------- BEAMDYN V1.00.\* INDIVIDUAL BLADE INPUT FILE --------------------------

NREL 5MW Blade

---------------------- BLADE PARAMETERS --------------------------------------

49 station\_total - Number of blade input stations (-)

1 damp\_type - Damping flag: 0: no damping; 1: viscous damping (switch)

---------------------- DAMPING COEFFICIENT------------------------------------

mu1 mu2 mu3 mu4 mu5 mu6

(s) (s) (s) (s) (s) (s)

1.0E-03 1.0E-03 1.0E-03 1.0E-03 1.0E-03 1.0E-03

---------------------- DISTRIBUTED PROPERTIES---------------------------------

0.000000

9.729480E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 9.729480E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 9.729480E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.811360E+10 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.811000E+10 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.564400E+09

6.789350E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -1.154189E-01

0.000000E+00 6.789350E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.789350E+02 1.154189E-01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.154189E-01 9.730400E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.728600E+02 0.000000E+00

-1.154189E-01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.945900E+03

0.003250

9.729480E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 9.729480E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 9.729480E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.811360E+10 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.811000E+10 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.564400E+09

6.789350E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -1.154189E-01

0.000000E+00 6.789350E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.789350E+02 1.154189E-01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.154189E-01 9.730400E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.728600E+02 0.000000E+00

-1.154189E-01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.945900E+03

0.019510

1.078950E+09 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.078950E+09 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.078950E+10 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.955860E+10 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.942490E+10 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.431590E+09

7.733630E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.785695E+01

0.000000E+00 7.733630E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 7.733630E+02 -1.785695E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 -1.785695E+01 1.066380E+03 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.091520E+03 0.000000E+00

1.785695E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.157900E+03

0.035770

1.006723E+09 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.006723E+09 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.006723E+10 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.949780E+10 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.745590E+10 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.993980E+09

7.405500E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -2.547492E+00

0.000000E+00 7.405500E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 7.405500E+02 2.547492E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.547492E+00 1.047360E+03 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.660900E+02 0.000000E+00

-2.547492E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.013450E+03

0.052030

9.867780E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 9.867780E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 9.867780E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.978880E+10 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.528740E+10 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.666590E+09

7.400420E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.215482E+01

0.000000E+00 7.400420E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 7.400420E+02 3.215482E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.215482E+01 1.099750E+03 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.738100E+02 0.000000E+00

-3.215482E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.973560E+03

0.068290

7.607860E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 7.607860E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 7.607860E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.485850E+10 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.078240E+10 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.474710E+09

5.924960E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.491579E+01

0.000000E+00 5.924960E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.924960E+02 3.491579E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.491579E+01 8.730200E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.485500E+02 0.000000E+00

-3.491579E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.521570E+03

0.084550

5.491260E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 5.491260E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.491260E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.022060E+10 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 7.229720E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.323540E+09

4.502750E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -2.924086E+01

0.000000E+00 4.502750E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.502750E+02 2.924086E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.924086E+01 6.414900E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.567600E+02 0.000000E+00

-2.924086E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.098250E+03

0.100810

4.971300E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 4.971300E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.971300E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 9.144700E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.309540E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.907870E+09

4.240540E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.272849E+01

0.000000E+00 4.240540E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.240540E+02 3.272849E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.272849E+01 5.937300E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.005300E+02 0.000000E+00

-3.272849E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.942600E+02

0.117070

4.493950E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 4.493950E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.493950E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 8.063160E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.528360E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.570360E+09

4.006380E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.362955E+01

0.000000E+00 4.006380E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.006380E+02 3.362955E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.362955E+01 5.471800E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.516100E+02 0.000000E+00

-3.362955E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.987900E+02

0.133350

4.034800E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 4.034800E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.034800E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 6.884440E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.980060E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.158260E+09

3.820620E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.887099E+01

0.000000E+00 3.820620E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.820620E+02 3.887099E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.887099E+01 4.908400E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.161200E+02 0.000000E+00

-3.887099E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.069600E+02

0.149590

4.037290E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 4.037290E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.037290E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 7.009180E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.936840E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.002120E+09

3.996550E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -4.299488E+01

0.000000E+00 3.996550E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.996550E+02 4.299488E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.299488E+01 5.038600E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.036000E+02 0.000000E+00

-4.299488E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.074600E+02

0.165850

4.169720E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 4.169720E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.169720E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 7.167680E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.691660E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.559000E+08

4.263210E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -6.748235E+01

0.000000E+00 4.263210E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.263210E+02 6.748235E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.748235E+01 5.447000E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.892400E+02 0.000000E+00

-6.748235E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.339400E+02

0.182110

4.082350E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 4.082350E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.082350E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 7.271660E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.949460E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.722700E+08

4.168200E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -9.267993E+01

0.000000E+00 4.168200E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.168200E+02 9.267993E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 9.267993E+01 5.699000E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.465700E+02 0.000000E+00

-9.267993E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.164700E+02

0.198370

4.085970E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 4.085970E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.085970E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 7.081700E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.386520E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.474900E+08

4.061860E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -1.249266E+02

0.000000E+00 4.061860E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.061860E+02 1.249266E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.249266E+02 6.012800E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.159100E+02 0.000000E+00

-1.249266E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.171900E+02

0.214650

3.668340E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 3.668340E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.668340E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 6.244530E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.933740E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.488400E+08

3.814200E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -1.158983E+02

0.000000E+00 3.814200E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.814200E+02 1.158983E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.158983E+02 5.465600E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.871100E+02 0.000000E+00

-1.158983E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 7.336700E+02

0.230890

3.147760E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 3.147760E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.147760E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 5.048960E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.568960E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.359200E+08

3.528220E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -9.356487E+01

0.000000E+00 3.528220E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.528220E+02 9.356487E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 9.356487E+01 4.687100E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.608400E+02 0.000000E+00

-9.356487E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.295500E+02

0.247150

3.011580E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 3.011580E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.011580E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 4.948490E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.388650E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.113500E+08

3.494770E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -9.065783E+01

0.000000E+00 3.494770E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.494770E+02 9.065783E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 9.065783E+01 4.537600E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.485600E+02 0.000000E+00

-9.065783E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.023200E+02

0.263410

2.882620E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 2.882620E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.882620E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 4.808020E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.271990E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.919400E+08

3.465380E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -8.665876E+01

0.000000E+00 3.465380E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.465380E+02 8.665876E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 8.665876E+01 4.362200E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.403000E+02 0.000000E+00

-8.665876E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.765200E+02

0.295950

2.613970E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 2.613970E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.613970E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 4.501400E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.050050E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.610000E+08

3.393330E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -7.857256E+01

0.000000E+00 3.393330E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.393330E+02 7.857256E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 7.857256E+01 3.981800E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.246100E+02 0.000000E+00

-7.857256E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.227900E+02

0.328460

2.357480E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 2.357480E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.357480E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 4.244070E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.828250E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.288200E+08

3.300040E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -6.726142E+01

0.000000E+00 3.300040E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.300040E+02 6.726142E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.726142E+01 3.620800E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.094200E+02 0.000000E+00

-6.726142E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.715000E+02

0.360980

2.146860E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 2.146860E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.146860E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 3.995280E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.588710E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.007500E+08

3.219900E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -6.418549E+01

0.000000E+00 3.219900E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.219900E+02 6.418549E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.418549E+01 3.350100E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.436000E+01 0.000000E+00

-6.418549E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.293700E+02

0.393500

1.944090E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.944090E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.944090E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 3.750760E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.361930E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.743800E+08

3.138200E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -6.063944E+01

0.000000E+00 3.138200E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.138200E+02 6.063944E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.063944E+01 3.085700E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.024000E+01 0.000000E+00

-6.063944E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.888100E+02

0.426020

1.632700E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.632700E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.632700E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 3.447140E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.102380E+09 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.444700E+08

2.947340E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -4.419242E+01

0.000000E+00 2.947340E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.947340E+02 4.419242E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.419242E+01 2.638700E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.267000E+01 0.000000E+00

-4.419242E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.265400E+02

0.458550

1.432400E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.432400E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.432400E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 3.139070E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.758000E+08 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.199800E+08

2.871200E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -4.427678E+01

0.000000E+00 2.871200E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.871200E+02 4.427678E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.427678E+01 2.370600E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.942000E+01 0.000000E+00

-4.427678E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.864800E+02

0.491060

1.168760E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.168760E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.168760E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 2.734240E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.813000E+08 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.119000E+07

2.633430E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.489821E+01

0.000000E+00 2.633430E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.633430E+02 3.489821E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.489821E+01 1.964100E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.734000E+01 0.000000E+00

-3.489821E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.337500E+02

0.523580

1.047430E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.047430E+08 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.047430E+09 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 2.554870E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.347200E+08 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.909000E+07

2.532070E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.370945E+01

0.000000E+00 2.532070E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.532070E+02 3.370945E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.370945E+01 1.803400E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.914000E+01 0.000000E+00

-3.370945E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.094800E+02

0.556100

9.229500E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 9.229500E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 9.229500E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 2.334030E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.089000E+08 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.745000E+07

2.416660E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.391782E+01

0.000000E+00 2.416660E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.416660E+02 3.391782E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.391782E+01 1.624300E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.216000E+01 0.000000E+00

-3.391782E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.845900E+02

0.588620

7.608200E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 7.608200E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 7.608200E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.828730E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.145400E+08 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.592000E+07

2.206380E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.077900E+01

0.000000E+00 2.206380E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.206380E+02 3.077900E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.077900E+01 1.348300E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.733000E+01 0.000000E+00

-3.077900E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.521600E+02

0.621150

6.480300E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 6.480300E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.480300E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.584100E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.386300E+08 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.598000E+07

2.002930E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.031234E+01

0.000000E+00 2.002930E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.002930E+02 3.031234E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.031234E+01 1.163000E+02 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.330000E+01 0.000000E+00

-3.031234E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.296000E+02

0.653660

5.397000E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 5.397000E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.397000E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.323360E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.758800E+08 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.744000E+07

1.794040E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.124859E+01

0.000000E+00 1.794040E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.794040E+02 3.124859E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.124859E+01 9.798000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.960000E+00 0.000000E+00

-3.124859E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.079400E+02

0.686180

5.311500E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 5.311500E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.311500E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.183680E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.260100E+08 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.090000E+07

1.650940E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -4.114473E+01

0.000000E+00 1.650940E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.650940E+02 4.114473E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.114473E+01 9.893000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 7.300000E+00 0.000000E+00

-4.114473E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.062300E+02

0.718700

4.600100E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 4.600100E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.600100E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.020160E+09 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.072600E+08 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.854000E+07

1.544110E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -4.018083E+01

0.000000E+00 1.544110E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.544110E+02 4.018083E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.018083E+01 8.578000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.220000E+00 0.000000E+00

-4.018083E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.200000E+01

0.751220

3.757500E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 3.757500E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.757500E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 7.978100E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.088000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.628000E+07

1.389350E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.133540E+01

0.000000E+00 1.389350E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.389350E+02 3.133540E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.133540E+01 6.996000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.190000E+00 0.000000E+00

-3.133540E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 7.515000E+01

0.783760

3.288900E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 3.288900E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.288900E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 7.096100E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 7.631000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.453000E+07

1.295550E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -2.953206E+01

0.000000E+00 1.295550E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.295550E+02 2.953206E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.953206E+01 6.141000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.360000E+00 0.000000E+00

-2.953206E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.577000E+01

0.816260

2.440400E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 2.440400E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.440400E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 5.181900E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.105000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.070000E+06

1.072640E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -2.209638E+01

0.000000E+00 1.072640E+02 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.072640E+02 2.209638E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.209638E+01 4.544000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.360000E+00 0.000000E+00

-2.209638E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.880000E+01

0.848780

2.116000E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 2.116000E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.116000E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 4.548700E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.948000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.060000E+06

9.877600E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -2.139686E+01

0.000000E+00 9.877600E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 9.877600E+01 2.139686E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.139686E+01 3.957000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.750000E+00 0.000000E+00

-2.139686E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.232000E+01

0.881300

1.815200E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.815200E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.815200E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 3.951200E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.936000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 7.080000E+06

9.024800E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -2.056210E+01

0.000000E+00 9.024800E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 9.024800E+01 2.056210E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.056210E+01 3.409000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.210000E+00 0.000000E+00

-2.056210E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.630000E+01

0.897560

1.602500E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.602500E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.602500E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 3.537200E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.467000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 6.090000E+06

8.300100E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -1.919315E+01

0.000000E+00 8.300100E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 8.300100E+01 1.919315E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.919315E+01 3.012000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.930000E+00 0.000000E+00

-1.919315E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.205000E+01

0.913820

1.092300E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.092300E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.092300E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 3.047300E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.041000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.750000E+06

7.290600E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -1.080904E+01

0.000000E+00 7.290600E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 7.290600E+01 1.080904E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.080904E+01 2.015000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.690000E+00 0.000000E+00

-1.080904E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.184000E+01

0.930080

1.000800E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 1.000800E+07 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.000800E+08 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 2.814200E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.652000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.330000E+06

6.877200E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -1.055375E+01

0.000000E+00 6.877200E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.877200E+01 1.055375E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.055375E+01 1.853000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.490000E+00 0.000000E+00

-1.055375E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.002000E+01

0.938210

9.224000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 9.224000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 9.224000E+07 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 2.617100E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.384000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.940000E+06

6.626400E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -1.019273E+01

0.000000E+00 6.626400E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.626400E+01 1.019273E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.019273E+01 1.711000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.340000E+00 0.000000E+00

-1.019273E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.845000E+01

0.946360

6.323000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 6.323000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.323000E+07 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.588100E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.963000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.240000E+06

5.934000E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -5.619498E+00

0.000000E+00 5.934000E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.934000E+01 5.619498E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.619498E+00 1.155000E+01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.100000E+00 0.000000E+00

-5.619498E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.265000E+01

0.954470

5.332000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 5.332000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.332000E+07 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.378800E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.600000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.660000E+06

5.591400E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -5.042325E+00

0.000000E+00 5.591400E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.591400E+01 5.042325E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.042325E+00 9.770000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.900000E-01 0.000000E+00

-5.042325E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.066000E+01

0.962600

4.453000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 4.453000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.453000E+07 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.187900E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.283000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 3.130000E+06

5.248400E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -4.493155E+00

0.000000E+00 5.248400E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.248400E+01 4.493155E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.493155E+00 8.190000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 7.100000E-01 0.000000E+00

-4.493155E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 8.900000E+00

0.970730

3.690000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 3.690000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.690000E+07 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 1.016300E+08 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.008000E+07 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.640000E+06

4.911400E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.946310E+00

0.000000E+00 4.911400E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.911400E+01 3.946310E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.946310E+00 6.820000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.600000E-01 0.000000E+00

-3.946310E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 7.380000E+00

0.978860

2.992000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 2.992000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.992000E+07 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 8.507000E+07 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 7.550000E+06 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.170000E+06

4.581800E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -3.251245E+00

0.000000E+00 4.581800E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.581800E+01 3.251245E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.251245E+00 5.570000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.200000E-01 0.000000E+00

-3.251245E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 5.990000E+00

0.986990

2.131000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 2.131000E+06 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.131000E+07 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 6.426000E+07 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.600000E+06 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.580000E+06

4.166900E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -2.260127E+00

0.000000E+00 4.166900E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.166900E+01 2.260127E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 2.260127E+00 4.010000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.500000E-01 0.000000E+00

-2.260127E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.260000E+00

0.995120

4.850000E+05 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 4.850000E+05 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 4.850000E+06 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 6.610000E+06 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.500000E+05 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.500000E+05

1.145300E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -6.169731E-01

0.000000E+00 1.145300E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.145300E+01 6.169731E-01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 6.169731E-01 9.400000E-01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 4.000000E-02 0.000000E+00

-6.169731E-01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 9.800000E-01

1.000000

3.530000E+05 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 3.530000E+05 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 3.530000E+06 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 5.010000E+06 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.700000E+05 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 1.900000E+05

1.031900E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 -5.346274E-01

0.000000E+00 1.031900E+01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 1.031900E+01 5.346274E-01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 5.346274E-01 6.800000E-01 0.000000E+00 0.000000E+00

0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 2.000000E-02 0.000000E+00

-5.346274E-01 0.000000E+00 0.000000E+00 0.000000E+00 0.000000E+00 7.000000E-01