
9.859486E+01	4.8820151E+02	4.8820389E+02	4.8820892E+02	4.8820175E+02
4.8820453E+02	4.8820996E+02	4.8818094E+02		
9.910259E+01	4.8786789E+02	4.8787033E+02	4.8787546E+02	4.8786801E+02
4.8787079E+02	4.8787598E+02	4.8784714E+02		

9.960883E+01	4.8753461E+02	4.8753705E+02	4.8754218E+02	4.8753473E+02
4.8753751E+02	4.8754257E+02	4.8751382E+02		
1.050470E+02	4.8431305E+02	4.8431558E+02	4.8432098E+02	4.8431308E+02
4.8431580E+02	4.8432065E+02	4.8429205E+02		
1.100490E+02	4.8138736E+02	4.8138913E+02	4.8139859E+02	4.8138800E+02
4.8139072E+02	4.8139767E+02	4.8136728E+02		
1.150536E+02	4.7833841E+02	4.7834082E+02	4.7834558E+02	4.7833856E+02
4.7834119E+02	4.7834601E+02	4.7831821E+02		
1.200844E+02	4.7543637E+02	4.7543875E+02	4.7544452E+02	4.7543652E+02
4.7543909E+02	4.7544418E+02	4.7541611E+02		
1.251066E+02	4.7265717E+02	4.7265948E+02	4.7266483E+02	4.7265729E+02
4.7265979E+02	4.7266489E+02	4.7263434E+02		
1.301141E+02	4.6935608E+02	4.6935828E+02	4.6936475E+02	4.6935635E+02
4.6935889E+02	4.6936420E+02	4.6933401E+02		
1.351283E+02	4.6657281E+02	4.6657498E+02	4.6658075E+02	4.6657300E+02
4.6657550E+02	4.6658087E+02	4.6655084E+02		
1.401329E+02	4.6422940E+02	4.6423157E+02	4.6423837E+02	4.6422958E+02
4.6423218E+02	4.6423807E+02	4.6420734E+02		
1.451352E+02	4.6199054E+02	4.6199277E+02	4.6199890E+02	4.6199075E+02
4.6199326E+02	4.6199887E+02	4.6196869E+02		
1.501399E+02	4.5962766E+02	4.5962976E+02	4.5963617E+02	4.5962799E+02
4.5963043E+02	4.5963617E+02	4.5960632E+02		
1.551709E+02	4.5715625E+02	4.5715839E+02	4.5716385E+02	4.5715646E+02
4.5715884E+02	4.5716425E+02	4.5713492E+02		
1.602165E+02	4.5488052E+02	4.5488266E+02	4.5488843E+02	4.5488077E+02
4.5488312E+02	4.5488837E+02	4.5485934E+02		
1.652350E+02	4.5286105E+02	4.5286319E+02	4.5286874E+02	4.5286121E+02
4.5286353E+02	4.5286874E+02	4.5284009E+02		
1.702598E+02	4.5110593E+02	4.5110797E+02	4.5111401E+02	4.5110617E+02
4.5110846E+02	4.5111407E+02	4.5108496E+02		
1.752735E+02	4.4905725E+02	4.4905927E+02	4.4906561E+02	4.4905750E+02
4.4905978E+02	4.4906589E+02	4.4903485E+02		
1.802951E+02	4.4683801E+02	4.4684021E+02	4.4684573E+02	4.4683820E+02
4.4684055E+02	4.4684564E+02	4.4681607E+02		
1.853119E+02	4.4482001E+02	4.4482208E+02	4.4482773E+02	4.4482025E+02
4.4482254E+02	4.4482825E+02	4.4479846E+02		
1.903279E+02	4.4296097E+02	4.4296301E+02	4.4297021E+02	4.4296127E+02
4.4296359E+02	4.4296991E+02	4.4293979E+02		
1.953564E+02	4.4130136E+02	4.4130353E+02	4.4130942E+02	4.4130154E+02
4.4130386E+02	4.4130939E+02	4.4128012E+02		
2.003570E+02	4.3976123E+02	4.3976337E+02	4.3976938E+02	4.3976144E+02
4.3976373E+02	4.3976944E+02	4.3974005E+02		
2.053755E+02	4.3836859E+02	4.3837076E+02	4.3837680E+02	4.3836880E+02
4.3837112E+02	4.3837695E+02	4.3834723E+02		
2.104183E+02	4.3675537E+02	4.3675748E+02	4.3676407E+02	4.3675565E+02
4.3675803E+02	4.3676382E+02	4.3673434E+02		
2.154335E+02	4.3533951E+02	4.3534164E+02	4.3534738E+02	4.3533975E+02
4.3534207E+02	4.3534756E+02	4.3531848E+02		
2.204606E+02	4.3393765E+02	4.3393985E+02	4.3394620E+02	4.3393787E+02
4.3394022E+02	4.3394568E+02	4.3391684E+02		
2.254792E+02	4.3253873E+02	4.3254095E+02	4.3254691E+02	4.3253891E+02
4.3254126E+02	4.3254669E+02	4.3251694E+02		
2.304864E+02	4.3107874E+02	4.3108084E+02	4.3108691E+02	4.3107901E+02
4.3108133E+02	4.3108710E+02	4.3105719E+02		
2.354968E+02	4.2977280E+02	4.2977481E+02	4.2978128E+02	4.2977310E+02
4.2977536E+02	4.2978143E+02	4.2975156E+02		

2.404991E+02 4.2852460E+02 4.2852670E+02 4.2853317E+02 4.2852484E+02
4.2852713E+02 4.2853305E+02 4.2850354E+02
2.455048E+02 4.2731964E+02 4.2732181E+02 4.2732794E+02 4.2731982E+02
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2.505233E+02 4.2628833E+02 4.2629034E+02 4.2629688E+02 4.2628860E+02
4.2629080E+02 4.2629700E+02 4.2626730E+02
2.555298E+02 4.2536282E+02 4.2536493E+02 4.2537195E+02 4.2536307E+02
4.2536533E+02 4.2537177E+02 4.2534204E+02
2.605788E+02 4.2442996E+02 4.2443204E+02 4.2443848E+02 4.2443024E+02
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4.2359647E+02 4.2360361E+02 4.2357355E+02
2.706539E+02 4.2275320E+02 4.2275534E+02 4.2276169E+02 4.2275342E+02
4.2275568E+02 4.2276138E+02 4.2273297E+02
2.756957E+02 4.2200821E+02 4.2201025E+02 4.2201651E+02 4.2200842E+02
4.2201068E+02 4.2201666E+02 4.2198776E+02
2.807159E+02 4.2135593E+02 4.2135806E+02 4.2136417E+02 4.2135611E+02
4.2135840E+02 4.2136420E+02 4.2133557E+02
2.857581E+02 4.2065802E+02 4.2066010E+02 4.2066632E+02 4.2065817E+02
4.2066043E+02 4.2066623E+02 4.2063770E+02
2.907736E+02 4.1998276E+02 4.1998495E+02 4.1999115E+02 4.1998291E+02
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2.957799E+02 4.1932190E+02 4.1932397E+02 4.1932935E+02 4.1932208E+02
4.1932431E+02 4.1932953E+02 4.1930185E+02
3.007857E+02 4.1865244E+02 4.1865451E+02 4.1866025E+02 4.1865262E+02
4.1865485E+02 4.1866031E+02 4.1863248E+02
3.058138E+02 4.1809909E+02 4.1810123E+02 4.1810654E+02 4.1809924E+02
4.1810153E+02 4.1810641E+02 4.1807935E+02
3.108138E+02 4.1748703E+02 4.1748911E+02 4.1749463E+02 4.1748718E+02
4.1748944E+02 4.1749463E+02 4.1746725E+02
3.158304E+02 4.1662817E+02 4.1663028E+02 4.1663528E+02 4.1662836E+02
4.1663058E+02 4.1663528E+02 4.1660861E+02
3.208480E+02 4.1564679E+02 4.1564893E+02 4.1565366E+02 4.1564694E+02
4.1564923E+02 4.1565347E+02 4.1562759E+02
3.258746E+02 4.1486343E+02 4.1486563E+02 4.1486972E+02 4.1486359E+02
4.1486591E+02 4.1486954E+02 4.1484393E+02
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4.1259036E+02 4.1259409E+02 4.1256879E+02
3.459233E+02 4.1200586E+02 4.1200803E+02 4.1201230E+02 4.1200604E+02
4.1200830E+02 4.1201221E+02 4.1198688E+02
3.509260E+02 4.1154950E+02 4.1155164E+02 4.1155591E+02 4.1154965E+02
4.1155191E+02 4.1155588E+02 4.1153030E+02
3.559283E+02 4.1105301E+02 4.1105518E+02 4.1105927E+02 4.1105316E+02
4.1105542E+02 4.1105923E+02 4.1103394E+02
3.609366E+02 4.1068259E+02 4.1068466E+02 4.1068912E+02 4.1068277E+02
4.1068500E+02 4.1068906E+02 4.1066364E+02
3.659482E+02 4.1030643E+02 4.1030844E+02 4.1031268E+02 4.1030664E+02
4.1030881E+02 4.1031284E+02 4.1028760E+02
3.709486E+02 4.0994931E+02 4.0995139E+02 4.0995578E+02 4.0994946E+02
4.0995166E+02 4.0995569E+02 4.0993024E+02
3.759580E+02 4.0967072E+02 4.0967285E+02 4.0967694E+02 4.0967087E+02
4.0967310E+02 4.0967694E+02 4.0965152E+02

3.809612E+02 4.0941382E+02 4.0941592E+02 4.0941995E+02 4.0941394E+02
4.0941614E+02 4.0941998E+02 4.0939459E+02
3.859788E+02 4.0925699E+02 4.0925909E+02 4.0926297E+02 4.0925714E+02
4.0925937E+02 4.0926303E+02 4.0923779E+02
3.910090E+02 4.0904324E+02 4.0904532E+02 4.0904916E+02 4.0904340E+02
4.0904559E+02 4.0904935E+02 4.0902408E+02
3.960181E+02 4.0877771E+02 4.0877985E+02 4.0878369E+02 4.0877783E+02
4.0878003E+02 4.0878378E+02 4.0875842E+02
4.010229E+02 4.0860229E+02 4.0860437E+02 4.0860831E+02 4.0860242E+02
4.0860461E+02 4.0860837E+02 4.0858301E+02
4.060714E+02 4.0849744E+02 4.0849951E+02 4.0850351E+02 4.0849753E+02
4.0849973E+02 4.0850354E+02 4.0847797E+02
4.111179E+02 4.0838956E+02 4.0839166E+02 4.0839578E+02 4.0838965E+02
4.0839185E+02 4.0839575E+02 4.0836996E+02
4.161518E+02 4.0835233E+02 4.0835443E+02 4.0835880E+02 4.0835245E+02
4.0835464E+02 4.0835870E+02 4.0833267E+02
4.211620E+02 4.0832629E+02 4.0832840E+02 4.0833301E+02 4.0832642E+02
4.0832861E+02 4.0833286E+02 4.0830658E+02
4.261913E+02 4.0831863E+02 4.0832071E+02 4.0832520E+02 4.0831873E+02
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4.0792773E+02 4.0793491E+02 4.0790265E+02
6.571367E+02 4.0745416E+02 4.0745673E+02 4.0746384E+02 4.0745398E+02
4.0745645E+02 4.0746350E+02 4.0743298E+02

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6.671806E+02	4.0727200E+02	4.0727399E+02	4.0728085E+02	4.0727213E+02
4.0727423E+02	4.0728119E+02	4.0725043E+02		
6.722262E+02	4.0725842E+02	4.0726059E+02	4.0726758E+02	4.0725821E+02
4.0726035E+02	4.0726703E+02	4.0723712E+02		
6.772686E+02	4.0677719E+02	4.0677924E+02	4.0678714E+02	4.0677722E+02
4.0677939E+02	4.0678738E+02	4.0675571E+02		
6.822707E+02	4.0677872E+02	4.0678098E+02	4.0678925E+02	4.0677866E+02
4.0678098E+02	4.0678897E+02	4.0675632E+02		
6.872923E+02	4.0639346E+02	4.0639557E+02	4.0640436E+02	4.0639346E+02
4.0639569E+02	4.0640427E+02	4.0637082E+02		
6.922954E+02	4.0640369E+02	4.0640582E+02	4.0641391E+02	4.0640375E+02
4.0640598E+02	4.0641394E+02	4.0638058E+02		
6.973051E+02	4.0640811E+02	4.0641025E+02	4.0641888E+02	4.0640817E+02
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4.0661304E+02	4.0662112E+02	4.0659024E+02		
7.073430E+02	4.0655298E+02	4.0655457E+02	4.0656470E+02	4.0655328E+02
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7.123453E+02	4.0718448E+02	4.0718661E+02	4.0719330E+02	4.0718457E+02
4.0718674E+02	4.0719327E+02	4.0716144E+02		
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7.474720E+02	4.0633038E+02	4.0633240E+02	4.0633966E+02	4.0633041E+02
4.0633255E+02	4.0634006E+02	4.0630783E+02		
7.524910E+02	4.0610611E+02	4.0610825E+02	4.0611487E+02	4.0610617E+02
4.0610834E+02	4.0611502E+02	4.0608325E+02		
7.575264E+02	4.0596054E+02	4.0596268E+02	4.0597061E+02	4.0596063E+02
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8.027863E+02 4.0562341E+02 4.0562527E+02 4.0562848E+02 4.0562347E+02
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9.434605E+02	4.0681265E+02	4.0684137E+02	4.0804770E+02	4.0682129E+02
4.0684872E+02	4.0807568E+02	4.0676431E+02		
9.484623E+02	4.0633893E+02	4.0644354E+02	4.0776013E+02	4.0633939E+02
4.0634958E+02	4.0769354E+02	4.0631512E+02		
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4.0621841E+02	4.0760889E+02	4.0618488E+02		
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4.0633566E+02	4.0744974E+02	4.0606204E+02		
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4.0590524E+02	4.0727658E+02	4.0587833E+02		
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4.0587704E+02	4.0718582E+02	4.0585287E+02		
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4.0569620E+02	4.0687335E+02	4.0563547E+02		
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4.0555405E+02	4.0691922E+02	4.0552225E+02		
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4.0551385E+02	4.0689633E+02	4.0548987E+02		
9.935714E+02	4.0566885E+02	4.0566629E+02	4.0696945E+02	4.0566870E+02
4.0567273E+02	4.0700308E+02	4.0564496E+02		
9.986208E+02	4.0546054E+02	4.0556265E+02	4.0677670E+02	4.0546545E+02
4.0579251E+02	4.0692252E+02	4.0543570E+02		
1.003653E+03	4.0538354E+02	4.0555029E+02	4.0677899E+02	4.0538324E+02
4.0559262E+02	4.0695105E+02	4.0536002E+02		
1.008698E+03	4.0533133E+02	4.0534027E+02	4.0672104E+02	4.0533087E+02
4.0539246E+02	4.0679736E+02	4.0530554E+02		
1.013703E+03	4.0541205E+02	4.0546432E+02	4.0681100E+02	4.0541193E+02
4.0541589E+02	4.0689734E+02	4.0538715E+02		
1.018708E+03	4.0524106E+02	4.0532379E+02	4.0665564E+02	4.0524115E+02
4.0523807E+02	4.0658295E+02	4.0521793E+02		
1.023737E+03	4.0512332E+02	4.0527087E+02	4.0650229E+02	4.0512320E+02
4.0518115E+02	4.0658621E+02	4.0509726E+02		
1.028787E+03	4.0506454E+02	4.0520190E+02	4.0657330E+02	4.0506448E+02
4.0514496E+02	4.0663718E+02	4.0503909E+02		
1.033812E+03	4.0514877E+02	4.0526202E+02	4.0656540E+02	4.0514874E+02
4.0515656E+02	4.0664322E+02	4.0512262E+02		
1.038826E+03	4.0511005E+02	4.0526477E+02	4.0658307E+02	4.0511023E+02
4.0516852E+02	4.0665891E+02	4.0508344E+02		
1.043868E+03	4.0506815E+02	4.0519827E+02	4.0655484E+02	4.0506821E+02
4.0507617E+02	4.0658762E+02	4.0504153E+02		
1.048868E+03	4.0517554E+02	4.0539236E+02	4.0676331E+02	4.0517551E+02
4.0527118E+02	4.0673636E+02	4.0514941E+02		
1.053917E+03	4.0527432E+02	4.0543997E+02	4.0688885E+02	4.0527118E+02
4.0537573E+02	4.0689972E+02	4.0524109E+02		
1.058917E+03	4.0516876E+02	4.0537592E+02	4.0667755E+02	4.0516739E+02
4.0534543E+02	4.0673956E+02	4.0514029E+02		
1.063917E+03	4.0532910E+02	4.0553860E+02	4.0695227E+02	4.0532498E+02
4.0547983E+02	4.0699396E+02	4.0529370E+02		
1.068917E+03	4.0529025E+02	4.0567648E+02	4.0706860E+02	4.0530380E+02
4.0565753E+02	4.0715900E+02	4.0526822E+02		
1.073917E+03	4.0604385E+02	4.0631485E+02	4.0771951E+02	4.0604922E+02
4.0627866E+02	4.0770923E+02	4.0601056E+02		
1.078917E+03	4.0670029E+02	4.0682333E+02	4.0824496E+02	4.0669556E+02
4.0678302E+02	4.0803766E+02	4.0665463E+02		

1.083917E+03 4.0697244E+02 4.0714716E+02 4.0855194E+02 4.0696704E+02
4.0711359E+02 4.0846240E+02 4.0692596E+02
1.088917E+03 4.0697601E+02 4.0712711E+02 4.0853067E+02 4.0697028E+02
4.0708438E+02 4.0853580E+02 4.0692764E+02
1.093917E+03 4.0665594E+02 4.0682556E+02 4.0818787E+02 4.0665024E+02
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1.189164E+03 4.0440155E+02 4.0503638E+02 4.0636371E+02 4.0440240E+02
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1.194184E+03 4.0430923E+02 4.0497305E+02 4.0630304E+02 4.0428372E+02
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1.199231E+03 4.0431641E+02 4.0498294E+02 4.0631909E+02 4.0428375E+02
4.0494641E+02 4.0635507E+02 4.0424542E+02
1.204231E+03 4.0435519E+02 4.0509473E+02 4.0646536E+02 4.0435364E+02
4.0506189E+02 4.0649655E+02 4.0431561E+02
1.209231E+03 4.0433109E+02 4.0493896E+02 4.0628632E+02 4.0432941E+02
4.0489697E+02 4.0630283E+02 4.0429321E+02
1.214231E+03 4.0425861E+02 4.0492938E+02 4.0627414E+02 4.0425635E+02
4.0488446E+02 4.0630380E+02 4.0422324E+02
1.219231E+03 4.0421121E+02 4.0488864E+02 4.0623071E+02 4.0418488E+02
4.0484424E+02 4.0625793E+02 4.0415149E+02

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4.0495044E+02	4.0633490E+02	4.0421829E+02		
1.229231E+03	4.0399289E+02	4.0462140E+02	4.0604034E+02	4.0399326E+02
4.0460068E+02	4.0605765E+02	4.0395789E+02		
1.234231E+03	4.0392206E+02	4.0448270E+02	4.0590482E+02	4.0392435E+02
4.0445547E+02	4.0591864E+02	4.0388828E+02		
1.239231E+03	4.0380737E+02	4.0439352E+02	4.0583072E+02	4.0380969E+02
4.0435876E+02	4.0584915E+02	4.0377408E+02		
1.244231E+03	4.0385565E+02	4.0452878E+02	4.0600876E+02	4.0385855E+02
4.0450787E+02	4.0601123E+02	4.0382077E+02		
1.249231E+03	4.0388962E+02	4.0443057E+02	4.0592911E+02	4.0388211E+02
4.0441180E+02	4.0592752E+02	4.0384146E+02		
1.254231E+03	4.0356012E+02	4.0403207E+02	4.0557797E+02	4.0356522E+02
4.0401334E+02	4.0555551E+02	4.0353091E+02		
1.259231E+03	4.0346146E+02	4.0402570E+02	4.0554163E+02	4.0346368E+02
4.0401224E+02	4.0553882E+02	4.0342966E+02		
1.264231E+03	4.0343961E+02	4.0401428E+02	4.0505008E+02	4.0343921E+02
4.0399506E+02	4.0554428E+02	4.0340732E+02		
1.269231E+03	4.0323441E+02	4.0363470E+02	4.0488702E+02	4.0323782E+02
4.0362762E+02	4.0502036E+02	4.0319846E+02		
1.274231E+03	4.0305557E+02	4.0348889E+02	4.0487781E+02	4.0305807E+02
4.0347656E+02	4.0495010E+02	4.0302084E+02		
1.279231E+03	4.0288504E+02	4.0337643E+02	4.0483328E+02	4.0288644E+02
4.0336157E+02	4.0491998E+02	4.0285049E+02		
1.284231E+03	4.0278149E+02	4.0330521E+02	4.0479639E+02	4.0278302E+02
4.0329459E+02	4.0485397E+02	4.0274686E+02		
1.289231E+03	4.0263861E+02	4.0310321E+02	4.0461713E+02	4.0264011E+02
4.0309341E+02	4.0461115E+02	4.0260352E+02		
1.294280E+03	4.0249893E+02	4.0294305E+02	4.0447952E+02	4.0250037E+02
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1.299280E+03	4.0243536E+02	4.0300156E+02	4.0457001E+02	4.0243759E+02
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4.0273065E+02	4.0410941E+02	4.0227032E+02		
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4.0255545E+02	4.0400424E+02	4.0215872E+02		
1.314280E+03	4.0207645E+02	4.0257819E+02	4.0356104E+02	4.0207654E+02
4.0256158E+02	4.0415753E+02	4.0203668E+02		
1.319280E+03	4.0197156E+02	4.0243167E+02	4.0368527E+02	4.0197296E+02
4.0242099E+02	4.0391711E+02	4.0193192E+02		
1.324280E+03	4.0183795E+02	4.0229639E+02	4.0370621E+02	4.0183963E+02
4.0227963E+02	4.0387540E+02	4.0179846E+02		
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1.349329E+03	4.0134140E+02	4.0186462E+02	4.0295953E+02	4.0134320E+02
4.0184610E+02	4.0343051E+02	4.0130057E+02		
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4.0176492E+02	4.0329477E+02	4.0128827E+02		
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4.0161932E+02	4.0320139E+02	4.0112451E+02		

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3.9664798E+02 3.9840665E+02 3.9661142E+02

1.504759E+03	3.9641531E+02	3.9642108E+02	3.9822546E+02	3.9641537E+02
3.9646039E+02	3.9828061E+02	3.9638394E+02		
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1.514772E+03	3.9611838E+02	3.9620071E+02	3.9799646E+02	3.9611841E+02
3.9614130E+02	3.9803247E+02	3.9608557E+02		
1.519808E+03	3.9612827E+02	3.9622763E+02	3.9781400E+02	3.9612839E+02
3.9617151E+02	3.9767389E+02	3.9609360E+02		
1.524844E+03	3.9591165E+02	3.9592365E+02	3.9758618E+02	3.9591147E+02
3.9601666E+02	3.9783347E+02	3.9587531E+02		
1.529844E+03	3.9564798E+02	3.9565527E+02	3.9739859E+02	3.9564786E+02
3.9565839E+02	3.9705920E+02	3.9561536E+02		
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3.9551590E+02	3.9709750E+02	3.9546732E+02		
1.539868E+03	3.9547232E+02	3.9554440E+02	3.9722672E+02	3.9547238E+02
3.9552679E+02	3.9726440E+02	3.9543768E+02		
1.544881E+03	3.9530997E+02	3.9536285E+02	3.9697058E+02	3.9530933E+02
3.9541211E+02	3.9694479E+02	3.9527225E+02		
1.549901E+03	3.9503192E+02	3.9504135E+02	3.9660583E+02	3.9503195E+02
3.9503387E+02	3.9667459E+02	3.9499600E+02		
1.554901E+03	3.9517688E+02	3.9525351E+02	3.9613159E+02	3.9517679E+02
3.9521127E+02	3.9613104E+02	3.9514084E+02		
1.559921E+03	3.9534500E+02	3.9542920E+02	3.9736853E+02	3.9534518E+02
3.9543246E+02	3.9734824E+02	3.9530719E+02		
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3.9607089E+02	3.9795398E+02	3.9542957E+02		
1.569956E+03	3.9560873E+02	3.9615295E+02	3.9711664E+02	3.9565677E+02
3.9610275E+02	3.9806140E+02	3.9555173E+02		
1.574956E+03	3.9619077E+02	3.9630692E+02	3.9774585E+02	3.9620871E+02
3.9631641E+02	3.9821814E+02	3.9612192E+02		
1.579956E+03	3.9649496E+02	3.9654459E+02	3.9822000E+02	3.9651099E+02
3.9658380E+02	3.9846271E+02	3.9643503E+02		
1.584956E+03	3.9652863E+02	3.9655121E+02	3.9831653E+02	3.9654453E+02
3.9657843E+02	3.9843054E+02	3.9647415E+02		
1.589956E+03	3.9636603E+02	3.9637991E+02	3.9806882E+02	3.9637766E+02
3.9639609E+02	3.9817209E+02	3.9632422E+02		
1.594956E+03	3.9640710E+02	3.9641626E+02	3.9804999E+02	3.9641614E+02
3.9643011E+02	3.9820901E+02	3.9637427E+02		
1.599956E+03	3.9636105E+02	3.9635696E+02	3.9742444E+02	3.9636130E+02
3.9635165E+02	3.9812860E+02	3.9635291E+02		
1.604956E+03	3.9629370E+02	3.9629602E+02	3.9738263E+02	3.9628815E+02
3.9628082E+02	3.9785382E+02	3.9627621E+02		
1.609956E+03	3.9626938E+02	3.9626306E+02	3.9750525E+02	3.9625146E+02
3.9625488E+02	3.9754858E+02	3.9616708E+02		
1.614956E+03	3.9626794E+02	3.9625989E+02	3.9764362E+02	3.9623239E+02
3.9625098E+02	3.9717114E+02	3.9610193E+02		
1.619956E+03	3.9627643E+02	3.9625989E+02	3.9772830E+02	3.9622028E+02
3.9624622E+02	3.9711078E+02	3.9603397E+02		
1.624956E+03	3.9629489E+02	3.9625928E+02	3.9757700E+02	3.9622311E+02
3.9623566E+02	3.9709207E+02	3.9599890E+02		
1.629956E+03	3.9629422E+02	3.9625259E+02	3.9798950E+02	3.9621771E+02
3.9623615E+02	3.9705368E+02	3.9594864E+02		
1.634956E+03	3.9632330E+02	3.9630878E+02	3.9688965E+02	3.9625696E+02
3.9630673E+02	3.9756833E+02	3.9595193E+02		
1.639972E+03	3.9631909E+02	3.9631696E+02	3.9684924E+02	3.9627051E+02
3.9632016E+02	3.9761478E+02	3.9589536E+02		

1.644972E+03 3.9633429E+02 3.9634320E+02 3.9687552E+02 3.9630627E+02
3.9632288E+02 3.9749020E+02 3.9588245E+02
1.649982E+03 3.9635382E+02 3.9636838E+02 3.9769562E+02 3.9634192E+02
3.9635043E+02 3.9707904E+02 3.9593127E+02
1.654998E+03 3.9636475E+02 3.9638217E+02 3.9782712E+02 3.9636469E+02
3.9638965E+02 3.9700211E+02 3.9592007E+02
1.660028E+03 3.9638226E+02 3.9640460E+02 3.9721475E+02 3.9638730E+02
3.9640198E+02 3.9701053E+02 3.9595508E+02
1.665028E+03 3.9643173E+02 3.9645496E+02 3.9701401E+02 3.9643668E+02
3.9644843E+02 3.9702509E+02 3.9599506E+02
1.670048E+03 3.9650455E+02 3.9652957E+02 3.9694931E+02 3.9650922E+02
3.9654346E+02 3.9703555E+02 3.9611362E+02
1.675065E+03 3.9656360E+02 3.9655536E+02 3.9697791E+02 3.9656580E+02
3.9657074E+02 3.9716187E+02 3.9620261E+02
1.680108E+03 3.9653043E+02 3.9651718E+02 3.9700067E+02 3.9652405E+02
3.9652057E+02 3.9723297E+02 3.9619119E+02
1.685146E+03 3.9657803E+02 3.9656430E+02 3.9704214E+02 3.9656296E+02
3.9656625E+02 3.9734219E+02 3.9630624E+02
1.690150E+03 3.9661008E+02 3.9663864E+02 3.9746661E+02 3.9659668E+02
3.9663773E+02 3.9787741E+02 3.9632477E+02
1.695192E+03 3.9678653E+02 3.9693155E+02 3.9698196E+02 3.9677753E+02
3.9690900E+02 3.9710672E+02 3.9655426E+02
1.700202E+03 3.9690424E+02 3.9699908E+02 3.9714307E+02 3.9690347E+02
3.9701547E+02 3.9833603E+02 3.9672858E+02
1.705202E+03 3.9702606E+02 3.9700928E+02 3.9724207E+02 3.9703494E+02
3.9704926E+02 3.9862677E+02 3.9684122E+02
1.710202E+03 3.9694409E+02 3.9697687E+02 3.9718576E+02 3.9694531E+02
3.9703503E+02 3.9882901E+02 3.9679941E+02
1.715202E+03 3.9692529E+02 3.9692255E+02 3.9718225E+02 3.9690771E+02
3.9691663E+02 3.9765866E+02 3.9678220E+02
1.720212E+03 3.9694867E+02 3.9698138E+02 3.9712448E+02 3.9693036E+02
3.9699484E+02 3.9836530E+02 3.9681516E+02
1.725225E+03 3.9693857E+02 3.9698627E+02 3.9708801E+02 3.9692316E+02
3.9699081E+02 3.9824088E+02 3.9681683E+02
1.730267E+03 3.9722214E+02 3.9728210E+02 3.9841086E+02 3.9721378E+02
3.9727942E+02 3.9849237E+02 3.9711877E+02
1.735300E+03 3.9830536E+02 3.9759100E+02 3.9955130E+02 3.9835077E+02
3.9781635E+02 4.0028061E+02 3.9823700E+02
1.740300E+03 3.9859589E+02 3.9870871E+02 3.9871008E+02 3.9861758E+02
3.9876831E+02 4.0052197E+02 3.9847467E+02
1.745300E+03 3.9879169E+02 3.9899445E+02 4.0007953E+02 3.9880942E+02
3.9901913E+02 4.0078174E+02 3.9870993E+02
1.750300E+03 3.9872244E+02 3.9885938E+02 4.0039423E+02 3.9873441E+02
3.9888358E+02 4.0065298E+02 3.9866547E+02
1.755300E+03 3.9845129E+02 3.9846603E+02 3.9964655E+02 3.9846121E+02
3.9847983E+02 4.0026611E+02 3.9840707E+02
1.760300E+03 3.9854742E+02 3.9861459E+02 3.9951721E+02 3.9855927E+02
3.9863760E+02 4.0042142E+02 3.9850034E+02
1.765300E+03 3.9828992E+02 3.9830325E+02 3.9961469E+02 3.9830225E+02
3.9832281E+02 4.0004019E+02 3.9824966E+02
1.770300E+03 3.9865463E+02 3.9882590E+02 3.9956165E+02 3.9866812E+02
3.9884573E+02 4.0062195E+02 3.9860800E+02
1.775300E+03 3.9919962E+02 3.9938974E+02 4.0106976E+02 3.9921149E+02
3.9939328E+02 4.0113873E+02 3.9914694E+02
1.780300E+03 3.9852420E+02 3.9852823E+02 4.0010385E+02 3.9852594E+02
3.9854010E+02 4.0001584E+02 3.9849271E+02

1.785300E+03	3.9811636E+02	3.9811630E+02	3.9977597E+02	3.9811667E+02
3.9811880E+02	3.9981757E+02	3.9808569E+02		
1.790312E+03	3.9790393E+02	3.9790625E+02	3.9962408E+02	3.9790298E+02
3.9790668E+02	3.9966437E+02	3.9787317E+02		
1.795348E+03	3.9796768E+02	3.9797256E+02	3.9962094E+02	3.9796625E+02
3.9797189E+02	3.9971741E+02	3.9793469E+02		
1.800348E+03	3.9786758E+02	3.9786917E+02	3.9948764E+02	3.9786554E+02
3.9786761E+02	3.9949850E+02	3.9783295E+02		
1.805392E+03	3.9783105E+02	3.9783716E+02	3.9958240E+02	3.9782916E+02
3.9783511E+02	3.9956323E+02	3.9779630E+02		
1.810392E+03	3.9787674E+02	3.9787656E+02	3.9963559E+02	3.9787610E+02
3.9788062E+02	3.9945151E+02	3.9784009E+02		
1.815392E+03	3.9786954E+02	3.9787161E+02	3.9960422E+02	3.9786932E+02
3.9787375E+02	3.9935818E+02	3.9783105E+02		
1.820392E+03	3.9781421E+02	3.9781467E+02	3.9947256E+02	3.9781427E+02
3.9782007E+02	3.9926724E+02	3.9777618E+02		
1.825392E+03	3.9779648E+02	3.9779797E+02	3.9916617E+02	3.9779684E+02
3.9779965E+02	3.9927124E+02	3.9775827E+02		
1.830440E+03	3.9777219E+02	3.9777548E+02	3.9914905E+02	3.9777264E+02
3.9777618E+02	3.9920175E+02	3.9773489E+02		
1.835440E+03	3.9775543E+02	3.9776221E+02	3.9910974E+02	3.9775586E+02
3.9776074E+02	3.9952213E+02	3.9771945E+02		
1.840440E+03	3.9770648E+02	3.9771664E+02	3.9909586E+02	3.9770691E+02
3.9771109E+02	3.9950577E+02	3.9767242E+02		
1.845440E+03	3.9769806E+02	3.9774084E+02	3.9944241E+02	3.9769833E+02
3.9774359E+02	3.9935260E+02	3.9766458E+02		
1.850440E+03	3.9769168E+02	3.9774475E+02	3.9953064E+02	3.9769150E+02
3.9774072E+02	3.9907236E+02	3.9765894E+02		
1.855440E+03	3.9769876E+02	3.9774850E+02	3.9939456E+02	3.9769724E+02
3.9774548E+02	3.9903452E+02	3.9766592E+02		
1.860440E+03	3.9767029E+02	3.9767236E+02	3.9911694E+02	3.9766602E+02
3.9766989E+02	3.9902881E+02	3.9763739E+02		
1.865440E+03	3.9771497E+02	3.9773193E+02	3.9888815E+02	3.9770959E+02
3.9773431E+02	3.9917474E+02	3.9768085E+02		
1.870459E+03	3.9771484E+02	3.9777405E+02	3.9884393E+02	3.9770944E+02
3.9777267E+02	3.9920319E+02	3.9768115E+02		
1.875459E+03	3.9771466E+02	3.9775098E+02	3.9883734E+02	3.9770914E+02
3.9774588E+02	3.9900229E+02	3.9768091E+02		
1.880459E+03	3.9770377E+02	3.9776514E+02	3.9911716E+02	3.9769861E+02
3.9777042E+02	3.9887930E+02	3.9766959E+02		
1.885502E+03	3.9770828E+02	3.9775311E+02	3.9935934E+02	3.9770398E+02
3.9774362E+02	3.9886029E+02	3.9767322E+02		
1.890502E+03	3.9773230E+02	3.9776025E+02	3.9892331E+02	3.9772946E+02
3.9775995E+02	3.9895511E+02	3.9769629E+02		
1.895548E+03	3.9776498E+02	3.9780948E+02	3.9875491E+02	3.9776254E+02
3.9782153E+02	3.9918652E+02	3.9772711E+02		
1.900587E+03	3.9776370E+02	3.9775525E+02	3.9872348E+02	3.9776471E+02
3.9775735E+02	3.9892987E+02	3.9772110E+02		
1.905594E+03	3.9775226E+02	3.9774771E+02	3.9875015E+02	3.9775531E+02
3.9774976E+02	3.9884512E+02	3.9771075E+02		
1.910599E+03	3.9781061E+02	3.9784622E+02	3.9870767E+02	3.9781369E+02
3.9784470E+02	3.9876501E+02	3.9776486E+02		
1.915604E+03	3.9778241E+02	3.9778723E+02	3.9900266E+02	3.9778101E+02
3.9779016E+02	3.9872736E+02	3.9773505E+02		
1.920619E+03	3.9773978E+02	3.9777652E+02	3.9938126E+02	3.9773209E+02
3.9778259E+02	3.9869907E+02	3.9769418E+02		

1.925623E+03	3.9774966E+02	3.9778940E+02	3.9882825E+02	3.9773193E+02
3.9779160E+02	3.9890588E+02	3.9770654E+02		
1.930635E+03	3.9770410E+02	3.9779077E+02	3.9858023E+02	3.9767828E+02
3.9779480E+02	3.9877771E+02	3.9766577E+02		
1.935664E+03	3.9770071E+02	3.9775534E+02	3.9854391E+02	3.9766522E+02
3.9775763E+02	3.9864508E+02	3.9766931E+02		
1.940709E+03	3.9770471E+02	3.9776132E+02	3.9857437E+02	3.9766208E+02
3.9774203E+02	3.9863647E+02	3.9767734E+02		
1.945709E+03	3.9771429E+02	3.9775333E+02	3.9917221E+02	3.9766299E+02
3.9773587E+02	3.9860199E+02	3.9768903E+02		
1.950755E+03	3.9771753E+02	3.9776245E+02	3.9855701E+02	3.9765826E+02
3.9774887E+02	3.9885577E+02	3.9767426E+02		
1.955762E+03	3.9772305E+02	3.9775870E+02	3.9827515E+02	3.9766174E+02
3.9777231E+02	3.9884692E+02	3.9766644E+02		
1.960784E+03	3.9767661E+02	3.9770221E+02	3.9810754E+02	3.9761392E+02
3.9770819E+02	3.9852179E+02	3.9760416E+02		
1.965832E+03	3.9766992E+02	3.9769867E+02	3.9833353E+02	3.9761081E+02
3.9768506E+02	3.9846219E+02	3.9760358E+02		
1.970878E+03	3.9767508E+02	3.9771890E+02	3.9868549E+02	3.9762131E+02
3.9774176E+02	3.9842084E+02	3.9760388E+02		
1.975889E+03	3.9768652E+02	3.9774091E+02	3.9769781E+02	3.9763669E+02
3.9777872E+02	3.9873880E+02	3.9761273E+02		
1.980934E+03	3.9782968E+02	3.9787668E+02	3.9871790E+02	3.9778366E+02
3.9793134E+02	3.9834369E+02	3.9775323E+02		
1.985934E+03	3.9963092E+02	3.9809219E+02	3.9845300E+02	3.9952673E+02
3.9873907E+02	3.9965775E+02	3.9912854E+02		
1.990934E+03	3.9898294E+02	3.9835587E+02	4.0089536E+02	3.9901758E+02
3.9877362E+02	4.0101990E+02	3.9891724E+02		
1.995934E+03	3.9882611E+02	3.9884216E+02	3.9984662E+02	3.9884097E+02
3.9886877E+02	4.0057703E+02	3.9874557E+02		
2.000034E+03	3.9874222E+02	3.9882562E+02	3.9980908E+02	3.9875491E+02
3.9884677E+02	4.0062311E+02	3.9867584E+02		

TIME (sec)	TSAT992003	TSAT991903	TSAT992102	TSAT992002
TSAT991902	TSAT992101	TSAT992001		
1.000000E-10	5.6059229E+02	5.6059839E+02	5.6054175E+02	5.6059229E+02
5.6059839E+02	5.6054175E+02	5.6059229E+02		
1.003469E-01	5.6052271E+02	5.6052472E+02	5.6047314E+02	5.6052277E+02
5.6052472E+02	5.6047339E+02	5.6052283E+02		
2.016405E-01	5.6050165E+02	5.6050757E+02	5.6045093E+02	5.6050165E+02
5.6050751E+02	5.6045117E+02	5.6050171E+02		
3.143499E-01	5.6045239E+02	5.6045801E+02	5.6040198E+02	5.6045239E+02
5.6045795E+02	5.6040216E+02	5.6045245E+02		
4.176774E-01	5.6040118E+02	5.6040668E+02	5.6035083E+02	5.6040118E+02
5.6040662E+02	5.6035095E+02	5.6040125E+02		
5.179474E-01	5.6035602E+02	5.6036157E+02	5.6030573E+02	5.6035602E+02
5.6036151E+02	5.6030591E+02	5.6035608E+02		
6.236274E-01	5.6030554E+02	5.6031085E+02	5.6025568E+02	5.6030554E+02
5.6031079E+02	5.6025574E+02	5.6030560E+02		
7.657229E-01	5.6022784E+02	5.6023303E+02	5.6017816E+02	5.6022784E+02
5.6023303E+02	5.6017822E+02	5.6022791E+02		
8.878756E-01	5.6016016E+02	5.6016534E+02	5.6011090E+02	5.6016016E+02
5.6016534E+02	5.6011096E+02	5.6016022E+02		
9.933645E-01	5.6010254E+02	5.6010773E+02	5.6005359E+02	5.6010254E+02
5.6010767E+02	5.6005365E+02	5.6010260E+02		
1.524044E+00	5.5983386E+02	5.5983765E+02	5.5978571E+02	5.5983386E+02
5.5983789E+02	5.5978558E+02	5.5983398E+02		

2.030162E+00	5.5957202E+02	5.5957422E+02	5.5952777E+02	5.5957202E+02
5.5957458E+02	5.5952753E+02	5.5957208E+02		
2.550346E+00	5.5921539E+02	5.5921875E+02	5.5917676E+02	5.5921539E+02
5.5921887E+02	5.5917657E+02	5.5921545E+02		
3.062366E+00	5.5887286E+02	5.5887604E+02	5.5883844E+02	5.5887286E+02
5.5887622E+02	5.5883813E+02	5.5887286E+02		
3.562366E+00	5.5820581E+02	5.5820892E+02	5.5817438E+02	5.5820581E+02
5.5820905E+02	5.5817401E+02	5.5820587E+02		
4.082775E+00	5.5736542E+02	5.5736890E+02	5.5733569E+02	5.5736542E+02
5.5736902E+02	5.5733527E+02	5.5736542E+02		
4.604100E+00	5.5659979E+02	5.5660339E+02	5.5657404E+02	5.5659979E+02
5.5660352E+02	5.5657355E+02	5.5659979E+02		
5.125216E+00	5.5588965E+02	5.5589337E+02	5.5586621E+02	5.5588965E+02
5.5589337E+02	5.5586560E+02	5.5588965E+02		
5.625216E+00	5.5525708E+02	5.5526086E+02	5.5523633E+02	5.5525708E+02
5.5526093E+02	5.5523560E+02	5.5525708E+02		
6.125216E+00	5.5468524E+02	5.5468896E+02	5.5466699E+02	5.5468518E+02
5.5468890E+02	5.5466620E+02	5.5468518E+02		
6.625216E+00	5.5416022E+02	5.5416388E+02	5.5414423E+02	5.5416022E+02
5.5416388E+02	5.5414325E+02	5.5416022E+02		
7.125216E+00	5.5370801E+02	5.5371179E+02	5.5369409E+02	5.5370801E+02
5.5371179E+02	5.5369299E+02	5.5370801E+02		
7.625216E+00	5.5334296E+02	5.5334717E+02	5.5332971E+02	5.5334296E+02
5.5334717E+02	5.5332855E+02	5.5334296E+02		
8.125216E+00	5.5303217E+02	5.5303589E+02	5.5302014E+02	5.5303217E+02
5.5303589E+02	5.5301874E+02	5.5303210E+02		
8.625216E+00	5.5285242E+02	5.5285681E+02	5.5284161E+02	5.5285242E+02
5.5285681E+02	5.5283997E+02	5.5285242E+02		
9.146049E+00	5.5296973E+02	5.5297467E+02	5.5295929E+02	5.5296973E+02
5.5297473E+02	5.5295746E+02	5.5296973E+02		
9.646049E+00	5.5318945E+02	5.5319434E+02	5.5317883E+02	5.5318945E+02
5.5319434E+02	5.5317670E+02	5.5318945E+02		
1.014605E+01	5.5331647E+02	5.5332166E+02	5.5330573E+02	5.5331647E+02
5.5332166E+02	5.5330322E+02	5.5331647E+02		
1.064605E+01	5.5330414E+02	5.5330920E+02	5.5329297E+02	5.5330414E+02
5.5330920E+02	5.5329028E+02	5.5330414E+02		
1.114605E+01	5.5316345E+02	5.5316864E+02	5.5315234E+02	5.5316345E+02
5.5316864E+02	5.5314948E+02	5.5316345E+02		
1.164605E+01	5.5304822E+02	5.5305298E+02	5.5303741E+02	5.5304822E+02
5.5305298E+02	5.5303436E+02	5.5304816E+02		
1.214605E+01	5.5284442E+02	5.5284918E+02	5.5283398E+02	5.5284442E+02
5.5284930E+02	5.5283069E+02	5.5284442E+02		
1.264605E+01	5.5254352E+02	5.5254803E+02	5.5253271E+02	5.5254352E+02
5.5254822E+02	5.5252905E+02	5.5254346E+02		
1.314605E+01	5.5227356E+02	5.5227942E+02	5.5226257E+02	5.5227356E+02
5.5227948E+02	5.5225873E+02	5.5227362E+02		
1.364605E+01	5.5172107E+02	5.5172626E+02	5.5170862E+02	5.5172113E+02
5.5172650E+02	5.5170459E+02	5.5172113E+02		
1.414605E+01	5.5117639E+02	5.5118152E+02	5.5116443E+02	5.5117645E+02
5.5118158E+02	5.5116034E+02	5.5117645E+02		
1.464605E+01	5.5052704E+02	5.5053180E+02	5.5051477E+02	5.5052704E+02
5.5053192E+02	5.5051080E+02	5.5052704E+02		
1.514605E+01	5.4982581E+02	5.4983057E+02	5.4981329E+02	5.4982581E+02
5.4983057E+02	5.4980951E+02	5.4982587E+02		
1.564605E+01	5.4915082E+02	5.4915387E+02	5.4913806E+02	5.4915082E+02
5.4915411E+02	5.4913446E+02	5.4915082E+02		

1.614605E+01	5.4849237E+02	5.4849646E+02	5.4847955E+02	5.4849237E+02
5.4849658E+02	5.4847601E+02	5.4849237E+02		
1.664605E+01	5.4784399E+02	5.4784821E+02	5.4783118E+02	5.4784399E+02
5.4784833E+02	5.4782770E+02	5.4784399E+02		
1.714605E+01	5.4719250E+02	5.4719678E+02	5.4717963E+02	5.4719250E+02
5.4719690E+02	5.4717627E+02	5.4719250E+02		
1.764605E+01	5.4656036E+02	5.4656464E+02	5.4654761E+02	5.4656036E+02
5.4656476E+02	5.4654419E+02	5.4656036E+02		
1.814605E+01	5.4601471E+02	5.4601923E+02	5.4600208E+02	5.4601471E+02
5.4601935E+02	5.4599860E+02	5.4601471E+02		
1.864605E+01	5.4539478E+02	5.4539771E+02	5.4538184E+02	5.4539484E+02
5.4539801E+02	5.4537836E+02	5.4539484E+02		
1.914605E+01	5.4485675E+02	5.4486157E+02	5.4484406E+02	5.4485675E+02
5.4486182E+02	5.4484058E+02	5.4485675E+02		
1.964605E+01	5.4438568E+02	5.4439075E+02	5.4437323E+02	5.4438568E+02
5.4439099E+02	5.4436969E+02	5.4438568E+02		
2.014605E+01	5.4392267E+02	5.4392773E+02	5.4390997E+02	5.4392267E+02
5.4392798E+02	5.4390637E+02	5.4392267E+02		
2.064605E+01	5.4351501E+02	5.4352051E+02	5.4350262E+02	5.4351501E+02
5.4352075E+02	5.4349890E+02	5.4351501E+02		
2.114605E+01	5.4314935E+02	5.4315497E+02	5.4313702E+02	5.4314935E+02
5.4315521E+02	5.4313318E+02	5.4314935E+02		
2.164605E+01	5.4281451E+02	5.4282031E+02	5.4280243E+02	5.4281451E+02
5.4282056E+02	5.4279840E+02	5.4281451E+02		
2.214605E+01	5.4252979E+02	5.4253558E+02	5.4251764E+02	5.4252979E+02
5.4253583E+02	5.4251337E+02	5.4252979E+02		
2.266648E+01	5.4224274E+02	5.4224847E+02	5.4223053E+02	5.4224280E+02
5.4224872E+02	5.4222614E+02	5.4224274E+02		
2.318409E+01	5.4196515E+02	5.4197076E+02	5.4195294E+02	5.4196515E+02
5.4197101E+02	5.4194824E+02	5.4196515E+02		
2.368409E+01	5.4170691E+02	5.4171228E+02	5.4169458E+02	5.4170691E+02
5.4171252E+02	5.4168982E+02	5.4170691E+02		
2.418409E+01	5.4141101E+02	5.4141608E+02	5.4139844E+02	5.4141101E+02
5.4141644E+02	5.4139349E+02	5.4141101E+02		
2.468420E+01	5.4111584E+02	5.4112115E+02	5.4110309E+02	5.4111584E+02
5.4112146E+02	5.4109808E+02	5.4111584E+02		
2.518866E+01	5.4079803E+02	5.4080341E+02	5.4078510E+02	5.4079803E+02
5.4080377E+02	5.4078009E+02	5.4079803E+02		
2.570592E+01	5.4047125E+02	5.4047681E+02	5.4045825E+02	5.4047125E+02
5.4047711E+02	5.4045325E+02	5.4047125E+02		
2.622136E+01	5.4013879E+02	5.4014447E+02	5.4012573E+02	5.4013879E+02
5.4014478E+02	5.4012073E+02	5.4013879E+02		
2.673972E+01	5.3983582E+02	5.3984180E+02	5.3982294E+02	5.3983582E+02
5.3984204E+02	5.3981793E+02	5.3983582E+02		
2.724740E+01	5.3954401E+02	5.3954987E+02	5.3953113E+02	5.3954401E+02
5.3955011E+02	5.3952606E+02	5.3954401E+02		
2.776852E+01	5.3924493E+02	5.3925067E+02	5.3923212E+02	5.3924493E+02
5.3925092E+02	5.3922687E+02	5.3924493E+02		
2.828743E+01	5.3893921E+02	5.3894495E+02	5.3892633E+02	5.3893921E+02
5.3894519E+02	5.3892102E+02	5.3893921E+02		
2.878743E+01	5.3863837E+02	5.3864417E+02	5.3862549E+02	5.3863837E+02
5.3864441E+02	5.3861993E+02	5.3863837E+02		
2.928743E+01	5.3833118E+02	5.3833698E+02	5.3831824E+02	5.3833118E+02
5.3833728E+02	5.3831256E+02	5.3833118E+02		
2.978743E+01	5.3802069E+02	5.3802661E+02	5.3800769E+02	5.3802069E+02
5.3802686E+02	5.3800189E+02	5.3802069E+02		

3.028743E+01 5.3770691E+02 5.3771301E+02 5.3769391E+02 5.3770691E+02
5.3771326E+02 5.3768793E+02 5.3770691E+02
3.078743E+01 5.3739160E+02 5.3739777E+02 5.3737848E+02 5.3739154E+02
5.3739795E+02 5.3737238E+02 5.3739154E+02
3.128743E+01 5.3707800E+02 5.3708429E+02 5.3706482E+02 5.3707800E+02
5.3708447E+02 5.3705859E+02 5.3707800E+02
3.178743E+01 5.3674994E+02 5.3675635E+02 5.3673676E+02 5.3674994E+02
5.3675653E+02 5.3673035E+02 5.3674994E+02
3.228743E+01 5.3641913E+02 5.3642566E+02 5.3640582E+02 5.3641913E+02
5.3642584E+02 5.3639929E+02 5.3641913E+02
3.278743E+01 5.3608960E+02 5.3609625E+02 5.3607623E+02 5.3608960E+02
5.3609644E+02 5.3606958E+02 5.3608960E+02
3.328743E+01 5.3575629E+02 5.3576306E+02 5.3574304E+02 5.3575629E+02
5.3576324E+02 5.3573633E+02 5.3575629E+02
3.378743E+01 5.3546332E+02 5.3546973E+02 5.3545007E+02 5.3546332E+02
5.3546997E+02 5.3544318E+02 5.3546332E+02
3.428743E+01 5.3513446E+02 5.3514093E+02 5.3512091E+02 5.3513446E+02
5.3514117E+02 5.3511383E+02 5.3513452E+02
3.478743E+01 5.3475519E+02 5.3476178E+02 5.3474152E+02 5.3475525E+02
5.3476202E+02 5.3473438E+02 5.3475525E+02
3.528743E+01 5.3435455E+02 5.3436139E+02 5.3434082E+02 5.3435455E+02
5.3436163E+02 5.3433368E+02 5.3435455E+02
3.578743E+01 5.3393854E+02 5.3394568E+02 5.3392462E+02 5.3393854E+02
5.3394592E+02 5.3391748E+02 5.3393848E+02
3.628743E+01 5.3352472E+02 5.3353180E+02 5.3351080E+02 5.3352472E+02
5.3353192E+02 5.3350366E+02 5.3352472E+02
3.678743E+01 5.3312476E+02 5.3313171E+02 5.3311072E+02 5.3312482E+02
5.3313190E+02 5.3310358E+02 5.3312482E+02
3.728743E+01 5.3273401E+02 5.3274103E+02 5.3271985E+02 5.3273401E+02
5.3274109E+02 5.3271283E+02 5.3273401E+02
3.778743E+01 5.3233405E+02 5.3234088E+02 5.3231964E+02 5.3233405E+02
5.3234100E+02 5.3231274E+02 5.3233405E+02
3.830806E+01 5.3191852E+02 5.3192523E+02 5.3190405E+02 5.3191852E+02
5.3192535E+02 5.3189734E+02 5.3191852E+02
3.880806E+01 5.3151343E+02 5.3152002E+02 5.3149878E+02 5.3151343E+02
5.3152020E+02 5.3149219E+02 5.3151343E+02
3.930806E+01 5.3110791E+02 5.3111450E+02 5.3109320E+02 5.3110791E+02
5.3111462E+02 5.3108679E+02 5.3110791E+02
3.983299E+01 5.3068347E+02 5.3068994E+02 5.3066864E+02 5.3068347E+02
5.3069006E+02 5.3066248E+02 5.3068347E+02
4.034888E+01 5.3024695E+02 5.3025500E+02 5.3023047E+02 5.3024695E+02
5.3025500E+02 5.3022461E+02 5.3024695E+02
4.086869E+01 5.2983740E+02 5.2984497E+02 5.2982104E+02 5.2983740E+02
5.2984503E+02 5.2981567E+02 5.2983740E+02
4.137451E+01 5.2944434E+02 5.2945154E+02 5.2942841E+02 5.2944434E+02
5.2945166E+02 5.2942346E+02 5.2944434E+02
4.188536E+01 5.2903455E+02 5.2904156E+02 5.2901874E+02 5.2903455E+02
5.2904163E+02 5.2901410E+02 5.2903455E+02
4.239460E+01 5.2862115E+02 5.2862805E+02 5.2860559E+02 5.2862115E+02
5.2862817E+02 5.2860126E+02 5.2862115E+02
4.290141E+01 5.2819458E+02 5.2820117E+02 5.2817914E+02 5.2819458E+02
5.2820129E+02 5.2817493E+02 5.2819458E+02
4.340367E+01 5.2775842E+02 5.2776501E+02 5.2774310E+02 5.2775842E+02
5.2776514E+02 5.2773901E+02 5.2775842E+02
4.391029E+01 5.2734186E+02 5.2734845E+02 5.2732672E+02 5.2734186E+02
5.2734857E+02 5.2732281E+02 5.2734186E+02

4.442013E+01	5.2691656E+02	5.2692310E+02	5.2690149E+02	5.2691656E+02
5.2692328E+02	5.2689777E+02	5.2691656E+02		
4.493227E+01	5.2648352E+02	5.2648999E+02	5.2646851E+02	5.2648352E+02
5.2649011E+02	5.2646484E+02	5.2648352E+02		
4.543827E+01	5.2604980E+02	5.2605621E+02	5.2603485E+02	5.2604980E+02
5.2605634E+02	5.2603131E+02	5.2604980E+02		
4.593893E+01	5.2564087E+02	5.2564740E+02	5.2562622E+02	5.2564087E+02
5.2564752E+02	5.2562274E+02	5.2564087E+02		
4.644418E+01	5.2525128E+02	5.2525793E+02	5.2523682E+02	5.2525128E+02
5.2525806E+02	5.2523334E+02	5.2525128E+02		
4.695213E+01	5.2487659E+02	5.2488348E+02	5.2486243E+02	5.2487659E+02
5.2488354E+02	5.2485889E+02	5.2487659E+02		
4.745940E+01	5.2450574E+02	5.2451263E+02	5.2449164E+02	5.2450574E+02
5.2451270E+02	5.2448816E+02	5.2450574E+02		
4.797015E+01	5.2413373E+02	5.2414062E+02	5.2411969E+02	5.2413373E+02
5.2414069E+02	5.2411615E+02	5.2413373E+02		
4.847311E+01	5.2377509E+02	5.2378192E+02	5.2376099E+02	5.2377509E+02
5.2378198E+02	5.2375757E+02	5.2377509E+02		
4.898312E+01	5.2341559E+02	5.2342230E+02	5.2340155E+02	5.2341559E+02
5.2342236E+02	5.2339807E+02	5.2341559E+02		
4.948804E+01	5.2306964E+02	5.2307520E+02	5.2305579E+02	5.2306964E+02
5.2307538E+02	5.2305237E+02	5.2306970E+02		
4.999225E+01	5.2268237E+02	5.2268964E+02	5.2266748E+02	5.2268231E+02
5.2268945E+02	5.2266394E+02	5.2268231E+02		
5.049424E+01	5.2237939E+02	5.2238458E+02	5.2236578E+02	5.2237933E+02
5.2238477E+02	5.2236243E+02	5.2237933E+02		
5.099622E+01	5.2201971E+02	5.2202399E+02	5.2200537E+02	5.2201971E+02
5.2202417E+02	5.2200201E+02	5.2201971E+02		
5.149626E+01	5.2165442E+02	5.2165741E+02	5.2163977E+02	5.2165448E+02
5.2165778E+02	5.2163660E+02	5.2165454E+02		
5.199947E+01	5.2130103E+02	5.2130450E+02	5.2128607E+02	5.2130109E+02
5.2130475E+02	5.2128296E+02	5.2130109E+02		
5.250106E+01	5.2097821E+02	5.2098303E+02	5.2096344E+02	5.2097821E+02
5.2098309E+02	5.2096039E+02	5.2097821E+02		
5.300600E+01	5.2062329E+02	5.2062799E+02	5.2060834E+02	5.2062329E+02
5.2062811E+02	5.2060535E+02	5.2062335E+02		
5.351564E+01	5.2027588E+02	5.2028021E+02	5.2026111E+02	5.2027588E+02
5.2028040E+02	5.2025818E+02	5.2027594E+02		
5.402672E+01	5.1991559E+02	5.1992041E+02	5.1990082E+02	5.1991559E+02
5.1992053E+02	5.1989789E+02	5.1991559E+02		
5.452872E+01	5.1957178E+02	5.1957642E+02	5.1955707E+02	5.1957178E+02
5.1957654E+02	5.1955426E+02	5.1957178E+02		
5.503849E+01	5.1921869E+02	5.1922388E+02	5.1920422E+02	5.1921869E+02
5.1922412E+02	5.1920148E+02	5.1921869E+02		
5.554660E+01	5.1885590E+02	5.1886102E+02	5.1884155E+02	5.1885590E+02
5.1886115E+02	5.1883881E+02	5.1885583E+02		
5.606082E+01	5.1850708E+02	5.1851184E+02	5.1849280E+02	5.1850708E+02
5.1851190E+02	5.1848999E+02	5.1850702E+02		
5.657179E+01	5.1817822E+02	5.1818280E+02	5.1816388E+02	5.1817822E+02
5.1818292E+02	5.1816101E+02	5.1817816E+02		
5.707279E+01	5.1787238E+02	5.1787726E+02	5.1785779E+02	5.1787238E+02
5.1787732E+02	5.1785504E+02	5.1787225E+02		
5.758298E+01	5.1757220E+02	5.1757678E+02	5.1755762E+02	5.1757220E+02
5.1757690E+02	5.1755493E+02	5.1757214E+02		
5.810007E+01	5.1726569E+02	5.1727020E+02	5.1725110E+02	5.1726569E+02
5.1727032E+02	5.1724841E+02	5.1726562E+02		

5.860656E+01 5.1694830E+02 5.1695300E+02 5.1693359E+02 5.1694830E+02
5.1695312E+02 5.1693097E+02 5.1694824E+02
5.912025E+01 5.1664117E+02 5.1664575E+02 5.1662653E+02 5.1664117E+02
5.1664587E+02 5.1662390E+02 5.1664111E+02
5.962025E+01 5.1634698E+02 5.1635162E+02 5.1633246E+02 5.1634698E+02
5.1635162E+02 5.1632983E+02 5.1634692E+02
6.012025E+01 5.1605194E+02 5.1605652E+02 5.1603754E+02 5.1605194E+02
5.1605652E+02 5.1603491E+02 5.1605188E+02
6.062025E+01 5.1575183E+02 5.1575629E+02 5.1573755E+02 5.1575183E+02
5.1575635E+02 5.1573499E+02 5.1575183E+02
6.112025E+01 5.1544836E+02 5.1545276E+02 5.1543414E+02 5.1544836E+02
5.1545288E+02 5.1543152E+02 5.1544836E+02
6.162025E+01 5.1513861E+02 5.1514178E+02 5.1512415E+02 5.1513855E+02
5.1514203E+02 5.1512146E+02 5.1513849E+02
6.212025E+01 5.1482025E+02 5.1482477E+02 5.1480615E+02 5.1482025E+02
5.1482489E+02 5.1480353E+02 5.1482025E+02
6.262025E+01 5.1449451E+02 5.1449884E+02 5.1448047E+02 5.1449451E+02
5.1449896E+02 5.1447791E+02 5.1449451E+02
6.312025E+01 5.1416205E+02 5.1416626E+02 5.1414807E+02 5.1416205E+02
5.1416644E+02 5.1414545E+02 5.1416205E+02
6.362025E+01 5.1382184E+02 5.1382623E+02 5.1380798E+02 5.1382184E+02
5.1382635E+02 5.1380536E+02 5.1382184E+02
6.412025E+01 5.1347833E+02 5.1348273E+02 5.1346466E+02 5.1347833E+02
5.1348285E+02 5.1346198E+02 5.1347839E+02
6.462025E+01 5.1313275E+02 5.1313690E+02 5.1311908E+02 5.1313275E+02
5.1313702E+02 5.1311633E+02 5.1313275E+02
6.514344E+01 5.1276758E+02 5.1277173E+02 5.1275409E+02 5.1276758E+02
5.1277185E+02 5.1275128E+02 5.1276758E+02
6.566270E+01 5.1240375E+02 5.1240778E+02 5.1239026E+02 5.1240375E+02
5.1240790E+02 5.1238745E+02 5.1240375E+02
6.618295E+01 5.1204083E+02 5.1204480E+02 5.1202753E+02 5.1204083E+02
5.1204492E+02 5.1202460E+02 5.1204083E+02
6.668818E+01 5.1168710E+02 5.1169101E+02 5.1167392E+02 5.1168710E+02
5.1169113E+02 5.1167096E+02 5.1168710E+02
6.719306E+01 5.1133951E+02 5.1134332E+02 5.1132648E+02 5.1133951E+02
5.1134341E+02 5.1132343E+02 5.1133951E+02
6.770707E+01 5.1100256E+02 5.1100638E+02 5.1098978E+02 5.1100256E+02
5.1100647E+02 5.1098666E+02 5.1100256E+02
6.821601E+01 5.1066473E+02 5.1066855E+02 5.1065195E+02 5.1066473E+02
5.1066864E+02 5.1064877E+02 5.1066473E+02
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5.0962396E+02 5.0960385E+02 5.0962015E+02
7.023885E+01 5.0925488E+02 5.0925839E+02 5.0924191E+02 5.0925488E+02
5.0925845E+02 5.0923853E+02 5.0925488E+02
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5.0853049E+02 5.0851007E+02 5.0852667E+02
7.175066E+01 5.0814584E+02 5.0814960E+02 5.0813254E+02 5.0814584E+02
5.0814969E+02 5.0812909E+02 5.0814584E+02
7.227091E+01 5.0775729E+02 5.0776132E+02 5.0774399E+02 5.0775729E+02
5.0776141E+02 5.0774051E+02 5.0775729E+02

7.277091E+01	5.0741104E+02	5.0741504E+02	5.0739758E+02	5.0741104E+02
5.0741516E+02	5.0739413E+02	5.0741107E+02		
7.327091E+01	5.0706448E+02	5.0706854E+02	5.0705057E+02	5.0706448E+02
5.0706866E+02	5.0704715E+02	5.0706448E+02		
7.377091E+01	5.0672870E+02	5.0673282E+02	5.0671451E+02	5.0672870E+02
5.0673291E+02	5.0671115E+02	5.0672870E+02		
7.427091E+01	5.0647153E+02	5.0647607E+02	5.0645764E+02	5.0647153E+02
5.0647614E+02	5.0645435E+02	5.0647153E+02		
7.478299E+01	5.0607162E+02	5.0607553E+02	5.0605444E+02	5.0607159E+02
5.0607584E+02	5.0605127E+02	5.0607156E+02		
7.528299E+01	5.0561340E+02	5.0561694E+02	5.0559732E+02	5.0561340E+02
5.0561719E+02	5.0559439E+02	5.0561340E+02		
7.578299E+01	5.0516513E+02	5.0516919E+02	5.0514908E+02	5.0516513E+02
5.0516940E+02	5.0514630E+02	5.0516513E+02		
7.628299E+01	5.0472791E+02	5.0473166E+02	5.0471194E+02	5.0472791E+02
5.0473190E+02	5.0470929E+02	5.0472794E+02		
7.678299E+01	5.0429855E+02	5.0430231E+02	5.0428265E+02	5.0429855E+02
5.0430255E+02	5.0428003E+02	5.0429858E+02		
7.728299E+01	5.0386932E+02	5.0387314E+02	5.0385349E+02	5.0386932E+02
5.0387335E+02	5.0385092E+02	5.0386935E+02		
7.778299E+01	5.0344678E+02	5.0345065E+02	5.0343100E+02	5.0344678E+02
5.0345084E+02	5.0342847E+02	5.0344678E+02		
7.830791E+01	5.0301648E+02	5.0302014E+02	5.0300076E+02	5.0301648E+02
5.0302039E+02	5.0299826E+02	5.0301651E+02		
7.880791E+01	5.0261792E+02	5.0262164E+02	5.0260226E+02	5.0261792E+02
5.0262186E+02	5.0259979E+02	5.0261795E+02		
7.930791E+01	5.0221945E+02	5.0222308E+02	5.0220380E+02	5.0221945E+02
5.0222330E+02	5.0220132E+02	5.0221948E+02		
7.980791E+01	5.0182321E+02	5.0182675E+02	5.0180762E+02	5.0182321E+02
5.0182700E+02	5.0180515E+02	5.0182324E+02		
8.030791E+01	5.0142831E+02	5.0143179E+02	5.0141272E+02	5.0142831E+02
5.0143207E+02	5.0141025E+02	5.0142834E+02		
8.080791E+01	5.0103934E+02	5.0104282E+02	5.0102377E+02	5.0103934E+02
5.0104309E+02	5.0102130E+02	5.0103934E+02		
8.130791E+01	5.0065463E+02	5.0065811E+02	5.0063907E+02	5.0065463E+02
5.0065842E+02	5.0063660E+02	5.0065466E+02		
8.180791E+01	5.0027292E+02	5.0027646E+02	5.0025748E+02	5.0027292E+02
5.0027673E+02	5.0025497E+02	5.0027292E+02		
8.230791E+01	4.9989279E+02	4.9989645E+02	4.9987741E+02	4.9989279E+02
4.9989670E+02	4.9987491E+02	4.9989279E+02		
8.280791E+01	4.9951718E+02	4.9952097E+02	4.9950183E+02	4.9951718E+02
4.9952115E+02	4.9949930E+02	4.9951721E+02		
8.330791E+01	4.9914471E+02	4.9914856E+02	4.9912936E+02	4.9914471E+02
4.9914874E+02	4.9912686E+02	4.9914471E+02		
8.380791E+01	4.9877216E+02	4.9877664E+02	4.9875699E+02	4.9877213E+02
4.9877686E+02	4.9875443E+02	4.9877216E+02		
8.430791E+01	4.9839554E+02	4.9840012E+02	4.9838043E+02	4.9839551E+02
4.9840021E+02	4.9837778E+02	4.9839545E+02		
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4.9801096E+02	4.9798825E+02	4.9800610E+02		
8.533189E+01	4.9763461E+02	4.9763870E+02	4.9761929E+02	4.9763458E+02
4.9763870E+02	4.9761661E+02	4.9763449E+02		
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4.9726825E+02	4.9724615E+02	4.9726404E+02		
8.634407E+01	4.9688858E+02	4.9689249E+02	4.9687329E+02	4.9688858E+02
4.9689255E+02	4.9687061E+02	4.9688852E+02		

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3.058138E+02 4.1809412E+02 4.1809680E+02 4.1807620E+02 4.1809415E+02
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4.1030438E+02 4.1027194E+02 4.1030194E+02
3.709486E+02 4.0994443E+02 4.0994705E+02 4.0992560E+02 4.0994443E+02
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5.416345E+02	4.0802426E+02	4.0802747E+02	4.0800128E+02	4.0802423E+02
4.0802747E+02	4.0798224E+02	4.0802423E+02		
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4.0790829E+02	4.0786292E+02	4.0790503E+02		
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4.0789032E+02	4.0784641E+02	4.0788855E+02		
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4.0772003E+02	4.0767361E+02	4.0771677E+02		
5.666711E+02	4.0769287E+02	4.0769614E+02	4.0766931E+02	4.0769287E+02
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5.717148E+02	4.0765228E+02	4.0765555E+02	4.0762881E+02	4.0765228E+02
4.0765555E+02	4.0760861E+02	4.0765225E+02		
5.767209E+02	4.0758136E+02	4.0758456E+02	4.0755765E+02	4.0758136E+02
4.0758456E+02	4.0753714E+02	4.0758136E+02		
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4.0758450E+02	4.0753711E+02	4.0758130E+02		
5.867994E+02	4.0857986E+02	4.0858408E+02	4.0855728E+02	4.0857971E+02
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5.918351E+02	4.0823077E+02	4.0823392E+02	4.0820712E+02	4.0823077E+02
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6.420153E+02	4.0663858E+02	4.0664197E+02	4.0661264E+02	4.0663858E+02
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4.0792331E+02	4.0788138E+02	4.0792010E+02		
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9.384365E+02 4.0707578E+02 4.0708609E+02 4.0702924E+02 4.0707538E+02
4.0709171E+02 4.0701462E+02 4.0707550E+02
9.434605E+02 4.0678473E+02 4.0679590E+02 4.0675583E+02 4.0678415E+02
4.0679828E+02 4.0673813E+02 4.0678406E+02
9.484623E+02 4.0633075E+02 4.0633481E+02 4.0630676E+02 4.0633075E+02
4.0633514E+02 4.0628598E+02 4.0633072E+02
9.534870E+02 4.0620062E+02 4.0620401E+02 4.0617621E+02 4.0620062E+02
4.0620392E+02 4.0615421E+02 4.0620044E+02

9.585121E+02 4.0607812E+02 4.0608145E+02 4.0605267E+02 4.0607806E+02
4.0608124E+02 4.0602927E+02 4.0607797E+02
9.635247E+02 4.0589392E+02 4.0589749E+02 4.0586798E+02 4.0589392E+02
4.0589740E+02 4.0584009E+02 4.0589380E+02
9.685247E+02 4.0586993E+02 4.0587338E+02 4.0584186E+02 4.0586993E+02
4.0587323E+02 4.0581430E+02 4.0586987E+02
9.735247E+02 4.0577350E+02 4.0577686E+02 4.0574408E+02 4.0577350E+02
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4.0565741E+02 4.0559659E+02 4.0565402E+02
9.835706E+02 4.0554089E+02 4.0554434E+02 4.0551068E+02 4.0554089E+02
4.0554434E+02 4.0548114E+02 4.0554086E+02
9.885706E+02 4.0550824E+02 4.0551172E+02 4.0547833E+02 4.0550827E+02
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4.0695917E+02 4.0691153E+02 4.0694296E+02
1.093917E+03 4.0662634E+02 4.0664182E+02 4.0660535E+02 4.0662634E+02
4.0664050E+02 4.0659369E+02 4.0662637E+02

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4.0603168E+02	4.0599121E+02	4.0602515E+02		
1.103988E+03	4.0583661E+02	4.0584012E+02	4.0581567E+02	4.0583661E+02
4.0584000E+02	4.0580014E+02	4.0583655E+02		
1.108988E+03	4.0583276E+02	4.0583926E+02	4.0581091E+02	4.0583273E+02
4.0583905E+02	4.0579810E+02	4.0583319E+02		
1.113988E+03	4.0549777E+02	4.0550119E+02	4.0547543E+02	4.0549774E+02
4.0550128E+02	4.0546106E+02	4.0549780E+02		
1.118988E+03	4.0535745E+02	4.0536105E+02	4.0533627E+02	4.0535745E+02
4.0536105E+02	4.0531555E+02	4.0535748E+02		
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4.0516644E+02	4.0511630E+02	4.0516385E+02		
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4.0482431E+02	4.0476956E+02	4.0482004E+02		
1.138988E+03	4.0484143E+02	4.0484521E+02	4.0481549E+02	4.0484140E+02
4.0484512E+02	4.0478876E+02	4.0484113E+02		
1.143988E+03	4.0486240E+02	4.0486584E+02	4.0483282E+02	4.0486240E+02
4.0486591E+02	4.0481299E+02	4.0486255E+02		
1.149029E+03	4.0467160E+02	4.0467438E+02	4.0464182E+02	4.0467148E+02
4.0467444E+02	4.0461996E+02	4.0467169E+02		
1.154029E+03	4.0476620E+02	4.0476987E+02	4.0473773E+02	4.0476624E+02
4.0476981E+02	4.0471240E+02	4.0476584E+02		
1.159029E+03	4.0467163E+02	4.0467523E+02	4.0464297E+02	4.0467178E+02
4.0467538E+02	4.0461621E+02	4.0467221E+02		
1.164029E+03	4.0480942E+02	4.0481302E+02	4.0478113E+02	4.0480945E+02
4.0481302E+02	4.0475641E+02	4.0480954E+02		
1.169073E+03	4.0461609E+02	4.0461978E+02	4.0458713E+02	4.0461594E+02
4.0461969E+02	4.0456561E+02	4.0461603E+02		
1.174073E+03	4.0455801E+02	4.0456116E+02	4.0452811E+02	4.0455814E+02
4.0456128E+02	4.0450015E+02	4.0455795E+02		
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4.0452722E+02	4.0446341E+02	4.0452377E+02		
1.184122E+03	4.0442838E+02	4.0443121E+02	4.0439557E+02	4.0442856E+02
4.0443149E+02	4.0436359E+02	4.0442935E+02		
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4.0439395E+02	4.0432336E+02	4.0438986E+02		
1.194184E+03	4.0426849E+02	4.0427130E+02	4.0423257E+02	4.0426816E+02
4.0427127E+02	4.0419662E+02	4.0426813E+02		
1.199231E+03	4.0426801E+02	4.0427139E+02	4.0423087E+02	4.0426822E+02
4.0427170E+02	4.0419797E+02	4.0426831E+02		
1.204231E+03	4.0433939E+02	4.0434299E+02	4.0430127E+02	4.0433948E+02
4.0434323E+02	4.0427869E+02	4.0433969E+02		
1.209231E+03	4.0431671E+02	4.0432074E+02	4.0428268E+02	4.0431659E+02
4.0432074E+02	4.0426663E+02	4.0431683E+02		
1.214231E+03	4.0424475E+02	4.0424838E+02	4.0421335E+02	4.0424472E+02
4.0424844E+02	4.0418619E+02	4.0424484E+02		
1.219231E+03	4.0417203E+02	4.0417569E+02	4.0413980E+02	4.0417203E+02
4.0417581E+02	4.0410623E+02	4.0417200E+02		
1.224231E+03	4.0424176E+02	4.0424356E+02	4.0420468E+02	4.0424203E+02
4.0424396E+02	4.0416870E+02	4.0424170E+02		
1.229231E+03	4.0398126E+02	4.0398422E+02	4.0394370E+02	4.0398148E+02
4.0398456E+02	4.0390576E+02	4.0398230E+02		
1.234231E+03	4.0391153E+02	4.0391501E+02	4.0387265E+02	4.0391156E+02
4.0391510E+02	4.0382867E+02	4.0391162E+02		

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1.509762E+03 3.9625180E+02 3.9625555E+02 3.9620770E+02 3.9625211E+02
3.9625574E+02 3.9615225E+02 3.9625223E+02
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1.524844E+03 3.9590512E+02 3.9590866E+02 3.9585446E+02 3.9590497E+02
3.9590845E+02 3.9580719E+02 3.9590475E+02
1.529844E+03 3.9564191E+02 3.9564566E+02 3.9559372E+02 3.9564151E+02
3.9564548E+02 3.9553696E+02 3.9564072E+02
1.534859E+03 3.9549527E+02 3.9549875E+02 3.9544507E+02 3.9549487E+02
3.9549863E+02 3.9537650E+02 3.9549435E+02
1.539868E+03 3.9546582E+02 3.9546979E+02 3.9541251E+02 3.9546564E+02
3.9546982E+02 3.9535233E+02 3.9546555E+02
1.544881E+03 3.9530246E+02 3.9530606E+02 3.9525003E+02 3.9530194E+02
3.9530600E+02 3.9519696E+02 3.9530060E+02
1.549901E+03 3.9502490E+02 3.9502960E+02 3.9497498E+02 3.9502377E+02
3.9502942E+02 3.9491220E+02 3.9502164E+02
1.554901E+03 3.9516998E+02 3.9517471E+02 3.9511899E+02 3.9516931E+02
3.9517471E+02 3.9503534E+02 3.9516721E+02
1.559921E+03 3.9533859E+02 3.9534274E+02 3.9528052E+02 3.9533847E+02
3.9534305E+02 3.9519397E+02 3.9533688E+02
1.564944E+03 3.9546161E+02 3.9546539E+02 3.9540125E+02 3.9546109E+02
3.9546606E+02 3.9532733E+02 3.9545865E+02
1.569956E+03 3.9558881E+02 3.9559427E+02 3.9551913E+02 3.9558838E+02
3.9560056E+02 3.9548740E+02 3.9558990E+02
1.574956E+03 3.9615439E+02 3.9617078E+02 3.9610489E+02 3.9615393E+02
3.9617340E+02 3.9608316E+02 3.9615430E+02
1.579956E+03 3.9645865E+02 3.9647528E+02 3.9642114E+02 3.9645825E+02
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1.584956E+03 3.9649292E+02 3.9650900E+02 3.9646078E+02 3.9649249E+02
3.9651163E+02 3.9642853E+02 3.9649255E+02
1.589956E+03 3.9633972E+02 3.9635165E+02 3.9630939E+02 3.9633945E+02
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1.599956E+03 3.9636072E+02 3.9636206E+02 3.9633972E+02 3.9636105E+02
3.9636282E+02 3.9622253E+02 3.9635666E+02
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3.9626633E+02 3.9610074E+02 3.9621082E+02
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3.9626520E+02 3.9608041E+02 3.9616684E+02
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3.9652872E+02 3.9619321E+02 3.9649615E+02
1.690150E+03 3.9655573E+02 3.9659866E+02 3.9638599E+02 3.9654749E+02
3.9656662E+02 3.9621252E+02 3.9649374E+02
1.695192E+03 3.9674368E+02 3.9678503E+02 3.9658047E+02 3.9673114E+02
3.9675116E+02 3.9639124E+02 3.9669089E+02
1.700202E+03 3.9688461E+02 3.9692380E+02 3.9670007E+02 3.9690454E+02
3.9690469E+02 3.9663696E+02 3.9698541E+02
1.705202E+03 3.9699490E+02 3.9701926E+02 3.9679776E+02 3.9698334E+02
3.9699109E+02 3.9677817E+02 3.9700638E+02
1.710202E+03 3.9692657E+02 3.9693484E+02 3.9674158E+02 3.9691980E+02
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1.715202E+03 3.9690933E+02 3.9692023E+02 3.9673557E+02 3.9690302E+02
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3.9719809E+02 3.9691183E+02 3.9715213E+02
1.735300E+03 3.9834375E+02 3.9833142E+02 3.9821942E+02 3.9838300E+02
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1.740300E+03 3.9854092E+02 3.9857037E+02 3.9846494E+02 3.9853183E+02
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1.755300E+03 3.9842432E+02 3.9843768E+02 3.9839447E+02 3.9842435E+02
3.9843823E+02 3.9836374E+02 3.9842603E+02
1.760300E+03 3.9851630E+02 3.9853113E+02 3.9848459E+02 3.9851599E+02
3.9853183E+02 3.9843753E+02 3.9851721E+02
1.765300E+03 3.9826285E+02 3.9827536E+02 3.9823352E+02 3.9826224E+02
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1.770300E+03 3.9862332E+02 3.9863803E+02 3.9858582E+02 3.9862228E+02
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1.785300E+03 3.9810635E+02 3.9811310E+02 3.9806311E+02 3.9810947E+02
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3.9796539E+02 3.9780826E+02 3.9795477E+02

1.800348E+03	3.9785992E+02	3.9786465E+02	3.9780017E+02	3.9785715E+02
3.9786462E+02	3.9770715E+02	3.9785559E+02		
1.805392E+03	3.9782162E+02	3.9782779E+02	3.9777148E+02	3.9782169E+02
3.9782809E+02	3.9764273E+02	3.9780765E+02		
1.810392E+03	3.9786938E+02	3.9787424E+02	3.9781427E+02	3.9787122E+02
3.9787418E+02	3.9767657E+02	3.9785867E+02		
1.815392E+03	3.9786307E+02	3.9786710E+02	3.9780652E+02	3.9786517E+02
3.9786670E+02	3.9765964E+02	3.9785440E+02		
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3.9781107E+02	3.9758005E+02	3.9778531E+02		
1.825392E+03	3.9778842E+02	3.9779410E+02	3.9772668E+02	3.9778198E+02
3.9779343E+02	3.9754773E+02	3.9778043E+02		
1.830440E+03	3.9776404E+02	3.9776987E+02	3.9770532E+02	3.9775809E+02
3.9776794E+02	3.9749960E+02	3.9774197E+02		
1.835440E+03	3.9774692E+02	3.9775330E+02	3.9769342E+02	3.9773853E+02
3.9775195E+02	3.9746075E+02	3.9769992E+02		
1.840440E+03	3.9769644E+02	3.9770407E+02	3.9764941E+02	3.9768198E+02
3.9770285E+02	3.9739368E+02	3.9762570E+02		
1.845440E+03	3.9768686E+02	3.9769565E+02	3.9764343E+02	3.9766455E+02
3.9769452E+02	3.9737054E+02	3.9759265E+02		
1.850440E+03	3.9767868E+02	3.9768915E+02	3.9763840E+02	3.9764850E+02
3.9768762E+02	3.9735129E+02	3.9756537E+02		
1.855440E+03	3.9768384E+02	3.9769592E+02	3.9764380E+02	3.9764371E+02
3.9769376E+02	3.9734189E+02	3.9756610E+02		
1.860440E+03	3.9765240E+02	3.9766696E+02	3.9761450E+02	3.9761075E+02
3.9766385E+02	3.9729706E+02	3.9752811E+02		
1.865440E+03	3.9769376E+02	3.9771176E+02	3.9765775E+02	3.9765817E+02
3.9770969E+02	3.9732681E+02	3.9756238E+02		
1.870459E+03	3.9769098E+02	3.9771194E+02	3.9765723E+02	3.9764590E+02
3.9771063E+02	3.9732260E+02	3.9754279E+02		
1.875459E+03	3.9768637E+02	3.9771069E+02	3.9765527E+02	3.9763248E+02
3.9770642E+02	3.9731165E+02	3.9753781E+02		
1.880459E+03	3.9767215E+02	3.9770020E+02	3.9764182E+02	3.9761029E+02
3.9769534E+02	3.9729245E+02	3.9751620E+02		
1.885502E+03	3.9767337E+02	3.9770300E+02	3.9764288E+02	3.9760071E+02
3.9768970E+02	3.9728668E+02	3.9751932E+02		
1.890502E+03	3.9769366E+02	3.9772525E+02	3.9766309E+02	3.9761758E+02
3.9770364E+02	3.9729956E+02	3.9754779E+02		
1.895548E+03	3.9771997E+02	3.9775693E+02	3.9768719E+02	3.9765466E+02
3.9773441E+02	3.9731082E+02	3.9762485E+02		
1.900587E+03	3.9772006E+02	3.9774725E+02	3.9766068E+02	3.9767801E+02
3.9772232E+02	3.9730923E+02	3.9765329E+02		
1.905594E+03	3.9771198E+02	3.9773474E+02	3.9765714E+02	3.9767947E+02
3.9771371E+02	3.9729910E+02	3.9762952E+02		
1.910599E+03	3.9776968E+02	3.9779565E+02	3.9771521E+02	3.9774124E+02
3.9778085E+02	3.9735117E+02	3.9768680E+02		
1.915604E+03	3.9773651E+02	3.9776526E+02	3.9768903E+02	3.9770374E+02
3.9774710E+02	3.9733640E+02	3.9763953E+02		
1.920619E+03	3.9769577E+02	3.9772836E+02	3.9764496E+02	3.9766068E+02
3.9770193E+02	3.9731085E+02	3.9760309E+02		
1.925623E+03	3.9770813E+02	3.9774628E+02	3.9766574E+02	3.9766953E+02
3.9770322E+02	3.9733676E+02	3.9760001E+02		
1.930635E+03	3.9766913E+02	3.9771210E+02	3.9763254E+02	3.9762543E+02
3.9765295E+02	3.9731302E+02	3.9753827E+02		
1.935664E+03	3.9767334E+02	3.9771716E+02	3.9764258E+02	3.9763251E+02
3.9764661E+02	3.9733627E+02	3.9755179E+02		

1.940709E+03	3.9768610E+02	3.9773019E+02	3.9766156E+02	3.9763885E+02
3.9765186E+02	3.9738113E+02	3.9753177E+02		
1.945709E+03	3.9769186E+02	3.9774109E+02	3.9767352E+02	3.9763516E+02
3.9765802E+02	3.9740915E+02	3.9756403E+02		
1.950755E+03	3.9768460E+02	3.9773499E+02	3.9767087E+02	3.9763446E+02
3.9767203E+02	3.9741364E+02	3.9757312E+02		
1.955762E+03	3.9768616E+02	3.9773163E+02	3.9766635E+02	3.9765158E+02
3.9768030E+02	3.9741708E+02	3.9758075E+02		
1.960784E+03	3.9763895E+02	3.9768298E+02	3.9761826E+02	3.9760388E+02
3.9762790E+02	3.9737787E+02	3.9753296E+02		
1.965832E+03	3.9763626E+02	3.9767798E+02	3.9761636E+02	3.9759979E+02
3.9761563E+02	3.9737372E+02	3.9753348E+02		
1.970878E+03	3.9764038E+02	3.9768179E+02	3.9761639E+02	3.9760901E+02
3.9762503E+02	3.9738501E+02	3.9755609E+02		
1.975889E+03	3.9765314E+02	3.9769287E+02	3.9762299E+02	3.9762109E+02
3.9763870E+02	3.9739841E+02	3.9757959E+02		
1.980934E+03	3.9780240E+02	3.9783246E+02	3.9775726E+02	3.9777283E+02
3.9778677E+02	3.9754767E+02	3.9773117E+02		
1.985934E+03	3.9917297E+02	3.9917062E+02	3.9907892E+02	3.9916531E+02
3.9915225E+02	3.9897211E+02	3.9922006E+02		
1.990934E+03	3.9898993E+02	3.9901175E+02	3.9893732E+02	3.9902734E+02
3.9903522E+02	3.9893207E+02	3.9902899E+02		
1.995934E+03	3.9878546E+02	3.9880792E+02	3.9873868E+02	3.9878284E+02
3.9880035E+02	3.9870715E+02	3.9879843E+02		
2.000034E+03	3.9871033E+02	3.9872583E+02	3.9865848E+02	3.9870789E+02
3.9872327E+02	3.9860977E+02	3.9871594E+02		

TIME (sec)	TSAT991901	TSAT992205	TSAT992305	TSAT992405
TSAT992505	TSAT992605	TSAT992705		
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2.9246686E+02	2.9584998E+02	3.0111267E+02		
1.003469E-01	5.6052484E+02	2.7388742E+02	2.8611679E+02	2.8732037E+02
2.9287503E+02	2.9627512E+02	3.0169232E+02		
2.016405E-01	5.6050751E+02	2.7436264E+02	2.8642868E+02	2.8788803E+02
2.9425089E+02	2.9767902E+02	3.0343103E+02		
3.143499E-01	5.6045795E+02	2.7581909E+02	2.8753961E+02	2.9006348E+02
2.9868619E+02	3.0218817E+02	3.0797009E+02		
4.176774E-01	5.6040662E+02	2.7733585E+02	2.8890100E+02	2.9281653E+02
3.0319223E+02	3.0666882E+02	3.1234778E+02		
5.179474E-01	5.6036151E+02	2.7808820E+02	2.8984106E+02	2.9467120E+02
3.0606824E+02	3.0972702E+02	3.1575458E+02		
6.236274E-01	5.6031079E+02	2.7913519E+02	2.9119107E+02	2.9725711E+02
3.0991229E+02	3.1387802E+02	3.2067224E+02		
7.657229E-01	5.6023297E+02	2.8083685E+02	2.9361627E+02	3.0183954E+02
3.1674716E+02	3.2143268E+02	3.2947946E+02		
8.878756E-01	5.6016528E+02	2.8202213E+02	2.9571011E+02	3.0576913E+02
3.2269659E+02	3.2805945E+02	3.3666910E+02		
9.933645E-01	5.6010760E+02	2.8305829E+02	2.9773611E+02	3.0958096E+02
3.2829828E+02	3.3399838E+02	3.4268463E+02		
1.524044E+00	5.5983820E+02	2.8849118E+02	3.1164273E+02	3.3242014E+02
3.5424954E+02	3.5951212E+02	3.6505414E+02		
2.030162E+00	5.5957507E+02	2.9718704E+02	3.3208286E+02	3.5375616E+02
3.6953467E+02	3.7462128E+02	3.7723071E+02		
2.550346E+00	5.5921906E+02	3.1154068E+02	3.5268228E+02	3.6859222E+02
3.7711340E+02	3.8296692E+02	3.8406354E+02		
3.062366E+00	5.5887646E+02	3.2667014E+02	3.6652466E+02	3.7596222E+02
3.7926682E+02	3.8706232E+02	3.8785376E+02		

3.562366E+00	5.5820935E+02	3.3975769E+02	3.7400378E+02	3.7946158E+02
3.8205701E+02	3.8960120E+02	3.9021768E+02		
4.082775E+00	5.5736926E+02	3.4798276E+02	3.7787625E+02	3.8046872E+02
3.8179160E+02	3.8810663E+02	3.9047357E+02		
4.604100E+00	5.5660364E+02	3.5108951E+02	3.7892023E+02	3.7875153E+02
3.8150797E+02	3.8372485E+02	3.8820035E+02		
5.125216E+00	5.5589349E+02	3.5070917E+02	3.7568671E+02	3.7901859E+02
3.8352505E+02	3.8540768E+02	3.8711069E+02		
5.625216E+00	5.5526093E+02	3.4980817E+02	3.7144162E+02	3.7870346E+02
3.8213412E+02	3.8830881E+02	3.8742862E+02		
6.125216E+00	5.5468890E+02	3.5123248E+02	3.7002310E+02	3.7844406E+02
3.7920926E+02	3.8904364E+02	3.8870395E+02		
6.625216E+00	5.5416376E+02	3.5726837E+02	3.7249847E+02	3.7811462E+02
3.7853690E+02	3.8900912E+02	3.8932391E+02		
7.125216E+00	5.5371167E+02	3.6549445E+02	3.7658011E+02	3.7822348E+02
3.7847952E+02	3.8935394E+02	3.8979327E+02		
7.625216E+00	5.5334711E+02	3.7265662E+02	3.8034262E+02	3.7900858E+02
3.7901483E+02	3.8951566E+02	3.9003809E+02		
8.125216E+00	5.5303589E+02	3.7762222E+02	3.8297870E+02	3.8058475E+02
3.8033047E+02	3.8955261E+02	3.8995111E+02		
8.625216E+00	5.5285675E+02	3.8096790E+02	3.8481720E+02	3.8234555E+02
3.8202887E+02	3.9054755E+02	3.9019159E+02		
9.146049E+00	5.5297467E+02	3.8332257E+02	3.8625375E+02	3.8395465E+02
3.8365076E+02	3.9171655E+02	3.9086554E+02		
9.646049E+00	5.5319434E+02	3.8482599E+02	3.8720984E+02	3.8508026E+02
3.8480313E+02	3.9202667E+02	3.9142154E+02		
1.014605E+01	5.5332166E+02	3.8595660E+02	3.8804828E+02	3.8604510E+02
3.8577347E+02	3.9183365E+02	3.9162451E+02		
1.064605E+01	5.5330920E+02	3.8682690E+02	3.8874097E+02	3.8687625E+02
3.8661511E+02	3.9140848E+02	3.9144489E+02		
1.114605E+01	5.5316864E+02	3.8750162E+02	3.8927014E+02	3.8757938E+02
3.8733615E+02	3.9098026E+02	3.9107755E+02		
1.164605E+01	5.5305304E+02	3.8802963E+02	3.8965311E+02	3.8816406E+02
3.8794370E+02	3.9066727E+02	3.9070731E+02		
1.214605E+01	5.5284943E+02	3.8844891E+02	3.8992853E+02	3.8863937E+02
3.8844412E+02	3.9052982E+02	3.9044595E+02		
1.264605E+01	5.5254846E+02	3.8880109E+02	3.9014792E+02	3.8903610E+02
3.8886386E+02	3.9055823E+02	3.9033936E+02		
1.314605E+01	5.5227960E+02	3.8912207E+02	3.9035663E+02	3.8938937E+02
3.8923660E+02	3.9071732E+02	3.9037585E+02		
1.364605E+01	5.5172675E+02	3.8942368E+02	3.9057031E+02	3.8971378E+02
3.8957687E+02	3.9096985E+02	3.9051801E+02		
1.414605E+01	5.5118176E+02	3.8972546E+02	3.9080667E+02	3.9003253E+02
3.8990775E+02	3.9129993E+02	3.9074411E+02		
1.464605E+01	5.5053204E+02	3.9005865E+02	3.9109167E+02	3.9038025E+02
3.9026398E+02	3.9170309E+02	3.9108350E+02		
1.514605E+01	5.4983057E+02	3.9044785E+02	3.9144336E+02	3.9078043E+02
3.9066931E+02	3.9219864E+02	3.9155246E+02		
1.564605E+01	5.4915460E+02	3.9090323E+02	3.9186737E+02	3.9124667E+02
3.9114264E+02	3.9275696E+02	3.9212015E+02		
1.614605E+01	5.4849683E+02	3.9140244E+02	3.9234100E+02	3.9175778E+02
3.9165793E+02	3.9332437E+02	3.9272870E+02		
1.664605E+01	5.4784845E+02	3.9190860E+02	3.9282840E+02	3.9227698E+02
3.9218015E+02	3.9389282E+02	3.9333682E+02		
1.714605E+01	5.4719708E+02	3.9237543E+02	3.9328345E+02	3.9275998E+02
3.9266666E+02	3.9444336E+02	3.9391159E+02		

1.764605E+01 5.4656494E+02 3.9283795E+02 3.9374179E+02 3.9324048E+02
3.9314923E+02 3.9498349E+02 3.9448169E+02
1.814605E+01 5.4601947E+02 3.9330829E+02 3.9421713E+02 3.9373126E+02
3.9364172E+02 3.9553040E+02 3.9505832E+02
1.864605E+01 5.4539844E+02 3.9378555E+02 3.9471127E+02 3.9423264E+02
3.9414404E+02 3.9609076E+02 3.9564362E+02
1.914605E+01 5.4486212E+02 3.9426376E+02 3.9522021E+02 3.9473923E+02
3.9464999E+02 3.9665952E+02 3.9623050E+02
1.964605E+01 5.4439130E+02 3.9472812E+02 3.9572833E+02 3.9523679E+02
3.9514514E+02 3.9720651E+02 3.9680130E+02
2.014605E+01 5.4392841E+02 3.9516174E+02 3.9620822E+02 3.9570490E+02
3.9561038E+02 3.9769363E+02 3.9732919E+02
2.064605E+01 5.4352112E+02 3.9554807E+02 3.9664117E+02 3.9612686E+02
3.9602988E+02 3.9808554E+02 3.9778592E+02
2.114605E+01 5.4315564E+02 3.9587891E+02 3.9702002E+02 3.9649536E+02
3.9639679E+02 3.9839191E+02 3.9815750E+02
2.164605E+01 5.4282092E+02 3.9615314E+02 3.9734329E+02 3.9680936E+02
3.9670935E+02 3.9864029E+02 3.9845020E+02
2.214605E+01 5.4253619E+02 3.9638104E+02 3.9761841E+02 3.9707730E+02
3.9697595E+02 3.9884134E+02 3.9868146E+02
2.266648E+01 5.4224908E+02 3.9659003E+02 3.9787234E+02 3.9732620E+02
3.9722363E+02 3.9902841E+02 3.9888434E+02
2.318409E+01 5.4197137E+02 3.9678293E+02 3.9810541E+02 3.9755679E+02
3.9745319E+02 3.9920834E+02 3.9906882E+02
2.368409E+01 5.4171301E+02 3.9695215E+02 3.9830896E+02 3.9776111E+02
3.9765686E+02 3.9936731E+02 3.9922736E+02
2.418409E+01 5.4141693E+02 3.9710785E+02 3.9849332E+02 3.9794989E+02
3.9784543E+02 3.9950342E+02 3.9935828E+02
2.468420E+01 5.4112201E+02 3.9724762E+02 3.9865414E+02 3.9811978E+02
3.9801566E+02 3.9960886E+02 3.9945868E+02
2.518866E+01 5.4080432E+02 3.9737787E+02 3.9879678E+02 3.9827637E+02
3.9817374E+02 3.9971860E+02 3.9954822E+02
2.570592E+01 5.4047766E+02 3.9750436E+02 3.9892621E+02 3.9842419E+02
3.9832407E+02 3.9988660E+02 3.9964996E+02
2.622136E+01 5.4014526E+02 3.9762695E+02 3.9905136E+02 3.9856885E+02
3.9849539E+02 4.0007068E+02 3.9977399E+02
2.673972E+01 5.3984253E+02 3.9770270E+02 3.9914987E+02 3.9868494E+02
3.9866141E+02 4.0023044E+02 3.9988995E+02
2.724740E+01 5.3955054E+02 3.9777817E+02 3.9924609E+02 3.9879361E+02
3.9883118E+02 4.0039731E+02 4.0001028E+02
2.776852E+01 5.3925128E+02 3.9785849E+02 3.9935248E+02 3.9890436E+02
3.9902966E+02 4.0058649E+02 4.0012708E+02
2.828743E+01 5.3894550E+02 3.9792819E+02 3.9946609E+02 3.9901126E+02
3.9934442E+02 4.0081003E+02 4.0024066E+02
2.878743E+01 5.3864478E+02 3.9800351E+02 3.9959427E+02 3.9912692E+02
3.9957120E+02 4.0101871E+02 4.0036398E+02
2.928743E+01 5.3833765E+02 3.9808832E+02 3.9973975E+02 3.9925412E+02
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4.0002591E+02 4.0139511E+02 4.0121573E+02
3.028743E+01 5.3771356E+02 3.9827023E+02 4.0006213E+02 3.9952670E+02
4.0021082E+02 4.0154672E+02 4.0217630E+02
3.078743E+01 5.3739825E+02 3.9836765E+02 4.0023297E+02 3.9967242E+02
4.0040820E+02 4.0171353E+02 4.0288889E+02
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3.178743E+01 5.3675684E+02 3.9857532E+02 4.0058902E+02 3.9997922E+02
4.0096738E+02 4.0226346E+02 4.0344073E+02
3.228743E+01 5.3642609E+02 3.9868744E+02 4.0078046E+02 4.0013974E+02
4.0131711E+02 4.0259210E+02 4.0354053E+02
3.278743E+01 5.3609668E+02 3.9880527E+02 4.0098544E+02 4.0030536E+02
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4.0354190E+02 4.0421237E+02 4.0415817E+02
4.086869E+01 5.2984509E+02 4.0109073E+02 4.0357190E+02 4.0311258E+02
4.0360876E+02 4.0422525E+02 4.0417120E+02
4.137451E+01 5.2945178E+02 4.0123871E+02 4.0364087E+02 4.0322440E+02
4.0367206E+02 4.0424271E+02 4.0418958E+02
4.188536E+01 5.2904175E+02 4.0138748E+02 4.0370651E+02 4.0332864E+02
4.0372568E+02 4.0425955E+02 4.0420801E+02
4.239460E+01 5.2862830E+02 4.0154489E+02 4.0377750E+02 4.0343451E+02
4.0378354E+02 4.0428522E+02 4.0423526E+02
4.290141E+01 5.2820154E+02 4.0170880E+02 4.0385107E+02 4.0354120E+02
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4.442013E+01 5.2692346E+02 4.0225879E+02 4.0411066E+02 4.0388956E+02
4.0407941E+02 4.0447827E+02 4.0443378E+02
4.493227E+01 5.2649036E+02 4.0246115E+02 4.0421182E+02 4.0401593E+02
4.0418030E+02 4.0455038E+02 4.0451276E+02
4.543827E+01 5.2605658E+02 4.0266406E+02 4.0431406E+02 4.0414108E+02
4.0428357E+02 4.0462534E+02 4.0459921E+02

4.593893E+01 5.2564764E+02 4.0286221E+02 4.0441296E+02 4.0426065E+02
4.0438516E+02 4.0469888E+02 4.0468411E+02
4.644418E+01 5.2525818E+02 4.0305453E+02 4.0450397E+02 4.0437131E+02
4.0448163E+02 4.0476617E+02 4.0475983E+02
4.695213E+01 5.2488361E+02 4.0323865E+02 4.0458832E+02 4.0447202E+02
4.0456714E+02 4.0482831E+02 4.0482803E+02
4.745940E+01 5.2451276E+02 4.0340872E+02 4.0466220E+02 4.0455881E+02
4.0463968E+02 4.0488260E+02 4.0488568E+02
4.797015E+01 5.2414081E+02 4.0356561E+02 4.0472589E+02 4.0463358E+02
4.0470526E+02 4.0493054E+02 4.0493359E+02
4.847311E+01 5.2378210E+02 4.0370633E+02 4.0477982E+02 4.0469626E+02
4.0476404E+02 4.0497104E+02 4.0497159E+02
4.898312E+01 5.2342249E+02 4.0383246E+02 4.0482388E+02 4.0474652E+02
4.0480936E+02 4.0500061E+02 4.0499878E+02
4.948804E+01 5.2307562E+02 4.0394308E+02 4.0485886E+02 4.0478574E+02
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4.0490576E+02 4.0503833E+02 4.0503552E+02
5.199947E+01 5.2130505E+02 4.0434677E+02 4.0493829E+02 4.0488739E+02
4.0491434E+02 4.0503665E+02 4.0503210E+02
5.250106E+01 5.2098328E+02 4.0440225E+02 4.0494119E+02 4.0489307E+02
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5.402672E+01 5.1992078E+02 4.0452396E+02 4.0493292E+02 4.0488742E+02
4.0491071E+02 4.0500940E+02 4.0499686E+02
5.452872E+01 5.1957690E+02 4.0455191E+02 4.0492691E+02 4.0488120E+02
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5.503849E+01 5.1922461E+02 4.0457648E+02 4.0492062E+02 4.0487457E+02
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5.554660E+01 5.1886133E+02 4.0459958E+02 4.0491614E+02 4.0486978E+02
4.0489093E+02 4.0497934E+02 4.0496332E+02
5.606082E+01 5.1851208E+02 4.0461975E+02 4.0491104E+02 4.0486450E+02
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5.657179E+01 5.1818304E+02 4.0463470E+02 4.0490329E+02 4.0485681E+02
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5.707279E+01 5.1787732E+02 4.0464719E+02 4.0489554E+02 4.0484930E+02
4.0486844E+02 4.0494647E+02 4.0492911E+02
5.758298E+01 5.1757697E+02 4.0466135E+02 4.0489102E+02 4.0484515E+02
4.0486386E+02 4.0493832E+02 4.0492078E+02
5.810007E+01 5.1727039E+02 4.0467938E+02 4.0489197E+02 4.0484659E+02
4.0486508E+02 4.0493604E+02 4.0491833E+02
5.860656E+01 5.1695312E+02 4.0470209E+02 4.0489978E+02 4.0485480E+02
4.0487317E+02 4.0494089E+02 4.0492310E+02
5.912025E+01 5.1664594E+02 4.0473065E+02 4.0491486E+02 4.0487024E+02
4.0488843E+02 4.0495322E+02 4.0493524E+02
5.962025E+01 5.1635175E+02 4.0476340E+02 4.0493585E+02 4.0489160E+02
4.0490958E+02 4.0497189E+02 4.0495380E+02

6.012025E+01	5.1605670E+02	4.0479987E+02	4.0496185E+02	4.0491791E+02
4.0493549E+02	4.0499554E+02	4.0497733E+02		
6.062025E+01	5.1575659E+02	4.0484085E+02	4.0499356E+02	4.0494992E+02
4.0496716E+02	4.0502521E+02	4.0500702E+02		
6.112025E+01	5.1545312E+02	4.0488931E+02	4.0503366E+02	4.0499039E+02
4.0500705E+02	4.0506308E+02	4.0504504E+02		
6.162025E+01	5.1514240E+02	4.0494391E+02	4.0508081E+02	4.0503790E+02
4.0505392E+02	4.0510812E+02	4.0509024E+02		
6.212025E+01	5.1482513E+02	4.0500430E+02	4.0513446E+02	4.0509201E+02
4.0510721E+02	4.0515961E+02	4.0514191E+02		
6.262025E+01	5.1449921E+02	4.0506821E+02	4.0519229E+02	4.0515030E+02
4.0516476E+02	4.0521545E+02	4.0519806E+02		
6.312025E+01	5.1416663E+02	4.0513434E+02	4.0525284E+02	4.0521146E+02
4.0522501E+02	4.0527411E+02	4.0525702E+02		
6.362025E+01	5.1382654E+02	4.0520190E+02	4.0531525E+02	4.0527454E+02
4.0528720E+02	4.0533487E+02	4.0531808E+02		
6.412025E+01	5.1348303E+02	4.0526797E+02	4.0537656E+02	4.0533658E+02
4.0534836E+02	4.0539474E+02	4.0537820E+02		
6.462025E+01	5.1313721E+02	4.0532971E+02	4.0543387E+02	4.0539465E+02
4.0540555E+02	4.0545096E+02	4.0543460E+02		
6.514344E+01	5.1277203E+02	4.0538666E+02	4.0548648E+02	4.0544809E+02
4.0545810E+02	4.0550272E+02	4.0548651E+02		
6.566270E+01	5.1240814E+02	4.0543442E+02	4.0553030E+02	4.0549274E+02
4.0550198E+02	4.0554599E+02	4.0552991E+02		
6.618295E+01	5.1204510E+02	4.0547321E+02	4.0556552E+02	4.0552866E+02
4.0553711E+02	4.0558075E+02	4.0556473E+02		
6.668818E+01	5.1169128E+02	4.0550198E+02	4.0559109E+02	4.0555496E+02
4.0556284E+02	4.0560629E+02	4.0559045E+02		
6.719306E+01	5.1134357E+02	4.0552542E+02	4.0561169E+02	4.0557620E+02
4.0558337E+02	4.0562665E+02	4.0561090E+02		
6.770707E+01	5.1100656E+02	4.0554297E+02	4.0562665E+02	4.0559180E+02
4.0559830E+02	4.0564160E+02	4.0562604E+02		
6.821601E+01	5.1066876E+02	4.0555524E+02	4.0563672E+02	4.0560242E+02
4.0560822E+02	4.0565161E+02	4.0563626E+02		
6.872067E+01	5.1033109E+02	4.0556290E+02	4.0564252E+02	4.0560876E+02
4.0561389E+02	4.0565738E+02	4.0564224E+02		
6.922510E+01	5.0999304E+02	4.0556635E+02	4.0564432E+02	4.0561108E+02
4.0561551E+02	4.0565903E+02	4.0564417E+02		
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4.0561560E+02	4.0565884E+02	4.0564450E+02		
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4.0559488E+02	4.0563870E+02	4.0562469E+02		
7.124079E+01	5.0853061E+02	4.0554465E+02	4.0561786E+02	4.0558658E+02
4.0558829E+02	4.0563202E+02	4.0561829E+02		
7.175066E+01	5.0814984E+02	4.0554163E+02	4.0561417E+02	4.0558337E+02
4.0558371E+02	4.0562869E+02	4.0561536E+02		
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4.0557983E+02	4.0562695E+02	4.0561395E+02		
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4.0556238E+02	4.0561792E+02	4.0560605E+02		

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3.9487073E+02	3.9493414E+02	3.9497983E+02		
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3.9354099E+02	3.9361020E+02	3.9364944E+02		
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3.9138568E+02	3.9148688E+02	3.9152731E+02		
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3.8996835E+02	3.9003574E+02	3.9007114E+02		
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3.8918781E+02	3.8930350E+02	3.8936172E+02		
1.514772E+03	3.9611630E+02	4.0355002E+02	3.9565463E+02	3.8839740E+02
3.8839429E+02	3.8852267E+02	3.8858322E+02		
1.519808E+03	3.9612616E+02	4.0346243E+02	3.9567679E+02	3.8766870E+02
3.8766672E+02	3.8780853E+02	3.8786472E+02		
1.524844E+03	3.9590814E+02	4.0346399E+02	3.9486649E+02	3.8681982E+02
3.8682773E+02	3.8698096E+02	3.8704874E+02		
1.529844E+03	3.9564502E+02	4.0339487E+02	3.9521506E+02	3.8618851E+02
3.8618527E+02	3.8633789E+02	3.8639807E+02		

1.534859E+03 3.9549860E+02 4.0336469E+02 3.9501486E+02 3.8539505E+02
3.8539267E+02 3.8551959E+02 3.8559024E+02
1.539868E+03 3.9546988E+02 4.0329208E+02 3.9541229E+02 3.8452060E+02
3.8452869E+02 3.8470288E+02 3.8476828E+02
1.544881E+03 3.9530576E+02 4.0323679E+02 3.9537750E+02 3.8356058E+02
3.8359851E+02 3.8384152E+02 3.8393161E+02
1.549901E+03 3.9502960E+02 4.0317612E+02 3.9620468E+02 3.8261133E+02
3.8261710E+02 3.8284775E+02 3.8291617E+02
1.554901E+03 3.9517459E+02 3.9801465E+02 3.9765936E+02 3.8468704E+02
3.8328189E+02 3.8308987E+02 3.8300418E+02
1.559921E+03 3.9534332E+02 3.9809314E+02 3.9736179E+02 3.8633075E+02
3.8301303E+02 3.8256271E+02 3.8251004E+02
1.564944E+03 3.9546613E+02 3.9810818E+02 3.9725342E+02 3.8644128E+02
3.8229498E+02 3.8248471E+02 3.8252274E+02
1.569956E+03 3.9563062E+02 3.9796518E+02 3.9717200E+02 3.8673062E+02
3.8245480E+02 3.8271310E+02 3.8374789E+02
1.574956E+03 3.9617578E+02 4.0189969E+02 3.9710580E+02 3.8716107E+02
3.8365445E+02 3.8366919E+02 3.9142920E+02
1.579956E+03 3.9647916E+02 4.0348535E+02 3.9708102E+02 3.8765259E+02
3.8501349E+02 3.8589676E+02 3.9146274E+02
1.584956E+03 3.9651254E+02 4.0415933E+02 3.9709274E+02 3.8828497E+02
3.9165277E+02 3.9168280E+02 3.9166925E+02
1.589956E+03 3.9635422E+02 4.0445483E+02 3.9711194E+02 3.8883679E+02
3.9184277E+02 3.9182520E+02 3.9180826E+02
1.594956E+03 3.9639499E+02 4.0463474E+02 3.9712497E+02 3.8919901E+02
3.9191666E+02 3.9190436E+02 3.9189307E+02
1.599956E+03 3.9635962E+02 4.0467926E+02 3.9714362E+02 3.8942065E+02
3.9195651E+02 3.9194980E+02 3.9194247E+02
1.604956E+03 3.9627274E+02 4.0467615E+02 3.9715903E+02 3.8953015E+02
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3.9187381E+02 3.9186557E+02 3.9185641E+02
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1.644972E+03 3.9626376E+02 4.0482101E+02 3.9884598E+02 3.9074875E+02
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1.649982E+03 3.9630438E+02 4.0487048E+02 3.9929282E+02 3.9090775E+02
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1.660028E+03 3.9634167E+02 4.0494766E+02 3.9972794E+02 3.9118863E+02
3.9204404E+02 3.9203622E+02 3.9202737E+02
1.665028E+03 3.9637244E+02 4.0498608E+02 3.9984000E+02 3.9131079E+02
3.9206561E+02 3.9205780E+02 3.9204904E+02
1.670048E+03 3.9644238E+02 4.0503748E+02 3.9993600E+02 3.9146222E+02
3.9211896E+02 3.9211115E+02 3.9210223E+02

1.675065E+03 3.9649225E+02 4.0509875E+02 4.0002618E+02 3.9160345E+02
3.9216571E+02 3.9215799E+02 3.9214923E+02
1.680108E+03 3.9645111E+02 4.0513635E+02 4.0008026E+02 3.9172940E+02
3.9220526E+02 3.9219809E+02 3.9218985E+02
1.685146E+03 3.9649786E+02 4.0521310E+02 4.0017404E+02 3.9188028E+02
3.9228079E+02 3.9227338E+02 3.9226501E+02
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3.9229080E+02 3.9228348E+02 3.9227518E+02
1.695192E+03 3.9674115E+02 4.0529654E+02 4.0027188E+02 3.9209604E+02
3.9235361E+02 3.9234561E+02 3.9233633E+02
1.700202E+03 3.9694342E+02 4.0540518E+02 4.0039551E+02 3.9228143E+02
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1.705202E+03 3.9701529E+02 4.0553186E+02 4.0053915E+02 3.9249261E+02
3.9261768E+02 3.9261124E+02 3.9260333E+02
1.710202E+03 3.9693427E+02 4.0555914E+02 4.0057077E+02 3.9255194E+02
3.9264154E+02 3.9263605E+02 3.9262918E+02
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1.735300E+03 3.9842133E+02 4.0587250E+02 4.0092477E+02 3.9308914E+02
3.9295502E+02 3.9294833E+02 3.9293842E+02
1.740300E+03 3.9858304E+02 4.0607739E+02 4.0115604E+02 3.9336441E+02
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1.760300E+03 3.9853360E+02 4.0659525E+02 4.0173935E+02 3.9403714E+02
3.9400000E+02 3.9399533E+02 3.9398755E+02
1.765300E+03 3.9827811E+02 4.0658990E+02 4.0173361E+02 3.9404022E+02
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1.770300E+03 3.9864166E+02 4.0664148E+02 4.0179102E+02 3.9410886E+02
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1.775300E+03 3.9918784E+02 4.0676215E+02 4.0192694E+02 3.9427588E+02
3.9426151E+02 3.9425629E+02 3.9424725E+02
1.780300E+03 3.9851868E+02 4.0683838E+02 4.0201294E+02 3.9436682E+02
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3.9428754E+02 3.9428394E+02 3.9427884E+02
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1.795348E+03 3.9796042E+02 4.0654294E+02 4.0167038E+02 3.9403690E+02
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3.9410199E+02 3.9409610E+02 3.9408914E+02
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3.9407550E+02 3.9406848E+02 3.9406046E+02
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1.845440E+03 3.9768884E+02 4.0657364E+02 4.0171454E+02 3.9413617E+02
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1.850440E+03 3.9767291E+02 4.0659308E+02 4.0173730E+02 3.9415381E+02
3.9399734E+02 3.9398993E+02 3.9398148E+02
1.855440E+03 3.9766422E+02 4.0659689E+02 4.0174216E+02 3.9416415E+02
3.9399347E+02 3.9398602E+02 3.9397751E+02
1.860440E+03 3.9761618E+02 4.0661542E+02 4.0176331E+02 3.9417923E+02
3.9399564E+02 3.9398822E+02 3.9397971E+02
1.865440E+03 3.9766238E+02 4.0663864E+02 4.0178967E+02 3.9420850E+02
3.9401324E+02 3.9400598E+02 3.9399771E+02
1.870459E+03 3.9767297E+02 4.0665399E+02 4.0180664E+02 3.9422156E+02
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1.880459E+03 3.9767990E+02 4.0669052E+02 4.0184775E+02 3.9425684E+02
3.9403210E+02 3.9402469E+02 3.9401620E+02
1.885502E+03 3.9769141E+02 4.0671490E+02 4.0187537E+02 3.9427588E+02
3.9404251E+02 3.9403500E+02 3.9402640E+02
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1.895548E+03 3.9775351E+02 4.0677298E+02 4.0194067E+02 3.9432956E+02
3.9408276E+02 3.9407535E+02 3.9406689E+02
1.900587E+03 3.9774442E+02 4.0680069E+02 4.0197180E+02 3.9435858E+02
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1.905594E+03 3.9772397E+02 4.0681650E+02 4.0197955E+02 3.9435876E+02
3.9410648E+02 3.9409988E+02 3.9409232E+02
1.910599E+03 3.9778119E+02 4.0683499E+02 4.0200854E+02 3.9437579E+02
3.9411911E+02 3.9411206E+02 3.9410388E+02
1.915604E+03 3.9771439E+02 4.0683826E+02 4.0199930E+02 3.9437009E+02
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1.920619E+03 3.9765344E+02 4.0684698E+02 4.0202200E+02 3.9437329E+02
3.9410818E+02 3.9410083E+02 3.9409238E+02
1.925623E+03 3.9763846E+02 4.0685529E+02 4.0202768E+02 3.9436868E+02
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1.930635E+03 3.9757867E+02 4.0686560E+02 4.0204343E+02 3.9436987E+02
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1.935664E+03 3.9757599E+02 4.0687665E+02 4.0205527E+02 3.9437634E+02
3.9410001E+02 3.9409253E+02 3.9408389E+02
1.940709E+03 3.9757074E+02 4.0689157E+02 4.0207236E+02 3.9437659E+02
3.9409772E+02 3.9409021E+02 3.9408160E+02
1.945709E+03 3.9757156E+02 4.0691080E+02 4.0209442E+02 3.9439160E+02
3.9410828E+02 3.9410062E+02 3.9409183E+02
1.950755E+03 3.9758347E+02 4.0692978E+02 4.0211569E+02 3.9439902E+02
3.9411386E+02 3.9410648E+02 3.9409793E+02

1.955762E+03	3.9760410E+02	4.0694208E+02	4.0212875E+02	3.9439859E+02
3.9411099E+02	3.9410352E+02	3.9409485E+02		
1.960784E+03	3.9755820E+02	4.0694830E+02	4.0213660E+02	3.9439401E+02
3.9410596E+02	3.9409854E+02	3.9409006E+02		
1.965832E+03	3.9755371E+02	4.0698053E+02	4.0217285E+02	3.9441522E+02
3.9412384E+02	3.9411615E+02	3.9410724E+02		
1.970878E+03	3.9757394E+02	4.0699313E+02	4.0218512E+02	3.9441687E+02
3.9412292E+02	3.9411530E+02	3.9410654E+02		
1.975889E+03	3.9759299E+02	4.0703033E+02	4.0222827E+02	3.9444266E+02
3.9414804E+02	3.9414038E+02	3.9413153E+02		
1.980934E+03	3.9774313E+02	4.0705618E+02	4.0225781E+02	3.9446393E+02
3.9416891E+02	3.9416141E+02	3.9415265E+02		
1.985934E+03	3.9912521E+02	4.0720193E+02	4.0242123E+02	3.9462256E+02
3.9432742E+02	3.9431927E+02	3.9430875E+02		
1.990934E+03	3.9905148E+02	4.0747632E+02	4.0272855E+02	3.9491522E+02
3.9466733E+02	3.9466064E+02	3.9464951E+02		
1.995934E+03	3.9881531E+02	4.0754391E+02	4.0280502E+02	3.9494522E+02
3.9477866E+02	3.9477338E+02	3.9476498E+02		
2.000034E+03	3.9873187E+02	4.0758105E+02	4.0284711E+02	3.9497244E+02
3.9482919E+02	3.9482385E+02	3.9481595E+02		

TIME (sec)	TSAT992805	TSAT992905	TSAT993005	TSAT993105
TSAT993205	TSAT993305	TSAT993405		
1.000000E-10	3.0857220E+02	3.1000543E+02	3.1531778E+02	3.2154901E+02
3.2410522E+02	3.2407907E+02	3.2392053E+02		
1.003469E-01	3.0890823E+02	3.1045428E+02	3.1573621E+02	3.2214215E+02
3.2511237E+02	3.2873306E+02	3.2415894E+02		
2.016405E-01	3.0995551E+02	3.1173328E+02	3.1700745E+02	3.2495639E+02
3.3187155E+02	3.3914258E+02	3.2517569E+02		
3.143499E-01	3.1353973E+02	3.1590051E+02	3.2289505E+02	3.3876624E+02
3.4813354E+02	3.5253333E+02	3.2868759E+02		
4.176774E-01	3.1822791E+02	3.2159311E+02	3.3117374E+02	3.4988474E+02
3.5710672E+02	3.6007159E+02	3.3295721E+02		
5.179474E-01	3.2254654E+02	3.2673825E+02	3.3767484E+02	3.5662604E+02
3.6287885E+02	3.6550772E+02	3.3784052E+02		
6.236274E-01	3.2875162E+02	3.3352060E+02	3.4498459E+02	3.6330283E+02
3.6838354E+02	3.7005927E+02	3.4310040E+02		
7.657229E-01	3.3862448E+02	3.4333133E+02	3.5411389E+02	3.7026624E+02
3.7363174E+02	3.7467374E+02	3.4955725E+02		
8.878756E-01	3.4582477E+02	3.5018201E+02	3.5999084E+02	3.7440997E+02
3.7695779E+02	3.7774725E+02	3.5432117E+02		
9.933645E-01	3.5140762E+02	3.5537952E+02	3.6427448E+02	3.7731052E+02
3.7933401E+02	3.7995776E+02	3.5789307E+02		
1.524044E+00	3.7042215E+02	3.7297211E+02	3.7831152E+02	3.8616742E+02
3.8703339E+02	3.8725104E+02	3.7030746E+02		
2.030162E+00	3.8104877E+02	3.8290714E+02	3.8627872E+02	3.9122357E+02
3.9162454E+02	3.9171735E+02	3.7798886E+02		
2.550346E+00	3.8749088E+02	3.8908618E+02	3.9127936E+02	3.9447751E+02
3.9482578E+02	3.9486935E+02	3.8335583E+02		
3.062366E+00	3.9079736E+02	3.9239291E+02	3.9409299E+02	3.9642316E+02
3.9666824E+02	3.9668533E+02	3.8612967E+02		
3.562366E+00	3.9248715E+02	3.9453522E+02	3.9599759E+02	3.9760706E+02
3.9766565E+02	3.9766803E+02	3.8688132E+02		
4.082775E+00	3.9478021E+02	3.9585681E+02	3.9707385E+02	3.9817599E+02
3.9820551E+02	3.9819937E+02	3.8698560E+02		
4.604100E+00	3.9216684E+02	3.9559344E+02	3.9734711E+02	3.9840417E+02
3.9843161E+02	3.9842584E+02	3.8756177E+02		

5.125216E+00 3.8893832E+02 3.9406174E+02 3.9706357E+02 3.9846881E+02
3.9856555E+02 3.9856766E+02 3.8880603E+02
5.625216E+00 3.8763876E+02 3.9180420E+02 3.9634470E+02 3.9799341E+02
3.9873376E+02 3.9877039E+02 3.9037390E+02
6.125216E+00 3.8845615E+02 3.9035364E+02 3.9544849E+02 3.9758862E+02
3.9912405E+02 3.9916879E+02 3.9192554E+02
6.625216E+00 3.8936392E+02 3.9033316E+02 3.9515933E+02 3.9880719E+02
3.9982965E+02 3.9982901E+02 3.9340884E+02
7.125216E+00 3.9000537E+02 3.9085538E+02 3.9617267E+02 4.0035312E+02
4.0064282E+02 4.0063232E+02 3.9468759E+02
7.625216E+00 3.9031616E+02 3.9120023E+02 3.9725903E+02 4.0111203E+02
4.0118668E+02 4.0117108E+02 3.9542093E+02
8.125216E+00 3.9024335E+02 3.9118759E+02 3.9725677E+02 4.0134567E+02
4.0137064E+02 4.0135629E+02 3.9580859E+02
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4.0150351E+02 4.0149017E+02 3.9625684E+02
9.146049E+00 3.9056232E+02 3.9101273E+02 3.9625131E+02 4.0148871E+02
4.0154666E+02 4.0153424E+02 3.9662036E+02
9.646049E+00 3.9103198E+02 3.9088791E+02 3.9520697E+02 3.9990845E+02
4.0137772E+02 4.0136783E+02 3.9665897E+02
1.014605E+01 3.9138593E+02 3.9091260E+02 3.9420370E+02 3.9776212E+02
4.0069199E+02 4.0112540E+02 3.9653745E+02
1.064605E+01 3.9138525E+02 3.9093881E+02 3.9328348E+02 3.9588058E+02
3.9905478E+02 4.0081314E+02 3.9634464E+02
1.114605E+01 3.9110770E+02 3.9085010E+02 3.9248334E+02 3.9435233E+02
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6.112025E+01 4.0503644E+02 4.0501797E+02 4.0506750E+02 4.0506924E+02
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9.685247E+02 4.0447437E+02 4.0446680E+02 4.0445514E+02 4.0444601E+02
4.0444275E+02 4.0444720E+02 4.0443839E+02
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4.0444330E+02 4.0444382E+02 4.0443469E+02
9.785247E+02 4.0442773E+02 4.0442123E+02 4.0440994E+02 4.0440048E+02
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9.835706E+02 4.0448022E+02 4.0447375E+02 4.0446255E+02 4.0445319E+02
4.0444949E+02 4.0445016E+02 4.0444116E+02

9.885706E+02 4.0439832E+02 4.0439182E+02 4.0438058E+02 4.0437115E+02
4.0436746E+02 4.0436810E+02 4.0435892E+02
9.935714E+02 4.0444296E+02 4.0443643E+02 4.0442529E+02 4.0441602E+02
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1.559921E+03 3.8256982E+02 3.8491534E+02 3.9138495E+02 3.9137405E+02
3.9136447E+02 3.9135861E+02 3.9129230E+02
1.564944E+03 3.8285092E+02 3.8705005E+02 3.9142487E+02 3.9140854E+02
3.9140009E+02 3.9139594E+02 3.9136261E+02
1.569956E+03 3.8951050E+02 3.9137268E+02 3.9138217E+02 3.9135471E+02
3.9134546E+02 3.9134247E+02 3.9125565E+02
1.574956E+03 3.9141644E+02 3.9140195E+02 3.9137521E+02 3.9134247E+02
3.9133206E+02 3.9133002E+02 3.9119000E+02
1.579956E+03 3.9144211E+02 3.9142972E+02 3.9140787E+02 3.9138281E+02
3.9137488E+02 3.9137457E+02 3.9129507E+02
1.584956E+03 3.9166028E+02 3.9165259E+02 3.9163855E+02 3.9162256E+02
3.9161652E+02 3.9161780E+02 3.9156644E+02
1.589956E+03 3.9179730E+02 3.9178909E+02 3.9177353E+02 3.9175494E+02
3.9174857E+02 3.9174918E+02 3.9167969E+02
1.594956E+03 3.9188654E+02 3.9188034E+02 3.9186880E+02 3.9185629E+02
3.9185162E+02 3.9185178E+02 3.9182700E+02
1.599956E+03 3.9193848E+02 3.9193332E+02 3.9192386E+02 3.9191403E+02
3.9190994E+02 3.9190997E+02 3.9189575E+02
1.604956E+03 3.9189996E+02 3.9189471E+02 3.9188480E+02 3.9187396E+02
3.9186960E+02 3.9186914E+02 3.9184579E+02
1.609956E+03 3.9186353E+02 3.9185803E+02 3.9184769E+02 3.9183640E+02
3.9183191E+02 3.9183179E+02 3.9180536E+02
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1.619956E+03 3.9185971E+02 3.9185403E+02 3.9184363E+02 3.9183264E+02
3.9182825E+02 3.9182877E+02 3.9180533E+02
1.624956E+03 3.9186838E+02 3.9186267E+02 3.9185223E+02 3.9184119E+02
3.9183676E+02 3.9183740E+02 3.9181354E+02
1.629956E+03 3.9187915E+02 3.9187344E+02 3.9186304E+02 3.9185202E+02
3.9184763E+02 3.9184824E+02 3.9182477E+02
1.634956E+03 3.9189523E+02 3.9188953E+02 3.9187909E+02 3.9186807E+02
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3.9189368E+02 3.9189432E+02 3.9187119E+02
1.649982E+03 3.9196295E+02 3.9195721E+02 3.9194684E+02 3.9193613E+02
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1.660028E+03 3.9202228E+02 3.9201666E+02 3.9200644E+02 3.9199591E+02
3.9199167E+02 3.9199243E+02 3.9197214E+02
1.665028E+03 3.9204401E+02 3.9203836E+02 3.9202811E+02 3.9201740E+02
3.9201309E+02 3.9201364E+02 3.9199136E+02
1.670048E+03 3.9209714E+02 3.9209149E+02 3.9208121E+02 3.9207065E+02
3.9206641E+02 3.9206717E+02 3.9204660E+02
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3.9215576E+02 3.9215659E+02 3.9213956E+02
1.685146E+03 3.9226035E+02 3.9225491E+02 3.9224503E+02 3.9223499E+02
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3.9230029E+02 3.9230136E+02 3.9228326E+02
1.700202E+03 3.9244119E+02 3.9243539E+02 3.9242545E+02 3.9241602E+02
3.9241214E+02 3.9241422E+02 3.9240482E+02
1.705202E+03 3.9259909E+02 3.9259372E+02 3.9258441E+02 3.9257605E+02
3.9257254E+02 3.9257422E+02 3.9257150E+02
1.710202E+03 3.9262549E+02 3.9262042E+02 3.9261130E+02 3.9260245E+02
3.9259869E+02 3.9259921E+02 3.9258881E+02
1.715202E+03 3.9261987E+02 3.9261426E+02 3.9260403E+02 3.9259351E+02
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1.735300E+03 3.9293335E+02 3.9292734E+02 3.9291776E+02 3.9291010E+02
3.9290659E+02 3.9291055E+02 3.9292853E+02
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3.9320129E+02 3.9320685E+02 3.9323398E+02
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3.9346118E+02 3.9346597E+02 3.9348825E+02
1.750300E+03 3.9371442E+02 3.9370810E+02 3.9369836E+02 3.9369086E+02
3.9368729E+02 3.9369177E+02 3.9371204E+02
1.755300E+03 3.9391962E+02 3.9391367E+02 3.9390414E+02 3.9389648E+02
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1.760300E+03 3.9398358E+02 3.9397803E+02 3.9396863E+02 3.9396042E+02
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1.765300E+03 3.9399738E+02 3.9399203E+02 3.9398294E+02 3.9397498E+02
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1.770300E+03 3.9406790E+02 3.9406256E+02 3.9405347E+02 3.9404556E+02
3.9404199E+02 3.9404401E+02 3.9405328E+02
1.775300E+03 3.9424258E+02 3.9423663E+02 3.9422733E+02 3.9422021E+02
3.9421677E+02 3.9422098E+02 3.9424301E+02
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3.9425021E+02 3.9425009E+02 3.9424078E+02
1.790312E+03 3.9406738E+02 3.9406223E+02 3.9405240E+02 3.9404181E+02
3.9403748E+02 3.9403683E+02 3.9401569E+02
1.795348E+03 3.9401431E+02 3.9400916E+02 3.9399979E+02 3.9399069E+02
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3.9402805E+02 3.9402850E+02 3.9401190E+02

1.830440E+03 3.9403003E+02 3.9402478E+02 3.9401529E+02 3.9400589E+02
3.9400208E+02 3.9400256E+02 3.9398532E+02
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3.9396634E+02 3.9396707E+02 3.9394925E+02
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3.9394604E+02 3.9394687E+02 3.9392926E+02
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1.860440E+03 3.9397495E+02 3.9396948E+02 3.9395966E+02 3.9394998E+02
3.9394611E+02 3.9394702E+02 3.9392981E+02
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3.9396472E+02 3.9396545E+02 3.9394861E+02
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1.940709E+03 3.9407697E+02 3.9407156E+02 3.9406189E+02 3.9405289E+02
3.9404929E+02 3.9405045E+02 3.9403616E+02
1.945709E+03 3.9408713E+02 3.9408167E+02 3.9407199E+02 3.9406305E+02
3.9405951E+02 3.9406082E+02 3.9404733E+02
1.950755E+03 3.9409341E+02 3.9408804E+02 3.9407855E+02 3.9406985E+02
3.9406641E+02 3.9406772E+02 3.9405508E+02
1.955762E+03 3.9409030E+02 3.9408490E+02 3.9407538E+02 3.9406680E+02
3.9406339E+02 3.9406482E+02 3.9405316E+02
1.960784E+03 3.9408548E+02 3.9408017E+02 3.9407065E+02 3.9406195E+02
3.9405853E+02 3.9405978E+02 3.9404681E+02
1.965832E+03 3.9410254E+02 3.9409711E+02 3.9408749E+02 3.9407883E+02
3.9407541E+02 3.9407678E+02 3.9406436E+02

1.970878E+03	3.9410193E+02	3.9409653E+02	3.9408707E+02	3.9407861E+02	3.9407529E+02
3.9407684E+02	3.9406586E+02				
1.975889E+03	3.9412689E+02	3.9412155E+02	3.9411203E+02	3.9410364E+02	3.9410031E+02
3.9410184E+02	3.9409155E+02				
1.980934E+03	3.9414816E+02	3.9414282E+02	3.9413339E+02	3.9412531E+02	3.9412216E+02
3.9412375E+02	3.9411523E+02				
1.985934E+03	3.9430377E+02	3.9429785E+02	3.9428802E+02	3.9428055E+02	3.9427759E+02
3.9428073E+02	3.9428806E+02				
1.990934E+03	3.9464612E+02	3.9463965E+02	3.9463126E+02	3.9462741E+02	3.9462527E+02
3.9463245E+02	3.9466113E+02				
1.995934E+03	3.9476132E+02	3.9475562E+02	3.9474643E+02	3.9473959E+02	3.9473645E+02
3.9473953E+02	3.9474823E+02				
2.000034E+03	3.9481241E+02	3.9480701E+02	3.9479800E+02	3.9479089E+02	3.9478766E+02
3.9478983E+02	3.9479828E+02				

TIME (sec)	TSAT993505	TSAT992206	TSAT992306	TSAT992406	TSAT992506
TSAT992606	TSAT992706				
1.000000E-10	2.8270142E+02	2.7317999E+02	2.8967044E+02	2.9604889E+02	2.9733792E+02
2.9680792E+02	3.0022937E+02				
1.003469E-01	2.8282230E+02	2.7317999E+02	2.8975742E+02	2.9613452E+02	2.9744016E+02
2.9711798E+02	3.0087622E+02				
2.016405E-01	2.8356357E+02	2.7317999E+02	2.9023172E+02	2.9647925E+02	2.9776370E+02
2.9818652E+02	3.0278558E+02				
3.143499E-01	2.8672345E+02	2.7317999E+02	2.9179745E+02	2.9766080E+02	3.0001608E+02
3.0212708E+02	3.0747098E+02				
4.176774E-01	2.9195505E+02	2.7317999E+02	2.9342825E+02	2.9913931E+02	3.0339990E+02
3.0613983E+02	3.1126279E+02				
5.179474E-01	2.9805566E+02	2.7426303E+02	2.9435611E+02	3.0015463E+02	3.0570285E+02
3.0863403E+02	3.1361441E+02				
6.236274E-01	3.0438892E+02	2.7590930E+02	2.9560916E+02	3.0165134E+02	3.0861267E+02
3.1155450E+02	3.1637546E+02				
7.657229E-01	3.1240125E+02	2.7842316E+02	2.9762231E+02	3.0427682E+02	3.1281509E+02
3.1571100E+02	3.2045209E+02				
8.878756E-01	3.1835968E+02	2.8005307E+02	2.9910107E+02	3.0633206E+02	3.1584244E+02
3.1881039E+02	3.2352945E+02				
9.933645E-01	3.2281747E+02	2.8139383E+02	3.0038696E+02	3.0816452E+02	3.1848810E+02
3.2160532E+02	3.2612646E+02				
1.524044E+00	3.3924966E+02	2.8694403E+02	3.0661395E+02	3.1781754E+02	3.3394550E+02
3.3962329E+02	3.3706555E+02				
2.030162E+00	3.5016629E+02	2.9132147E+02	3.1303354E+02	3.2952588E+02	3.5095065E+02
3.5643118E+02	3.4705646E+02				
2.550346E+00	3.5812222E+02	2.9495306E+02	3.1862189E+02	3.4033051E+02	3.6048456E+02
3.6950757E+02	3.5550247E+02				
3.062366E+00	3.6300986E+02	2.9878629E+02	3.3182748E+02	3.4722516E+02	3.6286563E+02
3.7815848E+02	3.6117654E+02				
3.562366E+00	3.6535605E+02	3.0521420E+02	3.4425674E+02	3.4911386E+02	3.6841183E+02
3.7955093E+02	3.6643039E+02				
4.082775E+00	3.6666736E+02	3.1211017E+02	3.5203473E+02	3.5071973E+02	3.7163696E+02
3.7524997E+02	3.7680939E+02				
4.604100E+00	3.6706177E+02	3.2164978E+02	3.5619485E+02	3.5722168E+02	3.7808206E+02
3.8197369E+02	3.8561731E+02				
5.125216E+00	3.6710895E+02	3.3340561E+02	3.6002771E+02	3.6782776E+02	3.8580637E+02
3.8793753E+02	3.8989737E+02				
5.625216E+00	3.6737262E+02	3.4530472E+02	3.6804782E+02	3.7842352E+02	3.8816211E+02
3.9027081E+02	3.9069617E+02				
6.125216E+00	3.6805145E+02	3.5803253E+02	3.7701620E+02	3.8431696E+02	3.8720544E+02
3.9048404E+02	3.9032541E+02				

6.625216E+00 3.6934299E+02 3.6892749E+02 3.8306375E+02 3.8629349E+02
3.8654977E+02 3.9065408E+02 3.9058371E+02
7.125216E+00 3.7119965E+02 3.7697495E+02 3.8600320E+02 3.8700366E+02
3.8681125E+02 3.9159875E+02 3.9179401E+02
7.625216E+00 3.7274005E+02 3.8185483E+02 3.8712427E+02 3.8738312E+02
3.8753116E+02 3.9276843E+02 3.9307935E+02
8.125216E+00 3.7327853E+02 3.8439035E+02 3.8750113E+02 3.8768692E+02
3.8850690E+02 3.9370810E+02 3.9407663E+02
8.625216E+00 3.7338989E+02 3.8590445E+02 3.8806851E+02 3.8850488E+02
3.8969064E+02 3.9469714E+02 3.9507455E+02
9.146049E+00 3.7352542E+02 3.8701758E+02 3.8890161E+02 3.8955490E+02
3.9073822E+02 3.9546185E+02 3.9570538E+02
9.646049E+00 3.7340167E+02 3.8779462E+02 3.8966025E+02 3.9041675E+02
3.9137451E+02 3.9562402E+02 3.9573865E+02
1.014605E+01 3.7316589E+02 3.8848846E+02 3.9033267E+02 3.9101840E+02
3.9172382E+02 3.9550052E+02 3.9554230E+02
1.064605E+01 3.7289355E+02 3.8906714E+02 3.9080087E+02 3.9135876E+02
3.9186044E+02 3.9517325E+02 3.9516733E+02
1.114605E+01 3.7255029E+02 3.8950958E+02 3.9106458E+02 3.9149310E+02
3.9185651E+02 3.9473102E+02 3.9470691E+02
1.164605E+01 3.7214093E+02 3.8982422E+02 3.9117447E+02 3.9150098E+02
3.9179617E+02 3.9428632E+02 3.9427087E+02
1.214605E+01 3.7172699E+02 3.9004144E+02 3.9120135E+02 3.9146393E+02
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6.922510E+01 3.8587204E+02 4.0562497E+02 4.0565817E+02 4.0565015E+02
4.0564194E+02 4.0566739E+02 4.0566013E+02
6.973701E+01 3.8587573E+02 4.0562836E+02 4.0566141E+02 4.0565332E+02
4.0564514E+02 4.0567001E+02 4.0566284E+02
7.023885E+01 3.8587936E+02 4.0562463E+02 4.0565762E+02 4.0564963E+02
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7.074079E+01 3.8586261E+02 4.0560388E+02 4.0563672E+02 4.0562875E+02
4.0562204E+02 4.0564682E+02 4.0564023E+02
7.124079E+01 3.8585153E+02 4.0559732E+02 4.0563000E+02 4.0562207E+02
4.0561569E+02 4.0564020E+02 4.0563385E+02
7.175066E+01 3.8586343E+02 4.0559335E+02 4.0562582E+02 4.0561801E+02
4.0561234E+02 4.0563696E+02 4.0563089E+02
7.227091E+01 3.8586273E+02 4.0559146E+02 4.0562378E+02 4.0561600E+02
4.0561035E+02 4.0563516E+02 4.0562924E+02
7.277091E+01 3.8585797E+02 4.0558682E+02 4.0561923E+02 4.0561154E+02
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4.0615289E+02 4.0615793E+02 4.0614615E+02

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4.0621307E+02	4.0621768E+02	4.0620615E+02		
9.196755E+01	3.8879767E+02	4.0626544E+02	4.0629520E+02	4.0628156E+02
4.0626376E+02	4.0626791E+02	4.0625656E+02		
9.248622E+01	3.8886017E+02	4.0629718E+02	4.0632416E+02	4.0631064E+02
4.0629303E+02	4.0629700E+02	4.0628586E+02		
9.299437E+01	3.8889212E+02	4.0632770E+02	4.0635223E+02	4.0633868E+02
4.0632065E+02	4.0632397E+02	4.0631299E+02		
9.350123E+01	3.8893710E+02	4.0634851E+02	4.0637088E+02	4.0635751E+02
4.0633984E+02	4.0634302E+02	4.0633234E+02		
9.401919E+01	3.8896295E+02	4.0636710E+02	4.0638745E+02	4.0637433E+02
4.0635709E+02	4.0636032E+02	4.0634995E+02		
9.453943E+01	3.8899557E+02	4.0638983E+02	4.0640836E+02	4.0639542E+02
4.0637836E+02	4.0638141E+02	4.0637119E+02		
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4.0639404E+02	4.0639709E+02	4.0638699E+02		
9.554896E+01	3.8904797E+02	4.0641769E+02	4.0643335E+02	4.0642081E+02
4.0640424E+02	4.0640738E+02	4.0639740E+02		
9.604896E+01	3.8905869E+02	4.0642242E+02	4.0643689E+02	4.0642441E+02
4.0640808E+02	4.0641122E+02	4.0640134E+02		
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4.0640594E+02	4.0640918E+02	4.0639944E+02		
9.706335E+01	3.8905603E+02	4.0641348E+02	4.0642581E+02	4.0641364E+02
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1.150536E+02	3.8874002E+02	4.0593268E+02	4.0593362E+02	4.0592041E+02
4.0590305E+02	4.0590030E+02	4.0588989E+02		
1.200844E+02	3.8859732E+02	4.0576273E+02	4.0576117E+02	4.0574796E+02
4.0573044E+02	4.0572708E+02	4.0571692E+02		
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9.935714E+02 4.0100549E+02 4.0458957E+02 4.0449353E+02 4.0448834E+02
4.0447067E+02 4.0445984E+02 4.0444778E+02
9.986208E+02 4.0099521E+02 4.0462943E+02 4.0447134E+02 4.0446582E+02
4.0444833E+02 4.0443777E+02 4.0442584E+02

1.003653E+03 4.0099371E+02 4.0463351E+02 4.0445538E+02 4.0444986E+02
4.0443268E+02 4.0442206E+02 4.0441025E+02
1.008698E+03 4.0096616E+02 4.0464929E+02 4.0441293E+02 4.0440726E+02
4.0438998E+02 4.0437903E+02 4.0436707E+02
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4.0443909E+02 4.0442828E+02 4.0441629E+02
1.023737E+03 4.0096512E+02 4.0463153E+02 4.0435864E+02 4.0435223E+02
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1.028787E+03 4.0100647E+02 4.0450790E+02 4.0438205E+02 4.0437555E+02
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1.564944E+03	3.9129242E+02	3.9757495E+02	3.9634549E+02	3.8497607E+02
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3.8128885E+02	3.8165646E+02	3.8238895E+02		
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3.8238809E+02	3.8282962E+02	3.9066891E+02		
1.579956E+03	3.9153583E+02	4.0302640E+02	3.9635648E+02	3.8620276E+02
3.8341431E+02	3.8408194E+02	3.9091934E+02		
1.584956E+03	3.9178305E+02	4.0386166E+02	3.9652145E+02	3.8683865E+02
3.9107907E+02	3.9130508E+02	3.9134027E+02		
1.589956E+03	3.9196429E+02	4.0430765E+02	3.9675516E+02	3.8736981E+02
3.9159402E+02	3.9170840E+02	3.9172980E+02		
1.594956E+03	3.9208679E+02	4.0457205E+02	3.9694763E+02	3.8776260E+02
3.9175897E+02	3.9184393E+02	3.9185315E+02		
1.599956E+03	3.9213223E+02	4.0465500E+02	3.9710571E+02	3.8801859E+02
3.9177457E+02	3.9186938E+02	3.9188672E+02		
1.604956E+03	3.9208731E+02	4.0466830E+02	3.9718109E+02	3.8815466E+02
3.9179688E+02	3.9185690E+02	3.9186246E+02		
1.609956E+03	3.9205234E+02	4.0465115E+02	3.9724323E+02	3.8829596E+02
3.9171179E+02	3.9180856E+02	3.9182361E+02		
1.614956E+03	3.9204135E+02	4.0466745E+02	3.9722931E+02	3.8846683E+02
3.9173853E+02	3.9180524E+02	3.9181238E+02		
1.619956E+03	3.9204953E+02	4.0469366E+02	3.9726740E+02	3.8866238E+02
3.9172519E+02	3.9181201E+02	3.9182346E+02		
1.624956E+03	3.9205692E+02	4.0471228E+02	3.9719199E+02	3.8885046E+02
3.9175632E+02	3.9182321E+02	3.9183112E+02		
1.629956E+03	3.9206799E+02	4.0475015E+02	3.9726788E+02	3.8904355E+02
3.9177353E+02	3.9184152E+02	3.9184833E+02		
1.634956E+03	3.9208334E+02	4.0476819E+02	3.9710175E+02	3.8923837E+02
3.9178656E+02	3.9185388E+02	3.9186191E+02		
1.639972E+03	3.9209543E+02	4.0480423E+02	3.9823901E+02	3.8942764E+02
3.9181912E+02	3.9187344E+02	3.9187769E+02		
1.644972E+03	3.9211313E+02	4.0482605E+02	3.9889484E+02	3.8961703E+02
3.9182986E+02	3.9189062E+02	3.9189697E+02		
1.649982E+03	3.9215042E+02	4.0487598E+02	3.9931674E+02	3.8982242E+02
3.9188397E+02	3.9193323E+02	3.9193649E+02		
1.654998E+03	3.9217300E+02	4.0491776E+02	3.9957480E+02	3.9001065E+02
3.9190683E+02	3.9195792E+02	3.9196188E+02		
1.660028E+03	3.9220621E+02	4.0495361E+02	3.9973801E+02	3.9019946E+02
3.9195343E+02	3.9199622E+02	3.9199860E+02		
1.665028E+03	3.9222693E+02	4.0499176E+02	3.9984726E+02	3.9038583E+02
3.9198462E+02	3.9202307E+02	3.9202417E+02		
1.670048E+03	3.9228119E+02	4.0504364E+02	3.9994315E+02	3.9059140E+02
3.9203992E+02	3.9207574E+02	3.9207675E+02		
1.675065E+03	3.9232678E+02	4.0510455E+02	4.0003195E+02	3.9078040E+02
3.9210272E+02	3.9212936E+02	3.9212778E+02		
1.680108E+03	3.9236469E+02	4.0514224E+02	4.0008621E+02	3.9094580E+02
3.9213635E+02	3.9216724E+02	3.9216718E+02		
1.685146E+03	3.9243704E+02	4.0521887E+02	4.0017929E+02	3.9113312E+02
3.9222876E+02	3.9224908E+02	3.9224655E+02		
1.690150E+03	3.9244363E+02	4.0523651E+02	4.0020221E+02	3.9124866E+02
3.9223767E+02	3.9226013E+02	3.9225809E+02		
1.695192E+03	3.9250467E+02	4.0530280E+02	4.0027765E+02	3.9141885E+02
3.9230563E+02	3.9232355E+02	3.9231998E+02		
1.700202E+03	3.9260895E+02	4.0541129E+02	4.0040054E+02	3.9164297E+02
3.9240982E+02	3.9243076E+02	3.9242712E+02		

1.705202E+03	3.9275443E+02	4.0553778E+02	4.0054465E+02	3.9189890E+02
3.9257162E+02	3.9258807E+02	3.9258432E+02		
1.710202E+03	3.9276508E+02	4.0556491E+02	4.0057538E+02	3.9199536E+02
3.9260846E+02	3.9261826E+02	3.9261362E+02		
1.715202E+03	3.9275479E+02	4.0556046E+02	4.0057187E+02	3.9206616E+02
3.9260831E+02	3.9261850E+02	3.9261368E+02		
1.720212E+03	3.9277142E+02	4.0559134E+02	4.0059943E+02	3.9216125E+02
3.9262811E+02	3.9263358E+02	3.9262775E+02		
1.725225E+03	3.9277255E+02	4.0560400E+02	4.0062073E+02	3.9224161E+02
3.9262747E+02	3.9263354E+02	3.9262762E+02		
1.730267E+03	3.9282849E+02	4.0566324E+02	4.0068790E+02	3.9237448E+02
3.9268738E+02	3.9269003E+02	3.9268344E+02		
1.735300E+03	3.9305432E+02	4.0587820E+02	4.0092935E+02	3.9269156E+02
3.9292764E+02	3.9293164E+02	3.9292273E+02		
1.740300E+03	3.9328229E+02	4.0608286E+02	4.0116101E+02	3.9303442E+02
3.9321527E+02	3.9321951E+02	3.9320941E+02		
1.745300E+03	3.9347821E+02	4.0627466E+02	4.0137616E+02	3.9332535E+02
3.9348300E+02	3.9348520E+02	3.9347476E+02		
1.750300E+03	3.9364377E+02	4.0642322E+02	4.0154361E+02	3.9357098E+02
3.9371072E+02	3.9371228E+02	3.9370200E+02		
1.755300E+03	3.9379721E+02	4.0657169E+02	4.0171075E+02	3.9378629E+02
3.9391711E+02	3.9391766E+02	3.9390808E+02		
1.760300E+03	3.9381958E+02	4.0660022E+02	4.0174353E+02	3.9385849E+02
3.9398273E+02	3.9398282E+02	3.9397415E+02		
1.765300E+03	3.9379480E+02	4.0659479E+02	4.0173782E+02	3.9387830E+02
3.9399716E+02	3.9399646E+02	3.9398846E+02		
1.770300E+03	3.9383301E+02	4.0664627E+02	4.0179483E+02	3.9395737E+02
3.9406912E+02	3.9406815E+02	3.9405963E+02		
1.775300E+03	3.9396170E+02	4.0676694E+02	4.0193127E+02	3.9413336E+02
3.9424216E+02	3.9424158E+02	3.9423154E+02		
1.780300E+03	3.9402576E+02	4.0684311E+02	4.0201651E+02	3.9424054E+02
3.9436011E+02	3.9436078E+02	3.9435226E+02		
1.785300E+03	3.9390692E+02	4.0674341E+02	4.0190540E+02	3.9414630E+02
3.9427322E+02	3.9427325E+02	3.9426764E+02		
1.790312E+03	3.9369196E+02	4.0659616E+02	4.0173212E+02	3.9395560E+02
3.9407745E+02	3.9407431E+02	3.9406747E+02		
1.795348E+03	3.9363510E+02	4.0654843E+02	4.0168369E+02	3.9393002E+02
3.9402386E+02	3.9402100E+02	3.9401392E+02		
1.800348E+03	3.9367725E+02	4.0659741E+02	4.0173929E+02	3.9400226E+02
3.9407736E+02	3.9407498E+02	3.9406784E+02		
1.805392E+03	3.9362271E+02	4.0656580E+02	4.0170367E+02	3.9397513E+02
3.9404391E+02	3.9404144E+02	3.9403494E+02		
1.810392E+03	3.9365610E+02	4.0660324E+02	4.0174658E+02	3.9403638E+02
3.9408902E+02	3.9408551E+02	3.9407834E+02		
1.815392E+03	3.9365021E+02	4.0661670E+02	4.0176178E+02	3.9405737E+02
3.9409271E+02	3.9408902E+02	3.9408197E+02		
1.820392E+03	3.9360202E+02	4.0658167E+02	4.0172330E+02	3.9403339E+02
3.9405612E+02	3.9405212E+02	3.9404510E+02		
1.825392E+03	3.9360501E+02	4.0660312E+02	4.0174710E+02	3.9406351E+02
3.9406839E+02	3.9406345E+02	3.9405588E+02		
1.830440E+03	3.9357617E+02	4.0658868E+02	4.0173105E+02	3.9406058E+02
3.9404343E+02	3.9403793E+02	3.9403033E+02		
1.835440E+03	3.9356424E+02	4.0659415E+02	4.0173752E+02	3.9407486E+02
3.9403625E+02	3.9403018E+02	3.9402234E+02		
1.840440E+03	3.9353595E+02	4.0658557E+02	4.0172803E+02	3.9407288E+02
3.9401172E+02	3.9400476E+02	3.9399661E+02		

1.845440E+03 3.9351395E+02 4.0657812E+02 4.0172015E+02 3.9407584E+02
3.9399249E+02 3.9398495E+02 3.9397662E+02
1.850440E+03 3.9351270E+02 4.0659753E+02 4.0174136E+02 3.9410107E+02
3.9399518E+02 3.9398709E+02 3.9397864E+02
1.855440E+03 3.9350598E+02 4.0660138E+02 4.0174622E+02 3.9411899E+02
3.9399231E+02 3.9398361E+02 3.9397501E+02
1.860440E+03 3.9350711E+02 4.0661981E+02 4.0176685E+02 3.9414249E+02
3.9399512E+02 3.9398602E+02 3.9397733E+02
1.865440E+03 3.9352167E+02 4.0664301E+02 4.0179327E+02 3.9418024E+02
3.9401361E+02 3.9400391E+02 3.9399521E+02
1.870459E+03 3.9352011E+02 4.0665848E+02 4.0181027E+02 3.9420108E+02
3.9401639E+02 3.9400668E+02 3.9399789E+02
1.875459E+03 3.9352234E+02 4.0667422E+02 4.0182785E+02 3.9422351E+02
3.9402170E+02 3.9401086E+02 3.9400177E+02
1.880459E+03 3.9353256E+02 4.0669492E+02 4.0185141E+02 3.9425333E+02
3.9403448E+02 3.9402365E+02 3.9401456E+02
1.885502E+03 3.9353979E+02 4.0671924E+02 4.0187866E+02 3.9428079E+02
3.9404568E+02 3.9403421E+02 3.9402490E+02
1.890502E+03 3.9355621E+02 4.0674118E+02 4.0190384E+02 3.9431305E+02
3.9406314E+02 3.9405115E+02 3.9404175E+02
1.895548E+03 3.9357730E+02 4.0677719E+02 4.0194391E+02 3.9435159E+02
3.9408652E+02 3.9407477E+02 3.9406552E+02
1.900587E+03 3.9359915E+02 4.0680490E+02 4.0197531E+02 3.9438867E+02
3.9411148E+02 3.9409903E+02 3.9408963E+02
1.905594E+03 3.9359546E+02 4.0682040E+02 4.0198334E+02 3.9439694E+02
3.9411057E+02 3.9409906E+02 3.9409018E+02
1.910599E+03 3.9360358E+02 4.0683951E+02 4.0201221E+02 3.9441916E+02
3.9412390E+02 3.9411154E+02 3.9410229E+02
1.915604E+03 3.9359033E+02 4.0684204E+02 4.0200351E+02 3.9442029E+02
3.9411578E+02 3.9410294E+02 3.9409338E+02
1.920619E+03 3.9358560E+02 4.0685196E+02 4.0202692E+02 3.9443015E+02
3.9411484E+02 3.9410141E+02 3.9409183E+02
1.925623E+03 3.9357477E+02 4.0685986E+02 4.0203204E+02 3.9443167E+02
3.9410736E+02 3.9409360E+02 3.9408380E+02
1.930635E+03 3.9357263E+02 4.0687024E+02 4.0204703E+02 3.9443951E+02
3.9410486E+02 3.9409100E+02 3.9408130E+02
1.935664E+03 3.9357455E+02 4.0688177E+02 4.0205948E+02 3.9445200E+02
3.9410931E+02 3.9409439E+02 3.9408429E+02
1.940709E+03 3.9357053E+02 4.0689639E+02 4.0207602E+02 3.9445871E+02
3.9410571E+02 3.9409164E+02 3.9408188E+02
1.945709E+03 3.9358029E+02 4.0691544E+02 4.0209808E+02 3.9447906E+02
3.9411783E+02 3.9410257E+02 3.9409241E+02
1.950755E+03 3.9358542E+02 4.0693442E+02 4.0211935E+02 3.9449274E+02
3.9412265E+02 3.9410809E+02 3.9409818E+02
1.955762E+03 3.9358160E+02 4.0694696E+02 4.0213251E+02 3.9449728E+02
3.9412146E+02 3.9410559E+02 3.9409531E+02
1.960784E+03 3.9357715E+02 4.0695297E+02 4.0214035E+02 3.9449838E+02
3.9411633E+02 3.9410101E+02 3.9409091E+02
1.965832E+03 3.9359421E+02 4.0698499E+02 4.0217618E+02 3.9452414E+02
3.9413406E+02 3.9411823E+02 3.9410800E+02
1.970878E+03 3.9359589E+02 4.0699805E+02 4.0218948E+02 3.9453049E+02
3.9413434E+02 3.9411804E+02 3.9410760E+02
1.975889E+03 3.9361823E+02 4.0703510E+02 4.0223184E+02 3.9456155E+02
3.9415817E+02 3.9414246E+02 3.9413223E+02
1.980934E+03 3.9363831E+02 4.0706073E+02 4.0226151E+02 3.9458740E+02
3.9417999E+02 3.9416373E+02 3.9415338E+02

1.985934E+03	3.9378836E+02	4.0720630E+02	4.0242462E+02	3.9474838E+02
3.9433542E+02	3.9431937E+02	3.9430786E+02		
1.990934E+03	3.9408838E+02	4.0748056E+02	4.0273203E+02	3.9504861E+02
3.9468628E+02	3.9465985E+02	3.9464227E+02		
1.995934E+03	3.9415283E+02	4.0754810E+02	4.0280832E+02	3.9508972E+02
3.9479364E+02	3.9477350E+02	3.9476025E+02		
2.000034E+03	3.9417981E+02	4.0758514E+02	4.0285007E+02	3.9511111E+02
3.9483383E+02	3.9482071E+02	3.9480978E+02		

TIME (sec)	TSAT992806	TSAT992906	TSAT993006	TSAT993106
TSAT993206	TSAT993306	TSAT993406		
1.000000E-10	3.0928903E+02	3.1016968E+02	3.1453140E+02	3.2024896E+02
3.2372653E+02	3.2366354E+02	3.2365308E+02		
1.003469E-01	3.0957071E+02	3.1055365E+02	3.1492072E+02	3.2080334E+02
3.2396530E+02	3.2393262E+02	3.2385892E+02		
2.016405E-01	3.1036255E+02	3.1163675E+02	3.1600674E+02	3.2225546E+02
3.2506464E+02	3.2511502E+02	3.2442981E+02		
3.143499E-01	3.1309439E+02	3.1472751E+02	3.1916061E+02	3.2663193E+02
3.2952881E+02	3.2916162E+02	3.2553864E+02		
4.176774E-01	3.1603375E+02	3.1783691E+02	3.2261798E+02	3.3121735E+02
3.3419958E+02	3.3345630E+02	3.2658459E+02		
5.179474E-01	3.1825461E+02	3.2024808E+02	3.2550641E+02	3.3488892E+02
3.3847574E+02	3.3761398E+02	3.2786194E+02		
6.236274E-01	3.2104639E+02	3.2324652E+02	3.2903021E+02	3.3923038E+02
3.4286594E+02	3.4176843E+02	3.2935257E+02		
7.657229E-01	3.2537540E+02	3.2788318E+02	3.3440170E+02	3.4502802E+02
3.4813800E+02	3.4680841E+02	3.3155380E+02		
8.878756E-01	3.2875137E+02	3.3153897E+02	3.3857559E+02	3.4911453E+02
3.5206094E+02	3.5066229E+02	3.3366193E+02		
9.933645E-01	3.3164487E+02	3.3462350E+02	3.4194629E+02	3.5226779E+02
3.5511557E+02	3.5371115E+02	3.3550494E+02		
1.524044E+00	3.4415244E+02	3.4779663E+02	3.5521338E+02	3.6437241E+02
3.6697894E+02	3.6586810E+02	3.4384857E+02		
2.030162E+00	3.5505438E+02	3.5849634E+02	3.6537045E+02	3.7368555E+02
3.7594186E+02	3.7494485E+02	3.5076373E+02		
2.550346E+00	3.6374997E+02	3.6710876E+02	3.7339932E+02	3.8093961E+02
3.8281528E+02	3.8198557E+02	3.5693130E+02		
3.062366E+00	3.6941635E+02	3.7279822E+02	3.7857983E+02	3.8556256E+02
3.8752075E+02	3.8668100E+02	3.6161542E+02		
3.562366E+00	3.7453625E+02	3.7743253E+02	3.8249271E+02	3.8953851E+02
3.9108780E+02	3.9006735E+02	3.6446704E+02		
4.082775E+00	3.8228149E+02	3.8373853E+02	3.8758044E+02	3.9254947E+02
3.9249646E+02	3.9109082E+02	3.6805954E+02		
4.604100E+00	3.8842783E+02	3.8923102E+02	3.9121329E+02	3.9261185E+02
3.9150198E+02	3.9002902E+02	3.7266452E+02		
5.125216E+00	3.9085867E+02	3.9116016E+02	3.9169370E+02	3.9064670E+02
3.8933527E+02	3.8804062E+02	3.7761209E+02		
5.625216E+00	3.9078952E+02	3.9082059E+02	3.9072174E+02	3.8959775E+02
3.8839301E+02	3.8701059E+02	3.8180618E+02		
6.125216E+00	3.9030869E+02	3.9034647E+02	3.9051056E+02	3.9026428E+02
3.8931467E+02	3.8786435E+02	3.8513269E+02		
6.625216E+00	3.9083072E+02	3.9104773E+02	3.9176300E+02	3.9263248E+02
3.9172162E+02	3.9015005E+02	3.8780042E+02		
7.125216E+00	3.9237451E+02	3.9273257E+02	3.9367294E+02	3.9451703E+02
3.9392114E+02	3.9290610E+02	3.8995184E+02		
7.625216E+00	3.9379184E+02	3.9419958E+02	3.9517001E+02	3.9606921E+02
3.9566345E+02	3.9480734E+02	3.9154468E+02		

8.125216E+00 3.9487796E+02 3.9533948E+02 3.9614981E+02 3.9710156E+02
3.9640561E+02 3.9546973E+02 3.9275018E+02
8.625216E+00 3.9577823E+02 3.9618478E+02 3.9677698E+02 3.9746301E+02
3.9665167E+02 3.9578699E+02 3.9382214E+02
9.146049E+00 3.9622580E+02 3.9657199E+02 3.9700336E+02 3.9753210E+02
3.9676877E+02 3.9599561E+02 3.9470651E+02
9.646049E+00 3.9617883E+02 3.9649854E+02 3.9685336E+02 3.9712817E+02
3.9656461E+02 3.9596442E+02 3.9521109E+02
1.014605E+01 3.9592316E+02 3.9619205E+02 3.9644876E+02 3.9660919E+02
3.9649451E+02 3.9596405E+02 3.9547311E+02
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3.9625204E+02 3.9591580E+02 3.9553796E+02
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3.9591037E+02 3.9579544E+02 3.9547153E+02
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3.9561575E+02 3.9565628E+02 3.9533469E+02
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7.023885E+01 4.0565909E+02 4.0565759E+02 4.0566400E+02 4.0557156E+02
4.0560773E+02 4.0560941E+02 4.0562024E+02
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4.0559012E+02 4.0559164E+02 4.0560181E+02
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4.0433664E+02 4.0433722E+02 4.0433112E+02

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4.0437967E+02 4.0438004E+02 4.0437372E+02
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4.0427527E+02 4.0427588E+02 4.0426971E+02
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4.0429880E+02 4.0429956E+02 4.0429337E+02
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1.609956E+03 3.9182651E+02 3.9182681E+02 3.9181866E+02 3.9181085E+02
3.9180911E+02 3.9181064E+02 3.9180096E+02
1.614956E+03 3.9181320E+02 3.9180975E+02 3.9180164E+02 3.9179422E+02
3.9179269E+02 3.9180103E+02 3.9179385E+02
1.619956E+03 3.9182501E+02 3.9182352E+02 3.9181442E+02 3.9180646E+02
3.9180460E+02 3.9180960E+02 3.9180368E+02
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3.9182486E+02 3.9182950E+02 3.9182324E+02
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3.9411603E+02 3.9411697E+02 3.9412552E+02
1.985934E+03 3.9430170E+02 3.9429321E+02 3.9427927E+02 3.9426880E+02
3.9426572E+02 3.9426639E+02 3.9433505E+02
1.990934E+03 3.9463397E+02 3.9462244E+02 3.9460226E+02 3.9459067E+02
3.9458746E+02 3.9457379E+02 3.9468814E+02
1.995934E+03 3.9475421E+02 3.9473959E+02 3.9472430E+02 3.9471423E+02
3.9471149E+02 3.9468774E+02 3.9476730E+02

2.000034E+03	3.9480447E+02	3.9479611E+02	3.9478116E+02	3.9477103E+02
3.9476813E+02	3.9474652E+02	3.9482364E+02		

TIME (sec)	TSAT993506	TSAT992201	TSAT992301	TSAT992202
TSAT992302	TSAT992203	TSAT992303		
1.000000E-10	2.7317999E+02	2.7317999E+02	2.7317999E+02	2.7317999E+02
2.7317999E+02	2.7484891E+02	2.7317999E+02		
1.003469E-01	2.7317999E+02	2.7317999E+02	2.7317999E+02	2.7317999E+02
2.7317999E+02	2.7488297E+02	2.7317999E+02		
2.016405E-01	2.7317999E+02	2.7317999E+02	2.7317999E+02	2.7317999E+02
2.7317999E+02	2.7509088E+02	2.7464288E+02		
3.143499E-01	2.7317999E+02	2.7317999E+02	2.7317999E+02	2.7317999E+02
2.7317999E+02	2.7588437E+02	2.7833124E+02		
4.176774E-01	2.7317999E+02	2.7317999E+02	2.7317999E+02	2.7317999E+02
2.7343719E+02	2.7687811E+02	2.8135101E+02		
5.179474E-01	2.7317999E+02	2.7317999E+02	2.7317999E+02	2.7317999E+02
2.7503751E+02	2.7741306E+02	2.8275308E+02		
6.236274E-01	2.7317999E+02	2.7317999E+02	2.7317999E+02	2.7346893E+02
2.7713840E+02	2.7820389E+02	2.8458063E+02		
7.657229E-01	2.7317999E+02	2.7346945E+02	2.7317999E+02	2.7464243E+02
2.8025876E+02	2.7956049E+02	2.8721951E+02		
8.878756E-01	2.7317999E+02	2.7398770E+02	2.7379245E+02	2.7551266E+02
2.8226566E+02	2.8052530E+02	2.8899985E+02		
9.933645E-01	2.7317999E+02	2.7445026E+02	2.7508679E+02	2.7628299E+02
2.8389267E+02	2.8136853E+02	2.9053214E+02		
1.524044E+00	2.7317999E+02	2.7670096E+02	2.8075882E+02	2.7991739E+02
2.9076855E+02	2.8535428E+02	2.9844595E+02		
2.030162E+00	2.7317999E+02	2.7873428E+02	2.8535852E+02	2.8308569E+02
2.9728644E+02	2.8926944E+02	3.0915680E+02		
2.550346E+00	2.7317999E+02	2.8042114E+02	2.8910590E+02	2.8576480E+02
3.0392239E+02	2.9298679E+02	3.2132571E+02		
3.062366E+00	2.7317999E+02	2.8157654E+02	2.9030179E+02	2.8767831E+02
3.0582343E+02	2.9594229E+02	3.2498627E+02		
3.562366E+00	2.7317999E+02	2.8305624E+02	2.8988623E+02	2.9091791E+02
3.0430597E+02	3.0309323E+02	3.2266824E+02		
4.082775E+00	2.7317999E+02	2.8497623E+02	2.8926828E+02	2.9667270E+02
3.0218393E+02	3.1393314E+02	3.1954114E+02		
4.604100E+00	2.7317999E+02	2.8763766E+02	2.8893188E+02	3.0380554E+02
3.0096506E+02	3.2329025E+02	3.1776904E+02		
5.125216E+00	2.7317999E+02	2.9127841E+02	2.8904218E+02	3.1105334E+02
3.0109872E+02	3.3051535E+02	3.1769818E+02		
5.625216E+00	2.7317999E+02	2.9586981E+02	2.8979434E+02	3.1790244E+02
3.0275677E+02	3.3602954E+02	3.1930042E+02		
6.125216E+00	2.7317999E+02	3.0237979E+02	2.9185422E+02	3.2550677E+02
3.0671375E+02	3.4116513E+02	3.2323315E+02		
6.625216E+00	2.7317999E+02	3.1097952E+02	2.9639062E+02	3.3354440E+02
3.1330801E+02	3.4631134E+02	3.2884442E+02		
7.125216E+00	2.7317999E+02	3.2041782E+02	3.0373727E+02	3.4143317E+02
3.2136157E+02	3.5267548E+02	3.3535550E+02		
7.625216E+00	2.7317999E+02	3.2952521E+02	3.1279553E+02	3.4920700E+02
3.2977222E+02	3.6010266E+02	3.4260355E+02		
8.125216E+00	2.7317999E+02	3.3797278E+02	3.2212521E+02	3.5672656E+02
3.3799582E+02	3.6713394E+02	3.4996591E+02		
8.625216E+00	2.7317999E+02	3.4589099E+02	3.3099423E+02	3.6369019E+02
3.4574545E+02	3.7297949E+02	3.5677795E+02		
9.146049E+00	2.7317999E+02	3.5337488E+02	3.3949884E+02	3.6981064E+02
3.5300739E+02	3.7752588E+02	3.6281088E+02		

9.646049E+00 2.7317999E+02 3.5957175E+02 3.4674545E+02 3.7434891E+02
3.5895712E+02 3.8053043E+02 3.6744958E+02
1.014605E+01 2.7317999E+02 3.6484033E+02 3.5303723E+02 3.7780505E+02
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1.064605E+01 2.7317999E+02 3.6919946E+02 3.5841696E+02 3.8038104E+02
3.6802533E+02 3.8418729E+02 3.7420901E+02
1.114605E+01 2.7317999E+02 3.7274390E+02 3.6299307E+02 3.8229440E+02
3.7129599E+02 3.8531125E+02 3.7662665E+02
1.164605E+01 2.7317999E+02 3.7561319E+02 3.6692343E+02 3.8373123E+02
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1.214605E+01 2.7317999E+02 3.7795224E+02 3.7031668E+02 3.8484143E+02
3.7609860E+02 3.8686099E+02 3.8002283E+02
1.264605E+01 2.7317999E+02 3.7989603E+02 3.7324802E+02 3.8575519E+02
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1.314605E+01 2.7317999E+02 3.8155582E+02 3.7579199E+02 3.8654938E+02
3.7976938E+02 3.8797012E+02 3.8247220E+02
1.364605E+01 2.7317999E+02 3.8299243E+02 3.7799316E+02 3.8724646E+02
3.8130515E+02 3.8843723E+02 3.8356287E+02
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3.8269812E+02 3.8887430E+02 3.8457538E+02
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3.8396674E+02 3.8931894E+02 3.8554099E+02
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3.8625540E+02 3.9032895E+02 3.8737619E+02
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7.427091E+01 2.7317999E+02 4.0526691E+02 4.0495358E+02 4.0544620E+02
4.0508380E+02 4.0548364E+02 4.0517078E+02
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4.0531766E+02 4.0569968E+02 4.0540063E+02
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9.401919E+01 2.7317999E+02 4.0621844E+02 4.0614841E+02 4.0625967E+02
4.0616956E+02 4.0628290E+02 4.0618597E+02

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9.504118E+01	2.7317999E+02	4.0626093E+02	4.0619394E+02	4.0630258E+02
4.0621448E+02	4.0632648E+02	4.0623071E+02		
9.554896E+01	2.7317999E+02	4.0627338E+02	4.0620837E+02	4.0631537E+02
4.0622861E+02	4.0633969E+02	4.0624472E+02		
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4.0623621E+02	4.0634647E+02	4.0625241E+02		
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4.0623755E+02	4.0634705E+02	4.0625394E+02		
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4.0623273E+02	4.0634155E+02	4.0624948E+02		
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4.0622107E+02	4.0632956E+02	4.0623840E+02		
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4.0618314E+02	4.0629163E+02	4.0620117E+02		
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4.0615445E+02	4.0626334E+02	4.0617279E+02		
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4.0612897E+02	4.0623792E+02	4.0614761E+02		
1.050470E+02	2.7317999E+02	4.0607318E+02	4.0601776E+02	4.0611609E+02
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4.0636234E+02	4.0640308E+02	4.0636841E+02		
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4.0565265E+02	4.0567542E+02	4.0565497E+02		
1.652350E+02	2.7317999E+02	4.0562744E+02	4.0560941E+02	4.0563101E+02
4.0561172E+02	4.0563217E+02	4.0561340E+02		
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4.211620E+02 2.7317999E+02 4.0620499E+02 4.0558832E+02 4.0620419E+02
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1.038826E+03 2.7317999E+02 4.0478500E+02 4.0432663E+02 4.0479019E+02
4.0432126E+02 4.0486267E+02 4.0432132E+02
1.043868E+03 2.7317999E+02 4.0470563E+02 4.0432101E+02 4.0474713E+02
4.0431619E+02 4.0481793E+02 4.0431662E+02
1.048868E+03 2.7317999E+02 4.0469849E+02 4.0438071E+02 4.0473688E+02
4.0437619E+02 4.0481323E+02 4.0437656E+02
1.053917E+03 2.7317999E+02 4.0469727E+02 4.0440027E+02 4.0472577E+02
4.0439612E+02 4.0480606E+02 4.0439664E+02
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4.0441653E+02 4.0478897E+02 4.0441714E+02
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3.9951712E+02	4.0468506E+02	3.9939496E+02		
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3.9947232E+02	4.0468106E+02	3.9946155E+02		
1.609956E+03	2.7317999E+02	4.0467630E+02	3.9946594E+02	4.0466888E+02
3.9949152E+02	4.0465799E+02	3.9942551E+02		
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3.9945145E+02	4.0467261E+02	3.9941885E+02		
1.619956E+03	2.7317999E+02	4.0471924E+02	3.9952533E+02	4.0470816E+02
3.9950720E+02	4.0469540E+02	3.9941986E+02		
1.624956E+03	2.7317999E+02	4.0473846E+02	3.9955222E+02	4.0472595E+02
3.9949640E+02	4.0471274E+02	3.9947720E+02		
1.629956E+03	2.7317999E+02	4.0477509E+02	3.9956491E+02	4.0476514E+02
3.9957162E+02	4.0475253E+02	3.9952759E+02		
1.634956E+03	2.7317999E+02	4.0479361E+02	3.9960510E+02	4.0478458E+02
3.9956934E+02	4.0477066E+02	3.9953470E+02		
1.639972E+03	2.7317999E+02	4.0483160E+02	3.9964520E+02	4.0481937E+02
3.9961295E+02	4.0480536E+02	3.9955823E+02		
1.644972E+03	2.7317999E+02	4.0485385E+02	3.9966653E+02	4.0484076E+02
3.9962775E+02	4.0482584E+02	3.9959891E+02		
1.649982E+03	2.7317999E+02	4.0490308E+02	3.9969934E+02	4.0489111E+02
3.9969373E+02	4.0487451E+02	3.9966229E+02		
1.654998E+03	2.7317999E+02	4.0494769E+02	3.9977753E+02	4.0493503E+02
3.9973737E+02	4.0491861E+02	3.9970264E+02		
1.660028E+03	2.7317999E+02	4.0498450E+02	3.9980057E+02	4.0496799E+02
3.9978482E+02	4.0495248E+02	3.9973526E+02		
1.665028E+03	2.7317999E+02	4.0502231E+02	3.9984415E+02	4.0500800E+02
3.9981326E+02	4.0499164E+02	3.9979834E+02		
1.670048E+03	2.7317999E+02	4.0507379E+02	3.9988901E+02	4.0506110E+02
3.9988962E+02	4.0504358E+02	3.9985022E+02		
1.675065E+03	2.7317999E+02	4.0513586E+02	3.9998187E+02	4.0512170E+02
3.9993604E+02	4.0510480E+02	3.9991541E+02		
1.680108E+03	2.7317999E+02	4.0517410E+02	4.0000327E+02	4.0515869E+02
3.9999472E+02	4.0514133E+02	3.9995679E+02		
1.685146E+03	2.7317999E+02	4.0524911E+02	4.0008505E+02	4.0523495E+02
4.0006580E+02	4.0521863E+02	4.0005765E+02		
1.690150E+03	2.7317999E+02	4.0526672E+02	4.0010785E+02	4.0525385E+02
4.0009674E+02	4.0523688E+02	4.0006268E+02		
1.695192E+03	2.7317999E+02	4.0533557E+02	4.0019421E+02	4.0532022E+02
4.0016556E+02	4.0530255E+02	4.0013446E+02		
1.700202E+03	2.7317999E+02	4.0544434E+02	4.0030670E+02	4.0542801E+02
4.0028674E+02	4.0541019E+02	4.0026611E+02		
1.705202E+03	2.7317999E+02	4.0556870E+02	4.0043698E+02	4.0555426E+02
4.0042987E+02	4.0553772E+02	4.0041751E+02		
1.710202E+03	2.7317999E+02	4.0559470E+02	4.0047031E+02	4.0558212E+02
4.0046130E+02	4.0556561E+02	4.0044067E+02		
1.715202E+03	2.7317999E+02	4.0559009E+02	4.0047424E+02	4.0557642E+02
4.0044888E+02	4.0556024E+02	4.0042444E+02		
1.720212E+03	2.7317999E+02	4.0562421E+02	4.0050742E+02	4.0560938E+02
4.0050623E+02	4.0559274E+02	4.0050266E+02		
1.725225E+03	2.7317999E+02	4.0563354E+02	4.0050943E+02	4.0561923E+02
4.0049606E+02	4.0560352E+02	4.0048672E+02		
1.730267E+03	2.7317999E+02	4.0569147E+02	4.0057098E+02	4.0567905E+02
4.0056833E+02	4.0566357E+02	4.0055124E+02		

1.735300E+03 2.7317999E+02 4.0590845E+02 4.0082977E+02 4.0589471E+02
4.0080344E+02 4.0587827E+02 4.0077832E+02
1.740300E+03 2.7317999E+02 4.0611301E+02 4.0105139E+02 4.0609738E+02
4.0103616E+02 4.0608127E+02 4.0100644E+02
1.745300E+03 2.7317999E+02 4.0630359E+02 4.0125629E+02 4.0628897E+02
4.0124475E+02 4.0627362E+02 4.0123776E+02
1.750300E+03 2.7317999E+02 4.0645035E+02 4.0141464E+02 4.0643820E+02
4.0141711E+02 4.0642361E+02 4.0140402E+02
1.755300E+03 2.7317999E+02 4.0659851E+02 4.0159274E+02 4.0658694E+02
4.0157675E+02 4.0657211E+02 4.0155865E+02
1.760300E+03 2.7317999E+02 4.0662759E+02 4.0162610E+02 4.0661414E+02
4.0160864E+02 4.0659964E+02 4.0158191E+02
1.765300E+03 2.7317999E+02 4.0662167E+02 4.0161179E+02 4.0660818E+02
4.0159933E+02 4.0659363E+02 4.0158380E+02
1.770300E+03 2.7317999E+02 4.0667218E+02 4.0166122E+02 4.0665985E+02
4.0165598E+02 4.0664624E+02 4.0164972E+02
1.775300E+03 2.7317999E+02 4.0679181E+02 4.0179587E+02 4.0678125E+02
4.0179428E+02 4.0676746E+02 4.0177795E+02
1.780300E+03 2.7317999E+02 4.0686853E+02 4.0189191E+02 4.0685687E+02
4.0187149E+02 4.0684329E+02 4.0185492E+02
1.785300E+03 2.7317999E+02 4.0676883E+02 4.0177271E+02 4.0675644E+02
4.0176471E+02 4.0674268E+02 4.0174075E+02
1.790312E+03 2.7317999E+02 4.0662772E+02 4.0162091E+02 4.0661346E+02
4.0161987E+02 4.0659729E+02 4.0159235E+02
1.795348E+03 2.7317999E+02 4.0657831E+02 4.0156332E+02 4.0656317E+02
4.0154166E+02 4.0654724E+02 4.0152258E+02
1.800348E+03 2.7317999E+02 4.0662613E+02 4.0160660E+02 4.0661130E+02
4.0160007E+02 4.0659604E+02 4.0158160E+02
1.805392E+03 2.7317999E+02 4.0659308E+02 4.0156696E+02 4.0657996E+02
4.0156024E+02 4.0656519E+02 4.0155188E+02
1.810392E+03 2.7317999E+02 4.0662952E+02 4.0160849E+02 4.0661749E+02
4.0160342E+02 4.0660318E+02 4.0158841E+02
1.815392E+03 2.7317999E+02 4.0664291E+02 4.0162936E+02 4.0663058E+02
4.0161475E+02 4.0661630E+02 4.0159708E+02
1.820392E+03 2.7317999E+02 4.0660779E+02 4.0158633E+02 4.0659467E+02
4.0157495E+02 4.0658069E+02 4.0155679E+02
1.825392E+03 2.7317999E+02 4.0662860E+02 4.0160443E+02 4.0661615E+02
4.0159714E+02 4.0660242E+02 4.0158707E+02
1.830440E+03 2.7317999E+02 4.0661325E+02 4.0158478E+02 4.0660199E+02
4.0158084E+02 4.0658871E+02 4.0157141E+02
1.835440E+03 2.7317999E+02 4.0661847E+02 4.0159406E+02 4.0660764E+02
4.0158591E+02 4.0659430E+02 4.0157172E+02
1.840440E+03 2.7317999E+02 4.0661014E+02 4.0158713E+02 4.0659842E+02
4.0157373E+02 4.0658530E+02 4.0155783E+02
1.845440E+03 2.7317999E+02 4.0660248E+02 4.0157352E+02 4.0659067E+02
4.0156561E+02 4.0657751E+02 4.0155118E+02
1.850440E+03 2.7317999E+02 4.0662149E+02 4.0159177E+02 4.0661020E+02
4.0158484E+02 4.0659744E+02 4.0157788E+02
1.855440E+03 2.7317999E+02 4.0662460E+02 4.0159341E+02 4.0661432E+02
4.0159088E+02 4.0660168E+02 4.0157935E+02
1.860440E+03 2.7317999E+02 4.0664325E+02 4.0161929E+02 4.0663278E+02
4.0160785E+02 4.0662009E+02 4.0159528E+02
1.865440E+03 2.7317999E+02 4.0666653E+02 4.0164359E+02 4.0665536E+02
4.0163443E+02 4.0664279E+02 4.0161792E+02
1.870459E+03 2.7317999E+02 4.0668250E+02 4.0165897E+02 4.0667102E+02
4.0164886E+02 4.0665814E+02 4.0163837E+02

1.875459E+03	2.7317999E+02	4.0669766E+02	4.0167108E+02	4.0668686E+02
4.0166754E+02	4.0667435E+02	4.0165802E+02		
1.880459E+03	2.7317999E+02	4.0671786E+02	4.0169513E+02	4.0670779E+02
4.0168991E+02	4.0669528E+02	4.0167841E+02		
1.885502E+03	2.7317999E+02	4.0674222E+02	4.0172546E+02	4.0673175E+02
4.0171466E+02	4.0671939E+02	4.0170090E+02		
1.890502E+03	2.7317999E+02	4.0676410E+02	4.0174750E+02	4.0675336E+02
4.0173929E+02	4.0674091E+02	4.0172321E+02		
1.895548E+03	2.7317999E+02	4.0679996E+02	4.0178525E+02	4.0678925E+02
4.0177661E+02	4.0677701E+02	4.0176703E+02		
1.900587E+03	2.7317999E+02	4.0682721E+02	4.0181174E+02	4.0681720E+02
4.0180896E+02	4.0680511E+02	4.0179779E+02		
1.905594E+03	2.7317999E+02	4.0684702E+02	4.0184338E+02	4.0683679E+02
4.0184604E+02	4.0682379E+02	4.0185654E+02		
1.910599E+03	2.7317999E+02	4.0686420E+02	4.0186414E+02	4.0685281E+02
4.0184912E+02	4.0683972E+02	4.0182687E+02		
1.915604E+03	2.7317999E+02	4.0687225E+02	4.0187549E+02	4.0686017E+02
4.0188730E+02	4.0684616E+02	4.0189444E+02		
1.920619E+03	2.7317999E+02	4.0687729E+02	4.0186627E+02	4.0686545E+02
4.0185709E+02	4.0685153E+02	4.0183716E+02		
1.925623E+03	2.7317999E+02	4.0688672E+02	4.0188181E+02	4.0687445E+02
4.0187369E+02	4.0686057E+02	4.0186539E+02		
1.930635E+03	2.7317999E+02	4.0689505E+02	4.0188336E+02	4.0688318E+02
4.0187793E+02	4.0686975E+02	4.0186172E+02		
1.935664E+03	2.7317999E+02	4.0690778E+02	4.0189682E+02	4.0689597E+02
4.0189102E+02	4.0688174E+02	4.0186957E+02		
1.940709E+03	2.7317999E+02	4.0692224E+02	4.0191846E+02	4.0690973E+02
4.0190234E+02	4.0689578E+02	4.0188461E+02		
1.945709E+03	2.7317999E+02	4.0694046E+02	4.0193115E+02	4.0692795E+02
4.0192453E+02	4.0691449E+02	4.0190714E+02		
1.950755E+03	2.7317999E+02	4.0695905E+02	4.0194995E+02	4.0694730E+02
4.0194293E+02	4.0693390E+02	4.0193063E+02		
1.955762E+03	2.7317999E+02	4.0697244E+02	4.0196786E+02	4.0696085E+02
4.0196008E+02	4.0694678E+02	4.0193799E+02		
1.960784E+03	2.7317999E+02	4.0697830E+02	4.0197644E+02	4.0696570E+02
4.0195963E+02	4.0695209E+02	4.0194260E+02		
1.965832E+03	2.7317999E+02	4.0700934E+02	4.0200183E+02	4.0699719E+02
4.0199796E+02	4.0698404E+02	4.0198196E+02		
1.970878E+03	2.7317999E+02	4.0702380E+02	4.0202026E+02	4.0701218E+02
4.0201605E+02	4.0699820E+02	4.0199246E+02		
1.975889E+03	2.7317999E+02	4.0706107E+02	4.0206989E+02	4.0704800E+02
4.0204745E+02	4.0703412E+02	4.0202655E+02		
1.980934E+03	2.7317999E+02	4.0708606E+02	4.0208667E+02	4.0707236E+02
4.0207883E+02	4.0705890E+02	4.0205731E+02		
1.985934E+03	2.7317999E+02	4.0723016E+02	4.0224124E+02	4.0721793E+02
4.0223523E+02	4.0720514E+02	4.0223013E+02		
1.990934E+03	2.7317999E+02	4.0750284E+02	4.0254153E+02	4.0749258E+02
4.0254388E+02	4.0748053E+02	4.0253448E+02		
1.995934E+03	2.7317999E+02	4.0756970E+02	4.0262244E+02	4.0756027E+02
4.0261578E+02	4.0754822E+02	4.0259964E+02		
2.000034E+03	2.7317999E+02	4.0760699E+02	4.0266998E+02	4.0759650E+02
4.0265088E+02	4.0758478E+02	4.0263394E+02		

TIME (sec)	TSAT992204	TSAT992304	TSAT992907	TSAT992908
TSAT993007	TSAT993008	TSAT993107		
1.000000E-10	2.7370187E+02	2.8379834E+02	3.1649384E+02	3.1652652E+02
3.1657205E+02	3.1656219E+02	3.1658755E+02		

1.003469E-01 2.7378668E+02 2.8390704E+02 3.1649429E+02 3.1652686E+02
3.1657248E+02 3.1656259E+02 3.1658789E+02
2.016405E-01 2.7435834E+02 2.8437396E+02 3.1649463E+02 3.1652740E+02
3.1657272E+02 3.1656290E+02 3.1658817E+02
3.143499E-01 2.7608322E+02 2.8584897E+02 3.1649530E+02 3.1652814E+02
3.1657352E+02 3.1656369E+02 3.1658908E+02
4.176774E-01 2.7798334E+02 2.8743613E+02 3.1649667E+02 3.1652969E+02
3.1657510E+02 3.1656522E+02 3.1659064E+02
5.179474E-01 2.7878571E+02 2.8861023E+02 3.1649942E+02 3.1653250E+02
3.1657779E+02 3.1656793E+02 3.1659344E+02
6.236274E-01 2.7979492E+02 2.8996582E+02 3.1650446E+02 3.1653751E+02
3.1658279E+02 3.1657291E+02 3.1659863E+02
7.657229E-01 2.8140414E+02 2.9220697E+02 3.1651614E+02 3.1654962E+02
3.1659488E+02 3.1658487E+02 3.1661084E+02
8.878756E-01 2.8242545E+02 2.9419562E+02 3.1653128E+02 3.1656543E+02
3.1661096E+02 3.1660080E+02 3.1662695E+02
9.933645E-01 2.8329395E+02 2.9601239E+02 3.1654807E+02 3.1658380E+02
3.1662952E+02 3.1661923E+02 3.1664566E+02
1.524044E+00 2.8742758E+02 3.0809729E+02 3.1666867E+02 3.1676715E+02
3.1681549E+02 3.1680386E+02 3.1683218E+02
2.030162E+00 2.9243668E+02 3.2702835E+02 3.1664334E+02 3.1714996E+02
3.1720963E+02 3.1719745E+02 3.1722775E+02
2.550346E+00 3.0000781E+02 3.4784650E+02 3.1652173E+02 3.1777402E+02
3.1789139E+02 3.1789743E+02 3.1792648E+02
3.062366E+00 3.0969461E+02 3.6301532E+02 3.1650330E+02 3.1827469E+02
3.1861560E+02 3.1868430E+02 3.1871698E+02
3.562366E+00 3.2341107E+02 3.7087079E+02 3.1650677E+02 3.1820361E+02
3.1921802E+02 3.1938535E+02 3.1942862E+02
4.082775E+00 3.3584763E+02 3.7463867E+02 3.1651428E+02 3.1730478E+02
3.1971307E+02 3.2001892E+02 3.2006607E+02
4.604100E+00 3.4319263E+02 3.7598816E+02 3.1652756E+02 3.1678464E+02
3.2017215E+02 3.2063638E+02 3.2068408E+02
5.125216E+00 3.4701340E+02 3.7368353E+02 3.1655225E+02 3.1672125E+02
3.2068298E+02 3.2131918E+02 3.2137302E+02
5.625216E+00 3.4865659E+02 3.6892505E+02 3.1658881E+02 3.1669952E+02
3.2124966E+02 3.2202957E+02 3.2213663E+02
6.125216E+00 3.4991345E+02 3.6538208E+02 3.1663293E+02 3.1667166E+02
3.2184531E+02 3.2275067E+02 3.2295395E+02
6.625216E+00 3.5386499E+02 3.6575461E+02 3.1667715E+02 3.1666403E+02
3.2239816E+02 3.2342627E+02 3.2373962E+02
7.125216E+00 3.6126425E+02 3.6863324E+02 3.1671841E+02 3.1667355E+02
3.2286603E+02 3.2402423E+02 3.2443320E+02
7.625216E+00 3.6902591E+02 3.7208240E+02 3.1675668E+02 3.1669135E+02
3.2324304E+02 3.2452777E+02 3.2501126E+02
8.125216E+00 3.7501144E+02 3.7515237E+02 3.1679678E+02 3.1671490E+02
3.2356219E+02 3.2494345E+02 3.2550226E+02
8.625216E+00 3.7920102E+02 3.7775110E+02 3.1684247E+02 3.1674228E+02
3.2386649E+02 3.2528909E+02 3.2595374E+02
9.146049E+00 3.8211420E+02 3.7986520E+02 3.1689420E+02 3.1677219E+02
3.2418460E+02 3.2558136E+02 3.2640240E+02
9.646049E+00 3.8392340E+02 3.8142783E+02 3.1694583E+02 3.1680212E+02
3.2448788E+02 3.2581195E+02 3.2681543E+02
1.014605E+01 3.8522968E+02 3.8273904E+02 3.1699860E+02 3.1683231E+02
3.2477890E+02 3.2601309E+02 3.2720886E+02
1.064605E+01 3.8621091E+02 3.8391327E+02 3.1705087E+02 3.1686212E+02
3.2504745E+02 3.2619501E+02 3.2757611E+02

1.114605E+01 3.8696689E+02 3.8486340E+02 3.1710239E+02 3.1689145E+02
3.2529190E+02 3.2636026E+02 3.2791528E+02
1.164605E+01 3.8756534E+02 3.8564240E+02 3.1715152E+02 3.1692056E+02
3.2551767E+02 3.2650140E+02 3.2822855E+02
1.214605E+01 3.8805005E+02 3.8629816E+02 3.1719568E+02 3.1694958E+02
3.2573068E+02 3.2660739E+02 3.2851749E+02
1.264605E+01 3.8846069E+02 3.8683685E+02 3.1723407E+02 3.1697791E+02
3.2593594E+02 3.2667474E+02 3.2878510E+02
1.314605E+01 3.8882959E+02 3.8733789E+02 3.1726660E+02 3.1700504E+02
3.2613251E+02 3.2671030E+02 3.2903271E+02
1.364605E+01 3.8917175E+02 3.8785413E+02 3.1729465E+02 3.1703015E+02
3.2631729E+02 3.2672601E+02 3.2926147E+02
1.414605E+01 3.8950812E+02 3.8836777E+02 3.1731985E+02 3.1705267E+02
3.2648770E+02 3.2673224E+02 3.2947205E+02
1.464605E+01 3.8986911E+02 3.8887567E+02 3.1734241E+02 3.1707278E+02
3.2664401E+02 3.2673239E+02 3.2966431E+02
1.514605E+01 3.9027979E+02 3.8941763E+02 3.1736102E+02 3.1709039E+02
3.2678958E+02 3.2672348E+02 3.2983768E+02
1.564605E+01 3.9075278E+02 3.8997308E+02 3.1737363E+02 3.1710629E+02
3.2692776E+02 3.2669980E+02 3.2999261E+02
1.614605E+01 3.9126691E+02 3.9055954E+02 3.1737885E+02 3.1712012E+02
3.2706064E+02 3.2665936E+02 3.3012952E+02
1.664605E+01 3.9178656E+02 3.9114844E+02 3.1737991E+02 3.1713199E+02
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7.778299E+01 4.0702856E+02 4.0705643E+02 3.2480777E+02 3.2304932E+02
3.2863568E+02 3.2810010E+02 3.2992520E+02
7.830791E+01 4.0703308E+02 4.0706094E+02 3.2487405E+02 3.2310773E+02
3.2863614E+02 3.2810593E+02 3.2991336E+02
7.880791E+01 4.0699249E+02 4.0702103E+02 3.2493726E+02 3.2316315E+02
3.2863617E+02 3.2811118E+02 3.2990201E+02
7.930791E+01 4.0691159E+02 4.0694092E+02 3.2499969E+02 3.2321869E+02
3.2863586E+02 3.2811581E+02 3.2989053E+02
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3.2637228E+02 3.2530756E+02 3.2614960E+02
1.690150E+03 4.0522067E+02 4.0013278E+02 3.4771323E+02 3.4655505E+02
3.2637195E+02 3.2532477E+02 3.2616397E+02
1.695192E+03 4.0528613E+02 4.0021274E+02 3.4772476E+02 3.4658817E+02
3.2641431E+02 3.2535812E+02 3.2619437E+02
1.700202E+03 4.0539514E+02 4.0034775E+02 3.4772708E+02 3.4658844E+02
3.2643454E+02 3.2538162E+02 3.2621597E+02
1.705202E+03 4.0552219E+02 4.0049167E+02 3.4774319E+02 3.4659875E+02
3.2647653E+02 3.2541196E+02 3.2624692E+02
1.710202E+03 4.0554968E+02 4.0052756E+02 3.4776682E+02 3.4660767E+02
3.2651370E+02 3.2544077E+02 3.2627814E+02
1.715202E+03 4.0554556E+02 4.0052429E+02 3.4776965E+02 3.4661301E+02
3.2652490E+02 3.2546185E+02 3.2630063E+02
1.720212E+03 4.0557870E+02 4.0055225E+02 3.4776126E+02 3.4659152E+02
3.2652859E+02 3.2547665E+02 3.2631622E+02
1.725225E+03 4.0558951E+02 4.0057584E+02 3.4775793E+02 3.4659628E+02
3.2653824E+02 3.2549637E+02 3.2633585E+02
1.730267E+03 4.0564893E+02 4.0064130E+02 3.4776755E+02 3.4661584E+02
3.2658127E+02 3.2552615E+02 3.2636581E+02
1.735300E+03 4.0586310E+02 4.0088419E+02 3.4778860E+02 3.4664865E+02
3.2667786E+02 3.2557220E+02 3.2641589E+02
1.740300E+03 4.0606842E+02 4.0111444E+02 3.4779648E+02 3.4671664E+02
3.2685538E+02 3.2564728E+02 3.2650574E+02
1.745300E+03 4.0626083E+02 4.0133435E+02 3.4779282E+02 3.4674017E+02
3.2700885E+02 3.2571646E+02 3.2659787E+02

1.750300E+03	4.0640948E+02	4.0149957E+02	3.4778793E+02	3.4680414E+02
3.2714908E+02	3.2578906E+02	3.2670007E+02		
1.755300E+03	4.0655820E+02	4.0166864E+02	3.4779065E+02	3.4683649E+02
3.2721820E+02	3.2583960E+02	3.2677982E+02		
1.760300E+03	4.0658707E+02	4.0170319E+02	3.4776910E+02	3.4682959E+02
3.2732016E+02	3.2589764E+02	3.2686737E+02		
1.765300E+03	4.0658197E+02	4.0169626E+02	3.4776282E+02	3.4683679E+02
3.2740179E+02	3.2595374E+02	3.2695145E+02		
1.770300E+03	4.0663367E+02	4.0175635E+02	3.4775421E+02	3.4681927E+02
3.2745441E+02	3.2600122E+02	3.2702310E+02		
1.775300E+03	4.0675424E+02	4.0188974E+02	3.4775864E+02	3.4684341E+02
3.2755530E+02	3.2606824E+02	3.2711368E+02		
1.780300E+03	4.0683069E+02	4.0197903E+02	3.4774536E+02	3.4681473E+02
3.2762820E+02	3.2612442E+02	3.2719165E+02		
1.785300E+03	4.0673108E+02	4.0185666E+02	3.4773239E+02	3.4677103E+02
3.2766992E+02	3.2617203E+02	3.2725775E+02		
1.790312E+03	4.0658249E+02	4.0158502E+02	3.4772293E+02	3.4673471E+02
3.2769968E+02	3.2622064E+02	3.2731564E+02		
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3.2766025E+02	3.2627789E+02	3.2735226E+02		
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3.2766019E+02	3.2632196E+02	3.2739105E+02		
1.805392E+03	4.0655231E+02	4.0165173E+02	3.4769937E+02	3.4665701E+02
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3.2763705E+02	3.2642026E+02	3.2744199E+02		
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1.830440E+03	4.0657639E+02	4.0168683E+02	3.4766623E+02	3.4611969E+02
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3.2769135E+02	3.2653012E+02	3.2748773E+02		
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3.2772379E+02	3.2655289E+02	3.2750583E+02		
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3.2776010E+02	3.2657224E+02	3.2752200E+02		
1.865440E+03	4.0663150E+02	4.0175681E+02	3.4757562E+02	3.4525815E+02
3.2776935E+02	3.2657956E+02	3.2752835E+02		
1.870459E+03	4.0664664E+02	4.0177258E+02	3.4757181E+02	3.4518527E+02
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3.2783975E+02	3.2661612E+02	3.2756851E+02		
1.880459E+03	4.0668335E+02	4.0181400E+02	3.4755420E+02	3.4522324E+02
3.2786307E+02	3.2662811E+02	3.2758453E+02		
1.885502E+03	4.0670776E+02	4.0184341E+02	3.4755432E+02	3.4535178E+02
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3.2794785E+02	3.2666989E+02	3.2763901E+02		
1.895548E+03	4.0676605E+02	4.0190900E+02	3.4753256E+02	3.4548294E+02
3.2797543E+02	3.2668311E+02	3.2766122E+02		
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1.920619E+03	4.0683865E+02	4.0198132E+02	3.4756979E+02	3.4573294E+02
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1.925623E+03	4.0684793E+02	4.0198892E+02	3.4756119E+02	3.4575165E+02
3.2818314E+02	3.2681018E+02	3.2784863E+02		
1.930635E+03	4.0685803E+02	4.0200864E+02	3.4756015E+02	3.4578784E+02
3.2822131E+02	3.2683636E+02	3.2788217E+02		
1.935664E+03	4.0686810E+02	4.0201678E+02	3.4754489E+02	3.4579050E+02
3.2822714E+02	3.2685004E+02	3.2790259E+02		
1.940709E+03	4.0688364E+02	4.0203653E+02	3.4754117E+02	3.4581000E+02
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1.945709E+03	4.0690320E+02	4.0206009E+02	3.4753848E+02	3.4583459E+02
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1.950755E+03	4.0692209E+02	4.0208047E+02	3.4751822E+02	3.4581299E+02
3.2828772E+02	3.2691235E+02	3.2797736E+02		
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3.2833383E+02	3.2694632E+02	3.2801401E+02		
1.960784E+03	4.0694064E+02	4.0210117E+02	3.4751205E+02	3.4585086E+02
3.2834784E+02	3.2696582E+02	3.2803482E+02		
1.965832E+03	4.0697318E+02	4.0214017E+02	3.4749918E+02	3.4583630E+02
3.2835818E+02	3.2698413E+02	3.2805371E+02		
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3.2839368E+02	3.2701425E+02	3.2808505E+02		
1.975889E+03	4.0702252E+02	4.0219308E+02	3.4748694E+02	3.4585388E+02
3.2839865E+02	3.2703046E+02	3.2810080E+02		
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3.2842322E+02	3.2705457E+02	3.2812598E+02		
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3.2848727E+02	3.2709546E+02	3.2816855E+02		
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3.2861475E+02	3.2715894E+02	3.2824030E+02		
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3.2871552E+02	3.2721225E+02	3.2830881E+02		
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TIME (sec)	TSAT993108
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2.016405E-01	3.1657452E+02
3.143499E-01	3.1657516E+02
4.176774E-01	3.1657663E+02
5.179474E-01	3.1657935E+02
6.236274E-01	3.1658441E+02
7.657229E-01	3.1659647E+02
8.878756E-01	3.1661240E+02

9.933645E-01	3.1663083E+02
1.524044E+00	3.1681531E+02
2.030162E+00	3.1720743E+02
2.550346E+00	3.1790210E+02
3.062366E+00	3.1868921E+02
3.562366E+00	3.1940060E+02
4.082775E+00	3.2004260E+02
4.604100E+00	3.2067084E+02
5.125216E+00	3.2137750E+02
5.625216E+00	3.2216605E+02
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8.625216E+00	3.2618524E+02
9.146049E+00	3.2665060E+02
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8.789572E+01	3.2988565E+02
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9.045622E+01	3.2980753E+02
9.096755E+01	3.2979221E+02
9.146755E+01	3.2977756E+02
9.196755E+01	3.2976340E+02
9.248622E+01	3.2974918E+02
9.299437E+01	3.2973569E+02
9.350123E+01	3.2972223E+02
9.401919E+01	3.2970828E+02
9.453943E+01	3.2969272E+02
9.504118E+01	3.2967657E+02
9.554896E+01	3.2966373E+02
9.604896E+01	3.2964865E+02
9.654896E+01	3.2963373E+02
9.706335E+01	3.2961932E+02
9.758144E+01	3.2960516E+02
9.808710E+01	3.2959171E+02
9.859486E+01	3.2957864E+02
9.910259E+01	3.2956543E+02
9.960883E+01	3.2955258E+02
1.050470E+02	3.2940976E+02
1.100490E+02	3.2928708E+02
1.150536E+02	3.2913632E+02
1.200844E+02	3.2898215E+02
1.251066E+02	3.2888382E+02
1.301141E+02	3.2879340E+02
1.351283E+02	3.2871167E+02
1.401329E+02	3.2863809E+02
1.451352E+02	3.2857401E+02
1.501399E+02	3.2851578E+02
1.551709E+02	3.2845859E+02
1.602165E+02	3.2840378E+02
1.652350E+02	3.2835272E+02
1.702598E+02	3.2830640E+02
1.752735E+02	3.2826361E+02
1.802951E+02	3.2822363E+02
1.853119E+02	3.2818484E+02
1.903279E+02	3.2814908E+02
1.953564E+02	3.2811679E+02
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2.204606E+02	3.2796802E+02
2.254792E+02	3.2794174E+02
2.304864E+02	3.2791641E+02
2.354968E+02	3.2789139E+02
2.404991E+02	3.2786572E+02
2.455048E+02	3.2784149E+02
2.505233E+02	3.2781879E+02
2.555298E+02	3.2779712E+02
2.605788E+02	3.2777530E+02

2.656043E+02	3.2775198E+02
2.706539E+02	3.2772949E+02
2.756957E+02	3.2770810E+02
2.807159E+02	3.2768921E+02
2.857581E+02	3.2767078E+02
2.907736E+02	3.2765161E+02
2.957799E+02	3.2763129E+02
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3.158304E+02	3.2758798E+02
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3.258746E+02	3.2759601E+02
3.308900E+02	3.2760052E+02
3.358961E+02	3.2760303E+02
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1.975889E+03	3.2784088E+02

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1.985934E+03	3.2790802E+02
1.990934E+03	3.2797366E+02
1.995934E+03	3.2803137E+02
2.000034E+03	3.2809506E+02