

BAB IV PENUTUP

IV.1. KESIMPULAN

Berdasarkan analisa yang dilakukan program *SAP* 90 didapatkan hasil-hasil sebagai berikut:

Joint Displacement Maks = 0,2175 mm pada joint 86

Gaya Maksimum = 17510 kN pada joint 322

Momen maksimum = 0,347 kN.m pada joint 132

dari hasil-hasil yang telah didapatkan diatas penulis mengambil kesimpulan :

1. Semakin Banyak pembagian Jumlah joint/elemen semakin akurat angka perhitungannya
2. Perbedaan model struktur yang digunakan untuk analisa *SAP* 90 dengan bentuk nyata dari kapal ,dimana model struktur yang digunakan untuk analisa *SAP* 90 sudah disederhanakan bentuknya.
3. Kondisi Pembebanan, dan titik *restraints* sangat besar pengaruhnya dalam menentukan besar atau tidaknya defleksi yang terjadi

IV.2. SARAN SARAN

1. Untuk mencegah terjadinya kerusakan struktur bangunan sebaiknya memakai profile yang modulus sectionnya lebih besar sehingga dapat menambah kekuatan

Lampiran



W T D I S P L A C E M E N T S

CONDITION 1 - DISPLACEMENTS "U" AND ROTATIONS "R"

U(X)	U(Y)	U(Z)	R(X)	R(Y)	R(Z)
.2125E-05	-.1969E-05	-.2322E-03	.5019E-05	-.1931E-04	.6813E-05
.1315E-05	.5479E-07	-.2143E-03	.6382E-05	-.3661E-04	.8252E-05
.5085E-06	.2110E-05	-.1870E-03	.4792E-05	-.4915E-04	.7978E-05
-.2950E-06	.4149E-05	-.1537E-03	.3526E-05	-.5601E-04	.7736E-05
-.1096E-05	.6175E-05	-.1180E-03	.2153E-05	-.5640E-04	.7509E-05
-.1894E-05	.8192E-05	-.8407E-04	.1143E-05	-.4951E-04	.7293E-05
-.2691E-05	.1020E-04	-.5665E-04	.6255E-06	-.3458E-04	.7084E-05
-.3487E-05	.1224E-04	-.4086E-04	.2067E-05	-.1079E-04	.7077E-05
-.4990E-05	.1442E-04	-.4059E-04	.5975E-06	.3588E-05	.6840E-05
-.6492E-05	.1653E-04	-.4624E-04	.9223E-06	.9236E-05	.6789E-05
-.7993E-05	.1860E-04	-.5276E-04	.1449E-05	.6962E-05	.6740E-05
-.9493E-05	.2066E-04	-.5554E-04	.3270E-05	-.2423E-05	.6865E-05
-.9991E-05	.2274E-04	-.5720E-04	.1769E-05	.4732E-05	.6645E-05
-.1049E-04	.2475E-04	-.6179E-04	.1883E-05	.7770E-05	.6596E-05
-.1098E-04	.2673E-04	-.6705E-04	.2259E-05	.7497E-05	.6550E-05
-.1148E-04	.2868E-04	-.7122E-04	.2572E-05	.4694E-05	.6506E-05
-.1197E-04	.3064E-04	-.7297E-04	.4791E-05	.1867E-06	.6636E-05
-.1249E-04	.3230E-04	-.7155E-04	.2750E-05	-.4061E-05	.6392E-05
-.1300E-04	.3388E-04	-.6784E-04	.2821E-05	-.6741E-05	.6344E-05
-.1351E-04	.3543E-04	-.6306E-04	.2901E-05	-.7027E-05	.6299E-05
-.1402E-04	.3696E-04	-.5891E-04	.3179E-05	-.4139E-05	.6257E-05
-.1453E-04	.3850E-04	-.5755E-04	.4874E-05	.2731E-05	.6409E-05
-.1602E-04	.3979E-04	-.5497E-04	.3157E-05	-.6635E-05	.6188E-05
-.1751E-04	.4103E-04	-.4865E-04	.2812E-05	-.8899E-05	.6179E-05
-.1900E-04	.4225E-04	-.4321E-04	.2652E-05	-.3252E-05	.6173E-05
-.2049E-04	.4351E-04	-.4368E-04	.4156E-05	.1112E-04	.6370E-05
-.1979E-04	.6682E-04	-.6763E-04	.8358E-05	.5575E-04	.1041E-04
-.1909E-04	.9097E-04	-.1136E-03	.2120E-04	.8389E-04	.1289E-04
-.1840E-04	.1157E-03	-.1718E-03	.3796E-04	.9633E-04	.1538E-04
-.1771E-04	.1409E-03	-.2328E-03	.5484E-04	.9380E-04	.1788E-04
-.1702E-04	.1667E-03	-.2878E-03	.6741E-04	.7696E-04	.2043E-04
-.1632E-04	.1930E-03	-.3282E-03	.7136E-04	.4650E-04	.2312E-04
-.1561E-04	.2175E-03	-.3460E-03	.4400E-04	.3196E-05	.5346E-05
-.3697E-05	-.1960E-05	-.2251E-03	.5049E-05	-.1787E-04	.7011E-05
-.4361E-05	.5519E-07	-.2081E-03	.1057E-04	-.3485E-04	.7135E-05
-.5031E-05	.2110E-05	-.1820E-03	.9074E-05	-.4724E-04	.7126E-05
-.5706E-05	.4149E-05	-.1499E-03	.6952E-05	-.5420E-04	.7112E-05
-.6385E-05	.6175E-05	-.1152E-03	.5201E-05	-.5490E-04	.7096E-05
-.7067E-05	.8192E-05	-.8208E-04	.3819E-05	-.4849E-04	.7078E-05
-.7752E-05	.1020E-04	-.5513E-04	.2925E-05	-.3409E-04	.7060E-05
-.8438E-05	.1224E-04	-.3946E-04	.2118E-05	-.1077E-04	.7097E-05
-.9902E-05	.1442E-04	-.3911E-04	.2765E-05	.3317E-05	.6986E-05
-.1137E-04	.1653E-04	-.4450E-04	.3147E-05	.8775E-05	.6928E-05
-.1283E-04	.1860E-04	-.5069E-04	.3552E-05	.6545E-05	.6870E-05
-.1430E-04	.2066E-04	-.5325E-04	.3271E-05	-.2435E-05	.6865E-05
-.1476E-04	.2274E-04	-.5490E-04	.3898E-05	.4610E-05	.6769E-05
-.1522E-04	.2475E-04	-.5936E-04	.4179E-05	.7440E-05	.6723E-05
-.1569E-04	.2673E-04	-.6435E-04	.4589E-05	.6992E-05	.6678E-05
-.1615E-04	.2868E-04	-.6815E-04	.5111E-05	.4204E-05	.6634E-05
-.1662E-04	.3064E-04	-.6962E-04	.4794E-05	.1908E-06	.6640E-05
-.1710E-04	.3230E-04	-.6836E-04	.5307E-05	-.3882E-05	.6535E-05

N T D I S P L A C E M E N T S

CONDITION 1 - DISPLACEMENTS "U" AND ROTATIONS "R"

U(X)	U(Y)	U(Z)	R(X)	R(Y)	R(Z)
-.1515E-04	.4149E-05	-.1437E-03	.3015E-05	-.5328E-04	.6720E-05
-.1596E-04	.6175E-05	-.1098E-03	.3920E-05	-.5356E-04	.6765E-05
-.1678E-04	.8192E-05	-.7762E-04	.4236E-05	-.4708E-04	.6820E-05
-.1760E-04	.1020E-04	-.5152E-04	.4069E-05	-.3307E-04	.6880E-05
-.1841E-04	.1224E-04	-.3631E-04	.2257E-05	-.1073E-04	.7129E-05
-.1979E-04	.1442E-04	-.3567E-04	.4086E-05	.2712E-05	.6887E-05
-.2116E-04	.1653E-04	-.4056E-04	.4486E-05	.8035E-05	.6820E-05
-.2253E-04	.1860E-04	-.4630E-04	.4696E-05	.6043E-05	.6755E-05
-.2391E-04	.2066E-04	-.4866E-04	.3276E-05	-.2452E-05	.6864E-05
-.2431E-04	.2274E-04	-.4995E-04	.5146E-05	.3833E-05	.6646E-05
-.2471E-04	.2475E-04	-.5377E-04	.5766E-05	.6435E-05	.6600E-05
-.2511E-04	.2673E-04	-.5813E-04	.6248E-05	.6162E-05	.6556E-05
-.2552E-04	.2868E-04	-.6152E-04	.6664E-05	.3794E-05	.6515E-05
-.2592E-04	.3064E-04	-.6290E-04	.4801E-05	.1579E-06	.6646E-05
-.2633E-04	.3230E-04	-.6145E-04	.6860E-05	-.4125E-05	.6401E-05
-.2674E-04	.3388E-04	-.5769E-04	.6830E-05	-.6816E-05	.6352E-05
-.2716E-04	.3543E-04	-.5286E-04	.6798E-05	-.7092E-05	.6305E-05
-.2757E-04	.3696E-04	-.4867E-04	.6560E-05	-.4170E-05	.6262E-05
-.2799E-04	.3850E-04	-.4731E-04	.4880E-05	.2755E-05	.6412E-05
-.2944E-04	.3979E-04	-.4494E-04	.6383E-05	-.6156E-05	.6175E-05
-.3089E-04	.4103E-04	-.3903E-04	.6318E-05	-.8235E-05	.6151E-05
-.3235E-04	.4225E-04	-.3402E-04	.6061E-05	-.2670E-05	.6130E-05
-.3380E-04	.4351E-04	-.3480E-04	.4318E-05	.1135E-04	.6322E-05
-.3477E-04	.6682E-04	-.5093E-04	.8327E-05	.3521E-04	.7789E-05
-.3573E-04	.9098E-04	-.7876E-04	.1372E-04	.5031E-04	.7697E-05
-.3668E-04	.1157E-03	-.1132E-03	.2075E-04	.5744E-04	.7593E-05
-.3762E-04	.1409E-03	-.1497E-03	.2826E-04	.5735E-04	.7480E-05
-.3855E-04	.1667E-03	-.1839E-03	.3549E-04	.5076E-04	.7365E-05
-.3946E-04	.1930E-03	-.2122E-03	.4085E-04	.3845E-04	.7176E-05
-.4037E-04	.2178E-03	-.2314E-03	.4449E-04	.2123E-04	.7040E-05
-.2288E-04	-.8493E-05	-.2323E-03	.5018E-05	-.1929E-04	.6812E-05
-.2208E-04	-.1023E-04	-.2153E-03	.7693E-04	-.3496E-04	-.3032E-05
-.2130E-04	-.7092E-05	-.1893E-03	-.1548E-04	-.4733E-04	.5771E-05
-.2053E-04	-.3897E-05	-.1570E-03	-.8664E-04	-.5510E-04	.6629E-06
-.1976E-04	-.7429E-06	-.1214E-03	-.6979E-04	-.5692E-04	.6074E-05
-.1900E-04	.2593E-05	-.8669E-04	-.6154E-04	-.5119E-04	.3885E-05
-.1825E-04	.5871E-05	-.5793E-04	-.1168E-03	-.3652E-04	.6343E-05
-.1749E-04	.9554E-05	-.4081E-04	.2066E-05	-.1083E-04	.7077E-05
-.1631E-04	.1113E-04	-.4075E-04	-.9541E-04	.3737E-05	.7330E-05
-.1512E-04	.1281E-04	-.4640E-04	-.2146E-05	.9208E-05	.6716E-05
-.1394E-04	.1460E-04	-.5288E-04	-.4496E-04	.6842E-05	.9503E-05
-.1274E-04	.1641E-04	-.5553E-04	.3270E-05	-.2413E-05	.6865E-05
-.1255E-04	.1816E-04	-.5721E-04	-.2947E-04	.4713E-05	.9708E-05
-.1235E-04	.1985E-04	-.6175E-04	.3992E-05	.7723E-05	.6557E-05
-.1215E-04	.2141E-04	-.6701E-04	-.9250E-05	.7479E-05	.7981E-05
-.1194E-04	.2295E-04	-.7116E-04	.1012E-04	.4725E-05	.6539E-05
-.1174E-04	.2442E-04	-.7297E-04	.4791E-05	.1829E-06	.6636E-05
-.1156E-04	.2621E-04	-.7150E-04	.1036E-04	-.4094E-05	.6519E-05
-.1138E-04	.2779E-04	-.6779E-04	-.8529E-05	-.6721E-05	.4137E-05
-.1121E-04	.2936E-04	-.6303E-04	.5007E-05	-.6976E-05	.6412E-05
-.1104E-04	.3076E-04	-.5893E-04	-.3029E-04	-.4120E-05	.1863E-05

T D I S P L A C E M E N T S

CONDITION 1 - DISPLACEMENTS "U" AND ROTATIONS "R"

U(X)	U(Y)	U(Z)	R(X)	R(Y)	R(Z)
-.1088E-04	.3216E-04	-.5755E-04	.4873E-05	.2725E-05	.6409E-05
-.9717E-05	.3379E-04	-.5515E-04	-.5435E-04	-.6432E-05	.1545E-05
-.8568E-05	.3535E-04	-.4893E-04	-.1213E-05	-.8837E-05	.6268E-05
-.7418E-05	.3703E-04	-.4349E-04	-.1233E-03	-.3485E-05	.3050E-05
-.6273E-05	.3810E-04	-.4363E-04	.4163E-05	.1106E-04	.6370E-05
-.7044E-05	.5654E-04	-.6850E-04	-.1566E-03	.5676E-04	.2875E-05
-.7827E-05	.7438E-04	-.1150E-03	.3970E-04	.8460E-04	.5708E-05
-.8615E-05	.9167E-04	-.1735E-03	-.6671E-04	.9644E-04	-.2462E-05
-.9420E-05	.1087E-03	-.2343E-03	.1029E-03	.9335E-04	.3677E-05
-.1023E-04	.1251E-03	-.2890E-03	.3525E-04	.7626E-04	-.7915E-05
-.1106E-04	.1413E-03	-.3289E-03	.9452E-04	.4561E-04	.1712E-05
-.1189E-04	.1603E-03	-.3460E-03	.4400E-04	.2385E-05	.5326E-05
-.2682E-04	-.8523E-05	-.2251E-03	.5050E-05	-.1781E-04	.7011E-05
-.2215E-04	-.1024E-04	-.1511E-03	.1115E-03	.1342E-03	.7740E-05
-.2550E-04	-.7091E-05	-.1938E-03	.1040E-04	-.3103E-04	.6794E-05
-.2230E-04	-.3897E-05	-.1954E-03	.1505E-04	-.2720E-04	.7399E-05
-.2417E-04	-.7419E-06	-.1517E-03	.1000E-04	-.3468E-04	.6915E-05
-.2239E-04	.2593E-05	-.1128E-03	.8178E-05	-.7520E-04	.7208E-05
-.2284E-04	.5872E-05	-.1118E-03	.1472E-04	-.2789E-04	.7021E-05
-.2244E-04	.9486E-05	-.3949E-04	.2119E-05	-.1097E-04	.7097E-05
-.2150E-04	.1113E-04	-.8498E-04	.1297E-04	-.1578E-04	.6975E-05
-.2001E-04	.1281E-04	-.4438E-04	.3045E-05	.8789E-05	.6987E-05
-.2016E-04	.1460E-04	-.7280E-04	.8390E-05	-.5741E-05	.6665E-05
-.1757E-04	.1641E-04	-.5325E-04	.3271E-05	-.2445E-05	.6865E-05
-.1886E-04	.1816E-04	-.6970E-04	.7176E-05	-.8372E-06	.6553E-05
-.1712E-04	.1985E-04	-.5767E-04	.3696E-05	.5597E-05	.6821E-05
-.1759E-04	.2141E-04	-.6976E-04	.5625E-05	.4208E-07	.6621E-05
-.1668E-04	.2295E-04	-.6430E-04	.4136E-05	.3152E-05	.6711E-05
-.1634E-04	.2441E-04	-.6963E-04	.4794E-05	.2130E-06	.6640E-05
-.1623E-04	.2621E-04	-.6448E-04	.4328E-05	-.2860E-05	.6578E-05
-.1489E-04	.2779E-04	-.7007E-04	.6198E-05	.5236E-06	.6749E-05
-.1579E-04	.2936E-04	-.5821E-04	.4736E-05	-.5306E-05	.6449E-05
-.1340E-04	.3076E-04	-.7148E-04	.8849E-05	.3173E-05	.6848E-05
-.1535E-04	.3216E-04	-.5414E-04	.4875E-05	.2742E-05	.6409E-05
-.1187E-04	.3379E-04	-.7918E-04	.1130E-04	.1134E-04	.6685E-05
-.1298E-04	.3535E-04	-.4557E-04	.5026E-05	-.8608E-05	.6073E-05
-.1030E-04	.3703E-04	-.1006E-03	.1836E-04	.2528E-04	.6391E-05
-.1061E-04	.3806E-04	-.4082E-04	.4194E-05	.1105E-04	.6349E-05
-.8688E-05	.5654E-04	-.1410E-03	.2643E-04	.4064E-04	.4615E-05
-.1054E-04	.7438E-04	-.8818E-04	.1576E-04	.5684E-04	.2870E-05
-.7044E-05	.9167E-04	-.1985E-03	.4223E-04	.5013E-04	.2121E-05
-.1047E-04	.1086E-03	-.1727E-03	.3978E-04	.7520E-04	-.8061E-07
-.5341E-05	.1251E-03	-.2594E-03	.6052E-04	.4397E-04	-.5037E-06
-.1043E-04	.1413E-03	-.2680E-03	.6146E-04	.7869E-04	-.3318E-05
-.3556E-05	.1600E-03	-.3014E-03	.4436E-04	.2113E-04	.6097E-05
-.3238E-04	-.8496E-05	-.2188E-03	.4992E-05	-.1876E-04	.7125E-05
-.3160E-04	-.1023E-04	-.2021E-03	-.8551E-04	-.3210E-04	.1207E-04
-.3087E-04	-.7090E-05	-.1793E-03	.1564E-04	-.4199E-04	.7844E-05
-.3014E-04	-.3897E-05	-.1506E-03	.5236E-04	-.4994E-04	.1038E-04
-.2944E-04	-.7410E-06	-.1178E-03	.4262E-04	-.5358E-04	.7610E-05
-.2874E-04	.2593E-05	-.8446E-04	.3615E-04	-.5004E-04	.8678E-05

T D I S P L A C E M E N T S

CONDITION 1 - DISPLACEMENTS "U" AND ROTATIONS "R"

U(X)	U(Y)	U(Z)	R(X)	R(Y)	R(Z)
-.2805E-04	.5873E-05	-.5570E-04	.6281E-04	-.3688E-04	.7403E-05
-.2736E-04	.9368E-05	-.3796E-04	.2211E-05	-.1078E-04	.7123E-05
-.2613E-04	.1113E-04	-.3808E-04	.5111E-04	.3469E-05	.6635E-05
-.2489E-04	.1281E-04	-.4327E-04	.3105E-05	.8252E-05	.6892E-05
-.2365E-04	.1460E-04	-.4898E-04	.2628E-04	.5768E-05	.5421E-05
-.2240E-04	.1641E-04	-.5096E-04	.3274E-05	-.2458E-05	.6865E-05
-.2214E-04	.1816E-04	-.5267E-04	.1888E-04	.4448E-05	.5181E-05
-.2188E-04	.1985E-04	-.5689E-04	.2015E-05	.6960E-05	.6703E-05
-.2161E-04	.2141E-04	-.6152E-04	.9712E-05	.6394E-05	.5917E-05
-.2133E-04	.2295E-04	-.6492E-04	.2074E-06	.3795E-05	.6583E-05
-.2106E-04	.2441E-04	-.6626E-04	.4799E-05	.1610E-06	.6645E-05
-.2079E-04	.2621E-04	-.6498E-04	.3854E-06	-.3808E-05	.6483E-05
-.2053E-04	.2779E-04	-.6148E-04	.1023E-04	-.6574E-05	.7609E-05
-.2028E-04	.2936E-04	-.5671E-04	.3058E-05	-.7144E-05	.6379E-05
-.2002E-04	.3076E-04	-.5240E-04	.2145E-04	-.4473E-05	.8597E-05
-.1978E-04	.3216E-04	-.5073E-04	.4878E-05	.2781E-05	.6410E-05
-.1847E-04	.3379E-04	-.4890E-04	.3373E-04	-.5634E-05	.8593E-05
-.1717E-04	.3536E-04	-.4319E-04	.5360E-05	-.8255E-05	.6100E-05
-.1587E-04	.3702E-04	-.3798E-04	.6859E-04	-.3416E-05	.7540E-05
-.1458E-04	.3796E-04	-.3788E-04	.4271E-05	.1148E-04	.6326E-05
-.1354E-04	.5654E-04	-.5754E-04	.9165E-04	.4187E-04	.7767E-05
-.1253E-04	.7438E-04	-.9049E-04	.3129E-05	.5910E-04	.5097E-05
-.1150E-04	.9167E-04	-.1308E-03	.7697E-04	.6608E-04	.8055E-05
-.1049E-04	.1086E-03	-.1721E-03	.6434E-05	.6467E-04	.3760E-05
-.9458E-05	.1251E-03	-.2105E-03	.5680E-04	.5644E-04	.8437E-05
-.8452E-05	.1413E-03	-.2416E-03	.3352E-04	.4200E-04	.2510E-05
-.7417E-05	.1599E-03	-.2623E-03	.4446E-04	.2259E-04	.7143E-05
-.3794E-04	-.8481E-05	-.2192E-03	.4964E-05	-.1946E-04	.7176E-05
-.3715E-04	-.1022E-04	-.2017E-03	.4017E-04	-.3600E-04	.5881E-05
-.3634E-04	-.7091E-05	-.1749E-03	.4288E-05	-.4804E-04	.7694E-05
-.3554E-04	-.3897E-05	-.1424E-03	-.4879E-05	-.5396E-04	.6507E-05
-.3473E-04	-.7408E-06	-.1083E-03	.1782E-05	-.5344E-04	.7441E-05
-.3393E-04	.2593E-05	-.7647E-04	.1301E-05	-.4629E-04	.6797E-05
-.3311E-04	.5873E-05	-.5104E-04	-.1664E-04	-.3220E-04	.7083E-05
-.3230E-04	.9310E-05	-.3626E-04	.2254E-05	-.1071E-04	.7129E-05
-.3102E-04	.1113E-04	-.3540E-04	-.1532E-04	.2562E-05	.6918E-05
-.2975E-04	.1281E-04	-.4027E-04	.5783E-05	.8092E-05	.6734E-05
-.2847E-04	.1460E-04	-.4611E-04	-.4021E-05	.6238E-05	.7265E-05
-.2720E-04	.1641E-04	-.4866E-04	.3276E-05	-.2456E-05	.6864E-05
-.2690E-04	.1816E-04	-.4981E-04	-.7290E-06	.3695E-05	.7224E-05
-.2660E-04	.1985E-04	-.5356E-04	.7450E-05	.6394E-05	.6539E-05
-.2631E-04	.2141E-04	-.5794E-04	.4852E-05	.6246E-05	.6806E-05
-.2601E-04	.2295E-04	-.6143E-04	.8700E-05	.3932E-05	.6497E-05
-.2572E-04	.2440E-04	-.6290E-04	.4801E-05	.1468E-06	.6645E-05
-.2544E-04	.2621E-04	-.6135E-04	.8914E-05	-.4271E-05	.6492E-05
-.2516E-04	.2779E-04	-.5749E-04	.5479E-05	-.6900E-05	.5987E-05
-.2487E-04	.2936E-04	-.5265E-04	.8490E-05	-.7046E-05	.6428E-05
-.2459E-04	.3076E-04	-.4853E-04	.2024E-06	-.4028E-05	.5459E-05
-.2430E-04	.3215E-04	-.4731E-04	.4880E-05	.2752E-05	.6411E-05
-.2300E-04	.3379E-04	-.4471E-04	-.4560E-05	-.6398E-05	.5414E-05
-.2170E-04	.3536E-04	-.3868E-04	.7705E-05	-.8308E-05	.6423E-05

N T D I S P L A C E M E N T S

CONDITION 1 - DISPLACEMENTS "U" AND ROTATIONS "R"

U(X)	U(Y)	U(Z)	R(X)	R(Y)	R(Z)
-.2039E-04	.3702E-04	-.3369E-04	-.1971E-04	-.2471E-05	.5794E-05
-.1909E-04	.3790E-04	-.3475E-04	.4324E-05	.1136E-04	.6323E-05
-.1821E-04	.5653E-04	-.5065E-04	-.2429E-04	.3479E-04	.7489E-05
-.1733E-04	.7438E-04	-.7821E-04	.2428E-04	.4997E-04	.8761E-05
-.1644E-04	.9167E-04	-.1125E-03	.5867E-05	.5747E-04	.7778E-05
-.1555E-04	.1086E-03	-.1491E-03	.4530E-04	.5770E-04	.9720E-05
-.1466E-04	.1251E-03	-.1837E-03	.3222E-04	.5120E-04	.8032E-05
-.1376E-04	.1413E-03	-.2123E-03	.4707E-04	.3871E-04	.1079E-04
-.1287E-04	.1600E-03	-.2314E-03	.4449E-04	.2122E-04	.7041E-05
-.3057E-05	-.2092E-04	-.2326E-03	.5061E-05	.2500E-04	.6051E-05
-.1752E-04	.4717E-05	-.2855E-04	.1960E-05	.7550E-05	.6442E-05
-.8006E-05	.2494E-04	-.3057E-04	.5832E-05	-.8184E-05	-.3492E-06
-.5411E-04	.4602E-04	-.3456E-03	.4715E-04	-.2783E-04	-.1711E-04
-.7293E-05	-.2092E-04	-.2269E-03	.8709E-05	.2387E-04	.6047E-05
-.2203E-04	.4838E-05	-.3167E-04	-.3490E-05	.7858E-05	.6440E-05
-.7761E-05	.2506E-04	-.3255E-04	-.2554E-05	-.5401E-05	-.3484E-06
-.4212E-04	.4599E-04	-.3050E-03	.5946E-04	-.3085E-04	-.1705E-04
-.1152E-04	-.2093E-04	-.2218E-03	.4597E-05	.2494E-04	.6037E-05
-.2654E-04	.4960E-05	-.3066E-04	.6387E-05	.8128E-05	.6437E-05
-.7518E-05	.2519E-04	-.3090E-04	.7544E-05	-.2784E-05	-.3448E-06
-.3023E-04	.4597E-04	-.2658E-03	.5162E-04	-.2480E-04	-.1693E-04
-.1574E-04	-.2093E-04	-.2196E-03	.4957E-05	.2690E-04	.6031E-05
-.3104E-04	.5081E-05	-.2550E-04	.9742E-06	.8554E-05	.6435E-05
-.7278E-05	.2531E-04	-.2441E-04	.4858E-05	-.1203E-06	-.3419E-06
-.1842E-04	.4594E-04	-.2319E-03	.4677E-04	-.1817E-04	-.1688E-04
.5435E-04	-.3400E-04	-.2327E-03	.5649E-05	.1043E-04	.9211E-05
.4615E-05	.1948E-05	-.1584E-04	-.2805E-05	.6699E-05	.4685E-05
-.2696E-04	.1251E-04	-.1703E-04	.2756E-06	-.2569E-05	-.6344E-05
-.1043E-03	-.7609E-04	-.3451E-03	.5092E-04	-.4474E-06	-.1726E-04
.4719E-04	-.3399E-04	-.2281E-03	.6474E-05	.1016E-04	.7904E-05
.1048E-05	.1937E-05	-.2425E-04	-.5151E-05	.7366E-05	.4992E-05
-.2099E-04	.1250E-04	-.2483E-04	-.4514E-05	-.1643E-05	-.8900E-05
-.8955E-04	-.7608E-04	-.3069E-03	.5462E-04	.8358E-06	-.2318E-04
.4517E-04	-.3399E-04	-.2236E-03	.5927E-05	.1097E-04	-.1887E-05
-.2088E-05	.1929E-05	-.2375E-04	.6591E-05	.8241E-05	.3934E-05
-.1521E-04	.1250E-04	-.2420E-04	.7581E-05	-.9452E-06	-.7712E-05
-.7364E-04	-.7607E-04	-.2684E-03	.5329E-04	-.1682E-05	-.2037E-04
.4780E-04	-.3399E-04	-.2198E-03	.5334E-05	.1316E-04	-.2559E-05
-.4681E-05	.2035E-05	-.1434E-04	.4535E-05	.9284E-05	.3390E-05
-.1043E-04	.1249E-04	-.1365E-04	.7836E-05	-.4135E-06	-.4893E-05
-.6167E-04	-.7605E-04	-.2322E-03	.5014E-04	-.5998E-05	-.1386E-04
-.3346E-07	-.4739E-04	-.2327E-03	.5195E-05	-.6405E-04	.4419E-06
-.2051E-07	-.4062E-04	-.1930E-03	-.3605E-05	-.6552E-04	.6895E-06
-.1027E-07	-.3383E-04	-.1526E-03	-.1316E-04	-.6547E-04	.6973E-06
-.2753E-08	-.2704E-04	-.1128E-03	-.2311E-04	-.6312E-04	.7001E-06
.2054E-08	-.2025E-04	-.7524E-04	-.3291E-04	-.5766E-04	.6966E-06
.4134E-08	-.1347E-04	-.4202E-04	-.4187E-04	-.4822E-04	.6865E-06
.3461E-08	-.6706E-05	-.1585E-04	-.4776E-04	-.3390E-04	.6700E-06
.0000E+00	.0000E+00	.0000E+00	.1581E-05	-.1375E-04	.3939E-06
.5033E-09	.7283E-07	.1047E-05	-.5255E-04	.5429E-05	.9702E-07
.1164E-08	.9391E-07	-.7377E-05	-.5194E-04	.1797E-04	.8078E-07

N T D I S P L A C E M E N T S

CONDITION 1 - DISPLACEMENTS "U" AND ROTATIONS "R"

U(X)	U(Y)	U(Z)	R(X)	R(Y)	R(Z)
.1943E-08	.1140E-06	-.2152E-04	-.4880E-04	.2485E-04	.6467E-07
.2805E-08	.1332E-06	-.3823E-04	-.4537E-04	.2699E-04	.4899E-07
.3712E-08	.1515E-06	-.5489E-04	-.4226E-04	.2525E-04	.3345E-07
.4628E-08	.1689E-06	-.6939E-04	-.3985E-04	.2049E-04	.1778E-07
.5518E-08	.1854E-06	-.8013E-04	-.3835E-04	.1355E-04	.1688E-08
.6341E-08	.2007E-06	-.8607E-04	-.3784E-04	.5268E-05	-.1512E-07
.7059E-08	.2146E-06	-.8662E-04	-.3836E-04	-.3528E-05	-.3296E-07
.7629E-08	.2270E-06	-.8173E-04	-.3985E-04	-.1206E-04	-.5216E-07
.8004E-08	.2375E-06	-.7179E-04	-.4224E-04	-.1954E-04	-.7312E-07
.8133E-08	.2457E-06	-.5767E-04	-.4537E-04	-.2516E-04	-.9623E-07
.7960E-08	.2511E-06	-.4078E-04	-.4901E-04	-.2807E-04	-.1220E-06
.7419E-08	.2532E-06	-.2303E-04	-.5281E-04	-.2741E-04	-.1509E-06
.6440E-08	.2512E-06	-.6845E-05	-.5626E-04	-.2233E-04	-.1835E-06
.4941E-08	.2445E-06	.4819E-05	-.5857E-04	-.1197E-04	-.2207E-06
.2828E-08	.2318E-06	.8464E-05	-.5717E-04	.4621E-05	-.2607E-06
.0000E+00	.0000E+00	.0000E+00	.6136E-05	.2841E-04	-.1456E-05
-.5817E-07	-.2851E-04	-.2642E-04	-.4461E-04	.5331E-04	-.2717E-05
-.1045E-06	-.5728E-04	-.6580E-04	-.3284E-04	.7157E-04	-.2829E-05
-.1391E-06	-.8609E-04	-.1144E-03	-.1684E-04	.8413E-04	-.2915E-05
-.1622E-06	-.1149E-03	-.1690E-03	.6927E-06	.9191E-04	-.2975E-05
-.1739E-06	-.1438E-03	-.2270E-03	.1875E-04	.9578E-04	-.3009E-05
-.1743E-06	-.1727E-03	-.2862E-03	.3642E-04	.9655E-04	-.3023E-05
-.1633E-06	-.2014E-03	-.3450E-03	.4944E-04	.9500E-04	-.1952E-05
-.1008E-06	-.4737E-04	-.2283E-03	.6509E-05	-.5636E-04	.5407E-07
-.9732E-07	-.4062E-04	-.1937E-03	.2193E-05	-.5664E-04	.1515E-06
-.9332E-07	-.3383E-04	-.1590E-03	-.2965E-05	-.5595E-04	.1592E-06
-.8874E-07	-.2704E-04	-.1252E-03	-.8321E-05	-.5348E-04	.1654E-06
-.8355E-07	-.2025E-04	-.9351E-04	-.1361E-04	-.4848E-04	.1708E-06
-.7766E-07	-.1347E-04	-.6571E-04	-.1856E-04	-.4022E-04	.1757E-06
-.7096E-07	-.6706E-05	-.4400E-04	-.2329E-04	-.2802E-04	.1796E-06
-.6328E-07	-.1991E-08	-.3100E-04	-.3449E-04	-.1128E-04	.1007E-06
-.5393E-07	.7278E-07	-.3023E-04	-.2711E-04	.4932E-05	.2261E-07
-.4492E-07	.9390E-07	-.3762E-04	-.2645E-04	.1585E-04	.2368E-07
-.3614E-07	.1140E-06	-.5010E-04	-.2583E-04	.2206E-04	.2542E-07
-.2750E-07	.1332E-06	-.6500E-04	-.2512E-04	.2422E-04	.2719E-07
-.1891E-07	.1515E-06	-.8003E-04	-.2454E-04	.2295E-04	.2905E-07
-.1028E-07	.1689E-06	-.9331E-04	-.2425E-04	.1892E-04	.3107E-07
-.1508E-08	.1854E-06	-.1034E-03	-.2432E-04	.1286E-04	.3333E-07
.7498E-08	.2006E-06	-.1091E-03	-.2477E-04	.5499E-05	.3590E-07
.1684E-07	.2146E-06	-.1101E-03	-.2558E-04	-.2395E-05	.3888E-07
.2664E-07	.2270E-06	-.1062E-03	-.2670E-04	-.1010E-04	.4235E-07
.3701E-07	.2375E-06	-.9769E-04	-.2803E-04	-.1689E-04	.4642E-07
.4809E-07	.2457E-06	-.8540E-04	-.2948E-04	-.2201E-04	.5122E-07
.6004E-07	.2511E-06	-.7057E-04	-.3089E-04	-.2472E-04	.5688E-07
.7303E-07	.2532E-06	-.5489E-04	-.3203E-04	-.2429E-04	.6355E-07
.8726E-07	.2512E-06	-.4050E-04	-.3261E-04	-.2008E-04	.7143E-07
.1030E-06	.2444E-06	-.2989E-04	-.3226E-04	-.1144E-04	.8074E-07
.1204E-06	.2316E-06	-.2597E-04	-.3097E-04	.2241E-05	.8819E-07
.1399E-06	-.2508E-07	-.3199E-04	-.3557E-04	.2156E-04	-.2450E-06
.1570E-06	-.2851E-04	-.5229E-04	-.1943E-04	.4137E-04	-.6070E-06
.1705E-06	-.5728E-04	-.8303E-04	-.8900E-05	.5618E-04	-.6222E-06

NT DISPLACEMENTS

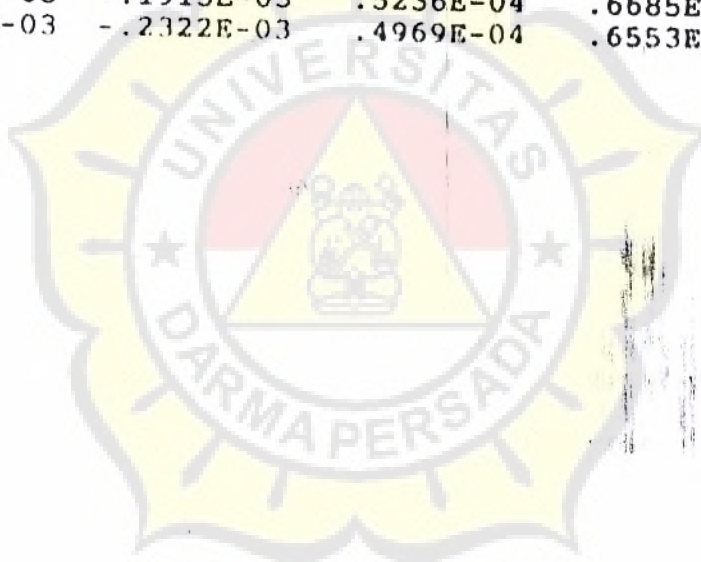
CONDITION 1 - DISPLACEMENTS "U" AND ROTATIONS "R"

U(X)	U(Y)	U(Z)	R(X)	R(Y)	R(Z)
.1810E-06	-.8609E-04	-.1213E-03	.2789E-05	.6659E-04	-.6312E-06
.1890E-06	-.1149E-03	-.1647E-03	.1557E-04	.7326E-04	-.6369E-06
.1948E-06	-.1438E-03	-.2111E-03	.2894E-04	.7691E-04	-.6390E-06
.1987E-06	-.1727E-03	-.2588E-03	.4243E-04	.7830E-04	-.6336E-06
.2007E-06	-.2014E-03	-.3067E-03	.5510E-04	.7822E-04	-.2632E-06
-.4455E-07	-.4736E-04	-.2237E-03	.5980E-05	-.5554E-04	.1084E-06
-.4069E-07	-.4062E-04	-.1896E-03	.9113E-05	-.5582E-04	.1797E-06
-.3733E-07	-.3383E-04	-.1555E-03	.1292E-04	-.5511E-04	.1699E-06
-.3451E-07	-.2704E-04	-.1222E-03	.1683E-04	-.5261E-04	.1584E-06
-.3233E-07	-.2025E-04	-.9103E-04	.2052E-04	-.4752E-04	.1462E-06
-.3090E-07	-.1347E-04	-.6384E-04	.2363E-04	-.3911E-04	.1334E-06
-.3038E-07	-.6706E-05	-.4286E-04	.2620E-04	-.2670E-04	.1190E-06
-.3098E-07	-.1363E-07	-.3074E-04	.3461E-04	-.9637E-05	.2304E-07
-.3092E-07	.7276E-07	-.3110E-04	.2429E-04	.6887E-05	-.4705E-07
-.3069E-07	.9389E-07	-.3976E-04	.2010E-04	.1798E-04	-.3831E-07
-.3038E-07	.1140E-06	-.5359E-04	.1572E-04	.2428E-04	-.2876E-07
-.3004E-07	.1332E-06	-.6985E-04	.1116E-04	.2643E-04	-.1940E-07
-.2977E-07	.1515E-06	-.8623E-04	.6806E-05	.2508E-04	-.1013E-07
-.2963E-07	.1689E-06	-.1008E-03	.2934E-05	.2089E-04	-.8458E-09
-.2970E-07	.1853E-06	-.1120E-03	-.2469E-06	.1459E-04	.8553E-08
-.3007E-07	.2006E-06	-.1187E-03	-.2585E-05	.6927E-05	.1817E-07
-.3081E-07	.2146E-06	-.1205E-03	-.3969E-05	-.1351E-05	.2813E-07
-.3203E-07	.2270E-06	-.1171E-03	-.4315E-05	-.9519E-05	.3854E-07
-.3383E-07	.2375E-06	-.1088E-03	-.3566E-05	-.1685E-04	.4953E-07
-.3634E-07	.2457E-06	-.9632E-04	-.1694E-05	-.2261E-04	.6126E-07
-.3969E-07	.2511E-06	-.8092E-04	.1288E-05	-.2603E-04	.7389E-07
-.4405E-07	.2532E-06	-.6422E-04	.5309E-05	-.2641E-04	.8760E-07
-.4959E-07	.2512E-06	-.4828E-04	.1022E-04	-.2309E-04	.1026E-06
-.5652E-07	.2444E-06	-.3556E-04	.1576E-04	-.1541E-04	.1192E-06
-.6511E-07	.2316E-06	-.2891E-04	.2204E-04	-.2735E-05	.1336E-06
-.7565E-07	-.3707E-07	-.3158E-04	.3560E-04	.1556E-04	-.1924E-06
-.8606E-07	-.2851E-04	-.4790E-04	.3139E-04	.3434E-04	-.5724E-06
-.9273E-07	-.5728E-04	-.7404E-04	.3422E-04	.4820E-04	-.6070E-06
-.9638E-07	-.8609E-04	-.1072E-03	.3737E-04	.5777E-04	-.6349E-06
-.9752E-07	-.1149E-03	-.1449E-03	.4067E-04	.6376E-04	-.6597E-06
-.9656E-07	-.1438E-03	-.1853E-03	.4428E-04	.6690E-04	-.6808E-06
-.9376E-07	-.1727E-03	-.2268E-03	.4836E-04	.6797E-04	-.6948E-06
-.8925E-07	-.2013E-03	-.2684E-03	.5289E-04	.6781E-04	-.3467E-06
-.1672E-06	-.4736E-04	-.2198E-03	.5323E-05	-.6192E-04	.4925E-06
-.1515E-06	-.4062E-04	-.1813E-03	.1418E-04	-.6335E-04	.7423E-06
-.1332E-06	-.3383E-04	-.1423E-03	.2261E-04	-.6313E-04	.7177E-06
-.1121E-06	-.2704E-04	-.1040E-03	.3118E-04	-.6049E-04	.6868E-06
-.8833E-07	-.2025E-04	-.6817E-04	.3931E-04	-.5462E-04	.6496E-06
-.6176E-07	-.1347E-04	-.3693E-04	.4626E-04	-.4467E-04	.6056E-06
-.3234E-07	-.6706E-05	-.1310E-04	.4982E-04	-.2972E-04	.5551E-06
.0000E+00	.0000E+00	.0000E+00	-.8180E-07	-.8839E-05	.2401E-06
.1099E-08	.7280E-07	-.2210E-05	.4890E-04	.1106E-04	-.3688E-07
.2193E-08	.9389E-07	-.1427E-04	.4495E-04	.2410E-04	-.3765E-07
.3262E-08	.1140E-06	-.3228E-04	.3828E-04	.3125E-04	-.3885E-07
.4289E-08	.1332E-06	-.5296E-04	.3121E-04	.3343E-04	-.4003E-07
.5253E-08	.1515E-06	-.7353E-04	.2446E-04	.3150E-04	-.4140E-07

W T D I S P L A C E M E N T S

CONDITION 1 - DISPLACEMENTS "U" AND ROTATIONS "R"

U(X)	U(Y)	U(Z)	R(X)	R(Y)	R(Z)
-.6136E-08	.1689E-06	-.9176E-04	.1856E-04	.2631E-04	-.4320E-07
-.6918E-08	.1853E-06	-.1059E-03	.1385E-04	.1870E-04	-.4565E-07
-.7578E-08	.2006E-06	-.1148E-03	.1059E-04	.9524E-05	-.4899E-07
-.8091E-08	.2146E-06	-.1176E-03	.8928E-05	-.4079E-06	-.5350E-07
-.8431E-08	.2270E-06	-.1143E-03	.8968E-05	-.1031E-04	-.5945E-07
-.8567E-08	.2375E-06	-.1049E-03	.1075E-04	-.1940E-04	-.6718E-07
-.8465E-08	.2457E-06	-.9040E-04	.1426E-04	-.2686E-04	-.7705E-07
-.8083E-08	.2511E-06	-.7189E-04	.1938E-04	-.3184E-04	-.8946E-07
-.7373E-08	.2532E-06	-.5117E-04	.2588E-04	-.3349E-04	-.1049E-06
-.6281E-08	.2512E-06	-.3055E-04	.3338E-04	-.3097E-04	-.1240E-06
-.4740E-08	.2445E-06	-.1281E-04	.4123E-04	-.2340E-04	-.1472E-06
-.2674E-08	.2318E-06	-.1319E-05	.4732E-04	-.9856E-05	-.1730E-06
.0000E+00	.0000E+00	.0000E+00	.4366E-05	.1062E-04	-.1349E-05
.8795E-07	-.2851E-04	-.1432E-04	.5549E-04	.3190E-04	-.2652E-05
.1640E-06	-.5728E-04	-.3960E-04	.5713E-04	.4720E-04	-.2800E-05
.2283E-06	-.8609E-04	-.7247E-04	.5628E-04	.5746E-04	-.2922E-05
.2811E-06	-.1149E-03	-.1102E-03	.5489E-04	.6359E-04	-.3018E-05
.3225E-06	-.1438E-03	-.1504E-03	.5346E-04	.6645E-04	-.3089E-05
.3526E-06	-.1727E-03	-.1915E-03	.5236E-04	.6685E-04	-.3136E-05
.3716E-06	-.2013E-03	-.2322E-03	.4969E-04	.6553E-04	-.2094E-05



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

ADDITION 1 - FORCES "F" AND MOMENTS "M"

F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
.4866E-10	.1558E-10	.8698E-08	.2192E-10	-.7594E-10	-.1047E-10
.0000E+00	.0000E+00	.1076E-10	.0000E+00	.8955E-11	.0000E+00
.0000E+00	.0000E+00	.1922E-10	.0000E+00	.6322E-11	.0000E+00
-.6111E-11	.0000E+00	.5039E-10	.0000E+00	-.1181E-10	.0000E+00
.5402E-11	.0000E+00	-.6981E-10	.0000E+00	-.1233E-10	.0000E+00
.2278E-11	.0000E+00	.2809E-10	.0000E+00	.7722E-11	.0000E+00
.0000E+00	.0000E+00	.2414E-10	.0000E+00	-.6747E-11	.0000E+00
-.4673E-10	.1801E-09	-.1481E-08	.4375E-11	-.5906E-10	.1303E-10
.0000E+00	.0000E+00	.1295E-10	.0000E+00	.0000E+00	.0000E+00
-.9123E-11	.0000E+00	-.1496E-10	.0000E+00	.0000E+00	.0000E+00
-.4355E-11	.2469E-11	-.1020E-10	.0000E+00	.5878E-11	.0000E+00
-.4475E-09	-.4924E-09	-.3867E-08	-.6887E-09	-.6662E-10	.2654E-09
.1073E-10	.4125E-11	.1106E-10	.0000E+00	-.1634E-11	.0000E+00
.3096E-10	-.3494E-11	-.1673E-10	.0000E+00	-.5443E-11	.0000E+00
.4693E-11	.3425E-11	.3984E-10	.0000E+00	-.1921E-11	.0000E+00
.2928E-11	-.3537E-11	-.5950E-10	.0000E+00	-.6723E-11	.0000E+00
.3698E-09	-.3377E-09	.5806E-08	.6799E-09	-.5076E-10	.1357E-09
.8969E-11	-.3034E-11	-.2125E-10	.0000E+00	-.8552E-11	.0000E+00
.3176E-11	.6502E-11	.1597E-10	.0000E+00	-.2828E-11	.0000E+00
.1268E-10	.1029E-10	-.1066E-10	.0000E+00	.1364E-11	.0000E+00
.6063E-11	.0000E+00	.1434E-11	.0000E+00	.2863E-11	.0000E+00
.4238E-09	.1043E-08	-.1545E-08	-.3180E-09	-.1132E-09	.9963E-10
.3022E-10	-.3788E-11	.3151E-10	.0000E+00	.7843E-11	.0000E+00
.6140E-10	.7613E-11	-.2543E-10	.0000E+00	-.3257E-11	.0000E+00
.1021E-10	-.1066E-10	.7475E-11	.0000E+00	.4200E-11	.0000E+00
.2319E-09	.3237E-08	-.2449E-08	-.8365E-09	.6366E-11	-.1110E-11
.1096E-10	-.4139E-11	.5796E-10	.0000E+00	-.2248E-11	.0000E+00
.3412E-10	-.3258E-11	-.1406E-10	.0000E+00	-.2485E-10	.0000E+00
.3118E-10	.2093E-10	-.7937E-10	.0000E+00	.5636E-11	.0000E+00
.3975E-11	.9821E-11	.4113E-10	.0000E+00	-.3253E-11	.0000E+00
.1301E-10	-.2057E-10	-.1380E-09	.0000E+00	-.1037E-10	.0000E+00
.2778E-11	.7748E-11	.4501E-10	.0000E+00	.2416E-10	.0000E+00
.7958E-11	-.1766E-08	-.6057E-09	.1244E-08	-.2046E-10	-.1032E-10
.1767E-09	.8875E-11	.2266E-08	-.4030E-10	.1551E-09	-.3354E-11
.3534E-11	.0000E+00	.2309E-10	.0000E+00	.5171E-11	.0000E+00
.1270E-11	.0000E+00	.4696E-10	.0000E+00	-.4298E-11	.0000E+00
.1192E-10	.0000E+00	.4194E-10	.0000E+00	-.3359E-11	.0000E+00
.1530E-10	-.2773E-11	.9109E-11	.0000E+00	-.1085E-11	.0000E+00
.0000E+00	-.3494E-11	.5905E-11	.0000E+00	.0000E+00	.0000E+00
.5909E-11	.2131E-11	.2684E-10	.0000E+00	-.2166E-11	.0000E+00
.3829E-09	.4531E-09	-.4576E-08	-.2931E-09	.1221E-09	.1614E-10
.2077E-10	-.1105E-11	-.1389E-10	.0000E+00	.3937E-11	.0000E+00
.1378E-11	-.2034E-11	.0000E+00	.0000E+00	.0000E+00	.0000E+00
.1606E-11	-.4666E-11	.1205E-10	.0000E+00	-.1518E-11	.0000E+00
.4643E-09	-.6068E-09	.5468E-08	-.5523E-09	.1185E-09	-.3664E-10
.2651E-11	-.5035E-11	-.1643E-10	.0000E+00	-.4434E-11	.0000E+00
.1062E-10	.3768E-11	.0000E+00	.0000E+00	-.3821E-11	.0000E+00
.1796E-11	.2314E-11	.1633E-10	.0000E+00	.5904E-11	.0000E+00
.1956E-10	.5875E-11	.3125E-10	.0000E+00	.0000E+00	.0000E+00
.3000E-09	-.7495E-08	.7902E-08	.7467E-09	-.1905E-09	.2006E-10
.1192E-10	-.3870E-11	-.8669E-11	.0000E+00	-.7585E-11	.0000E+00

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

CONDITION 1 - FORCES "F" AND MOMENTS "M"

F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
.3761E-10	-.2373E-11	-.2195E-10	.0000E+00	-.3422E-11	.0000E+00
.4089E-10	-.1537E-10	-.1720E-10	.0000E+00	.8353E-11	.0000E+00
-.2035E-11	-.9489E-11	.2030E-11	.0000E+00	.0000E+00	.0000E+00
.4538E-09	-.4692E-08	-.5944E-08	.1565E-09	-.7640E-10	.3207E-09
.1909E-10	-.1898E-10	.2350E-10	.0000E+00	.1877E-11	.0000E+00
-.3247E-10	-.1500E-10	.0000E+00	.0000E+00	.1730E-11	.0000E+00
.4270E-10	.1189E-11	.7175E-11	.0000E+00	.2375E-11	.0000E+00
.2233E-09	-.1150E-07	.6821E-11	.1947E-09	.7276E-11	.3707E-10
.4262E-10	-.1816E-10	.4535E-11	.0000E+00	.4551E-11	.0000E+00
.4427E-11	-.2134E-10	.0000E+00	.0000E+00	-.4087E-11	.0000E+00
-.2521E-10	.1133E-10	.9774E-11	.0000E+00	.6674E-11	.0000E+00
-.5649E-11	-.4795E-10	.1956E-10	.0000E+00	.1323E-10	.0000E+00
.1072E-10	.7600E-10	.3627E-11	.0000E+00	.1901E-10	.0000E+00
-.1273E-10	-.5203E-11	-.3138E-10	.0000E+00	.2004E-10	.0000E+00
.8458E-10	-.2692E-09	.1210E-07	-.1244E-08	.8458E-10	-.1305E-10
.1000E-09	.3037E-10	.1356E-07	.1838E-10	.4343E-10	-.4080E-11
.2066E-10	.0000E+00	.4416E-10	.0000E+00	.0000E+00	.0000E+00
-.1029E-10	.0000E+00	.4621E-10	.0000E+00	.0000E+00	.0000E+00
-.1605E-10	.0000E+00	.3382E-10	.0000E+00	.8076E-11	.0000E+00
.1277E-10	.1904E-11	.4585E-10	.0000E+00	.1409E-10	.0000E+00
.2625E-10	.0000E+00	.1769E-10	.0000E+00	.1012E-11	.0000E+00
-.1946E-10	.0000E+00	.3769E-11	.0000E+00	.1509E-11	.0000E+00
-.2506E-09	-.1440E-08	-.4750E-08	-.2873E-09	-.2329E-09	.5183E-11
.4491E-11	.0000E+00	.3349E-10	.0000E+00	.4842E-11	.0000E+00
.1048E-10	-.1481E-11	-.2302E-11	.0000E+00	-.2767E-11	.0000E+00
-.2611E-10	.2226E-11	-.8423E-11	.0000E+00	.2478E-11	.0000E+00
-.4434E-09	.7003E-09	.1179E-08	.9397E-09	-.9800E-10	.0000E+00
-.8566E-11	.5828E-11	-.2667E-10	.0000E+00	-.8864E-11	.0000E+00
.2716E-10	-.2087E-11	-.1171E-10	.0000E+00	.7852E-11	.0000E+00
-.4313E-10	-.7065E-11	.1531E-10	.0000E+00	.7116E-11	.0000E+00
-.2712E-10	-.1373E-10	.2255E-10	.0000E+00	-.2386E-11	.0000E+00
.2706E-09	.2544E-08	-.2304E-08	.9864E-09	-.1386E-09	-.1441E-09
-.4752E-10	.1210E-10	.6018E-11	.0000E+00	.1497E-11	.0000E+00
-.1187E-10	-.5264E-11	.3368E-11	.0000E+00	-.3302E-11	.0000E+00
.6352E-10	-.2319E-10	-.1042E-10	.0000E+00	-.1140E-11	.0000E+00
.3909E-10	-.2731E-10	-.1685E-10	.0000E+00	.5049E-11	.0000E+00
-.6762E-09	-.3147E-08	-.2679E-08	-.9453E-09	.2335E-09	.1774E-09
.5174E-10	.2841E-10	-.1880E-10	.0000E+00	.4682E-11	.0000E+00
.2425E-10	.4904E-11	.5021E-10	.0000E+00	.5570E-11	.0000E+00
.0000E+00	-.5137E-11	-.8928E-11	.0000E+00	-.2926E-11	.0000E+00
-.6457E-09	.4168E-08	-.2929E-08	-.7646E-09	-.5002E-10	-.1454E-09
-.1705E-11	-.1925E-10	-.2906E-11	.0000E+00	.5723E-11	.0000E+00
.3284E-10	.4840E-10	-.2219E-10	.0000E+00	.2411E-11	.0000E+00
.1788E-10	-.1366E-10	.1357E-11	.0000E+00	-.1565E-11	.0000E+00
.4032E-11	.3618E-10	.7279E-10	.0000E+00	-.6910E-11	.0000E+00
.3277E-10	-.1258E-10	.1197E-10	.0000E+00	-.2029E-10	.0000E+00
-.4090E-10	-.4800E-10	.2861E-10	.0000E+00	-.2969E-10	.0000E+00
.4361E-09	-.6644E-09	-.7362E-08	.6564E-10	.2210E-09	-.8161E-11
-.5207E-10	.8146E-10	-.1396E-08	-.3942E-10	.7617E-10	-.1758E-11
.1732E-11	.0000E+00	.3113E-10	.0000E+00	-.1191E-10	.0000E+00
.0000E+00	.0000E+00	-.3861E-10	.0000E+00	-.9234E-11	.0000E+00

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

CONDITION 1 - F O R C E S " F " A N D M O M E N T S " M "

F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
.1909E-10	.1091E-11	-.3918E-10	.0000E+00	.4178E-11	.0000E+00
.5873E-11	-.1160E-11	.8818E-11	.0000E+00	.7375E-11	.0000E+00
.2201E-10	.1110E-11	.3684E-11	.0000E+00	.0000E+00	.0000E+00
.1236E-10	.0000E+00	.0000E+00	.0000E+00	.1492E-11	.0000E+00
.3376E-09	-.9196E-09	-.8243E-08	.5598E-09	.1186E-09	.3648E-10
-.1654E-10	.0000E+00	.2821E-10	.0000E+00	.7944E-11	.0000E+00
.1000E-10	-.5170E-11	-.2935E-11	.0000E+00	.0000E+00	.0000E+00
-.7944E-11	-.2854E-11	.1544E-10	.0000E+00	-.2006E-11	.0000E+00
-.1610E-09	-.8641E-09	-.6820E-09	.4963E-09	.1507E-09	.3325E-11
-.3060E-10	-.1329E-10	.2750E-10	.0000E+00	-.3827E-11	.0000E+00
.3552E-10	-.4740E-11	-.2319E-10	.0000E+00	-.2311E-11	.0000E+00
.0000E+00	-.1429E-11	.5091E-11	.0000E+00	.2473E-11	.0000E+00
.3062E-10	.1275E-11	-.4608E-11	.0000E+00	.0000E+00	.0000E+00
-.4134E-09	-.3167E-08	-.8134E-08	.8978E-09	-.2255E-10	-.1413E-09
-.4787E-10	-.3041E-10	.1258E-10	.0000E+00	.3102E-11	.0000E+00
.1718E-10	-.2028E-10	-.6601E-11	.0000E+00	-.1446E-11	.0000E+00
.2570E-10	.3265E-11	-.1299E-10	.0000E+00	.2053E-11	.0000E+00
-.4259E-10	.0000E+00	-.4238E-11	.0000E+00	.8477E-11	.0000E+00
.7594E-10	.2257E-08	.2450E-08	.3815E-09	-.8390E-10	.4739E-10
.2783E-10	-.3407E-11	-.2905E-10	.0000E+00	.1287E-11	.0000E+00
.3063E-10	-.6427E-11	.5059E-11	.0000E+00	.4767E-11	.0000E+00
.1182E-10	-.3098E-11	.0000E+00	.0000E+00	.4537E-11	.0000E+00
.1899E-09	-.2226E-08	.3929E-09	-.2566E-10	-.4457E-10	-.5244E-10
.5360E-10	.1940E-10	.8395E-11	.0000E+00	.3116E-11	.0000E+00
.1024E-10	-.4131E-10	-.9511E-11	.0000E+00	-.2803E-11	.0000E+00
.1004E-10	-.1071E-10	-.4662E-10	.0000E+00	.0000E+00	.0000E+00
.7301E-10	.2129E-10	.1704E-10	.0000E+00	.1430E-10	.0000E+00
.2505E-11	.1944E-10	-.6745E-11	.0000E+00	.6643E-11	.0000E+00
.2227E-10	-.2459E-10	.2778E-11	.0000E+00	.1005E-10	.0000E+00
.3683E-10	-.4051E-08	.7421E-08	.3476E-08	.1426E-09	-.1547E-10
.1040E-09	-.4861E-10	-.3043E-09	-.5110E-10	.6179E-10	.1087E-10
.1975E-10	.2431E-11	-.1869E-10	.0000E+00	-.1011E-10	.0000E+00
.1681E-10	.1705E-11	.5802E-10	.0000E+00	.5436E-11	.0000E+00
.6398E-11	.0000E+00	-.8606E-10	.0000E+00	-.6166E-11	.0000E+00
.3170E-11	.0000E+00	.2683E-10	.0000E+00	.5913E-11	.0000E+00
.2538E-10	.0000E+00	.9123E-11	.0000E+00	.7836E-11	.0000E+00
.3634E-11	.0000E+00	.9152E-11	.0000E+00	.1189E-11	.0000E+00
.2752E-10	-.1387E-09	-.5421E-09	.1886E-09	.2937E-10	.2007E-10
.5735E-11	.0000E+00	.3345E-10	.0000E+00	.0000E+00	.0000E+00
.3615E-10	.4523E-11	-.3786E-10	.0000E+00	-.1670E-11	.0000E+00
.9479E-11	.0000E+00	.1221E-10	.0000E+00	.5582E-11	.0000E+00
.5361E-10	.7361E-10	-.3062E-08	.1083E-09	-.1200E-09	-.1196E-10
.1337E-10	.4310E-11	-.5741E-11	.0000E+00	-.3815E-11	.0000E+00
.7446E-11	-.2714E-11	.2853E-10	.0000E+00	-.3530E-11	.0000E+00
.6093E-11	.4088E-11	.8825E-11	.0000E+00	-.7719E-11	.0000E+00
.1002E-10	.6754E-11	-.3746E-10	.0000E+00	-.7822E-11	.0000E+00
.1518E-09	.8634E-11	-.9838E-08	-.2780E-09	-.8913E-10	.0000E+00
.2749E-10	-.3583E-11	.2683E-10	.0000E+00	-.1629E-11	.0000E+00
.4238E-11	-.1072E-11	.1331E-10	.0000E+00	-.1143E-10	.0000E+00
.2015E-10	.0000E+00	.2414E-11	.0000E+00	-.9608E-11	.0000E+00
.1047E-10	.5921E-11	-.2711E-10	.0000E+00	-.4591E-11	.0000E+00

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

CONDITION 1 - F O R C E S "F" A N D M O M E N T S "M"

F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
.1576E-09	.3641E-09	.2354E-08	-.1255E-09	-.5791E-10	-.3298E-10
-.1943E-10	.3986E-11	.2814E-11	.0000E+00	.3941E-11	.0000E+00
.1115E-10	-.8540E-11	.1715E-10	.0000E+00	.1170E-11	.0000E+00
.1703E-10	-.5528E-11	.0000E+00	.0000E+00	-.2109E-11	.0000E+00
.1170E-09	-.1206E-09	.2308E-08	-.3391E-10	.7127E-10	-.9068E-11
.1664E-10	-.1700E-10	.3467E-11	.0000E+00	-.1473E-10	.0000E+00
-.9676E-11	-.1205E-10	.2083E-10	.0000E+00	.4525E-11	.0000E+00
-.1937E-10	-.3519E-10	.8839E-11	.0000E+00	-.6356E-11	.0000E+00
.1672E-10	.7507E-11	.8509E-10	.0000E+00	.2959E-11	.0000E+00
.3993E-11	.7041E-11	.2598E-10	.0000E+00	-.2217E-11	.0000E+00
-.7743E-11	-.5454E-10	-.6921E-10	.0000E+00	.5602E-10	.0000E+00
.5012E-10	.1910E-09	.1122E-07	.7213E-09	.1853E-10	.6967E-11
-.4141E-09	.2254E-09	-.2783E-07	-.6970E-10	.3002E-11	.2530E-10
.0000E+00	-.1149E-10	.1467E-10	.0000E+00	.3100E-11	.0000E+00
.4554E-10	-.1599E-11	.4209E-10	.0000E+00	.2206E-11	.0000E+00
.8818E-11	.1882E-11	-.1276E-10	.0000E+00	-.1338E-10	.0000E+00
.8176E-11	.0000E+00	.3055E-11	.0000E+00	-.1444E-10	.0000E+00
.4565E-11	.0000E+00	-.1566E-10	.0000E+00	-.5089E-11	.0000E+00
.2147E-10	.0000E+00	-.1387E-10	.0000E+00	-.2337E-11	.0000E+00
.4787E-09	.1851E-10	-.7419E-09	.4379E-10	.6713E-10	.1407E-11
.1998E-11	-.1417E-11	-.4434E-11	.0000E+00	.0000E+00	.0000E+00
.2028E-11	-.2636E-11	.0000E+00	.0000E+00	.0000E+00	.0000E+00
.2771E-10	.4026E-11	.7660E-11	.0000E+00	.0000E+00	.0000E+00
.1852E-09	-.3331E-09	-.2792E-08	.5714E-10	.2713E-10	-.6002E-11
.1537E-10	.4092E-11	.4285E-11	.0000E+00	-.5249E-11	.0000E+00
.4362E-11	.4666E-11	.3830E-11	.0000E+00	.0000E+00	.0000E+00
.1251E-10	-.3751E-11	-.9026E-11	.0000E+00	-.2198E-11	.0000E+00
.1164E-10	.0000E+00	-.9607E-11	.0000E+00	-.1639E-11	.0000E+00
.1326E-09	.1089E-09	-.7114E-08	.2946E-10	-.1013E-09	.1190E-10
.1671E-10	-.8251E-11	-.4022E-11	.0000E+00	.3142E-11	.0000E+00
.3450E-11	.0000E+00	-.3132E-11	.0000E+00	-.4246E-11	.0000E+00
.1829E-10	-.1740E-11	-.1820E-10	.0000E+00	.0000E+00	.0000E+00
.2657E-11	-.3170E-11	-.1961E-10	.0000E+00	.3395E-11	.0000E+00
.7585E-10	-.4724E-10	-.1203E-08	.1546E-09	-.6292E-10	-.4231E-10
.1762E-11	.0000E+00	.4718E-11	.0000E+00	.1099E-10	.0000E+00
.1508E-10	-.1210E-10	.3034E-11	.0000E+00	.2969E-11	.0000E+00
.2042E-10	.5527E-11	.1364E-10	.0000E+00	.8492E-11	.0000E+00
.8890E-10	-.7726E-09	.5502E-09	-.3120E-09	-.1093E-09	-.1046E-10
.1021E-10	.2069E-10	.3809E-11	.0000E+00	-.5229E-11	.0000E+00
.6796E-11	-.1723E-11	-.6253E-11	.0000E+00	.0000E+00	.0000E+00
.3411E-11	.3988E-10	.1228E-10	.0000E+00	.6734E-11	.0000E+00
.1329E-10	-.1882E-10	-.2018E-10	.0000E+00	.4395E-11	.0000E+00
.1840E-11	-.6746E-10	-.2954E-10	.0000E+00	.4016E-10	.0000E+00
.6203E-11	-.1161E-11	-.8555E-11	.0000E+00	.1038E-10	.0000E+00
.3633E-10	-.1018E-07	-.4795E-07	.9299E-09	.4075E-10	.1325E-10
.1129E-09	.4791E-09	-.3953E-07	-.1432E-09	-.6583E-11	-.1449E-10
.0000E+00	.1261E-11	.1155E-10	.0000E+00	-.1151E-10	.0000E+00
.5816E-10	.0000E+00	.1319E-10	.0000E+00	-.1743E-11	.0000E+00
.7738E-10	.0000E+00	-.6644E-10	.0000E+00	.6409E-11	.0000E+00
.2379E-10	.0000E+00	.1927E-10	.0000E+00	.3758E-11	.0000E+00
.1971E-10	.0000E+00	-.1532E-10	.0000E+00	-.4050E-11	.0000E+00

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

ONDITION 1 - F O R C E S "F" A N D M O M E N T S "M"

F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
.4347E-10	.0000E+00	-.9891E-11	.0000E+00	.0000E+00	.0000E+00
.1425E-09	-.2133E-09	.8334E-08	.5574E-10	-.3874E-10	.3753E-10
-.4371E-10	.0000E+00	-.1563E-11	.0000E+00	-.2432E-11	.0000E+00
.3467E-10	-.8435E-11	-.2544E-11	.0000E+00	.1334E-11	.0000E+00
.4283E-11	.3620E-11	.6864E-11	.0000E+00	.2520E-11	.0000E+00
-.2399E-09	-.2236E-09	-.4653E-08	-.1037E-09	.6379E-10	.5040E-10
.4801E-10	-.1362E-10	-.1600E-10	.0000E+00	-.3297E-11	.0000E+00
-.2650E-10	.4030E-11	.2245E-11	.0000E+00	.1373E-11	.0000E+00
-.5856E-10	.3013E-11	.0000E+00	.0000E+00	-.1338E-11	.0000E+00
-.7044E-11	-.1242E-10	.7038E-11	.0000E+00	-.1338E-11	.0000E+00
-.6630E-10	-.1206E-09	-.3570E-08	.0000E+00	-.6064E-11	.0000E+00
-.6046E-10	-.1390E-10	.1575E-10	.7146E-10	-.1298E-10	-.2634E-11
.2143E-10	-.7671E-11	-.2415E-10	.0000E+00	-.6451E-11	.0000E+00
-.4828E-11	.6207E-11	.2558E-10	.0000E+00	-.2335E-11	.0000E+00
-.4101E-10	-.1742E-10	-.1911E-11	.0000E+00	.3340E-11	.0000E+00
-.7455E-10	-.8843E-10	-.3267E-08	-.2146E-09	.0000E+00	.0000E+00
-.5676E-10	.0000E+00	.1683E-10	.0000E+00	-.5109E-10	-.2619E-10
.9989E-10	.5193E-11	-.4412E-11	.0000E+00	.4862E-11	.0000E+00
-.3828E-10	.9055E-11	.8498E-11	.0000E+00	.2353E-11	.0000E+00
-.7680E-10	-.1071E-08	.4506E-08	-.3184E-09	.1174E-11	.0000E+00
.8843E-11	.0000E+00	.2495E-10	.0000E+00	-.5726E-10	.2068E-10
.1581E-10	.2304E-11	.1353E-10	.0000E+00	-.2015E-11	.0000E+00
-.1580E-10	-.2105E-10	.0000E+00	.0000E+00	-.9558E-11	.0000E+00
.0000E+00	-.2276E-10	.4114E-11	.0000E+00	-.4122E-11	.0000E+00
-.3194E-11	.7233E-10	.6049E-10	.0000E+00	.0000E+00	.0000E+00
.4479E-10	-.1436E-10	-.6987E-10	.0000E+00	-.1574E-10	.0000E+00
-.4770E-09	-.1093E-07	-.1778E-07	-.1857E-08	.2291E-10	.0000E+00
-.8476E-10	.2856E-09	.1085E-07	-.3109E-09	.1168E-09	.0000E+00
-.2863E-11	.1333E-11	.2115E-10	.0000E+00	-.1017E-09	-.3503E-10
.1359E-09	.0000E+00	.5951E-10	.0000E+00	-.1031E-11	.0000E+00
-.6198E-11	-.1499E-11	-.5951E-10	.0000E+00	-.6752E-11	.0000E+00
-.7268E-10	.0000E+00	-.3723E-11	.0000E+00	-.1545E-10	.0000E+00
-.3033E-10	.0000E+00	.4004E-11	.0000E+00	.1040E-10	.0000E+00
.6547E-10	.0000E+00	.4235E-10	.0000E+00	.1307E-10	.0000E+00
.8200E-09	-.3738E-10	.3931E-08	.1105E-09	.0000E+00	.0000E+00
.1622E-10	-.4228E-11	.8697E-11	.0000E+00	.5895E-10	.5091E-10
.7102E-10	.3125E-11	-.1278E-10	.0000E+00	.3469E-11	.0000E+00
.4516E-10	-.5406E-11	.5112E-11	.0000E+00	.0000E+00	.0000E+00
.1426E-09	.1455E-09	-.4746E-08	.4507E-11	.4634E-11	.0000E+00
.7176E-10	.1070E-10	.1631E-10	.0000E+00	.9232E-10	.4649E-10
.7526E-10	.4919E-11	.6320E-11	.0000E+00	-.3583E-11	.0000E+00
.4288E-11	.0000E+00	-.3582E-10	.0000E+00	-.4721E-11	.0000E+00
.3290E-10	-.7506E-11	-.5539E-11	.0000E+00	.3543E-11	.0000E+00
.5616E-10	-.7107E-09	-.3335E-08	.1344E-09	.5236E-11	.0000E+00
.2807E-10	.1562E-10	-.8875E-11	.0000E+00	.8461E-10	.3077E-11
.5695E-10	.1922E-11	-.2007E-10	.0000E+00	-.3987E-11	.0000E+00
.2380E-10	-.1611E-10	.2647E-10	.0000E+00	-.1068E-11	.0000E+00
.3688E-10	.9806E-11	.0000E+00	.0000E+00	.6535E-11	.0000E+00
.3085E-09	.2727E-09	-.2698E-08	.0000E+00	-.3473E-11	.0000E+00
.9811E-11	-.2510E-10	.2217E-10	.0000E+00	-.9150E-10	.4036E-11
.1467E-11	.2236E-11	-.7063E-11	.0000E+00	.1126E-11	.0000E+00
				-.3549E-11	.0000E+00

IONS AND APPLIED FORCES

ITION 1 - FORCES "F" AND MOMENTS "M"

F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
3586E-11	-.5749E-11	.1089E-10	.0000E+00	-.2213E-11	.0000E+00
1167E-09	-.1580E-09	-.2778E-08	-.8312E-10	-.1026E-10	-.2047E-10
1928E-10	.1852E-10	.1188E-10	.0000E+00	-.2474E-11	.0000E+00
5373E-11	-.2427E-10	.2167E-10	.0000E+00	.0000E+00	.0000E+00
6712E-10	-.1041E-10	-.2113E-10	.0000E+00	-.1685E-11	.0000E+00
6076E-10	.4579E-11	-.1310E-10	.0000E+00	.8316E-11	.0000E+00
1848E-10	-.1053E-09	.2562E-10	.0000E+00	-.1286E-11	.0000E+00
1305E-10	-.8002E-11	-.4787E-10	.0000E+00	.0000E+00	.0000E+00
7536E-10	.3829E-08	.8112E-08	.4344E-09	-.2195E-09	.1503E-10
0000E+00	-.1683E-10	-.1880E-09	.0000E+00	.0000E+00	.0000E+00
1020E-11	.2075E-11	-.5457E-11	.0000E+00	.0000E+00	.0000E+00
1243E-11	.4036E-11	-.7276E-11	.0000E+00	.0000E+00	.0000E+00
2601E-11	-.1431E-10	-.1424E-09	-.1222E-11	.0000E+00	.0000E+00
0000E+00	.1074E-10	-.1216E-10	.0000E+00	.0000E+00	.0000E+00
0000E+00	-.1670E-11	.3411E-11	.0000E+00	.0000E+00	.0000E+00
0000E+00	.3471E-10	.0000E+00	.0000E+00	.0000E+00	.1738E-11
428E-11	.6519E-10	.0000E+00	.5462E-11	.0000E+00	.0000E+00
0000E+00	-.1976E-10	-.4832E-11	.0000E+00	.0000E+00	.1359E-11
854E-11	.2054E-11	-.2046E-11	.0000E+00	.0000E+00	.1281E-11
0000E+00	-.5029E-11	-.4547E-11	.0000E+00	.0000E+00	.1446E-11
051E-10	-.3295E-10	-.1069E-10	.2969E-11	.0000E+00	.0000E+00
657E-11	.2911E-10	-.1119E-09	.3286E-11	.0000E+00	.1354E-11
933E-11	.2160E-11	.1819E-11	.0000E+00	.0000E+00	.0000E+00
338E-11	.2311E-10	-.7276E-11	.0000E+00	.0000E+00	.0000E+00
276E-11	.3416E-10	.7105E-11	-.1847E-11	.0000E+00	.0000E+00
000E+00	.2153E-11	-.7304E-10	-.8221E-11	.0000E+00	.0000E+00
000E+00	.0000E+00	-.3638E-11	.0000E+00	.0000E+00	.0000E+00
000E+00	.0000E+00	-.3638E-11	.0000E+00	.0000E+00	.0000E+00
000E+00	.1033E-09	-.4294E-09	-.2836E-10	.0000E+00	.0000E+00
000E+00	-.7215E-11	-.7244E-10	.1082E-10	.0000E+00	.0000E+00
000E+00	.0000E+00	.6366E-11	.0000E+00	.0000E+00	.0000E+00
000E+00	.6473E-11	-.7503E-11	.0000E+00	.0000E+00	.0000E+00
000E+00	-.1184E-09	.1078E-09	-.4690E-10	.0000E+00	.0000E+00
000E+00	-.1464E-10	.9628E-10	-.1490E-10	.0000E+00	.0000E+00
000E+00	.1915E-11	-.2956E-11	.1465E-11	.0000E+00	.0000E+00
000E+00	.1366E-11	-.2501E-11	.0000E+00	.0000E+00	.0000E+00
000E+00	.2019E-11	.8336E-10	-.6383E-11	.0000E+00	.0000E+00
000E+00	.0000E+00	.9068E-10	.7752E-11	.0000E+00	.0000E+00
000E+00	-.2927E-11	-.7276E-11	.0000E+00	.0000E+00	.0000E+00
000E+00	.8527E-11	-.1819E-11	.0000E+00	.0000E+00	.0000E+00
000E+00	-.7269E-11	-.1492E-09	.3403E-11	.0000E+00	.0000E+00
000E+00	-.1921E-10	.5225E-10	-.2659E-11	-.4204E-11	.0000E+00
000E+00	.1268E-10	.2768E-10	.0000E+00	-.6976E-11	.0000E+00
000E+00	-.6690E-11	-.3351E-10	.0000E+00	-.1128E-10	.0000E+00
000E+00	-.6915E-11	.0000E+00	.0000E+00	.0000E+00	.0000E+00
000E+00	.4367E-11	-.1705E-10	.0000E+00	.4892E-11	.0000E+00
000E+00	.2623E-11	.3077E-11	.0000E+00	.2956E-11	.0000E+00
000E+00	-.1469E-11	.5812E-11	.0000E+00	.0000E+00	.0000E+00
7E+01	-.2264E+03	.1625E+05	.0000E+00	.1044E-11	.0000E+00
0000	.0000	.0000	.0000	.0000	.0000
000E+00	.0000E+00	.2423E-11	.0000E+00	-.2305E-11	.0000E+00

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

CONDITION 1 - F O R C E S "F" A N D M O M E N T S "M"

F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
.0000E+00	.0000E+00	-.2309E-11	.0000E+00	.1169E-11	.0000E+00
.0000E+00	.0000E+00	-.4178E-11	.0000E+00	.2935E-11	.0000E+00
.0000E+00	.0000E+00	.1988E-10	.0000E+00	.3708E-11	.0000E+00
.0000E+00	.0000E+00	-.1009E-11	.0000E+00	.3843E-11	.0000E+00
.0000E+00	.0000E+00	.8417E-10	.0000E+00	-.7547E-11	.0000E+00
.0000E+00	.0000E+00	.1232E-10	.0000E+00	-.6489E-11	.0000E+00
.0000E+00	.0000E+00	.5039E-10	.0000E+00	.4454E-11	.0000E+00
.0000E+00	.0000E+00	.8242E-11	.0000E+00	-.1140E-10	.0000E+00
.0000E+00	.0000E+00	-.4045E-10	.0000E+00	-.9451E-11	.0000E+00
.0000E+00	.0000E+00	.1423E-10	.0000E+00	.1268E-10	.0000E+00
.0000E+00	.0000E+00	.1245E-10	.0000E+00	.5314E-11	.0000E+00
.0000E+00	.0000E+00	.4185E-11	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	.0000E+00	.0000E+00	-.1372E-11	.0000E+00
.0000E+00	.0000E+00	.3759E-11	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	.3425E-11	.0000E+00	-.3464E-11	.0000E+00
.1283E+03	-.2597E+03	.1751E+05	.0000E+00	-.1764E-11	.0000E+00
.0000E+00	-.6638E-11	.0000E+00	.0000E+00	-.5279E-11	.0000E+00
.0000E+00	.3006E-11	.3986E-11	.0000E+00	.1415E-11	.0000E+00
.0000E+00	.2266E-10	.2036E-10	.0000E+00	-.1170E-10	.0000E+00
.0000E+00	-.2930E-10	-.5215E-11	.0000E+00	.2918E-11	.0000E+00
.0000E+00	-.1119E-10	.1064E-09	.0000E+00	.1618E-11	.0000E+00
.0000E+00	.5716E-10	.8945E-10	.0000E+00	-.6598E-11	.0000E+00
.0000E+00	.2159E-10	-.1305E-09	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.9510E-11	-.7166E-11	.0000E+00	.1165E-10	.0000E+00
.0000E+00	.1601E-10	.6054E-10	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.1171E-10	.1398E-10	.0000E+00	-.1307E-10	.0000E+00
.0000E+00	.3492E-11	.2439E-10	.0000E+00	-.3590E-11	.0000E+00
.0000E+00	-.2631E-11	.5322E-10	.0000E+00	.4649E-11	.0000E+00
.0000E+00	-.2391E-11	-.2212E-11	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.1660E-11	-.1810E-10	.0000E+00	.7942E-11	.0000E+00
.0000E+00	.0000E+00	.4625E-10	.0000E+00	.8140E-11	.0000E+00
.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	.4723E-11	.0000E+00	-.5364E-11	.0000E+00
.0000E+00	.0000E+00	-.1981E-11	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	-.1892E-10	.0000E+00	.8025E-11	.0000E+00
.0000E+00	.0000E+00	.5588E-11	.0000E+00	.9175E-11	.0000E+00
.0000E+00	.0000E+00	.3207E-10	.0000E+00	.5550E-11	.0000E+00
.0000E+00	.0000E+00	.1259E-10	.0000E+00	.2254E-10	.0000E+00
.0000E+00	.0000E+00	.1562E-09	.0000E+00	.3840E-11	.0000E+00
.0000E+00	.0000E+00	-.4993E-10	.0000E+00	-.6188E-11	.0000E+00
.0000E+00	.0000E+00	.3527E-10	.0000E+00	-.1784E-11	.0000E+00
.0000E+00	.0000E+00	-.7286E-10	.0000E+00	-.9106E-11	.0000E+00
.0000E+00	.0000E+00	.4487E-10	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	.4370E-10	.0000E+00	-.5996E-11	.0000E+00
.0000E+00	.0000E+00	-.1014E-10	.0000E+00	-.2219E-11	.0000E+00
.0000E+00	.0000E+00	-.8120E-11	.0000E+00	-.6276E-11	.0000E+00
.0000E+00	.0000E+00	.2736E-11	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	-.2695E-11	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	-.1259E-10	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.1535E-10	.0000E+00	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.2210E-11	.1345E-10	.0000E+00	-.5652E-11	.0000E+00

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

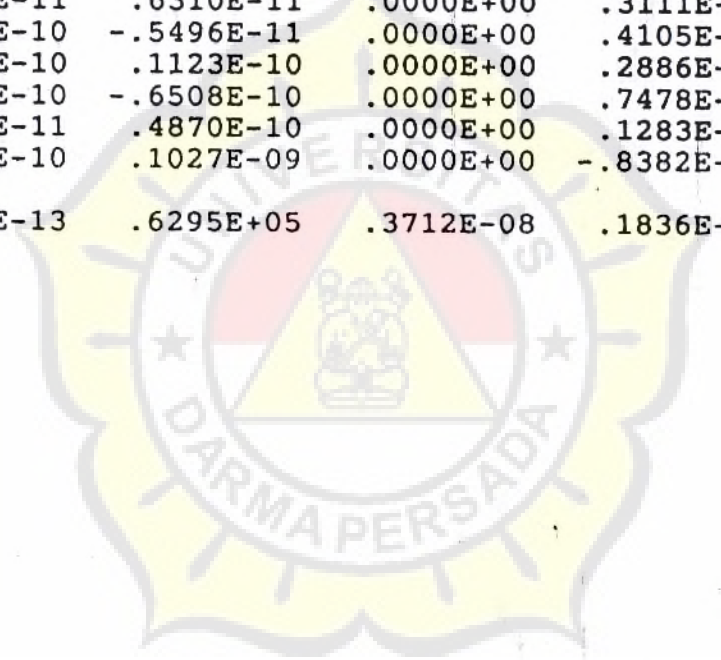
CONDITION 1 - FORCES "F" AND MOMENTS "M"

F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
.0000E+00	.1870E-10	-.1249E-10	.0000E+00	-.3492E-11	.0000E+00
.0000E+00	.6964E-10	.1233E-10	.0000E+00	.3470E-11	.0000E+00
.0000E+00	.3400E-11	.1101E-09	.0000E+00	-.1350E-10	.0000E+00
.0000E+00	-.8961E-10	-.4062E-10	.0000E+00	-.2496E-10	.0000E+00
.0000E+00	.1053E-09	.2856E-10	.0000E+00	-.1588E-11	.0000E+00
.0000E+00	.2722E-10	.2114E-10	.0000E+00	.0000E+00	.0000E+00
.0000E+00	-.3229E-11	-.1893E-10	.0000E+00	.5599E-11	.0000E+00
.0000E+00	-.6488E-11	.3099E-10	.0000E+00	.3689E-11	.0000E+00
.0000E+00	.1013E-11	.8001E-11	.0000E+00	.3289E-11	.0000E+00
.0000E+00	.0000E+00	.1546E-10	.0000E+00	-.6472E-11	.0000E+00
.0000E+00	.1891E-11	-.6251E-11	.0000E+00	-.2505E-11	.0000E+00
.0000E+00	-.2384E-11	-.1677E-10	.0000E+00	.7354E-11	.0000E+00
.0000E+00	.0000E+00	.2237E-10	.0000E+00	.1028E-10	.0000E+00
.0000E+00	.0000E+00	.1121E-10	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	-.7455E-11	.0000E+00	-.1138E-11	.0000E+00
.0000E+00	.0000E+00	.1096E-11	.0000E+00	.4068E-11	.0000E+00
.0000E+00	.0000E+00	.3403E-10	.0000E+00	.1293E-11	.0000E+00
.0000E+00	.0000E+00	.3938E-10	.0000E+00	.1127E-10	.0000E+00
.0000E+00	.0000E+00	-.2453E-10	.0000E+00	.6644E-11	.0000E+00
.0000E+00	.0000E+00	-.1330E-10	.0000E+00	.3176E-11	.0000E+00
.0000E+00	.0000E+00	-.5899E-10	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	.8713E-11	.0000E+00	.1377E-10	.0000E+00
.0000E+00	.0000E+00	.3056E-10	.0000E+00	.9993E-11	.0000E+00
.0000E+00	.0000E+00	.1308E-10	.0000E+00	.9281E-11	.0000E+00
.0000E+00	.0000E+00	-.4998E-10	.0000E+00	.1128E-10	.0000E+00
.0000E+00	.0000E+00	-.1441E-10	.0000E+00	.1768E-10	.0000E+00
.0000E+00	.0000E+00	.1330E-10	.0000E+00	.1358E-10	.0000E+00
.0000E+00	.0000E+00	.2128E-10	.0000E+00	.5314E-11	.0000E+00
.0000E+00	.0000E+00	.3189E-10	.0000E+00	.2572E-11	.0000E+00
.0000E+00	.0000E+00	-.1505E-10	.0000E+00	-.4273E-11	.0000E+00
.0000E+00	.0000E+00	.2171E-10	.0000E+00	-.4401E-11	.0000E+00
.0000E+00	.8873E-11	-.1017E-10	.0000E+00	-.4881E-11	.0000E+00
.0000E+00	.2712E-10	-.2001E-10	.0000E+00	.8174E-11	.0000E+00
.0000E+00	-.1005E-11	-.1824E-10	.0000E+00	.9045E-11	.0000E+00
.0000E+00	.3851E-11	.6938E-10	.0000E+00	-.6716E-11	.0000E+00
.0000E+00	.5767E-10	.3855E-10	.0000E+00	-.2034E-10	.0000E+00
.0000E+00	.6999E-11	-.8565E-10	.0000E+00	-.2070E-10	.0000E+00
.0000E+00	-.1297E-10	-.6105E-10	.0000E+00	-.1056E-10	.0000E+00
.0000E+00	.9455E-11	-.2549E-10	.0000E+00	.8570E-11	.0000E+00
.0000E+00	-.9749E-11	.2216E-10	.0000E+00	.1348E-11	.0000E+00
.0000E+00	.1060E-10	-.5478E-10	.0000E+00	.9364E-11	.0000E+00
.0000E+00	-.1943E-11	.7449E-10	.0000E+00	.2943E-11	.0000E+00
.0000E+00	.0000E+00	.3496E-11	.0000E+00	-.1069E-10	.0000E+00
.0000E+00	.0000E+00	-.1264E-10	.0000E+00	-.3372E-11	.0000E+00
.0000E+00	.1100E-11	.2970E-11	.0000E+00	.3113E-11	.0000E+00
.9200E+02	.2506E+03	.1488E+05	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	.0000E+00	.0000E+00	.1657E-11	.0000E+00
.0000E+00	.0000E+00	-.2700E-11	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	.6715E-11	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	.5137E-11	.0000E+00	.1540E-11	.0000E+00
.0000E+00	.0000E+00	.3998E-10	.0000E+00	-.3717E-11	.0000E+00

TIONS AND APPLIED FORCES

CONDITION 1 - FORCES "F" AND MOMENTS "M"

F(X)	F(Y)	F(Z)	M(X)	M(Y)	M(Z)
.0000E+00	.0000E+00	-.4772E-10	.0000E+00	.6416E-11	.0000E+00
.0000E+00	.0000E+00	.6387E-10	.0000E+00	.2866E-11	.0000E+00
.0000E+00	.0000E+00	-.6342E-10	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.0000E+00	.8640E-11	.0000E+00	.2161E-10	.0000E+00
.0000E+00	.0000E+00	.1166E-10	.0000E+00	.3988E-11	.0000E+00
.0000E+00	.0000E+00	.5165E-10	.0000E+00	-.1210E-10	.0000E+00
.0000E+00	.0000E+00	-.6073E-10	.0000E+00	-.6735E-11	.0000E+00
.0000E+00	.0000E+00	.1431E-10	.0000E+00	.4215E-11	.0000E+00
.0000E+00	.0000E+00	.2910E-10	.0000E+00	-.2221E-11	.0000E+00
.0000E+00	.0000E+00	.4256E-11	.0000E+00	-.6704E-11	.0000E+00
.0000E+00	.0000E+00	-.2700E-11	.0000E+00	-.1950E-11	.0000E+00
.0000E+00	.0000E+00	.1037E-11	.0000E+00	.0000E+00	.0000E+00
-.2186E+03	.2354E+03	.1431E+05	.0000E+00	.0000E+00	.0000E+00
.0000E+00	.1259E-10	.0000E+00	.0000E+00	.4337E-11	.0000E+00
.0000E+00	-.7979E-11	.6310E-11	.0000E+00	.3111E-11	.0000E+00
.0000E+00	.3210E-10	-.5496E-11	.0000E+00	.4105E-11	.0000E+00
.0000E+00	.8058E-10	.1123E-10	.0000E+00	.2886E-11	.0000E+00
.0000E+00	.5821E-10	-.6508E-10	.0000E+00	.7478E-11	.0000E+00
.0000E+00	.4384E-11	.4870E-10	.0000E+00	.1283E-10	.0000E+00
.0000E+00	.5153E-10	.1027E-09	.0000E+00	-.8382E-11	.0000E+00
.3156E-10	-.5507E-13	.6295E+05	.3712E-08	.1836E-09	.6267E-09



ME ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1*****	.0	.12958E-01	-.39094E+01	-.24350E+06	.10278E+10		-55389.58
610.0	.12958E-01	.39948E+01	-.34348E+06	.84877E+09			
1*****	.0	.13485E-01	-.41141E+01	-.36017E+06	.84878E+09		-13135.36
610.0	.13485E-01	.41120E+01	-.45101E+06	.60137E+09			
1*****	.0	.13470E-01	-.41089E+01	-.46733E+06	.60137E+09		585.42
610.0	.13470E-01	.41080E+01	-.54521E+06	.29254E+09			
1*****	.0	.13461E-01	-.41061E+01	-.55880E+06	.29254E+09		-4538.78
610.0	.01	4.11	-636689.62	-72082708.80			
1*****	.0	.01	-4.10	-650375.03	-72082624.28		3556.77
610.0	.13452E-01	.41024E+01	-.72826E+06	-.49257E+09			
1*****	.0	.13442E-01	-.41004E+01	-.74188E+06	-.49257E+09		10025.21
610.0	.13442E-01	.40993E+01	-.81977E+06	-.96887E+09			
1*****	.0	.13546E-01	-.41024E+01	-.83330E+06	-.96887E+09		58023.28
610.0	.13546E-01	.41608E+01	-.93901E+06	-.15094E+10			
1*****	.0	.24730E-02	-.75996E+00	.94588E+06	-.98701E+09		-54054.55
610.0	.24730E-02	.74859E+00	.84017E+06	-.44227E+09			
1*****	.0	.24538E-02	-.74863E+00	.82669E+06	-.44227E+09		-2454.93
610.0	.00	.75	748804.56	38260341.78			
1*****	.0	.00	-.75	735369.74	38260270.38		3249.58
610.0	.24491E-02	.74671E+00	.65748E+06	.46308E+09			
1*****	.0	.24644E-02	-.74649E+00	.64402E+06	.46308E+09		54117.54
610.0	.24644E-02	.75680E+00	.53831E+06	.82369E+09			
1*****	.0	.21536E-02	-.66192E+00	.50792E+06	-.51840E+09		-56485.90
610.0	.21536E-02	.65177E+00	.40440E+06	-.24014E+09			
1*****	.0	.21293E-02	-.64978E+00	.39090E+06	-.24014E+09		-7362.12
610.0	.00	.65	313015.67	-25443697.28			

AME ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1*****	.0		.00	-.65	299474.30	-25443027.01	-1119.69
610.0	.21225E-02	.64701E+00			.22159E+06	.13348E+09	
1*****	.0		.21155E-02	-.64559E+00	.20804E+06	.13348E+09	-2708.95
610.0	.21155E-02	.64487E+00			.12423E+06	.23482E+09	
1*****	.0		.21254E-02	-.64397E+00	.10793E+06	.23482E+09	67672.21
610.0	.21254E-02	.65254E+00			.23747E+05	.27499E+09	
1*****	.0		.56950E-02	-.17498E+01	-.23745E+05	.27498E+09	-67672.22
610.0	.56950E-02	.17242E+01			-.10793E+06	.23482E+09	
1*****	.0		.56435E-02	-.17216E+01	-.12423E+06	.23482E+09	2708.92
610.0	.56435E-02	.17209E+01			-.20804E+06	.13348E+09	
1*****	.0		.56368E-02	-.17196E+01	-.22159E+06	.13348E+09	1119.65
610.0	.01	1.72			-299472.73	-25442545.93	
1*****	.0		.01	-1.72	-313014.09	-25443216.20	7362.09
610.0	.56297E-02	.17167E+01			-.39090E+06	-.24014E+09	
1*****	.0		.56669E-02	-.17164E+01	-.40440E+06	-.24014E+09	56485.89
610.0	.56669E-02	.17404E+01			-.50791E+06	-.51839E+09	
1*****	.0		.46128E-02	-.14172E+01	-.53831E+06	.82369E+09	-54117.52
610.0	.46128E-02	.13966E+01			-.64402E+06	.46308E+09	
1*****	.0		.45726E-02	-.13948E+01	-.65748E+06	.46308E+09	-3249.54
610.0	.00	1.39			-735367.71	38260273.95	
1*****	.0		.00	-1.39	-748802.53	38260345.34	2454.97
610.0	.45678E-02	.13929E+01			-.82669E+06	-.44226E+09	
1*****	.0		.46042E-02	-.13945E+01	-.84017E+06	-.44226E+09	54054.57
610.0	.46042E-02	.14141E+01			-.94587E+06	-.98701E+09	
1*****	.0		-.22822E-01	.70103E+01	.93901E+06	-.15094E+10	-58023.25
610.0	-.22822E-01	-.69114E+01			.83330E+06	-.96887E+09	

ME ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1*****							-10025.13
	.0	-.22645E-01	.69063E+01		.81977E+06	-.96887E+09	
	610.0	-.22645E-01	-.69074E+01		.74188E+06	-.49257E+09	
1*****							-3556.66
	.0	-.22656E-01	.69095E+01		.72826E+06	-.49256E+09	
	610.0		-.02	-6.91	650372.88	-72081966.48	
1*****							4538.90
	.0		-.02	6.91	636687.47	-72082051.03	
	610.0	-.22665E-01	-.69133E+01		.55880E+06	.29254E+09	
1*****							-585.32
	.0	-.22674E-01	.69151E+01		.54521E+06	.29254E+09	
	610.0	-.22674E-01	-.69160E+01		.46733E+06	.60137E+09	
1*****							13135.43
	.0	-.22689E-01	.69190E+01		.45101E+06	.60136E+09	
	610.0	-.22689E-01	-.69211E+01		.36017E+06	.84877E+09	
1*****							55389.44
	.0	-.22201E-01	.68042E+01		.34348E+06	.84877E+09	
	610.0	-.22201E-01	-.67383E+01		.24349E+06	.10278E+10	
1*****							34536.87
	.0	.13933E-01	-.42701E+01	-.21993E+06	.99794E+09		
	610.0	.13933E-01	.42290E+01	-.30701E+06	.83722E+09		
1*****							-3830.73
	.0	.13852E-01	-.42248E+01	-.34779E+06	.83722E+09		
	610.0	.13852E-01	.42247E+01	-.41347E+06	.60504E+09		
1*****							-15557.70
	.0	.13849E-01	-.42243E+01	-.45050E+06	.60504E+09		
	610.0	.13849E-01	.42238E+01	-.52367E+06	.30792E+09		
1*****							-2748.77
	.0	.13844E-01	-.42228E+01	-.55695E+06	.30791E+09		
	610.0		.01	4.22	-630130.03	-54147076.25	
1*****							1754.40
	.0		.01	-4.22	-663316.62	-54147160.69	
	610.0	.13840E-01	.42208E+01	-.73649E+06	-.48109E+09		
1*****							3561.59
	.0	.13835E-01	-.42199E+01	-.76974E+06	-.48109E+09		
	610.0	.13835E-01	.42196E+01	-.84292E+06	-.97295E+09		
1*****							-18279.09
	.0	.13727E-01	-.41792E+01	-.87625E+06	-.97295E+09		
	610.0	.13727E-01	.41944E+01	-.97935E+06	-.15389E+10		

M E E L E M E N T F O R C E S

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	.0		.00	-.66	302798.28	-13940034.46	
	610.0		.21628E-02	.65984E+00	.22962E+06	.14845E+09	

	.0		.21665E-02	-.66059E+00	.19630E+06		-5255.53
	610.0		.21665E-02	.66099E+00	.95640E+05	.14845E+09	.23749E+09

	.0		.21534E-02	-.65538E+00	.54758E+05		21656.05
	346.4		.21534E-02	.90647E-01	-.19283E+00	.23749E+09	
	610.0		.21534E-02	.65820E+00	-.41659E+05	.24698E+09	.24149E+09

	.0		.57905E-02	-.17692E+01	.41660E+05		-21656.07
	263.6		.57905E-02	-.24299E+00	-.19283E+00	.24148E+09	
	610.0		.57905E-02	.17630E+01	-.54756E+05	.24697E+09	.23749E+09

	.0		.58388E-02	-.17807E+01	-.95638E+05		5255.49
	610.0		.58388E-02	.17810E+01	-.19629E+06	.23749E+09	

	.0		.58422E-02	-.17817E+01	-.22962E+06		-304.55
	610.0		.01	1.78	-302796.60	.14845E+09	-13939524.56

	.0		.01	-1.78	-336127.24		-2213.92
	610.0		.58460E-02	.17833E+01	-.40930E+06	-.24130E+09	-13938854.25

	.0		.58048E-02	-.17670E+01	-.44268E+06		18914.97
	610.0		.58048E-02	.17740E+01	-.54577E+06	-.24129E+09	-.54277E+09

	.0		.47433E-02	-.14493E+01	-.51501E+06		-20080.07
	610.0		.47433E-02	.14441E+01	-.61810E+06	.81092E+09	.46532E+09

	.0		.47822E-02	-.14585E+01	-.65151E+06		170.00
	610.0		.00	1.46	-724685.56	.46532E+09	45580220.17

	.0		.00	-1.46	-758122.75		237.44
	610.0		.47847E-02	.14595E+01	-.83130E+06	45580148.80	-.43919E+09

	.0		.47479E-02	-.14453E+01	-.86469E+06		20224.42
	610.0		.47479E-02	.14509E+01	-.96779E+06	-.43919E+09	-.99810E+09

	.0		-.23084E-01	.70542E+01	.97935E+06		-18278.84
	610.0		-.23084E-01	-.70273E+01	.87625E+06	-.15389E+10	-.97294E+09

NAME ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1*****	.0	-.23261E-01	.70950E+01				3562.23
	610.0	-.23261E-01	-.70942E+01		.84291E+06	-.97294E+09	
					.76974E+06	-.48109E+09	
1*****	.0	-.23255E-01	.70931E+01				1755.28
	610.0		-.02	-7.09	.73649E+06	-.48109E+09	
					663314.06	-54146376.54	
1*****	.0		-.02	7.09			-2747.81
	610.0	-.23250E-01	-.70911E+01		630127.47	-54146292.10	
					.55695E+06	.30791E+09	
1*****	.0	-.23246E-01	.70901E+01				-15556.83
	610.0	-.23246E-01	-.70896E+01		.52367E+06	.30791E+09	
					.45049E+06	.60503E+09	
1*****	.0	-.23244E-01	.70893E+01				-3830.09
	610.0	-.23244E-01	-.70896E+01		.41347E+06	.60504E+09	
					.34778E+06	.83722E+09	
1*****	.0	-.22988E-01	.70191E+01				34536.79
	610.0	-.22988E-01	-.70037E+01		.30701E+06	.83722E+09	
					.21992E+06	.99793E+09	
1*****	.0	.13927E-01	-.43292E+01	-.24349E+06			55389.63
	610.0	.13927E-01	.41664E+01	-.34348E+06		.10278E+10	
						.84877E+09	
1*****	.0	.13265E-01	-.40448E+01	-.36017E+06			13134.78
	610.0	.13265E-01	.40471E+01	-.45101E+06		.84878E+09	
						.60136E+09	
1*****	.0	.13281E-01	-.40503E+01	-.46733E+06			-586.21
	610.0	.13281E-01	.40512E+01	-.54521E+06		.60137E+09	
						.29254E+09	
1*****	.0	.13290E-01	-.40531E+01	-.55880E+06			4537.92
	610.0	.01	4.05	-636688.84		.29254E+09	
						-72082469.07	
1*****	.0	.01	-4.06	-650374.25			-3557.56
	610.0	.13299E-01	.40568E+01	-.72826E+06		.29254E+09	
						-72082384.72	
						-.49257E+09	
1*****	.0	.13308E-01	-.40586E+01	-.74188E+06			-10025.78
	610.0	.13308E-01	.40594E+01	-.81977E+06		-.49257E+09	
						-.96887E+09	
1*****	.0	.13416E-01	-.40621E+01	-.83330E+06			-58023.51
	610.0	.13416E-01	.41217E+01	-.93901E+06		-.96887E+09	
						-.15094E+10	

M E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
1*****	.0 610.0	.23800E-02 .23800E-02	-.73083E+00 .72099E+00	.94587E+06 .84017E+06	-.98701E+09 -.44227E+09	54054.67
1*****	.0 610.0	.23612E-02 .00	-.71992E+00 .72	.82669E+06 748803.73	-.44226E+09 38260342.75	2455.19
1*****	.0 610.0	.00 .23659E-02	-.72 .72184E+00	735368.92 .65748E+06	38260271.40 .46308E+09	-3249.31
1*****	.0 610.0	.23887E-02 .23887E-02	-.72310E+00 .73401E+00	.64402E+06 .53831E+06	.46308E+09 .82369E+09	-54117.41
1*****	.0 610.0	.20899E-02 .20899E-02	-.64161E+00 .63321E+00	.50792E+06 .40440E+06	-.51839E+09 -.24014E+09	56486.03
1*****	.0 610.0	.20808E-02 .00	-.63430E+00 .64	.39090E+06 313015.02	-.24014E+09 -25443500.87	7362.42
1*****	.0 610.0	.00 .20878E-02	-.64 .63714E+00	299473.66 .22159E+06	-25442830.53 .13348E+09	1120.05
1*****	.0 610.0	.20946E-02 .20946E-02	-.63852E+00 .63921E+00	.20804E+06 .12423E+06	.13348E+09 .23482E+09	2709.25
1*****	.0 610.0	.21181E-02 .21181E-02	-.64102E+00 .65100E+00	.10793E+06 .23746E+05	.23482E+09 .27498E+09	-67672.08
1*****	.0 610.0	.57020E-02 .57020E-02	-.17512E+01 .17270E+01	-.23744E+05 -.10793E+06	.27498E+09 .23482E+09	67672.07
1*****	.0 610.0	.56640E-02 .56640E-02	-.17272E+01 .17279E+01	-.12423E+06 -.20804E+06	.23482E+09 .13348E+09	-2709.28
1*****	.0 610.0	.56712E-02 .01	-.17294E+01 1.73	-.22159E+06 -299471.94	.13348E+09 -25442306.38	-1120.08
1*****	.0 610.0	.01 .56778E-02	-1.73 .17321E+01	-313013.31 -.39090E+06	-25442976.73 -.24014E+09	-7362.45

A M E E L E M E N T F O R C E S

T D 7	LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
				SHEAR	MOMENT	SHEAR	MOMENT	
	1*****							-56486.04
		.0	.57302E-02	-.17348E+01	-.40440E+06	-.24014E+09		
		610.0	.57302E-02	.17606E+01	-.50791E+06	-.51839E+09		
	1*****							54117.43
		.0	.46882E-02	-.14399E+01	-.53831E+06	.82369E+09		
		610.0	.46882E-02	.14199E+01	-.64402E+06	.46308E+09		
	1*****							3249.35
		.0	.46553E-02	-.14196E+01	-.65748E+06	.46308E+09		
		610.0	.00	1.42	-735367.14	38260275.17		
	1*****							-2455.15
		.0	.00	-1.42	-748801.95	38260346.52		
		610.0	.46601E-02	.14215E+01	-.82669E+06	-.44226E+09		
	1*****							-54054.65
		.0	.46968E-02	-.14220E+01	-.84017E+06	-.44226E+09		
		610.0	.46968E-02	.14431E+01	-.94587E+06	-.98701E+09		
	1*****							58023.53
		.0	-.22692E-01	.69713E+01	.93901E+06	-.15094E+10		
		610.0	-.22692E-01	-.68711E+01	.83330E+06	-.96887E+09		
	1*****							10025.84
		.0	-.22512E-01	.68665E+01	.81976E+06	-.96887E+09		
		610.0	-.22512E-01	-.68657E+01	.74188E+06	-.49256E+09		
	1*****							3557.63
		.0	-.22503E-01	.68640E+01	.72826E+06	-.49256E+09		
		610.0	-.02	-6.86	650371.89	-72081666.63		
	1*****							-4537.84
		.0	-.02	6.86	636686.48	-72081750.97		
		610.0	-.22494E-01	-.68603E+01	.55880E+06	.29254E+09		
	1*****							586.28
		.0	-.22485E-01	.68584E+01	.54521E+06	.29254E+09		
		610.0	-.22485E-01	-.68575E+01	.46733E+06	.60136E+09		
	1*****							-13134.74
		.0	-.22469E-01	.68542E+01	.45101E+06	.60136E+09		
		610.0	-.22469E-01	-.68519E+01	.36017E+06	.84877E+09		
	1*****							-55389.59
		.0	-.23173E-01	.69763E+01	.34348E+06	.84877E+09		
		610.0	-.23173E-01	-.71591E+01	.24349E+06	.10278E+10		
	1 -2057.96							9.12
		.0	-.03	16.19	16804.73	-1290331.07		
		298.9	-.03	6.61	-.08	1221222.62		

ME ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	700.0		-.03	-6.25	-22549.27	-3300917.02	
1	.00						1827.77
	.0		-.02	8.11	16693.67	-42254.22	
	284.6		-.02	2.41	-.08	2333116.24	
	700.0		-.02	-5.90	-24368.33	-2728388.49	
1	.00						2272.05
	.0		-.02	8.22	16320.37	-13720.78	
	290.8		-.02	2.36	-.08	2358936.77	
	700.0		-.02	-5.88	-22970.63	-2341310.49	
1	.00						1481.85
	.0		-.02	8.21	13590.20	5124.20	
	289.9		-.02	2.39	-.07	1974978.53	
	700.0		-.02	-5.85	-19225.80	-1967335.64	
1	.00						84.52
	.0		-.02	8.21	13685.41	-8095.55	
	291.9		-.02	2.36	-.07	1989455.66	
	700.0		-.02	-5.81	-19130.59	-1913909.70	
1	.00						-1147.09
	.0		-.02	8.20	13622.93	-6468.44	
	290.6		-.02	2.40	-.07	1972884.16	
	700.0		-.02	-5.78	-19193.07	-1956020.58	
1	.00						-1441.79
	.0		-.02	8.20	13534.18	-47998.07	
	288.7		-.02	2.45	-.07	1905649.50	
	700.0		-.02	-5.74	-19281.82	-2059672.89	
1*****							-4059837.39
	.0	.52258E+07	-.14868E+10		.18504E+01	.20626E+02	
	700.0	.51089E+07	.21303E+10		.18504E+01	.13159E+04	
1	.00						350.50
	.0		-.00	1.50	13479.55	-51599.62	
	287.5		-.00	.40	-.07	1886307.41	
	700.0		-.00	-1.16	-19336.45	-2101517.35	
1	.00						-71.40
	.0		-.00	1.50	13434.82	-5704.51	
	286.6		-.00	.41	-.07	1919362.54	
	700.0		-.00	-1.15	-19381.18	-2086933.16	
1	.00						-457.96
	.0		-.00	1.49	13465.05	-50867.96	
	287.2		-.00	.42	-.07	1882871.83	
	700.0		-.00	-1.13	-19350.95	-2110936.30	
1	21625.65						2836590.03

M E E L E M E N T F O R C E S

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
		.0	137140.16	-27269664.72	1.23	-5.14	
		700.0	20177.16	27791395.40	1.23	858.88	

1	.00						1090.27
		.0	-.00	1.30	13498.68	-49123.78	
		287.9	-.00	.37	-.07	1894288.73	
		700.0	-.00	-.97	-19317.32	-2085647.91	

1	.00						670.27
		.0	-.00	1.30	13541.37	-6242.43	
		288.9	-.00	.37	-.07	1949480.65	
		700.0	-.00	-.94	-19274.63	-2012886.15	

1	.00						-436.07
		.0	-.00	1.29	13545.16	1589.26	
		288.9	-.00	.38	-.07	1958407.92	
		700.0	-.00	-.92	-19270.84	-2002399.82	

1	.00						-1259.49
		.0	-.00	1.29	16297.69	-70381.16	
		287.4	-.00	.39	-.08	2271900.93	
		700.0	-.00	-.89	-23392.31	-2553496.23	

1	28242.34						-201.86
		.0	162293.22	-35845467.91	.01	-4.16	
		700.0	58889.22	41568389.49	.01	3.87	

1	.00						1259.50
		.0	-.01	3.45	16297.69	-70381.14	
		287.4	-.01	1.08	-.08	2271900.94	
		700.0	-.01	-2.31	-23392.31	-2553496.24	

1	.00						436.07
		.0	-.01	3.44	13545.16	1589.27	
		288.9	-.01	1.08	-.07	1958407.92	
		700.0	-.01	-2.29	-19270.84	-2002399.82	

1	.00						-670.27
		.0	-.01	3.44	13541.37	-6242.44	
		288.9	-.01	1.08	-.07	1949480.65	
		700.0	-.01	-2.26	-19274.63	-2012886.15	

1	.00						-1090.26
		.0	-.01	3.43	13498.68	-49123.80	
		287.9	-.01	1.10	-.07	1894288.72	
		700.0	-.01	-2.23	-19317.32	-2085647.90	

1	21625.64						-2837030.38
		.0	137140.13	-27269655.42	-1.21	-3.18	
		700.0	20177.13	27791388.97	-1.21	-851.14	

1	.00						457.95

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	.0		-.01	2.79	13465.05	-50867.98	
	287.2		-.01	.92	-.07	1882871.83	
	700.0		-.01	-1.76	-19350.95	-2110936.28	
1	.00						71.39
	.0		-.01	2.79	13434.82	-5704.51	
	286.6		-.01	.93	-.07	1919362.55	
	700.0		-.01	-1.75	-19381.18	-2086933.15	
1	.00						-350.51
	.0		-.01	2.79	13479.55	-51599.60	
	287.5		-.01	.93	-.07	1886307.42	
	700.0		-.01	-1.73	-19336.45	-2101517.36	
1*****							4059350.76
	.0	.52258E+07	-.14868E+10	-.18515E+01	-.18822E+02		
	700.0	.51089E+07	.21303E+10	-.18515E+01	-.13149E+04		
1	.00						1441.77
	.0		.03	-13.82	13534.18	-47998.12	
	288.7		.03	-4.19	-.07	1905649.49	
	700.0		.03	9.53	-19281.82	-2059672.85	
1	.00						1147.07
	.0		.03	-13.82	13622.93	-6468.47	
	290.6		.03	-4.10	-.07	1972884.16	
	700.0		.03	9.58	-19193.07	-1956020.53	
1	.00						-84.54
	.0		.03	-13.82	13685.41	-8095.56	
	291.9		.03	-4.05	-.07	1989455.71	
	700.0		.03	9.62	-19130.59	-1913909.58	
1	.00						-1481.88
	.0		.03	-13.83	13590.20	5124.22	
	289.9		.03	-4.11	-.07	1974978.67	
	700.0		.03	9.65	-19225.80	-1967335.33	
1	.00						-2272.07
	.0		.03	-13.84	16320.37	-13720.75	
	290.8		.03	-4.07	-.08	2358937.05	
	700.0		.03	9.68	-22970.63	-2341309.87	
1	.00						-1827.78
	.0		.03	-13.73	16693.67	-42254.00	
	284.6		.03	-4.20	-.08	2333116.71	
	700.0		.03	9.70	-24368.33	-2728387.66	
1	-2057.96						-9.12
	.0		.04	-19.23	16804.70	-1290317.64	
	298.9		.04	-7.40	-.08	1221224.58	
	700.0		.04	8.48	-22549.30	-3300930.45	

E - ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1	-3570.33						
	.0		-.00	-1.33	19676.98	-2295651.65	.00
	350.0		-.00	-2.14	-.08	1147817.38	
	700.0		-.00	-2.95	-19677.02	-2295663.58	
1	.00						
	.0		-.01	2.56	16408.00	-2690020.88	.04
	350.0		-.01	-.32	-.07	181379.84	
	700.0		-.01	-3.19	-16408.00	-2690019.43	
1	.00						
	.0		-.01	2.57	14056.00	-2329583.52	.07
	350.0		-.01	-.32	-.06	130217.04	
	700.0		-.01	-3.22	-14056.00	-2329582.41	
1	.00						
	.0		-.01	2.60	14056.00	-1980144.58	.08
	350.0		-.01	-.29	-.06	479655.78	
	700.0		-.01	-3.19	-14056.00	-1980143.86	
1	.00						
	.0		-.01	2.63	14056.00	-1918412.86	.08
	350.0		-.01	-.26	-.06	541387.35	
	700.0		-.01	-3.16	-14056.00	-1918412.44	
1	.00						
	.0		-.01	2.66	14056.00	-1957827.76	.07
	350.0		-.01	-.23	-.06	501972.36	
	700.0		-.01	-3.13	-14056.00	-1957827.52	
1	.00						
	.0		-.01	2.66	14056.00	-2037832.22	.04
	350.0		-.01	-.20	-.06	421967.86	
	700.0		-.01	-3.07	-14056.00	-2037832.06	
1*****							-222.31
	.0	.60841E+05	.11753E+10		.93930E-02	.13086E+04	
	350.0	-.24335E+00	.11860E+10		.93930E-02	.13119E+04	
	700.0	-.60833E+05	.11753E+10		.93930E-02	.13152E+04	
1	.00						
	.0		-.00	.36	14056.00	-2081530.49	-.02
	350.0		-.00	-.16	-.06	378269.53	
	700.0		-.00	-.67	-14056.00	-2081530.44	
1	.00						
	.0		-.00	.38	14056.00	-2086865.72	-.03
	350.0		-.00	-.14	-.06	372934.28	
	700.0		-.00	-.66	-14056.00	-2086865.72	
1	.00						
	.0						-.02

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	.0		-.00	.39	14056.00	-2090686.12	
	350.0		-.00	-.13	-.06	369113.86	
	700.0		-.00	-.64	-14056.00	-2090686.16	

1	33594.44						-457.15
	.0		60836.83	12184263.01	.01	854.26	
	350.0		-.24	22830679.35	.01	856.14	
	700.0		-60837.17	12184145.69	.01	858.02	

1	.00						-.02
	.0		-.00	.36	14056.00	-2064519.21	
	350.0		-.00	-.09	-.06	395280.82	
	700.0		-.00	-.54	-14056.00	-2064519.15	

1	.00						-.03
	.0		-.00	.39	14056.00	-2014795.58	
	350.0		-.00	-.07	-.06	445004.42	
	700.0		-.00	-.52	-14056.00	-2014795.57	

1	.00						-.03
	.0		-.00	.41	14056.00	-2007959.80	
	350.0		-.00	-.05	-.06	451840.19	
	700.0		-.00	-.50	-14056.00	-2007959.82	

1	.00						-.02
	.0		-.00	.43	17489.50	-2526584.48	
	350.0		-.00	-.02	-.07	534077.99	
	700.0		-.00	-.47	-17489.50	-2526584.54	

1	44579.21						-267.71
	.0		51702.12	20279317.00	.01	.21	
	350.0		-.21	29327209.95	.01	2.06	
	700.0		-51701.88	20279402.90	.01	3.92	

1	.00						.03
	.0		-.00	1.23	17489.50	-2526584.47	
	350.0		-.00	.02	-.07	534077.99	
	700.0		-.00	-1.19	-17489.50	-2526584.55	

1	.00						.04
	.0		-.00	1.27	14056.00	-2007959.79	
	350.0		-.00	.04	-.06	451840.19	
	700.0		-.00	-1.18	-14056.00	-2007959.82	

1	.00						.04
	.0		-.00	1.29	14056.00	-2014795.59	
	350.0		-.00	.07	-.06	445004.42	
	700.0		-.00	-1.16	-14056.00	-2014795.56	

1	.00						.03
	.0		-.00	1.30	14056.00	-2064519.22	
	350.0		-.00	.09	-.06	395280.82	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI 700.0	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
1	33594.42					
	.0	60836.79	12184268.20			-123.03
	350.0	-.24	22830668.19	.01	-853.83	
	700.0	-60837.21	12184118.18	.01	-852.01	
				.01	-850.20	
1	.00					
	.0	-.00	1.12	14056.00	-2090686.12	.01
	350.0	-.00	.13	-.06	369113.86	
	700.0	-.00	-.86	-14056.00	-2090686.15	
1	.00					
	.0	-.00	1.14	14056.00	-2086865.71	.02
	350.0	-.00	.14	-.06	372934.29	
	700.0	-.00	-.86	-14056.00	-2086865.71	
1	.00					
	.0	-.00	1.15	14056.00	-2081530.47	.01
	350.0	-.00	.16	-.06	378269.55	
	700.0	-.00	-.83	-14056.00	-2081530.43	
1*****						
	.0	.60838E+05	.11753E+10	-.82183E-02	-.13049E+04	-408.66
	350.0	-.24335E+00	.11860E+10	-.82183E-02	-.13078E+04	
	700.0	-.60836E+05	.11753E+10	-.82183E-02	-.13107E+04	
1	.00					
	.0	.01	-4.63	14056.00	-2037832.23	-.05
	350.0	.01	.20	-.06	421967.82	
	700.0	.01	5.04	-14056.00	-2037832.13	
1	.00					
	.0	.01	-4.65	14056.00	-1957827.75	-.09
	350.0	.01	.23	-.06	501972.17	
	700.0	.01	5.11	-14056.00	-1957827.92	
1	.00					
	.0	.01	-4.62	14056.00	-1918412.76	-.10
	350.0	.01	.26	-.06	541386.94	
	700.0	.01	5.14	-14056.00	-1918413.36	
1	.00					
	.0	.01	-4.59	14056.00	-1980144.26	-.10
	350.0	.01	.29	-.06	479655.13	
	700.0	.01	5.17	-14056.00	-1980145.47	
1	.00					
	.0	.01	-4.56	14056.00	-2329582.87	-.09
	350.0	.01	.32	-.06	130216.15	
	700.0	.01	5.21	-14056.00	-2329584.83	

ELEMENT FORCES

LOAD	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
1	.00						-.05
		.0	.01	-4.54	16408.00	-2690019.77	
		350.0	.01	.32	-.07	181378.78	
		700.0	.01	5.17	-16408.00	-2690022.68	
1	-3570.36						.00
		.0	.01	-.09	19676.94	-2295636.91	
		350.0	.01	2.13	-.08	1147817.38	
		700.0	.01	4.36	-19677.06	-2295678.32	
1	-2057.98						-9.12
		.0	.02	-2.69	22549.22	-3300899.59	
		401.1	.02	4.98	-.08	1221220.07	
		700.0	.02	10.70	-16804.78	-1290348.50	
1	.00						-1827.69
		.0	-.02	5.14	24368.33	-2728386.49	
		415.4	-.02	-2.78	-.08	2333116.68	
		700.0	-.02	-8.21	-16693.67	-42254.84	
1	.00						-2271.91
		.0	-.02	5.17	22970.63	-2341309.17	
		409.2	-.02	-2.59	-.08	2358937.20	
		700.0	-.02	-8.10	-16320.37	-13721.00	
1	.00						-1481.69
		.0	-.02	5.20	19225.80	-1967334.85	
		410.1	-.02	-2.59	-.07	1974978.82	
		700.0	-.02	-8.10	-13590.20	5124.14	
1	.00						-84.35
		.0	-.02	5.24	19130.59	-1913909.34	
		408.1	-.02	-2.54	-.07	1989455.86	
		700.0	-.02	-8.11	-13685.41	-8095.48	
1	.00						1147.23
		.0	-.02	5.27	19193.07	-1956020.54	
		409.4	-.02	-2.56	-.07	1972884.30	
		700.0	-.02	-8.12	-13622.93	-6468.23	
1	.00						1441.87
		.0	-.02	5.29	19281.82	-2059673.08	
		411.3	-.02	-2.59	-.07	1905649.63	
		700.0	-.02	-8.12	-13534.18	-47997.73	
1*****							4059530.48
		.0	-.51089E+07	.21303E+10	-.18168E+01	.13076E+04	
		700.0	-.52258E+07	-.14868E+10	-.18168E+01	.35796E+02	
1	.00						-350.55
		.0	-.00	.82	19336.45	-2101517.45	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
	412.5	-.00	-.51	-.07	1886307.45	
	700.0	-.00	-1.44	-13479.55	-51599.48	
1	.00					71.34
	.0	-.00	.84	19381.18	-2086933.16	
	413.4	-.00	-.51	-.07	1919362.54	
	700.0	-.00	-1.44	-13434.82	-5704.51	
1	.00					457.92
	.0	-.00	.85	19350.95	-2110936.20	
	412.8	-.00	-.50	-.07	1882871.79	
	700.0	-.00	-1.44	-13465.05	-50868.10	
1	21625.63					-2837285.13
	.0	-20176.99	27791303.50	-1.22	855.27	
	700.0	-137139.99	-27269637.72	-1.22	3.24	
1	.00					-1090.31
	.0	-.00	.77	19317.32	-2085648.03	
	412.1	-.00	-.43	-.07	1894288.78	
	700.0	-.00	-1.27	-13498.68	-49123.61	
1	.00					-670.34
	.0	-.00	.80	19274.63	-2012886.19	
	411.1	-.00	-.42	-.07	1949480.67	
	700.0	-.00	-1.27	-13541.37	-6242.37	
1	.00					436.00
	.0	-.00	.82	19270.84	-2002399.78	
	411.1	-.00	-.41	-.07	1958407.90	
	700.0	-.00	-1.28	-13545.16	1589.20	
1	.00					1259.45
	.0	-.00	.84	23392.31	-2553496.11	
	412.6	-.00	-.41	-.08	2271900.88	
	700.0	-.00	-1.28	-16297.69	-70381.33	
1	28242.36					-181.98
	.0	-58889.38	41568466.15	.01	.20	
	700.0	-162293.38	-35845497.05	.01	4.22	
1	.00					-1259.44
	.0	-.01	2.35	23392.31	-2553496.11	
	412.6	-.01	-1.07	-.08	2271900.87	
	700.0	-.01	-3.45	-16297.69	-70381.35	
1	.00					-435.99
	.0	-.01	2.38	19270.84	-2002399.78	
	411.1	-.01	-1.05	-.07	1958407.90	
	700.0	-.01	-3.46	-13545.16	1589.20	
1	.00					670.35

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
		.0	-.01	2.41	19274.63	-2012886.20	
		411.1	-.01	-1.04	-.07	1949480.67	
		700.0	-.01	-3.46	-13541.37	-6242.37	

1	.00						1090.32
		.0	-.01	2.43	19317.32	-2085648.03	
		412.1	-.01	-1.04	-.07	1894288.79	
		700.0	-.01	-3.47	-13498.68	-49123.59	

1	21625.61						2836884.23
		.0	-20176.91	27791269.59	1.23	-854.88	
		700.0	-137139.91	-27269619.03	1.23	5.21	

1	.00						-457.92
		.0	-.01	2.04	19350.95	-2110936.22	
		412.8	-.01	-.84	-.07	1882871.80	
		700.0	-.01	-2.84	-13465.05	-50868.08	

1	.00						-71.35
		.0	-.01	2.06	19381.18	-2086933.15	
		413.4	-.01	-.83	-.07	1919362.55	
		700.0	-.01	-2.84	-13434.82	-5704.51	

1	.00						350.54
		.0	-.01	2.07	19336.45	-2101517.41	
		412.5	-.01	-.82	-.07	1886307.45	
		700.0	-.01	-2.84	-13479.55	-51599.50	

1	*****						-4059966.69
		.0	-.51089E+07	.21303E+10	.18043E+01	-.13005E+04	
		700.0	-.52258E+07	-.14868E+10	.18043E+01	-.37490E+02	

1	.00						-1441.88
		.0	.03	-9.08	19281.82	-2059673.20	
		411.3	.03	4.33	-.07	1905649.60	
		700.0	.03	13.74	-13534.18	-47997.69	

1	.00						-1147.24
		.0	.03	-9.07	19193.08	-1956020.97	
		409.4	.03	4.26	-.07	1972884.13	
		700.0	.03	13.73	-13622.92	-6468.21	

1	.00						84.34
		.0	.03	-9.04	19130.59	-1913910.27	
		408.1	.03	4.23	-.07	1989455.47	
		700.0	.03	13.72	-13685.41	-8095.48	

1	.00						1481.67
		.0	.03	-9.01	19225.80	-1967336.46	
		410.1	.03	4.31	-.07	1974978.15	
		700.0	.03	13.72	-13590.20	5124.12	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
1	.00					2271.90
	.0	.03	-8.97	22970.63	-2341311.56	
	409.2	.03	4.29	-.08	2358936.19	
	700.0	.03	13.71	-16320.37	-13721.02	
1	.00					1827.68
	.0	.03	-8.94	24368.34	-2728389.56	
	415.4	.03	4.57	-.08	2333115.43	
	700.0	.03	13.83	-16693.66	-42254.85	
1	-2058.02					9.12
	.0	-.01	.51	22549.21	-3300897.58	
	401.1	-.01	-4.21	-.08	1221219.78	
	700.0	-.01	-7.73	-16804.79	-1290350.51	
1*****						-12.28
	.0	.20580E+04	.13457E+07	-.16379E+07	.10278E+10	
	1300.0	.20580E+04	.40211E+07	-.16379E+07	-.11015E+10	
1*****						25.55
	.0	-.11457E+07	.14869E+10	-.76366E+06	.52648E+09	
	1300.0	-.11457E+07	-.25090E+07	-.76366E+06	-.46628E+09	
1163429.55						-3.73
	.0	-.21626E+05	.27380E+08	.20548E+07	-.13449E+10	
	1300.0	-.21626E+05	-.73307E+06	.20548E+07	.13263E+10	
1171488.34						-1.76
	.0	-28242.34	35980812.35	3.54	-2203.49	
	1300.0	-28242.34	-734230.77	3.54	2402.39	
1163430.14						-.02
	.0	-.21626E+05	.27380E+08	-.20548E+07	.13449E+10	
	1300.0	-.21626E+05	-.73307E+06	-.20548E+07	-.13263E+10	
1*****						-24.42
	.0	-.11457E+07	.14869E+10	.76366E+06	-.52647E+09	
	1300.0	-.11457E+07	-.25075E+07	.76366E+06	.46628E+09	
1*****						12.49
	.0	.20580E+04	.13457E+07	.16379E+07	-.10278E+10	
	1300.0	.20580E+04	.40211E+07	.16379E+07	.11014E+10	
1*****						-.66
	.0	.15124E+04	-.10398E+07	-.16100E+07	.99794E+09	
	1300.0	.15124E+04	.92630E+06	-.16100E+07	-.10951E+10	
1*****						-2.32
	.0	-.73467E+06	.95499E+09	-.77747E+06	.53675E+09	
	1300.0	-.73467E+06	-.81367E+05	-.77747E+06	-.47396E+09	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE SHEAR MOMENT		1-3 PLANE SHEAR MOMENT		AXIAL TORQ
1128110.08						-3.20
	.0	-.11969E+05	.15568E+08	.20616E+07	-.13509E+10	
	1300.0	-.11969E+05	.87074E+04	.20616E+07	.13292E+10	
1132814.76						-1.23
	.0	-16336.86	21245760.65	3.76	-2410.75	
	1300.0	-16336.86	7836.94	3.76	2475.65	
1128111.63						.51
	.0	-.11969E+05	.15568E+08	-.20616E+07	.13509E+10	
	1300.0	-.11969E+05	.87074E+04	-.20616E+07	-.13292E+10	
1*****						4.30
	.0	-.73467E+06	.95499E+09	.77746E+06	-.53674E+09	
	1300.0	-.73467E+06	-.81399E+05	.77746E+06	.47396E+09	
1*****						1.42
	.0	.15124E+04	-.10398E+07	.16100E+07	-.99793E+09	
	1300.0	.15124E+04	.92632E+06	.16100E+07	.10951E+10	
1*****						3.86
	.0	-.15123E+04	.10398E+07	-.16100E+07	.99794E+09	
	1300.0	-.15123E+04	-.92627E+06	-.16100E+07	-.10951E+10	
1*****						-2.72
	.0	.73467E+06	-.95499E+09	-.77746E+06	.53675E+09	
	1300.0	.73467E+06	.81425E+05	-.77746E+06	-.47396E+09	
1128113.17						-1.35
	.0	.11969E+05	-.15568E+08	.20616E+07	-.13509E+10	
	1300.0	.11969E+05	-.87074E+04	.20616E+07	.13292E+10	
1132815.13						-1.29
	.0	16336.86	-21245751.14	3.99	-2634.60	
	1300.0	16336.86	-7837.21	3.99	2550.12	
1128113.15						-1.46
	.0	.11969E+05	-.15568E+08	-.20616E+07	.13509E+10	
	1300.0	.11969E+05	-.87073E+04	-.20616E+07	-.13292E+10	
1*****						4.57
	.0	.73467E+06	-.95499E+09	.77746E+06	-.53674E+09	
	1300.0	.73467E+06	.81402E+05	.77746E+06	.47396E+09	
1*****						-3.16
	.0	-.15123E+04	.10398E+07	.16100E+07	-.99793E+09	
	1300.0	-.15123E+04	-.92625E+06	.16100E+07	.10951E+10	
1*****						15.03
	.0	-.20580E+04	-.13457E+07	-.16379E+07	.10278E+10	
	1300.0	-.20580E+04	-.40211E+07	-.16379E+07	-.11015E+10	

E E L E M E N T F O R C E S

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1*****							-30.94
	.0	.11457E+07	-.14869E+10	-.76366E+06	.52648E+09		
	1300.0	.11457E+07	.25165E+07	-.76366E+06	-.46628E+09		
1163430.28							-1.87
	.0	.21626E+05	-.27380E+08	.20548E+07	-.13449E+10		
	1300.0	.21626E+05	.73307E+06	.20548E+07	.13263E+10		
1171490.84							-1.82
	.0	28242.36	-35980841.21	4.17	-2801.82		
	1300.0	28242.36	734230.49	4.17	2622.52		
1163430.41							-2.01
	.0	.21626E+05	-.27380E+08	-.20548E+07	.13449E+10		
	1300.0	.21626E+05	.73307E+06	-.20548E+07	-.13263E+10		
1*****							31.96
	.0	.11457E+07	-.14869E+10	.76365E+06	-.52647E+09		
	1300.0	.11457E+07	.25080E+07	.76365E+06	.46628E+09		
1*****							-14.88
	.0	-.20580E+04	-.13457E+07	.16379E+07	-.10278E+10		
	1300.0	-.20580E+04	-.40211E+07	.16379E+07	.11014E+10		
1*****							-5585.96
	.0	.56878E-02	-.16846E+01	-.39526E+06	.11272E+10		
	610.0	.56878E-02	.17849E+01	-.44846E+06	.86991E+09		
1*****							-9751.42
	.0	.62055E-02	-.18929E+01	-.45298E+06	.86992E+09		
	610.0	.62055E-02	.18924E+01	-.50618E+06	.57737E+09		
1*****							-8439.96
	.0	.62068E-02	-.18927E+01	-.51088E+06	.57738E+09		
	610.0	.62068E-02	.18934E+01	-.56408E+06	.24951E+09		
1*****							-4009.01
	.0	.62137E-02	-.18948E+01	-.56892E+06	.24952E+09		
	610.0	.62137E-02	.18955E+01	-.62212E+06	-.11375E+09		
1*****							1058.51
	.0	.62202E-02	-.18968E+01	-.62703E+06	-.11375E+09		
	610.0	.62202E-02	.18975E+01	-.68023E+06	-.51246E+09		
1*****							4682.49
	.0	.62575E-02	-.19051E+01	-.68512E+06	-.51246E+09		
	610.0	.62575E-02	.19120E+01	-.73831E+06	-.94661E+09		
1*****							22476.03
	.0	.37718E-02	-.11358E+01	-.74315E+06	-.94661E+09		
	610.0	.37718E-02	.11650E+01	-.79635E+06	-.14162E+10		

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
1*****						-20379.25
	.0	.76559E-02	-.23528E+01	.85554E+06	-.95295E+09	
	610.0	.76559E-02	.23173E+01	.80234E+06	-.44730E+09	
1*****						-862.88
	.0	.49822E-02	-.15162E+01	.79753E+06	-.44730E+09	
	610.0	.00	1.52	744328.27	22966912.77	
1*****						1631.24
	.0	.01	-1.53	739536.90	22966841.44	
	610.0	.50167E-02	.15302E+01	.68634E+06	.45786E+09	
1*****						19183.58
	.0	.50421E-02	-.15247E+01	.68155E+06	.45786E+09	
	610.0	.50421E-02	.15510E+01	.62835E+06	.85738E+09	
1337728.07						-19773.41
	.0	.54396E-02	-.16726E+01	.40229E+06	-.46896E+09	
	610.0	.54396E-02	.16455E+01	.34909E+06	-.23978E+09	
1337728.07						-2641.89
	.0	.53236E-02	-.16233E+01	.34429E+06	-.23978E+09	
	610.0	.01	1.62	291091.95	-45991923.11	
1337728.08						-1.95
	.0	.01	-1.63	286274.18	-45991710.47	
	610.0	.53295E-02	.16257E+01	.23308E+06	.11241E+09	
1337728.09						2638.83
	.0	.53348E-02	-.16268E+01	.22826E+06	.11241E+09	
	610.0	.53348E-02	.16274E+01	.17506E+06	.23542E+09	
1337728.10						19781.56
	.0	.53200E-02	-.16118E+01	.17026E+06	.23542E+09	
	610.0	.53200E-02	.16334E+01	.11706E+06	.32305E+09	
1337724.56						-19781.57
	.0	.18675E-02	-.57224E+00	-.11706E+06	.32305E+09	
	610.0	.18675E-02	.56691E+00	-.17026E+06	.23542E+09	
1337724.56						-2638.86
	.0	.17946E-02	-.54702E+00	-.17506E+06	.23542E+09	
	610.0	.17946E-02	.54768E+00	-.22826E+06	.11241E+09	
1337724.56						1.92
	.0	.18002E-02	-.54883E+00	-.23307E+06	.11241E+09	
	610.0	.00	.55	-286272.60	-45991230.03	
1337724.56						2641.86
	.0	.00	-.55	-291090.37	-45991442.67	
	610.0	.18058E-02	.55107E+00	-.34429E+06	-.23978E+09	

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1337724.57							19773.40
	.0	.17478E-02	-.53314E+00	-.34909E+06	-.23978E+09		
	610.0	.17478E-02	.53302E+00	-.40229E+06	-.46895E+09		
1*****							-19183.56
	.0	.28918E-02	-.88398E+00	-.62835E+06	.85737E+09		
	610.0	.28918E-02	.88004E+00	-.68154E+06	.45786E+09		
1*****							-1631.20
	.0	.28533E-02	-.87010E+00	-.68634E+06	.45786E+09		
	610.0	.00	.87	-739534.87	22966844.95		
1*****							862.92
	.0	.00	-.88	-744326.25	22966916.27		
	610.0	.28877E-02	.88411E+00	-.79752E+06	-.44730E+09		
1*****							20379.27
	.0	.27805E-03	-.87437E-01	-.80233E+06	-.44730E+09		
	610.0	.27805E-03	.82174E-01	-.85553E+06	-.95295E+09		
1*****							-22476.00
	.0	-.11540E-01	.35536E+01	.79635E+06	-.14162E+10		
	610.0	-.11540E-01	-.34860E+01	.74315E+06	-.94661E+09		
1*****							-4682.40
	.0	-.13966E-01	.42632E+01	.73831E+06	-.94661E+09		
	610.0	-.13966E-01	-.42563E+01	.68511E+06	-.51246E+09		
1*****							-1058.39
	.0	-.13929E-01	.42488E+01	.68022E+06	-.51246E+09		
	610.0	-.13929E-01	-.42482E+01	.62703E+06	-.11375E+09		
1*****							4009.13
	.0	-.13923E-01	.42468E+01	.62212E+06	-.11375E+09		
	610.0	-.13923E-01	-.42461E+01	.56892E+06	.24952E+09		
1*****							8440.07
	.0	-.13916E-01	.42447E+01	.56407E+06	.24951E+09		
	610.0	-.13916E-01	-.42440E+01	.51088E+06	.57737E+09		
1*****							9751.49
	.0	-.13915E-01	.42437E+01	.50617E+06	.57737E+09		
	610.0	-.13915E-01	-.42442E+01	.45298E+06	.86991E+09		
1*****							5585.81
	.0	-.13423E-01	.41355E+01	.44846E+06	.86991E+09		
	610.0	-.13423E-01	-.40527E+01	.39526E+06	.11272E+10		
1*****							12339.60
	.0	.66085E-02	-.20354E+01	-.36804E+06	.11026E+10		
	610.0	.66085E-02	.19958E+01	-.42124E+06	.86186E+09		

E E L E M E N T F O R C E S

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1*****	.0	.64366E-02	-.19627E+01	-.43453E+06	.86186E+09		-4612.30
	610.0	.64366E-02	.19636E+01	-.48773E+06	.58057E+09		
1*****	.0	.64428E-02	-.19649E+01	-.50083E+06	.58057E+09		-4247.95
	610.0	.64428E-02	.19652E+01	-.55403E+06	.25884E+09		
1*****	.0	.64464E-02	-.19660E+01	-.56699E+06	.25884E+09		-2011.97
	610.0	.64464E-02	.19663E+01	-.62019E+06	-.10325E+09		
1*****	.0	.64500E-02	-.19671E+01	-.63309E+06	-.10325E+09		534.34
	610.0	.64500E-02	.19675E+01	-.68629E+06	-.50566E+09		
1*****	.0	.64531E-02	-.19681E+01	-.69921E+06	-.50566E+09		1874.06
	610.0	.64531E-02	.19683E+01	-.75240E+06	-.94840E+09		
1*****	.0	.52604E-02	-.15996E+01	-.76537E+06	-.94840E+09		-3597.39
	610.0	.52604E-02	.16092E+01	-.81857E+06	-.14315E+10		
1*****	.0	.63417E-02	-.19379E+01	.86716E+06	-.95838E+09		4627.44
	610.0	.63417E-02	.19305E+01	.81396E+06	-.44564E+09		
1*****	.0	.51953E-02	-.15846E+01	.80096E+06	-.44564E+09		55.82
	610.0	.01	1.58	747762.61	26724000.55		
1*****	.0	.01	-1.58	734745.99	26724071.85		348.10
	610.0	.51958E-02	.15848E+01	.68155E+06	.45869E+09		
1*****	.0	.51495E-02	-.15675E+01	.66853E+06	.45869E+09		-5306.89
	610.0	.51495E-02	.15737E+01	.61534E+06	.85027E+09		
1323203.13	.0	.54975E-02	-.16799E+01	.41867E+06	-.47894E+09		5016.72
	610.0	.54975E-02	.16736E+01	.36547E+06	-.23978E+09		
1323203.12	.0	.55085E-02	-.16800E+01	.35246E+06	-.23978E+09		-848.84
	610.0	.01	1.68	299266.40	-41003747.44		
1323203.12	.0	.01	-1.68	286276.17	-41003960.11		-.90
	610.0	.55108E-02	.16809E+01	.23308E+06	.11740E+09		

E E L E M E N T F O R C E S

DAD DND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1323203.11							847.35
	.0	.55135E-02	-.16815E+01	.22009E+06	.11740E+09		
	610.0	.55135E-02	.16818E+01	.16689E+06	.23543E+09		
1323203.11							-5012.07
	.0	.54438E-02	-.16585E+01	.15388E+06	.23543E+09		
	610.0	.54438E-02	.16622E+01	.10069E+06	.31307E+09		
1323199.35							5012.06
	.0	.18638E-02	-.56793E+00	-.10068E+06	.31307E+09		
	610.0	.18638E-02	.56897E+00	-.15388E+06	.23543E+09		
1323199.35							-847.39
	.0	.18551E-02	-.56569E+00	-.16689E+06	.23543E+09		
	610.0	.18551E-02	.56593E+00	-.22009E+06	.11740E+09		
1323199.35							.86
	.0	.18575E-02	-.56641E+00	-.23308E+06	.11740E+09		
	610.0	.00	.57	-286274.55	-41003464.93		
1323199.35							848.80
	.0	.00	-.57	-299264.78	-41003252.26		
	610.0	.18601E-02	.56747E+00	-.35246E+06	-.23978E+09		
1323199.35							-5016.73
	.0	.18100E-02	-.55386E+00	-.36547E+06	-.23978E+09		
	610.0	.18100E-02	.55024E+00	-.41867E+06	-.47894E+09		
1*****							5306.92
	.0	.29163E-02	-.88808E+00	-.61533E+06	.85027E+09		
	610.0	.29163E-02	.89089E+00	-.66853E+06	.45869E+09		
1*****							-348.06
	.0	.29369E-02	-.89571E+00	-.68155E+06	.45869E+09		
	610.0	.00	.90	-734744.04	26724075.49		
1*****							-55.78
	.0	.00	-.90	-747760.66	26724004.20		
	610.0	.29374E-02	.89591E+00	-.80096E+06	-.44564E+09		
1*****							-4627.42
	.0	.17241E-02	-.52777E+00	-.81396E+06	-.44564E+09		
	610.0	.17241E-02	.52391E+00	-.86715E+06	-.95837E+09		
1*****							3597.43
	.0	-.13145E-01	.40214E+01	.81857E+06	-.14315E+10		
	610.0	-.13145E-01	-.39971E+01	.76537E+06	-.94840E+09		
1*****							-1873.98
	.0	-.14394E-01	.43904E+01	.75240E+06	-.94840E+09		
	610.0	-.14394E-01	-.43901E+01	.69920E+06	-.50566E+09		

E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
1*****						8439.17
	.0	.63325E-02	-.19318E+01	-.51088E+06	.57737E+09	
	610.0	.63325E-02	.19311E+01	-.56407E+06	.24951E+09	
1*****						4008.15
	.0	.63257E-02	-.19297E+01	-.56892E+06	.24952E+09	
	610.0	.63257E-02	.19290E+01	-.62212E+06	-.11375E+09	
1*****						-1059.29
	.0	.63192E-02	-.19277E+01	-.62703E+06	-.11375E+09	
	610.0	.63192E-02	.19270E+01	-.68023E+06	-.51246E+09	
1*****						-4683.06
	.0	.62812E-02	-.19193E+01	-.68512E+06	-.51246E+09	
	610.0	.62812E-02	.19122E+01	-.73831E+06	-.94661E+09	
1*****						-22476.25
	.0	.88699E-02	-.26943E+01	-.74315E+06	-.94661E+09	
	610.0	.88699E-02	.27163E+01	-.79635E+06	-.14162E+10	
1*****						20379.37
	.0	.25112E-02	-.76835E+00	.85553E+06	-.95295E+09	
	610.0	.25112E-02	.76350E+00	.80234E+06	-.44730E+09	
1*****						863.15
	.0	.51014E-02	-.15593E+01	.79753E+06	-.44730E+09	
	610.0	.01	1.55	744327.45	22966914.17	
1*****						-1630.97
	.0	.01	-1.55	739536.08	22966842.90	
	610.0	.50670E-02	.15453E+01	.68634E+06	.45786E+09	
1*****						-19183.45
	.0	.51251E-02	-.15561E+01	.68154E+06	.45786E+09	
	610.0	.51251E-02	.15702E+01	.62835E+06	.85738E+09	
1337726.72						19773.54
	.0	.53269E-02	-.16327E+01	.40229E+06	-.46895E+09	
	610.0	.53269E-02	.16167E+01	.34909E+06	-.23978E+09	
1337726.71						2642.19
	.0	.53547E-02	-.16335E+01	.34429E+06	-.23978E+09	
	610.0	.01	1.63	291091.30	-45991727.83	
1337726.70						2.31
	.0	.01	-1.63	286273.53	-45991515.12	
	610.0	.53494E-02	.16313E+01	.23308E+06	.11241E+09	
1337726.69						-2638.53
	.0	.53435E-02	-.16301E+01	.22826E+06	.11241E+09	
	610.0	.53435E-02	.16294E+01	.17506E+06	.23542E+09	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
1337726.68						-19781.43
	.0	.54465E-02	-.16505E+01	.17026E+06	.23542E+09	
	610.0	.54465E-02	.16719E+01	.11706E+06	.32305E+09	
1337722.51						19781.41
	.0	.17366E-02	-.53286E+00	-.11706E+06	.32305E+09	
	610.0	.17366E-02	.52646E+00	-.17026E+06	.23542E+09	
1337722.51						2638.50
	.0	.17775E-02	-.54246E+00	-.17506E+06	.23542E+09	
	610.0	.17775E-02	.54184E+00	-.22826E+06	.11241E+09	
1337722.51						-2.35
	.0	.17721E-02	-.54073E+00	-.23307E+06	.11241E+09	
	610.0	.00	.54	-286271.81	-45990990.39	
1337722.50						-2642.22
	.0	.00	-.54	-291089.58	-45991203.10	
	610.0	.17664E-02	.53840E+00	-.34429E+06	-.23978E+09	
1337722.50						-19773.55
	.0	.18562E-02	-.56022E+00	-.34909E+06	-.23978E+09	
	610.0	.18562E-02	.57209E+00	-.40229E+06	-.46895E+09	
1*****						19183.47
	.0	.28045E-02	-.86385E+00	-.62834E+06	.85737E+09	
	610.0	.28045E-02	.84690E+00	-.68154E+06	.45786E+09	
1*****						1631.02
	.0	.27947E-02	-.85250E+00	-.68634E+06	.45786E+09	
	610.0	.00	.85	-739534.29	22966846.85	
1*****						-863.11
	.0	.00	-.85	-744325.67	22966918.12	
	610.0	.27603E-02	.83850E+00	-.79752E+06	-.44730E+09	
1*****						-20379.36
	.0	.54184E-02	-.16395E+01	-.80233E+06	-.44730E+09	
	610.0	.54184E-02	.16657E+01	-.85553E+06	-.95295E+09	
1*****						22476.29
	.0	-.16643E-01	.51058E+01	.79635E+06	-.14162E+10	
	610.0	-.16643E-01	-.50462E+01	.74315E+06	-.94661E+09	
1*****						4683.12
	.0	-.13998E-01	.42660E+01	.73831E+06	-.94661E+09	
	610.0	-.13998E-01	-.42731E+01	.68511E+06	-.51246E+09	
1*****						1059.37
	.0	-.14037E-01	.42809E+01	.68022E+06	-.51246E+09	
	610.0	-.14037E-01	-.42815E+01	.62703E+06	-.11375E+09	

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1*****							-4008.07
	.0	-.14043E-01	.42828E+01	.62212E+06	-.11375E+09		
	610.0	-.14043E-01	-.42835E+01	.56892E+06	.24952E+09		
1*****							-8439.11
	.0	-.14050E-01	.42849E+01	.56407E+06	.24951E+09		
	610.0	-.14050E-01	-.42856E+01	.51087E+06	.57737E+09		
1*****							-9750.80
	.0	-.14051E-01	.42858E+01	.50617E+06	.57737E+09		
	610.0	-.14051E-01	-.42853E+01	.45298E+06	.86991E+09		
1*****							-5585.97
	.0	-.14618E-01	.43946E+01	.44845E+06	.86991E+09		
	610.0	-.14618E-01	-.45226E+01	.39526E+06	.11272E+10		
1 6495.19							-2.92
	.0		-.02	13.40	3064.18	312575.33	
	180.7		-.02	9.05	-.02	589379.57	
	700.0		-.02	-3.45	-8807.82	-1697698.60	
1 .00							1389.23
	.0		-.01	3.68	4520.54	4165.46	
	266.5		-.01	1.41	-.02	606620.93	
	700.0		-.01	-2.28	-7351.46	-986655.96	
1 .00							1595.82
	.0		-.01	3.79	4701.09	-1311.46	
	277.2		-.01	1.37	-.02	650229.31	
	700.0		-.01	-2.31	-7170.91	-865747.29	
1 .00							1062.78
	.0		-.01	3.79	4844.52	-4430.95	
	285.6		-.01	1.29	-.02	687471.77	
	700.0		-.01	-2.33	-7027.48	-768469.39	
1 .00							219.08
	.0		-.01	3.79	4910.42	-5067.51	
	289.5		-.01	1.25	-.02	705786.85	
	700.0		-.01	-2.36	-6961.58	-722976.68	
1 .00							-517.21
	.0		-.01	3.80	4889.47	-3623.98	
	288.3		-.01	1.26	-.02	701179.48	
	700.0		-.01	-2.38	-6982.53	-736193.80	
1 -.00							-730.36
	.0		-.01	3.05	4839.84	-17793.54	
	285.4		-.01	.97	-.02	672774.09	
	700.0		-.01	-2.04	-7032.16	-785105.34	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
1*****						-.87
	.0	.00	-1.00	6198.07	-785996.54	
	365.5	.00	-.05	-.02	346552.82	
	700.0	.00	.82	-5673.93	-602547.40	
1	-.00					159.35
	.0	-.01	3.83	4810.53	-19516.37	
	283.6	-.01	1.35	-.02	662713.40	
	700.0	-.01	-2.30	-7061.47	-807342.84	
1	.00					-71.32
	.0	-.01	3.05	4791.38	-2494.12	
	282.5	-.01	1.04	-.02	674313.07	
	700.0	-.01	-1.94	-7080.62	-803729.75	
1	.00					-266.79
	.0	-.01	3.05	4793.23	-17552.33	
	282.6	-.01	1.04	-.02	659777.70	
	700.0	-.01	-1.94	-7078.77	-817492.73	
1-21625.65						-.03
	.0	.00	-.50	5940.42	-694114.88	
	350.3	.00	-.06	-.02	346233.17	
	700.0	.00	.39	-5931.58	-691019.92	
1	.00					425.04
	.0	-.01	3.27	4801.64	-17131.52	
	283.1	-.01	1.10	-.02	662578.28	
	700.0	-.01	-2.10	-7070.36	-811182.81	
1	.00					212.64
	.0	-.01	3.25	4817.77	-2639.94	
	284.1	-.01	1.07	-.02	681644.32	
	700.0	-.01	-2.12	-7054.23	-785399.91	
1	.00					-212.03
	.0	-.01	3.25	4817.81	-2640.78	
	284.1	-.01	1.07	-.02	681653.77	
	700.0	-.01	-2.13	-7054.19	-785375.39	
1	.00					-424.64
	.0	-.01	3.24	4801.76	-17142.73	
	283.1	-.01	1.06	-.02	662600.08	
	700.0	-.01	-2.14	-7070.24	-811112.42	
1-28242.34						.00
	.0	-.00	.45	5941.97	-694667.65	
	350.4	-.00	.00	-.02	346224.01	
	700.0	-.00	-.45	-5930.03	-690486.44	
1	.00					424.65

E E L E M E N T F O R C E S

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	.0		-.00	1.11	4801.76	-17142.71	
	283.1		-.00	.37	-.02	662600.08	
	700.0		-.00	-.72	-7070.24	-811112.43	

1	.00						212.04
	.0		-.00	1.10	4817.81	-2640.77	
	284.1		-.00	.35	-.02	681653.77	
	700.0		-.00	-.73	-7054.19	-785375.39	

1	.00						-212.63
	.0		-.00	1.10	4817.77	-2639.94	
	284.1		-.00	.35	-.02	681644.31	
	700.0		-.00	-.75	-7054.23	-785399.91	

1	.00						-425.04
	.0		-.00	1.08	4801.64	-17131.54	
	283.1		-.00	.34	-.02	662578.27	
	700.0		-.00	-.76	-7070.36	-811182.80	

1-21625.64	.0		-.00	1.40	5940.42	-694114.88	.03
	350.3		-.00	.06	-.02	346233.17	
	700.0		-.00	-1.29	-5931.58	-691019.92	

1	.00						266.78
	.0		-.00	1.75	4793.23	-17552.36	
	282.6		-.00	.55	-.02	659777.70	
	700.0		-.00	-1.22	-7078.77	-817492.71	

1	.00						71.32
	.0		-.00	1.75	4791.38	-2494.12	
	282.5		-.00	.54	-.02	674313.07	
	700.0		-.00	-1.23	-7080.62	-803729.74	

1.	-.00						-159.36
	.0		-.00	.97	4810.53	-19516.35	
	283.6		-.00	.23	-.02	662713.41	
	700.0		-.00	-.87	-7061.47	-807342.84	

1*****	.0		-.01	1.89	6198.07	-785996.53	.87
	365.5		-.01	.02	-.02	346552.80	
	700.0		-.01	-1.70	-5673.93	-602547.44	

1	-.00						730.35
	.0		.02	-7.75	4839.84	-17793.59	
	285.4		.02	-2.43	-.02	672774.07	
	700.0		.02	5.29	-7032.16	-785105.30	

1	.00						517.19
	.0		.02	-8.51	4889.47	-3624.01	
	288.3		.02	-2.68	-.02	701179.48	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI 700.0	1-2 PLANE SHEAR .02	MOMENT 5.65	1-3 PLANE SHEAR -6982.53	MOMENT -736193.75	AXIAL TORQ
1	.00					-219.11
	.0	.02	-8.50	4910.42	-5067.52	
	289.5	.02	-2.66	-.02	705786.90	
	700.0	.02	5.62	-6961.58	-722976.56	
1	.00					-1062.80
	.0	.02	-8.49	4844.52	-4430.94	
	285.6	.02	-2.74	-.02	687471.90	
	700.0	.02	5.60	-7027.48	-768469.07	
1	.00					-1595.84
	.0	.02	-8.49	4701.09	-1311.42	
	277.2	.02	-2.92	-.02	650229.58	
	700.0	.02	5.57	-7170.91	-865746.67	
1	.00					-1389.24
	.0	.02	-8.38	4520.54	4165.68	
	266.5	.02	-3.08	-.02	606621.38	
	700.0	.02	5.54	-7351.46	-986655.13	
1	6495.19					2.92
	.0	.03	-15.55	3064.14	312588.76	
	180.7	.03	-10.30	-.02	589386.06	
	700.0	.03	4.80	-8807.86	-1697712.03	
1	7898.82					.00
	.0	-.00	-.77	5935.98	-692532.74	
	350.0	-.00	-2.14	-.02	346261.30	
	700.0	-.00	-3.51	-5936.02	-692544.67	
1	.00					.04
	.0	-.00	1.68	5936.00	-969704.06	
	350.0	-.00	.27	-.02	69096.66	
	700.0	-.00	-1.13	-5936.00	-969702.61	
1	.00					.07
	.0	-.00	1.62	5936.00	-866111.64	
	350.0	-.00	.21	-.02	172688.92	
	700.0	-.00	-1.19	-5936.00	-866110.52	
1	.00					.08
	.0	-.00	1.60	5936.00	-770705.36	
	350.0	-.00	.19	-.02	268095.00	
	700.0	-.00	-1.21	-5936.00	-770704.63	
1	.00					.08
	.0	-.00	1.58	5936.00	-725522.99	
	350.0	-.00	.17	-.02	313277.23	
	700.0	-.00	-1.23	-5936.00	-725522.56	

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1	.00						.07
		.0	-.00	1.55	5936.00	-737533.52	
		350.0	-.00	.15	-.02	301266.60	
		700.0	-.00	-1.26	-5936.00	-737533.28	
1	-.00						.04
		.0	-.00	1.53	5936.00	-779633.89	
		350.0	-.00	.14	-.02	259166.20	
		700.0	-.00	-1.26	-5936.00	-779633.72	
1*****							.00
		.0	-.00	.39	5936.00	-698834.01	
		350.0	-.00	-.17	-.02	339966.17	
		700.0	-.00	-.73	-5936.00	-698833.65	
1	-.00						-.02
		.0	-.00	1.22	5936.00	-802771.22	
		350.0	-.00	.09	-.02	236028.80	
		700.0	-.00	-1.04	-5936.00	-802771.17	
1	.00						-.03
		.0	-.00	1.23	5936.00	-804022.02	
		350.0	-.00	.09	-.02	234777.98	
		700.0	-.00	-1.05	-5936.00	-804022.03	
1	.00						-.02
		.0	-.00	1.21	5936.00	-811837.73	
		350.0	-.00	.08	-.02	226962.24	
		700.0	-.00	-1.05	-5936.00	-811837.78	
1-33594.44							.00
		.0	-.00	.45	5936.00	-692636.17	
		350.0	-.00	-.11	-.02	346163.83	
		700.0	-.00	-.67	-5936.00	-692636.18	
1	.00						-.02
		.0	-.00	1.25	5936.00	-805317.25	
		350.0	-.00	.06	-.02	233482.78	
		700.0	-.00	-1.14	-5936.00	-805317.20	
1	.00						-.03
		.0	-.00	1.24	5936.00	-786247.84	
		350.0	-.00	.04	-.02	252552.16	
		700.0	-.00	-1.16	-5936.00	-786247.83	
1	.00						-.03
		.0	-.00	1.23	5936.00	-786223.64	
		350.0	-.00	.02	-.02	252576.35	
		700.0	-.00	-1.18	-5936.00	-786223.65	
1	.00						-.02

M E E L E M E N T F O R C E S

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	.0		-.00	1.20	5936.00	-805253.00	
	350.0		-.00	.01	-.02	233546.98	
	700.0		-.00	-1.18	-5936.00	-805253.05	

1-44579.21	.0		-.00	.56	5936.00	-692673.63	.00
	350.0		-.00	.00	-.02	346126.37	
	700.0		-.00	-.56	-5936.00	-692673.63	

1 .00	.0		-.00	.41	5936.00	-805252.98	.03
	350.0		-.00	-.02	-.02	233546.98	
	700.0		-.00	-.46	-5936.00	-805253.06	

1 .00	.0		-.00	.40	5936.00	-786223.63	.04
	350.0		-.00	-.04	-.02	252576.35	
	700.0		-.00	-.47	-5936.00	-786223.66	

1 .00	.0		-.00	.38	5936.00	-786247.85	.04
	350.0		-.00	-.05	-.02	252552.16	
	700.0		-.00	-.49	-5936.00	-786247.82	

1 .00	.0		-.00	.36	5936.00	-805317.26	.03
	350.0		-.00	-.07	-.02	233482.78	
	700.0		-.00	-.50	-5936.00	-805317.18	

1-33594.42	.0		-.00	.67	5936.00	-692636.17	.00
	350.0		-.00	.11	-.02	346163.83	
	700.0		-.00	-.44	-5936.00	-692636.18	

1 .00	.0		-.00	.56	5936.00	-811837.73	.01
	350.0		-.00	-.09	-.02	226962.24	
	700.0		-.00	-.75	-5936.00	-811837.78	

1 .00	.0		-.00	.56	5936.00	-804022.02	.02
	350.0		-.00	-.10	-.02	234777.98	
	700.0		-.00	-.76	-5936.00	-804022.02	

1 -.00	.0		-.00	.56	5936.00	-802771.20	.01
	350.0		-.00	-.10	-.02	236028.82	
	700.0		-.00	-.75	-5936.00	-802771.16	

1*****	.0		-.00	.72	5936.00	-698833.85	.00
	350.0		-.00	.17	-.02	339966.17	

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
		700.0	-.00	-.38	-5936.00	-698833.82	
1	-.00	.0	.01	-3.10	5936.00	-779633.89	-.05
		350.0	.01	-.15	-.02	259166.15	
		700.0	.01	2.79	-5936.00	-779633.80	
1	.00	.0	.01	-3.13	5936.00	-737533.51	-.09
		350.0	.01	-.16	-.02	301266.41	
		700.0	.01	2.81	-5936.00	-737533.68	
1	.00	.0	.01	-3.16	5936.00	-725522.88	-.10
		350.0	.01	-.18	-.02	313276.82	
		700.0	.01	2.79	-5936.00	-725523.48	
1	.00	.0	.01	-3.18	5936.00	-770705.04	-.10
		350.0	.01	-.21	-.02	268094.35	
		700.0	.01	2.77	-5936.00	-770706.25	
1	.00	.0	.01	-3.20	5936.00	-866110.99	-.09
		350.0	.01	-.23	-.02	172688.03	
		700.0	.01	2.74	-5936.00	-866112.94	
1	.00	.0	.01	-3.25	5936.00	-969702.95	-.05
		350.0	.01	-.29	-.02	69095.60	
		700.0	.01	2.68	-5936.00	-969705.86	
1	7898.87	.0	.00	.46	5935.94	-692518.00	.00
		350.0	.00	2.13	-.02	346261.30	
		700.0	.00	3.80	-5936.06	-692559.41	
1	6495.24	.0	.01	.93	8807.77	-1697681.17	2.92
		519.3	.01	5.50	-.02	589371.13	
		700.0	.01	7.08	-3064.23	312557.90	
1	.00	.0	-.01	2.80	7351.46	-986653.96	-1389.15
		433.5	-.01	-1.39	-.02	606621.30	
		700.0	-.01	-3.97	-4520.54	4164.84	
1	.00	.0	-.01	2.78	7170.91	-865745.96	-1595.69
		422.8	-.01	-1.23	-.02	650229.71	
		700.0	-.01	-3.86	-4701.09	-1311.67	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
1	.00					-1062.62
	.0	-.01	2.76	7027.48	-768468.59	
	414.4	-.01	-1.16	-.02	687472.06	
	700.0	-.01	-3.86	-4844.52	-4431.02	
1	.00					-218.92
	.0	-.01	2.73	6961.58	-722976.32	
	410.5	-.01	-1.13	-.02	705787.05	
	700.0	-.01	-3.86	-4910.42	-5067.44	
1	.00					517.35
	.0	-.01	2.71	6982.53	-736193.76	
	411.7	-.01	-1.15	-.02	701179.62	
	700.0	-.01	-3.85	-4889.47	-3623.77	
1	-.00					730.44
	.0	-.01	3.04	7032.16	-785105.53	
	414.6	-.01	-1.49	-.02	672774.22	
	700.0	-.01	-4.61	-4839.84	-17793.19	
1*****						.87
	.0	-.00	1.65	5673.93	-602547.83	
	334.5	-.00	-.02	-.02	346552.84	
	700.0	-.00	-1.84	-6198.07	-785996.03	
1	-.00					-159.39
	.0	-.01	1.77	7061.47	-807342.94	
	416.4	-.01	-.67	-.02	662713.44	
	700.0	-.01	-2.32	-4810.53	-19516.22	
1	.00					71.27
	.0	-.01	2.14	7080.62	-803729.75	
	417.5	-.01	-.99	-.02	674313.07	
	700.0	-.01	-3.10	-4791.38	-2494.12	
1	.00					266.74
	.0	-.01	2.12	7078.77	-817492.63	
	417.4	-.01	-.99	-.02	659777.66	
	700.0	-.01	-3.10	-4793.23	-17552.48	
1-21625.63						.03
	.0	-.00	1.22	5931.58	-691019.92	
	349.7	-.00	-.06	-.02	346233.17	
	700.0	-.00	-1.34	-5940.42	-694114.88	
1	.00					-425.09
	.0	-.01	2.21	7070.36	-811182.93	
	416.9	-.01	-1.04	-.02	662578.33	
	700.0	-.01	-3.25	-4801.64	-17131.35	
1	.00					-212.71

E E L E M E N T F O R C E S

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
		.0	-.01	2.20	7054.23	-785399.95	
		415.9	-.01	-1.05	-.02	681644.34	
		700.0	-.01	-3.26	-4817.77	-2639.88	

1	.00						211.96
		.0	-.01	2.19	7054.19	-785375.34	
		415.9	-.01	-1.05	-.02	681653.75	
		700.0	-.01	-3.26	-4817.81	-2640.84	

1	.00						424.60
		.0	-.01	2.17	7070.24	-811112.30	
		416.9	-.01	-1.07	-.02	662600.02	
		700.0	-.01	-3.28	-4801.76	-17142.89	

1-28242.36							.00
		.0	-.00	.38	5930.03	-690486.44	
		349.6	-.00	.00	-.02	346224.01	
		700.0	-.00	-.38	-5941.97	-694667.65	

1	.00						-424.59
		.0	-.00	.66	7070.24	-811112.30	
		416.9	-.00	-.37	-.02	662600.02	
		700.0	-.00	-1.07	-4801.76	-17142.91	

1	.00						-211.96
		.0	-.00	.65	7054.19	-785375.34	
		415.9	-.00	-.38	-.02	681653.75	
		700.0	-.00	-1.08	-4817.81	-2640.84	

1	.00						212.71
		.0	-.00	.63	7054.23	-785399.95	
		415.9	-.00	-.38	-.02	681644.34	
		700.0	-.00	-1.08	-4817.77	-2639.87	

1	.00						425.09
		.0	-.00	.63	7070.36	-811182.93	
		416.9	-.00	-.40	-.02	662578.34	
		700.0	-.00	-1.10	-4801.64	-17131.33	

1-21625.61							-.03
		.0	.00	-.46	5931.58	-691019.93	
		349.7	.00	.06	-.02	346233.17	
		700.0	.00	.57	-5940.42	-694114.88	

1	.00						-266.75
		.0	-.00	1.01	7078.77	-817492.65	
		417.4	-.00	-.60	-.02	659777.66	
		700.0	-.00	-1.70	-4793.23	-17552.45	

1	.00						-71.28
		.0	-.00	1.01	7080.62	-803729.74	
		417.5	-.00	-.61	-.02	674313.07	

ELEMENT FORCES

LOAD COND	AXIAL DIST FORCE ENDI 700.0	1-2 PLANE SHEAR MOMENT		1-3 PLANE SHEAR MOMENT		AXIAL TORQ
1	-.00					159.39
	.0	-.01	1.37	7061.47	-807342.90	
	416.4	-.01	-.92	-.02	662713.44	
	700.0	-.01	-2.48	-4810.53	-19516.25	

1*****						-.87
	.0	.00	-.89	5673.93	-602547.47	
	334.5	.00	.05	-.02	346552.81	
	700.0	.00	1.08	-6198.07	-785996.49	

1	-.00					-730.45
	.0	.02	-6.32	7032.16	-785105.65	
	414.6	.02	2.94	-.02	672774.19	
	700.0	.02	9.31	-4839.84	-17793.17	

1	.00					-517.36
	.0	.02	-6.00	6982.53	-736194.18	
	411.7	.02	2.56	-.02	701179.46	
	700.0	.02	8.55	-4889.47	-3623.75	

1	.00					218.90
	.0	.02	-6.02	6961.59	-722977.25	
	410.5	.02	2.53	-.02	705786.66	
	700.0	.02	8.56	-4910.41	-5067.44	

1	.00					1062.60
	.0	.02	-6.05	7027.48	-768470.20	
	414.4	.02	2.60	-.02	687471.39	
	700.0	.02	8.57	-4844.52	-4431.03	

1	.00					1595.67
	.0	.02	-6.07	7170.91	-865748.36	
	422.8	.02	2.77	-.02	650228.75	
	700.0	.02	8.57	-4701.09	-1311.69	

1	.00					1389.14
	.0	.02	-6.09	7351.46	-986657.04	
	433.5	.02	3.06	-.02	606620.13	
	700.0	.02	8.68	-4520.54	4164.83	

1	6495.32					-2.92
	.0	-.00	-2.35	8807.76	-1697679.15	
	519.3	-.00	-4.22	-.02	589370.16	
	700.0	-.00	-4.87	-3064.24	312555.89	

1*****						-24.00
	.0	-4437.21	3714096.58	-10278.26	25796941.07	
	2516.0	-4437.21	-7449914.22	-10278.26	-63162.79	

1*****						30.07

ELEMENT FORCES

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
	.0	642.06	-1680143.87	1270.03	-3070310.16	
	2516.0	642.06	-64731.40	1270.03	125085.03	

1*****						-29.78
	.0	636.00	-1678651.28	-1270.05	3070296.40	
	2516.0	636.00	-78463.34	-1270.05	-125146.39	

1*****						23.99
	.0	-4437.19	3714079.16	10278.25	-25796944.36	
	2516.0	-4437.19	-7449902.37	10278.25	63132.17	

1*****						-1.30
	.0	-2952.70	7531318.63	-108.75	91208.62	
	2516.0	-2952.70	102333.32	-108.75	-182412.91	

1*****						1.66
	.0	285.39	-829619.49	10.06	-6694.76	
	2516.0	285.39	-111587.08	10.06	18621.17	

1*****						-1.62
	.0	-285.38	829600.24	10.03	-6662.94	
	2516.0	-285.38	111586.83	10.03	18583.02	

1*****						1.30
	.0	2952.69	-7531319.57	-108.75	91210.40	
	2516.0	2952.69	-102341.92	-108.75	-182416.41	

1*****						1.33
	.0	-2952.70	7531316.00	108.75	-91207.40	
	2516.0	-2952.70	102332.97	108.75	182410.17	

1*****						-1.57
	.0	285.41	-829643.63	-10.01	6636.04	
	2516.0	285.41	-111555.83	-10.01	-18557.15	

1*****						1.60
	.0	-285.38	829602.24	-10.03	6660.30	
	2516.0	-285.38	111587.01	-10.03	-18580.17	

1*****						-1.33
	.0	2952.69	-7531316.70	108.75	-91206.66	
	2516.0	2952.69	-102341.54	108.75	182408.73	

1*****						24.27
	.0	4437.28	-3714118.34	-10278.25	25796912.73	
	2516.0	4437.28	7450089.37	-10278.25	-63163.45	

1*****						-29.30
	.0	-642.06	1687633.69	1270.07	-3070401.66	
	2516.0	-642.06	72219.39	1270.07	125093.91	

1*****						29.60

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	.0		-636.18	1679139.75	-1270.06	3070317.89	
	2516.0		-636.18	78507.46	-1270.06	-125147.08	

1*****	.0		4437.34	-3714171.33	10278.24	-25796912.97	-24.28
	2516.0		4437.34	7450172.55	10278.24	63131.46	

1-21531.62	.0		122.09	6369.43	12219.69	3157881.79	2449.53
	167.8		122.09	26856.49	-.10	4183155.03	
	700.0		122.09	91829.75	-38754.31	-6129236.03	

1 3439.77	.0		-150.01	-7803.10	24565.62	-3024477.31	-2994.77
	351.7		-150.01	-60567.74	-.10	1295897.28	
	700.0		-150.01	-112809.48	-24322.38	-2939339.93	

1 3417.40	.0		150.05	7803.75	24562.73	-3022936.58	2994.88
	351.7		150.05	60576.87	-.10	1296418.40	
	700.0		150.05	112839.41	-24325.27	-2939828.44	

1-21531.75	.0		-122.09	-6369.44	12219.59	3157942.51	-2449.52
	167.8		-122.09	-26856.22	-.10	4183199.01	
	700.0		-122.09	-91829.30	-38754.41	-6129245.16	

1-21625.38	.0		.00	92424.38	25487.05	-5685780.62	-.12
	350.0		.00	92424.31	-.10	-1225536.83	
	700.0		.00	92424.23	-25486.95	-5685743.04	

1 3448.07	.0		.03	-113537.95	28167.33	-2983568.86	.28
	350.0		.03	-113528.87	-.11	1945596.20	
	700.0		.03	-113519.80	-28168.67	-2984038.74	

1 3425.64	.0		.00	113567.97	28167.97	-2983907.03	.09
	350.0		.00	113568.04	-.11	1945483.76	
	700.0		.00	113568.10	-28168.03	-2983925.46	

1-21625.50	.0		.00	-92423.93	25487.01	-5685781.61	.13
	350.0		.00	-92423.82	-.10	-1225552.16	
	700.0		.00	-92423.71	-25486.99	-5685772.71	

1-21531.62	.0		-122.09	91829.60	38754.14	-6129193.53	-2449.76
	532.2		-122.09	26856.31	-.10	4183106.60	
	700.0		-122.09	6369.32	-12219.86	3157804.69	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL
		SHEAR	MOMENT	SHEAR	MOMENT	TORQ
1	3439.89					2993.51
	.0	149.96	-112791.89	24326.24	-2940086.05	
	348.3	149.96	-60558.06	-.10	1296498.64	
	700.0	149.96	-7818.96	-24561.76	-3022515.22	
1	3417.40					-2994.72
	.0	-150.05	112839.54	24325.41	-2939853.84	
	348.3	-150.05	60576.28	-.10	1296440.12	
	700.0	-150.05	7803.86	-24562.59	-3022867.30	
1-2	1531.75					2449.75
	.0	122.09	-91829.08	38754.19	-6129220.08	
	532.2	122.09	-26856.05	-.10	4183106.43	
	700.0	122.09	-6369.25	-12219.81	3157812.83	
1*****						-6393.43
	.0	17094.41	-10607796.01	-10156.17	-65612.32	
	2516.0	17094.41	32401749.20	-10156.17	-25618547.36	
1*****						7833.17
	.0	-2797.71	2959745.91	1120.02	128079.80	
	2516.0	-2797.71	-4079300.80	1120.02	2946052.05	
1*****						-7833.53
	.0	-2781.39	2944473.24	-1120.00	-128141.27	
	2516.0	-2781.39	-4053516.26	-1120.00	-2946055.91	
1*****						6393.42
	.0	17094.55	-10607844.88	10156.16	65581.69	
	2516.0	17094.55	32402044.28	10156.16	25618491.05	
1*****						-595.93
	.0	-3074.78	104782.97	-202.51	261042.50	
	2516.0	-3074.78	-7631371.69	-202.51	-248468.77	
1*****						730.12
	.0	435.42	-114582.14	18.36	-25607.76	
	2516.0	435.42	980938.45	18.36	20594.82	
1*****						-730.19
	.0	-435.43	114581.62	18.28	-25495.58	
	2516.0	-435.43	-980959.48	18.28	20487.90	
1*****						595.93
	.0	3074.78	-104791.56	-202.51	261047.14	
	2516.0	3074.78	7631354.05	-202.51	-248473.32	
1*****						595.96
	.0	-3074.78	104782.61	202.51	-261040.32	
	2516.0	-3074.78	-7631368.56	202.51	248466.75	

ELEMENT FORCES

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE SHEAR MOMENT		1-3 PLANE SHEAR MOMENT		AXIAL TORQ
1*****	.0	435.34	-114549.06	-18.20	25395.55	-729.48
	2516.0	435.34	980776.20	-18.20	-20386.80	
1*****	.0	-435.43	114581.82	-18.27	25491.45	730.17
	2516.0	-435.43	-980962.14	-18.27	-20483.83	
1*****	.0	3074.78	-104791.16	202.51	-261038.63	-595.96
	2516.0	3074.78	7631350.24	202.51	248465.01	
1*****	.0	-17094.34	10607894.06	-10156.16	-65613.21	6393.59
	2516.0	-17094.34	-32401454.46	-10156.16	-25618520.73	
1*****	.0	2797.83	-2950295.83	1120.11	128087.42	-7848.26
	2506.0	2797.83	4061068.24	1120.11	2935079.20	
1*****	.0	2781.22	-2944359.84	-1120.01	-128141.80	7833.46
	2516.0	2781.22	4053188.03	-1120.01	-2946078.51	
1*****	.0	-17094.41	10607985.37	10156.15	65581.21	-6393.53
	2516.0	-17094.41	-32401546.84	10156.15	25618458.61	
1 6207.51	.0	40.81	-12791.98	-118564.39	59597416.79	3588.20
	700.0	40.81	15772.21	-189047.39	-48066704.16	
1 -1301.21	.0	-50.00	15673.57	42063.76	-7040830.61	-4399.57
	430.5	-50.00	-5850.55	-.14	2013307.63	
	700.0	-50.00	-19325.21	-26333.24	-1535150.37	
1 -1276.08	.0	50.00	-15674.09	42056.54	-7036878.10	4399.58
	430.4	50.00	5846.53	-.14	2014151.41	
	700.0	50.00	19325.01	-26340.46	-1536253.18	
1 6207.55	.0	-40.81	12791.88	-118565.08	59597951.06	-3588.21
	700.0	-40.81	-15772.16	-189048.08	-48066654.53	
1 6221.91	.0	.00	14578.46	35242.13	-47581841.79	-.01
	350.0	.00	14578.47	-.14	-41414358.21	
	700.0	.00	14578.48	-35240.87	-47581399.64	

ELEMENT FORCES

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
1	-1307.76					-4.76
	.0	.03	-17862.63	37919.95	-1570781.33	
	350.0	.03	-17853.05	-.15	5064765.03	
	700.0	.03	-17843.46	-37925.05	-1572563.66	
1	-1282.47					-.01
	.0	.00	17862.31	37922.15	-1571871.74	
	350.0	.00	17862.32	-.15	5064442.84	
	700.0	.00	17862.32	-37922.85	-1572117.57	
1	6221.95					-.01
	.0	.00	-14578.43	35241.26	-47581783.45	
	350.0	.00	-14578.39	-.14	-41414603.75	
	700.0	.00	-14578.36	-35241.74	-47581949.05	
1	6207.51					-3588.23
	.0	-40.81	15772.31	189046.05	-48066258.87	
	700.0	-40.81	-12792.44	118563.05	59596929.28	
1	-1413.87					4176.54
	.0	49.92	-19246.99	26342.14	-1536965.99	
	269.6	49.92	-5786.55	-.14	2014290.48	
	700.1	49.92	15702.31	-42054.11	-7036719.45	
1	-1276.08					-4399.60
	.0	-50.00	19324.95	26341.91	-1536507.74	
	269.6	-50.00	5845.75	-.14	2014286.08	
	700.0	-50.00	-15673.73	-42055.09	-7036121.99	
1	6207.55					3588.19
	.0	40.81	-15772.19	189047.09	-48066805.03	
	700.0	40.81	12792.39	118564.09	59597104.84	
1	-71105.88					6398.55
	.0	10886.90	-27195667.59	-10115.37	-25622135.56	
	2516.0	10886.90	195784.19	-10115.37	-51072402.73	
1	*****					-7840.40
	.0	-1496.51	2961529.81	1070.02	2950451.63	
	2516.0	-1496.51	-803682.81	1070.02	5642628.26	
1	*****					7840.56
	.0	-1505.32	2983361.84	-1070.00	-2950455.49	
	2516.0	-1505.32	-804013.34	-1070.00	-5642573.35	
1	-71106.15					-6398.45
	.0	10887.00	-27195906.78	10115.36	25622079.26	
	2516.0	10887.00	195792.07	10115.36	51072321.29	
1	-22417.47					597.82
	.0	-3115.59	-7627783.48	-188.11	236393.60	

M E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI 2516.0	1-2 PLANE SHEAR MOMENT		1-3 PLANE SHEAR MOMENT		AXIAL TORQ
		-3115.59	-15466605.94	-188.11	-236892.53	
1*****	.0	485.45	976543.64	11.81	-15036.14	-732.46
	2516.0	485.45	2197928.73	11.81	14679.14	
1*****	.0	-485.43	-976559.88	11.89	-15130.66	732.51
	2516.0	-485.43	-2197897.72	11.89	14780.74	
1-22417.81	.0	3115.59	7627765.85	-188.11	236397.77	-597.81
	2516.0	3115.59	15466579.05	-188.11	-236896.57	
1-22417.45	.0	-3115.59	-7627780.35	188.11	-236392.48	-597.87
	2516.0	-3115.59	-15466601.45	188.11	236891.41	
1*****	.0	485.24	976870.25	-11.95	15210.87	731.75
	2516.0	485.24	2197731.60	-11.95	-14854.94	
1*****	.0	-485.43	-976562.55	-11.88	15126.00	-732.46
	2516.0	-485.43	-2197901.80	-11.88	-14776.14	
1-22417.82	.0	3115.58	7627762.05	188.11	-236390.97	597.88
	2516.0	3115.58	15466572.48	188.11	236890.02	
1-71105.90	.0	-10886.83	27195474.83	-10115.36	-25622108.96	-6398.85
	2516.0	-10886.83	-195778.31	-10115.36	-51072346.60	
1*****	.0	1496.32	-2975651.21	1070.19	2939479.61	7792.79
	2526.0	1496.32	804049.49	1070.19	5642769.37	
1*****	.0	1505.14	-2982933.96	-1070.01	-2950478.11	-7840.27
	2516.0	1505.14	804000.65	-1070.01	-5642619.57	
1-71106.27	.0	-10886.86	27195558.01	10115.35	25622046.79	6398.86
	2516.0	-10886.86	-195780.43	10115.35	51072254.90	
1 10126.66	.0	-.31	124.56	-41000.45	51069120.63	14991.28
	610.0	-.31	-64.31	-94198.55	9833425.49	
1 10126.55	.0	-.02	4.72	-98432.24	9832441.01	2440.57

MEMBER ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	610.0		-.02	-5.34	-151630.34	-66436647.69	
1	10126.52						-1783.20
	.0		-.02	5.95	-155846.59	-66436558.19	
	610.0		-.19501E-01	-.59442E+01	-.20904E+06	-.17773E+09	
1	10126.49						-2903.55
	.0		-.19466E-01	.59372E+01	-.21330E+06	-.17773E+09	
	610.0		-.19466E-01	-.59371E+01	-.26650E+06	-.32406E+09	
1	10126.46						-3934.88
	.0		-.19425E-01	.59288E+01	-.27079E+06	-.32406E+09	
	610.0		-.19425E-01	-.59205E+01	-.32399E+06	-.50547E+09	
1	10126.43						-7339.51
	.0		-.23018E-01	.66510E+01	-.32835E+06	-.50547E+09	
	610.0		-.23018E-01	-.73899E+01	-.38155E+06	-.72199E+09	
1	10126.51						2089.37
	.0		.32816E+00	-.63988E+02	-.38604E+06	-.72199E+09	
	610.0		.32816E+00	.13619E+03	-.43924E+06	-.97370E+09	
1	-.09						-51045.73
	.0		.34796E+00	-.14227E+03	.54141E+06	-.97934E+09	
	610.0		.34796E+00	.69983E+02	.48821E+06	-.66531E+09	
1	.01						-40007.06
	.0		-.33750E-02	.13990E+01	.48293E+06	-.66530E+09	
	610.0		-.33750E-02	-.65977E+00	.42973E+06	-.38694E+09	
1	.01						-41428.46
	.0		.22010E-03	-.71182E-01	.42382E+06	-.38693E+09	
	610.0		.22010E-03	.63076E-01	.37062E+06	-.14463E+09	
1	.01						-39145.32
	.0		.18024E-03	-.54974E-01	.36404E+06	-.14462E+09	
	610.0		.00	.05	310846.37	61222528.58	
1	.01						-34157.53
	.0		.00	-.05	303631.03	61228507.37	
	610.0		.17980E-03	.54796E-01	.25043E+06	.23022E+09	
1	.01						-27546.51
	.0		.17893E-03	-.54618E-01	.24267E+06	.23022E+09	
	610.0		.17893E-03	.54529E-01	.18947E+06	.36202E+09	
1	.01						-20055.32
	.0		.17806E-03	-.54352E-01	.18126E+06	.36203E+09	
	610.0		.17806E-03	.54263E-01	.12806E+06	.45637E+09	
1	.01						-12143.07
	.0		.17719E-03	-.54086E-01	.11952E+06	.45637E+09	

MEMBER ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	610.0		.17719E-03	.53998E-01	.66325E+05	.51305E+09	
1	.01						-4061.81
	.0		.17632E-03	-.53821E-01	.57596E+05	.51306E+09	
	610.0		.17632E-03	.53732E-01	.43976E+04	.53196E+09	
1	.01						4061.81
	.0		.17545E-03	-.53555E-01	-.43973E+04	.53196E+09	
	610.0		.17545E-03	.53467E-01	-.57595E+05	.51306E+09	
1	.01						12143.08
	.0		.17457E-03	-.53290E-01	-.66325E+05	.51305E+09	
	610.0		.17457E-03	.53201E-01	-.11952E+06	.45637E+09	
1	.01						20055.33
	.0		.17370E-03	-.53024E-01	-.12806E+06	.45637E+09	
	610.0		.17370E-03	.52935E-01	-.18126E+06	.36203E+09	
1	.01						27546.51
	.0		.17283E-03	-.52758E-01	-.18947E+06	.36202E+09	
	610.0		.17283E-03	.52670E-01	-.24267E+06	.23022E+09	
1	.01						34157.52
	.0		.17196E-03	-.52492E-01	-.25043E+06	.23022E+09	
	610.0		.00	.05	-303630.77	61229282.12	
1	.01						39145.31
	.0		.00	-.05	-310846.11	61223303.33	
	610.0		.17152E-03	.52314E-01	-.36404E+06	-.14462E+09	
1	.01						41428.45
	.0		.13157E-03	-.44192E-01	-.37062E+06	-.14462E+09	
	610.0		.13157E-03	.36068E-01	-.42382E+06	-.38693E+09	
1	.01						40007.24
	.0		.37342E-02	-.76862E+00	-.42973E+06	-.38694E+09	
	610.0		.37342E-02	.15092E+01	-.48293E+06	-.66530E+09	
1	-.09						51053.06
	.0		-.34815E+00	.70016E+02	-.48821E+06	-.66530E+09	
	610.0		-.34815E+00	-.14236E+03	-.54141E+06	-.97934E+09	
1	10126.33						-2096.67
	.0		-.31130E+00	.13104E+03	.43924E+06	-.97370E+09	
	610.0		-.31130E+00	-.58855E+02	.38604E+06	-.72199E+09	
1	10126.28						7339.36
	.0		.40301E-01	-.12662E+02	.38155E+06	-.72199E+09	
	610.0		.40301E-01	.11922E+02	.32835E+06	-.50547E+09	
1	10126.34						3934.93
	.0		.36702E-01	-.11190E+02	.32399E+06	-.50547E+09	

ME ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	610.0		.36702E-01	.11198E+02	.27079E+06	-.32406E+09	
1	10126.39						2903.63
	.0		.36743E-01	-.11206E+02	.26650E+06	-.32406E+09	
	610.0		.36743E-01	.11207E+02	.21330E+06	-.17773E+09	
1	10126.45						1783.30
	.0		.36777E-01	-.11214E+02	.20904E+06	-.17773E+09	
	610.0		.04	11.22	155846.26	-66436230.72	
1	10126.50						-2440.44
	.0		.03	-10.61	151630.01	-66436320.24	
	610.0		.03	9.99	98431.91	9832564.45	
1	10126.64						-14991.31
	.0		.33	-69.59	94198.21	9833548.90	
	610.0		.33	129.87	41000.11	51069039.22	
1	3104.29						8663.71
	.0		.06	-26.46	-12770.18	15469888.10	
	610.0		.06	9.76	-65968.28	-8545341.62	
1	3104.40						1155.58
	.0		-.02	6.69	-79542.59	-8544357.09	
	610.0		-.02	-6.40	-132740.69	-73290755.84	
1	3104.42						-926.21
	.0		-.02	6.11	-146332.43	-73290845.28	
	610.0		-.20048E-01	-.61164E+01	-.19953E+06	-.17878E+09	
1	3104.44						-1453.27
	.0		-.20065E-01	.61198E+01	-.21309E+06	-.17878E+09	
	610.0		-.20065E-01	-.61196E+01	-.26628E+06	-.32499E+09	
1	3104.46						-1952.41
	.0		-.20085E-01	.61237E+01	-.27979E+06	-.32499E+09	
	610.0		-.20085E-01	-.61281E+01	-.33299E+06	-.51189E+09	
1	3104.48						-4143.53
	.0		-.18400E-01	.57854E+01	-.34644E+06	-.51189E+09	
	610.0		-.18400E-01	-.54387E+01	-.39964E+06	-.73944E+09	
1	3104.39						-14777.02
	.0		-.11411E+00	.24929E+02	-.41295E+06	-.73944E+09	
	610.0		-.11411E+00	-.44679E+02	-.46615E+06	-.10076E+10	
1	2632.63						-9719.10
	.0		-.94000E-01	.38534E+02	.56752E+06	-.10098E+10	
	610.0		-.94000E-01	-.18807E+02	.51433E+06	-.67981E+09	
1	2632.53						-19534.69
	.0		.18659E-02	-.74254E+00	.50180E+06	-.67982E+09	

MEME ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	MOMENT	1-3 PLANE SHEAR	MOMENT	AXIAL TORQ
	610.0		.18659E-02	.39565E+00	.44860E+06	-.38994E+09	
1	2632.53						-20744.43
	.0		.18102E-03	-.53001E-01	.43670E+06	-.38995E+09	
	610.0		.18102E-03	.57419E-01	.38350E+06	-.13978E+09	
1	2632.54						-19602.57
	.0		.20227E-03	-.61741E-01	.37228E+06	-.13979E+09	
	610.0		.00	.06	319078.89	71072063.57	
1	2632.54						-17096.96
	.0		.00	-.06	308486.23	71066084.80	
	610.0		.20156E-03	.61452E-01	.25529E+06	.24302E+09	
1	2632.54						-13783.16
	.0		.20110E-03	-.61359E-01	.24525E+06	.24301E+09	
	610.0		.20110E-03	.61313E-01	.19205E+06	.37639E+09	
1	2632.54						-10032.43
	.0		.20065E-03	-.61220E-01	.18245E+06	.37638E+09	
	610.0		.20065E-03	.61174E-01	.12925E+06	.47145E+09	
1	2632.55						-6073.47
	.0		.20019E-03	-.61081E-01	.11998E+06	.47145E+09	
	610.0		.20019E-03	.61035E-01	.66783E+05	.52842E+09	
1	2632.55						-2031.40
	.0		.19974E-03	-.60943E-01	.57705E+05	.52841E+09	
	610.0		.19974E-03	.60896E-01	.45067E+04	.54739E+09	
1	2632.55						2031.39
	.0		.19928E-03	-.60804E-01	-.45064E+04	.54739E+09	
	610.0		.19928E-03	.60757E-01	-.57705E+05	.52841E+09	
1	2632.56						6073.47
	.0		.19882E-03	-.60665E-01	-.66783E+05	.52842E+09	
	610.0		.19882E-03	.60618E-01	-.11998E+06	.47145E+09	
1	2632.56						10032.43
	.0		.19837E-03	-.60526E-01	-.12925E+06	.47146E+09	
	610.0		.19837E-03	.60479E-01	-.18245E+06	.37638E+09	
1	2632.56						13783.17
	.0		.19791E-03	-.60387E-01	-.19205E+06	.37639E+09	
	610.0		.19791E-03	.60340E-01	-.24525E+06	.24301E+09	
1	2632.56						17096.96
	.0		.19746E-03	-.60248E-01	-.25529E+06	.24302E+09	
	610.0		.00	.06	-308485.98	71066853.25	
1	2632.57						19602.58
	.0		.00	-.06	-319078.64	71072832.02	

ME ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	610.0		.19675E-03	.59958E-01	-.37228E+06	-.13979E+09	
1	2632.57						20744.43
	.0		.21804E-03	-.64288E-01	-.38350E+06	-.13978E+09	
	610.0		.21804E-03	.68716E-01	-.43670E+06	-.38995E+09	
1	2632.57						19534.62
	.0		-.14685E-02	.27419E+00	-.44860E+06	-.38994E+09	
	610.0		-.14685E-02	-.62158E+00	-.50180E+06	-.67981E+09	
1	2632.68						9718.18
	.0		.94203E-01	-.18857E+02	-.51433E+06	-.67981E+09	
	610.0		.94203E-01	.38607E+02	-.56752E+06	-.10098E+10	
1	3104.44						14777.92
	.0		.13164E+00	-.50046E+02	.46615E+06	-.10076E+10	
	610.0		.13164E+00	.30255E+02	.41295E+06	-.73944E+09	
1	3104.52						4143.63
	.0		.36259E-01	-.10886E+02	.39964E+06	-.73944E+09	
	610.0		.36259E-01	.11233E+02	.34644E+06	-.51189E+09	
1	3104.49						1952.48
	.0		.37945E-01	-.11575E+02	.33299E+06	-.51189E+09	
	610.0		.37945E-01	.11571E+02	.27979E+06	-.32499E+09	
1	3104.46						1453.36
	.0		.37925E-01	-.11567E+02	.26628E+06	-.32499E+09	
	610.0		.37925E-01	.11567E+02	.21309E+06	-.17878E+09	
1	3104.43						926.33
	.0		.37908E-01	-.11564E+02	.19953E+06	-.17878E+09	
	610.0		.04	11.56	146332.10	-73290464.78	
1	3104.41						-1155.44
	.0		.04	-11.85	132740.35	-73290375.33	
	610.0		.04	12.14	79542.25	-8544181.60	
1	3104.29						-8663.55
	.0		-.04	4.33	65967.95	-8545166.13	
	610.0		-.04	-21.02	12769.85	15469861.20	
1	3104.27						-8664.32
	.0		-.10	38.75	-12770.17	15469883.62	
	-610.0		-.10	-22.02	-65968.27	-8545340.74	
1	3104.33						-1156.18
	.0		-.02	5.63	-79542.58	-8544356.19	
	610.0		-.02	-5.92	-132740.68	-73290747.69	
1	3104.31						925.62
	.0		-.02	6.21	-146332.43	-73290837.12	

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	610.0	-.20349E-01	-.62048E+01	-.19953E+06	-.17878E+09		
1	3104.29						1452.69
	.0	-.20333E-01	.62014E+01	-.21309E+06	-.17878E+09		
	610.0	-.20333E-01	-.62016E+01	-.26628E+06	-.32499E+09		
1	3104.26						1951.85
	.0	-.20312E-01	.61975E+01	-.27979E+06	-.32499E+09		
	610.0	-.20312E-01	-.61931E+01	-.33299E+06	-.51189E+09		
1	3104.24						4143.03
	.0	-.21989E-01	.65341E+01	-.34644E+06	-.51189E+09		
	610.0	-.21989E-01	-.68795E+01	-.39964E+06	-.73944E+09		
1	3104.12						14776.47
	.0	.72651E-01	-.12335E+02	-.41295E+06	-.73944E+09		
	610.0	.72651E-01	.31982E+02	-.46615E+06	-.10076E+10		
1	2632.41						9718.67
	.0	.92760E-01	-.38127E+02	.56752E+06	-.10098E+10		
	610.0	.92760E-01	.18457E+02	.51433E+06	-.67981E+09		
1	2632.30						19534.25
	.0	-.17258E-02	.69896E+00	.50180E+06	-.67982E+09		
	610.0	-.17258E-02	-.35377E+00	.44860E+06	-.38994E+09		
1	2632.29						20744.08
	.0	-.50404E-04	.13169E-01	.43670E+06	-.38995E+09		
	610.0	-.50404E-04	-.17577E-01	.38350E+06	-.13978E+09		
1	2632.29						19602.28
	.0	-.71583E-04	.21882E-01	.37228E+06	-.13979E+09		
	610.0	.00	-.02	319078.88	71072116.48		
1	2632.28						17096.71
	.0	.00	.02	308486.22	71066137.72		
	610.0	-.70870E-04	-.21593E-01	.25529E+06	.24302E+09		
1	2632.28						13782.96
	.0	-.70417E-04	.21500E-01	.24525E+06	.24301E+09		
	610.0	-.70417E-04	-.21454E-01	.19205E+06	.37639E+09		
1	2632.27						10032.28
	.0	-.69961E-04	.21361E-01	.18245E+06	.37638E+09		
	610.0	-.69961E-04	-.21315E-01	.12925E+06	.47145E+09		
1	2632.26						6073.37
	.0	-.69505E-04	.21222E-01	.11998E+06	.47145E+09		
	610.0	-.69505E-04	-.21176E-01	.66783E+05	.52842E+09		
1	2632.26						2031.35
	.0	-.69050E-04	.21083E-01	.57705E+05	.52841E+09		

E L E M E N T F O R C E S

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	610.0	-.69050E-04	-.21037E-01	.45067E+04	.54739E+09		
1	2632.25						-2031.39
	.0	-.68594E-04	.20944E-01	-.45064E+04	.54739E+09		
	610.0	-.68594E-04	-.20898E-01	-.57705E+05	.52841E+09		
1	2632.25						-6073.41
	.0	-.68138E-04	.20805E-01	-.66783E+05	.52842E+09		
	610.0	-.68138E-04	-.20759E-01	-.11998E+06	.47145E+09		
1	2632.24						-10032.31
	.0	-.67682E-04	.20666E-01	-.12925E+06	.47146E+09		
	610.0	-.67682E-04	-.20620E-01	-.18245E+06	.37638E+09		
1	2632.24						-13782.99
	.0	-.67226E-04	.20527E-01	-.19205E+06	.37639E+09		
	610.0	-.67226E-04	-.20481E-01	-.24525E+06	.24301E+09		
1	2632.23						-17096.72
	.0	-.66773E-04	.20389E-01	-.25529E+06	.24302E+09		
	610.0	.00	-.02	-308485.97	71066926.89		
1	2632.22						-19602.27
	.0	.00	.02	-319078.63	71072905.66		
	610.0	-.66060E-04	-.20099E-01	-.37228E+06	-.13979E+09		
1	2632.22						-20744.06
	.0	-.87339E-04	.24425E-01	-.38350E+06	-.13978E+09		
	610.0	-.87339E-04	-.28852E-01	-.43670E+06	-.38995E+09		
1	2632.21						-19534.18
	.0	.15975E-02	-.31375E+00	-.44860E+06	-.38994E+09		
	610.0	.15975E-02	.66073E+00	-.50180E+06	-.67981E+09		
1	2632.31						-9717.68
	.0	-.93778E-01	.18706E+02	-.51433E+06	-.67981E+09		
	610.0	-.93778E-01	-.38498E+02	-.56752E+06	-.10098E+10		
1	3104.10						-14777.32
	.0	-.56341E-01	.27058E+02	.46615E+06	-.10076E+10		
	610.0	-.56341E-01	-.73096E+01	.41295E+06	-.73944E+09		
1	3104.23						-4142.97
	.0	.39323E-01	-.12167E+02	.39964E+06	-.73944E+09		
	610.0	.39323E-01	.11820E+02	.34644E+06	-.51189E+09		
1	3104.25						-1951.77
	.0	.37636E-01	-.11477E+02	.33299E+06	-.51189E+09		
	610.0	.37636E-01	.11481E+02	.27979E+06	-.32499E+09		
1	3104.28						-1452.61
	.0	.37656E-01	-.11485E+02	.26628E+06	-.32499E+09		

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
	610.0		.37656E-01	.11485E+02	.21309E+06	-.17878E+09	
1	3104.30						-925.54
	.0		.37673E-01	-.11488E+02	.19953E+06	-.17878E+09	
	610.0		.04	11.49	146332.08	-73290438.95	
1	3104.33						1156.24
	.0		.04	-11.20	132740.33	-73290349.49	
	610.0		.04	10.91	79542.23	-8544170.27	
1	3104.27						8664.34
	.0		.12	-27.28	65967.92	-8545154.79	
	610.0		.12	44.01	12769.82	15469854.62	
1	10126.68						-14991.79
	.0		.27	-112.44	-41000.39	51069064.37	
	610.0		.27	52.28	-94198.49	9833408.06	
1	10126.63						-2441.22
	.0		-.02	7.31	-98432.18	9832423.46	
	610.0		-.02	-6.69	-151630.28	-66436627.14	
1	10126.66						1782.55
	.0		-.02	6.08	-155846.53	-66436537.76	
	610.0		-.19944E-01	-.60862E+01	-.20904E+06	-.17773E+09	
1	10126.69						2902.92
	.0		-.19978E-01	.60933E+01	-.21330E+06	-.17773E+09	
	610.0		-.19978E-01	-.60933E+01	-.26650E+06	-.32406E+09	
1	10126.72						3934.29
	.0		-.20019E-01	.61016E+01	-.27079E+06	-.32406E+09	
	610.0		-.20019E-01	-.61099E+01	-.32399E+06	-.50547E+09	
1	10126.75						7338.83
	.0		-.16434E-01	.53808E+01	-.32835E+06	-.50547E+09	
	610.0		-.16434E-01	-.46438E+01	-.38155E+06	-.72199E+09	
1	10126.89						-2097.39
	.0		-.36654E+00	.75862E+02	-.38604E+06	-.72199E+09	
	610.0		-.36654E+00	-.14773E+03	-.43924E+06	-.97370E+09	
1	-.12						51053.04
	.0		-.34675E+00	.14165E+03	.54141E+06	-.97934E+09	
	610.0		-.34675E+00	-.69868E+02	.48821E+06	-.66531E+09	
1	-.01						40006.88
	.0		.32047E-02	-.13460E+01	.48293E+06	-.66530E+09	
	610.0		.32047E-02	.60892E+00	.42973E+06	-.38694E+09	
1	-.01						41428.10
	.0		-.38093E-03	.12023E+00	.42382E+06	-.38693E+09	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST		1-2 PLANE		1-3 PLANE		AXIAL TORQ
	FORCE	ENDI	SHEAR	MOMENT	SHEAR	MOMENT	
	610.0	-.38093E-03	-.11214E+00		.37063E+06	-.14463E+09	
1	-.01						39144.99
	.0	-.34115E-03	.10405E+00		.36404E+06	-.14462E+09	
	610.0	.00	-.10		310846.38	61222686.81	
1	-.00						34157.24
	.0	.00	.10		303631.04	61228665.55	
	610.0	-.34071E-03	-.10387E+00		.25043E+06	.23022E+09	
1	.00						27546.28
	.0	-.33984E-03	.10369E+00		.24267E+06	.23022E+09	
	610.0	-.33984E-03	-.10361E+00		.18947E+06	.36202E+09	
1	.00						20055.15
	.0	-.33897E-03	.10343E+00		.18126E+06	.36203E+09	
	610.0	-.33897E-03	-.10334E+00		.12806E+06	.45637E+09	
1	.01						12142.95
	.0	-.33810E-03	.10316E+00		.11952E+06	.45637E+09	
	610.0	-.33810E-03	-.10308E+00		.66325E+05	.51305E+09	
1	.01						4061.75
	.0	-.33723E-03	.10290E+00		.57596E+05	.51306E+09	
	610.0	-.33723E-03	-.10281E+00		.43976E+04	.53196E+09	
1	.01						-4061.81
	.0	-.33635E-03	.10263E+00		-.43973E+04	.53196E+09	
	610.0	-.33635E-03	-.10254E+00		-.57595E+05	.51306E+09	
1	.02						-12143.02
	.0	-.33548E-03	.10237E+00		-.66325E+05	.51305E+09	
	610.0	-.33548E-03	-.10228E+00		-.11952E+06	.45637E+09	
1	.02						-20055.20
	.0	-.33461E-03	.10210E+00		-.12806E+06	.45637E+09	
	610.0	-.33461E-03	-.10201E+00		-.18126E+06	.36203E+09	
1	.02						-27546.33
	.0	-.33374E-03	.10184E+00		-.18947E+06	.36202E+09	
	610.0	-.33374E-03	-.10175E+00		-.24267E+06	.23022E+09	
1	.02						-34157.28
	.0	-.33287E-03	.10157E+00		-.25043E+06	.23022E+09	
	610.0	.00	-.10		-303630.76	61229501.71	
1	.03						-39145.00
	.0	.00	.10		-310846.10	61223522.97	
	610.0	-.33243E-03	-.10139E+00		-.36404E+06	-.14462E+09	
1	.03						-41428.08
	.0	-.29250E-03	.93272E-01		-.37062E+06	-.14462E+09	

ELEMENT FORCES

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE SHEAR MOMENT		1-3 PLANE SHEAR MOMENT		AXIAL TORQ
	610.0	-.29250E-03	-.85152E-01	-.42382E+06	-.38693E+09	
1	.03					-40006.79
	.0	-.38934E-02	.81732E+00	-.42973E+06	-.38694E+09	
	610.0	-.38934E-02	-.15577E+01	-.48293E+06	-.66530E+09	
1	-.07					-51052.28
	.0	.34770E+00	-.69958E+02	-.48821E+06	-.66530E+09	
	610.0	.34770E+00	.14214E+03	-.54141E+06	-.97934E+09	
1	10127.00					2096.99
	.0	.38455E+00	-.15346E+03	.43924E+06	-.97370E+09	
	610.0	.38455E+00	.81118E+02	.38604E+06	-.72199E+09	
1	10126.84					-7338.71
	.0	.32669E-01	-.95939E+01	.38155E+06	-.72199E+09	
	610.0	.32669E-01	.10334E+02	.32835E+06	-.50547E+09	
1	10126.79					-3934.22
	.0	.36270E-01	-.11067E+02	.32399E+06	-.50547E+09	
	610.0	.36270E-01	.11058E+02	.27079E+06	-.32406E+09	
1	10126.74					-2902.88
	.0	.36229E-01	-.11050E+02	.26649E+06	-.32406E+09	
	610.0	.36229E-01	.11050E+02	.21330E+06	-.17773E+09	
1	10126.69					-1782.54
	.0	.36195E-01	-.11043E+02	.20904E+06	-.17773E+09	
	610.0	.04	11.04	155846.18	-66436196.66	
1	10126.64					2441.20
	.0	.04	-11.65	151629.93	-66436286.04	
	610.0	.04	12.26	98431.83	9832547.72	
1	10126.68					14991.79
	.0	-.25	47.32	94198.13	9833532.32	
	610.0	-.25	-107.45	41000.03	51068972.68	
1	10886.59					-3282.11
	.0	-11.29	6273.99	3956.04	180792.90	
	233.3	-11.29	3640.16	-.02	642179.61	
	700.0	-11.29	-1630.04	-7915.96	-1205180.47	
1	.29					-984.48
	.0	.11	-69.04	4233.69	12550.72	
	249.6	.11	-40.70	-.02	540975.07	
	700.0	.11	10.43	-7638.31	-1179064.37	
1	-.00					89.50
	.0	.03	-11.29	4216.25	4223.77	
	248.6	.03	-4.36	-.02	528303.35	
	700.0	.03	8.21	-7655.75	-1199599.96	

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1	.00						425.99
	.0		.03	-11.88	4252.62	1120.35	
	250.7		.03	-4.70	-.02	534279.47	
	700.0		.03	8.16	-7619.38	-1177247.25	
1	.00						510.01
	.0		.03	-11.87	4299.41	1031.33	
	253.5		.03	-4.62	-.02	545987.47	
	700.0		.03	8.15	-7572.59	-1144582.82	
1	-.00						822.27
	.0		.03	-12.57	4356.24	3404.63	
	256.9		.03	-4.99	-.02	562863.09	
	700.0		.03	8.09	-7515.76	-1102427.04	
1	.35						1838.09
	.0		-.07	56.60	4495.46	-9428.88	
	265.1		-.07	37.16	-.02	586359.88	
	700.0		-.07	5.27	-7376.54	-1017807.33	
1	3.87						4022.76
	.0		13.67	-7561.93	6071.74	-750547.71	
	358.0		13.67	-2669.61	-.02	336303.82	
	700.0		13.67	2003.94	-5800.26	-655531.03	
1	-.35						5935.56
	.0		-.10	68.58	5284.93	-11038.67	
	311.6		-.10	36.79	-.02	812383.98	
	700.0		-.10	-2.83	-6587.07	-466786.94	
1	.00						6681.24
	.0		.00	-.59	5906.24	1421.40	
	348.2		.00	-.31	-.02	1029832.20	
	700.0		.00	-.04	-5965.76	-19409.21	
1	.00						6603.54
	.0		.00	.12	6580.53	-2283.14	
	388.0		.00	.06	-.02	1274349.00	
	700.0		.00	.02	-5291.47	448887.18	
1	.00						5978.79
	.0		.00	.11	7215.34	-4987.80	
	425.4		.00	.06	-.02	1529832.49	
	700.0		.00	.02	-4656.66	890548.89	
1	.00						5015.23
	.0		.00	.11	7767.41	-6611.02	
	458.0		.00	.06	-.02	1772064.04	
	700.0		.00	.03	-4104.59	1275375.98	
1	.00						3859.42

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
1	.00						425.99
		.0	.03	-11.88	4252.62	1120.35	
		250.7	.03	-4.70	-.02	534279.47	
		700.0	.03	8.16	-7619.38	-1177247.25	
1	.00						510.01
		.0	.03	-11.87	4299.41	1031.33	
		253.5	.03	-4.62	-.02	545987.47	
		700.0	.03	8.15	-7572.59	-1144582.82	
1	-.00						822.27
		.0	.03	-12.57	4356.24	3404.63	
		256.9	.03	-4.99	-.02	562863.09	
		700.0	.03	8.09	-7515.76	-1102427.04	
1	.35						1838.09
		.0	-.07	56.60	4495.46	-9428.88	
		265.1	-.07	37.16	-.02	586359.88	
		700.0	-.07	5.27	-7376.54	-1017807.33	
1	3.87						4022.76
		.0	13.67	-7561.93	6071.74	-750547.71	
		358.0	13.67	-2669.61	-.02	336303.82	
		700.0	13.67	2003.94	-5800.26	-655531.03	
1	-.35						5935.56
		.0	-.10	68.58	5284.93	-11038.67	
		311.6	-.10	36.79	-.02	812383.98	
		700.0	-.10	-2.83	-6587.07	-466786.94	
1	.00						6681.24
		.0	.00	-.59	5906.24	1421.40	
		348.2	.00	-.31	-.02	1029832.20	
		700.0	.00	-.04	-5965.76	-19409.21	
1	.00						6603.54
		.0	.00	.12	6580.53	-2283.14	
		388.0	.00	.06	-.02	1274349.00	
		700.0	.00	.02	-5291.47	448887.18	
1	.00						5978.79
		.0	.00	.11	7215.34	-4987.80	
		425.4	.00	.06	-.02	1529832.49	
		700.0	.00	.02	-4656.66	890548.89	
1	.00						5015.23
		.0	.00	.11	7767.41	-6611.02	
		458.0	.00	.06	-.02	1772064.04	
		700.0	.00	.03	-4104.59	1275375.98	
1	.00						3859.42

ELEMENT FORCES

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
		.0	.00	.11	8211.56	-7491.19	
	484.2		.00	.05	-.02	1980412.57	
	700.0		.00	.03	-3660.44	1585399.87	
1	.00						2606.13
		.0	.00	.11	8534.37	-7912.25	
	503.2		.00	.05	-.02	2139361.41	
	700.0		.00	.03	-3337.63	1810948.86	
1	.00						1310.31
		.0	.00	.11	8729.62	-8081.26	
	514.7		.00	.06	-.02	2238563.31	
	700.0		.00	.04	-3142.38	1947449.47	
1	.00						.00
		.0	.00	.11	8794.89	-8123.62	
	518.6		.00	.06	-.02	2272243.31	
	700.0		.00	.04	-3077.11	1993097.63	
1	.00						-1310.31
		.0	.00	.11	8729.61	-8081.26	
	514.7		.00	.06	-.02	2238563.08	
	700.0		.00	.04	-3142.39	1947449.15	
1	.00						-2606.13
		.0	.00	.11	8534.37	-7912.25	
	503.2		.00	.06	-.02	2139361.01	
	700.0		.00	.05	-3337.63	1810948.30	
1	.00						-3859.42
		.0	.00	.11	8211.56	-7491.18	
	484.2		.00	.07	-.02	1980412.10	
	700.0		.00	.05	-3660.44	1585399.18	
1	.00						-5015.23
		.0	.00	.11	7767.41	-6611.01	
	458.0		.00	.07	-.02	1772063.63	
	700.0		.00	.05	-4104.59	1275375.34	
1	.00						-5978.79
		.0	.00	.10	7215.34	-4987.79	
	425.4		.00	.07	-.02	1529832.25	
	700.0		.00	.06	-4656.66	890548.49	
1	.00						-6603.54
		.0	.00	.10	6580.53	-2283.14	
	388.0		.00	.07	-.02	1274348.99	
	700.0		.00	.06	-5291.47	448887.16	
1	.00						-6681.24
		.0	.00	.80	5906.24	1421.21	
	348.2		.00	.46	-.02	1029832.31	

E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI 700.0	1-2 PLANE SHEAR MOMENT		1-3 PLANE SHEAR MOMENT		AXIAL TORQ	
1	-.35	.0	.10	-68.51	5284.94	-11045.82	-5935.56
	311.6	.10	.10	-36.70	-.02	812380.88	
	700.0	.10	.10	2.93	-6587.06	-466784.97	
1	3.93	.0	-13.67	7567.16	6072.37	-750863.60	-4022.76
	358.0	-13.67	-13.67	2671.42	-.02	336213.65	
	700.0	-13.67	-13.67	-2004.40	-5799.63	-655405.59	
1	.35	.0	.05	-46.19	4495.47	-9436.03	-1838.10
	265.1	.05	.05	-33.30	-.02	586355.75	
	700.0	.05	.05	-12.15	-7376.53	-1017806.51	
1	-.00	.0	-.05	23.11	4356.24	3404.43	-822.28
	256.9	-.05	-.05	9.13	-.02	562862.78	
	700.0	-.05	-.05	-15.00	-7515.76	-1102427.56	
1	.00	.0	-.05	22.40	4299.41	1031.30	-510.03
	253.5	-.05	-.05	8.84	-.02	545987.41	
	700.0	-.05	-.05	-15.06	-7572.59	-1144582.93	
1	.00	.0	-.05	22.42	4252.62	1120.32	-426.00
	250.7	-.05	-.05	8.99	-.02	534279.59	
	700.0	-.05	-.05	-15.07	-7619.38	-1177246.87	
1	-.00	.0	-.05	21.83	4216.25	4223.75	-89.53
	248.6	-.05	-.05	8.71	-.02	528303.63	
	700.0	-.05	-.05	-15.13	-7655.75	-1199599.14	
1	.29	.0	-.14	79.58	4233.69	12550.86	984.45
	249.6	-.14	-.14	45.02	-.02	540975.55	
	700.0	-.14	-.14	-17.34	-7638.31	-1179063.29	
1	10886.68	.0	11.28	-6268.59	3956.02	180800.77	3282.08
	233.3	11.28	11.28	-3637.69	-.02	642184.00	
	700.0	11.28	11.28	1626.66	-7915.98	-1205183.00	
1	11074.76	.0	.00	-1005.76	5936.00	-976951.65	.06
	350.0	.00	.00	-1004.67	-.02	61849.75	
	700.0	.00	.00	-1003.58	-5936.00	-976948.84	

M E E L E M E N T F O R C E S

LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE SHEAR	1-2 PLANE MOMENT	1-3 PLANE SHEAR	1-3 PLANE MOMENT	AXIAL TORQ
1	.21						.06
		.0	.01	13.50	5936.00	-1171556.24	
		350.0	.01	16.73	-.02	-132755.91	
		700.0	.01	19.96	-5936.00	-1171555.57	
1	-.00						.06
		.0	.01	-4.30	5936.00	-1197518.17	
		350.0	.01	-1.05	-.02	-158718.57	
		700.0	.01	2.20	-5936.00	-1197518.97	
1	.00						.05
		.0	.01	-4.08	5936.00	-1176720.19	
		350.0	.01	-.83	-.02	-137921.32	
		700.0	.01	2.43	-5936.00	-1176722.45	
1	.00						.05
		.0	.01	-4.09	5936.00	-1144083.68	
		350.0	.01	-.84	-.02	-105285.42	
		700.0	.01	2.41	-5936.00	-1144087.17	
1	-.00						.05
		.0	.01	-3.83	5935.99	-1100235.92	
		350.0	.01	-.57	-.02	-61437.92	
		700.0	.01	2.68	-5936.01	-1100239.91	
1	.26						.05
		.0	.01	-25.10	5936.00	-1007173.83	
		350.0	.01	-21.73	-.02	31625.77	
		700.0	.01	-18.36	-5936.00	-1007174.64	
1	-7.92						.06
		.0	-.02	1188.27	5936.00	-675268.09	
		350.0	-.02	1182.17	-.02	363531.91	
		700.0	-.02	1176.07	-5936.00	-675268.10	
1	-.26						.04
		.0	-.00	-20.89	5936.01	-456971.35	
		350.0	-.00	-21.73	-.02	581831.42	
		700.0	-.00	-22.57	-5935.99	-456965.81	
1	.00						.04
		.0	-.00	.41	5936.01	-18199.47	
		350.0	-.00	-.58	-.02	1020602.50	
		700.0	-.00	-1.58	-5935.99	-18195.54	
1	.00						.03
		.0	-.00	.14	5936.00	447745.32	
		350.0	-.00	-.85	-.02	1486547.04	
		700.0	-.00	-1.85	-5936.00	447748.76	
1	.00						.02

M E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
	.0	-.00	.15	5936.00	888043.27	
	350.0	-.00	-.85	-.02	1926844.55	
	700.0	-.00	-1.84	-5936.00	888045.83	
1	.00					.02
	.0	-.00	.15	5936.00	1272062.18	
	350.0	-.00	-.84	-.02	2310863.01	
	700.0	-.00	-1.84	-5936.00	1272063.84	
1	.00					.02
	.0	-.00	.15	5936.00	1581649.13	
	350.0	-.00	-.84	-.02	2620449.59	
	700.0	-.00	-1.84	-5936.00	1581650.04	
1	.00					.01
	.0	-.00	.16	5936.00	1806989.90	
	350.0	-.00	-.84	-.02	2845790.09	
	700.0	-.00	-1.83	-5936.00	1806990.29	
1	.00					.01
	.0	-.00	.16	5936.00	1943407.39	
	350.0	-.00	-.84	-.02	2982207.43	
	700.0	-.00	-1.83	-5936.00	1943407.47	
1	.00					.00
	.0	-.00	.16	5936.00	1989034.85	
	350.0	-.00	-.83	-.02	3027834.81	
	700.0	-.00	-1.83	-5936.00	1989034.78	
1	.00					-.00
	.0	-.00	.16	5936.00	1943407.08	
	350.0	-.00	-.83	-.02	2982207.02	
	700.0	-.00	-1.83	-5936.00	1943406.97	
1	.00					-.01
	.0	-.00	.17	5936.00	1806989.33	
	350.0	-.00	-.83	-.02	2845789.29	
	700.0	-.00	-1.82	-5936.00	1806989.24	
1	.00					-.01
	.0	-.00	.17	5936.00	1581648.45	
	350.0	-.00	-.83	-.02	2620448.43	
	700.0	-.00	-1.82	-5936.00	1581648.41	
1	.00					-.02
	.0	-.00	.17	5936.00	1272061.54	
	350.0	-.00	-.82	-.02	2310861.56	
	700.0	-.00	-1.82	-5936.00	1272061.57	
1	.00					-.03
	.0	-.00	.18	5936.00	888042.87	
	350.0	-.00	-.82	-.02	1926842.91	

ME ELEMENT FORCES

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
	700.0	SHEAR	MOMENT	SHEAR	MOMENT	
1	.00	-.00	-1.81	-5936.00	888042.95	
	.0	-.00	.18	5936.00	447745.31	-.03
	350.0	-.00	-.81	-.02	1486545.38	
	700.0	-.00	-1.81	-5936.00	447745.44	
1	.00	-.00	-.09	5936.00	-18199.00	-.04
	.0	-.00	-.09	5936.00	-18199.00	
	350.0	-.00	-1.08	-.02	1020601.07	
	700.0	-.00	-2.08	-5936.00	-18198.85	
1	-.26	-.00	21.17	5936.00	-456968.53	-.05
	.0	-.00	21.17	5936.00	-456968.53	
	350.0	-.00	20.13	-.02	581831.49	
	700.0	-.00	19.10	-5936.00	-456968.50	
1	-7.92	-.01	-1183.24	5936.00	-675246.08	-.05
	.0	-.01	-1183.24	5936.00	-675246.08	
	350.0	-.01	-1188.16	-.02	363553.45	
	700.0	-.01	-1193.08	-5936.00	-675247.02	
1	.26	-.03	28.99	5936.00	-1007172.21	-.06
	.0	-.03	28.99	5936.00	-1007172.21	
	350.0	-.03	20.13	-.02	31627.73	
	700.0	-.03	11.27	-5936.00	-1007172.32	
1	-.00	-.03	7.81	5936.00	-1100236.42	-.07
	.0	-.03	7.81	5936.00	-1100236.42	
	350.0	-.03	-1.09	-.02	-61436.40	
	700.0	-.03	-9.99	-5936.00	-1100236.38	
1	.00	-.03	8.07	5936.00	-1144083.82	-.07
	.0	-.03	8.07	5936.00	-1144083.82	
	350.0	-.03	-.83	-.02	-105283.80	
	700.0	-.03	-9.73	-5936.00	-1144083.77	
1	.00	-.03	8.06	5936.00	-1176719.83	-.08
	.0	-.03	8.06	5936.00	-1176719.83	
	350.0	-.03	-.84	-.02	-137919.89	
	700.0	-.03	-9.74	-5936.00	-1176719.95	
1	-.00	-.03	8.28	5936.00	-1197517.38	-.08
	.0	-.03	8.28	5936.00	-1197517.38	
	350.0	-.03	-.62	-.02	-158717.67	
	700.0	-.03	-9.52	-5936.00	-1197517.96	
1	.21	-.03	-9.53	5936.00	-1171555.19	-.08
	.0	-.03	-9.53	5936.00	-1171555.19	
	350.0	-.03	-18.40	-.02	-132755.89	
	700.0	-.03	-27.26	-5936.00	-1171556.58	

M E E L E M E N T F O R C E S

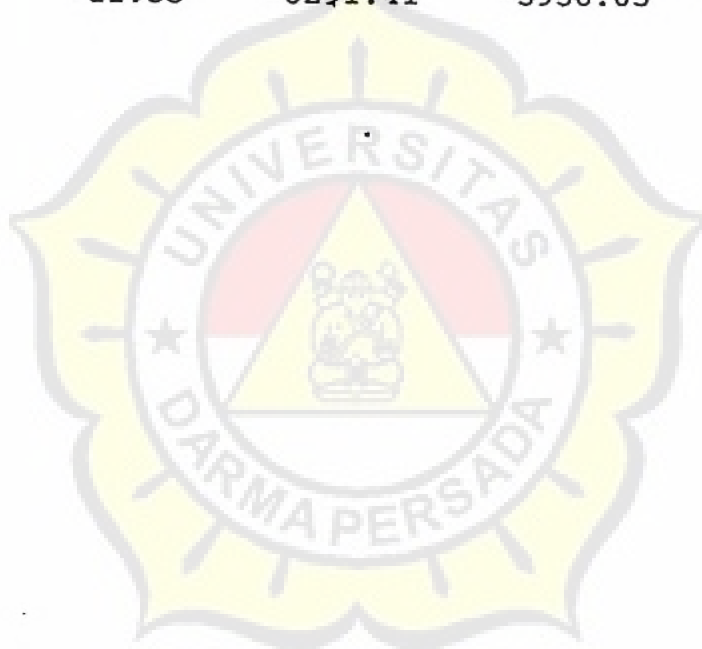
LOAD COND	AXIAL FORCE	DIST ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
			SHEAR	MOMENT	SHEAR	MOMENT	
		.0	.00	-1.95	5965.75	-19405.37	
		351.8	.00	-1.21	-.02	1029834.03	
		700.0	.00	-.49	-5906.25	1421.22	
1	.00						-6603.48
		.0	.00	-1.89	5291.47	448890.56	
		312.0	.00	-.95	-.02	1274350.89	
		700.0	.00	.22	-6580.53	-2283.11	
1	.00						-5978.73
		.0	.00	-1.89	4656.66	890551.40	
		274.6	.00	-1.06	-.02	1529834.04	
		700.0	.00	.21	-7215.34	-4987.75	
1	.00						-5015.18
		.0	.00	-1.88	4104.59	1275377.59	
		242.0	.00	-1.16	-.02	1772065.11	
		700.0	.00	.21	-7767.41	-6610.96	
1	.00						-3859.38
		.0	.00	-1.88	3660.44	1585400.73	
		215.8	.00	-1.24	-.02	1980413.18	
		700.0	.00	.21	-8211.56	-7491.13	
1	.00						-2606.10
		.0	.00	-1.88	3337.63	1810949.20	
		196.8	.00	-1.29	-.02	2139361.68	
		700.0	.00	.21	-8534.37	-7912.19	
1	.00						-1310.30
		.0	.00	-1.87	3142.38	1947449.50	
		185.3	.00	-1.32	-.02	2238563.34	
		700.0	.00	.21	-8729.62	-8081.21	
1	.00						.01
		.0	.00	-1.87	3077.11	1993097.51	
		181.4	.00	-1.33	-.02	2272243.23	
		700.0	.00	.21	-8794.89	-8123.56	
1	.00						1310.31
		.0	.00	-1.87	3142.39	1947448.99	
		185.3	.00	-1.32	-.02	2238562.97	
		700.0	.00	.20	-8729.61	-8081.20	
1	.00						2606.11
		.0	.00	-1.86	3337.63	1810948.15	
		196.8	.00	-1.28	-.02	2139360.92	
		700.0	.00	.20	-8534.37	-7912.19	
1	.00						3859.39
		.0	.00	-1.86	3660.44	1585399.08	
		215.8	.00	-1.22	-.02	1980412.05	

ELEMENT FORCES

LOAD COND	AXIAL FORCE 700.0	DIST ENDI 700.0	1-2 PLANE SHEAR .00	MOMENT .20	1-3 PLANE SHEAR -8211.56	MOMENT -7491.12	AXIAL TORQ
1	.00	.0	.00	-1.86	4104.59	1275375.31	5015.19
	242.0	.0	.00	-1.15	-.02	1772063.62	
	700.0	.0	.00	.20	-7767.41	-6610.95	
1	.00	.0	.00	-1.85	4656.66	890548.51	5978.74
	274.6	.0	.00	-1.05	-.02	1529832.29	
	700.0	.0	.00	.20	-7215.34	-4987.73	
1	.00	.0	.00	-1.85	5291.47	448887.22	6603.48
	312.0	.0	.00	-.94	-.02	1274349.06	
	700.0	.0	.00	.19	-6580.53	-2283.07	
1	.00	.0	.00	-1.79	5965.76	-19408.73	6681.16
	351.8	.0	.00	-.44	-.02	1029832.38	
	700.0	.0	.00	.90	-5906.24	1421.29	
1	-.35	.0	-.10	1.06	6587.06	-466785.00	5935.47
	388.4	.0	-.10	-37.48	-.02	812381.06	
	700.0	.0	-.10	-68.40	-5284.94	-11045.49	
1	4.00	.0	13.62	-1991.09	5799.66	-655411.23	4022.65
	342.0	.0	13.62	2667.30	-.02	336216.73	
	700.0	.0	13.62	7544.67	-6072.34	-750851.38	
1	.35	.0	-.15	16.12	7376.53	-1017806.67	1837.97
	434.9	.0	-.15	-50.26	-.02	586355.90	
	700.0	.0	-.15	-90.71	-4495.47	-9435.70	
1	-.00	.0	-.05	13.30	7515.76	-1102427.58	822.14
	443.1	.0	-.05	-8.67	-.02	562862.81	
	700.0	.0	-.05	-21.40	-4356.24	3404.49	
1	.00	.0	-.05	13.24	7572.59	-1144582.93	509.88
	446.5	.0	-.05	-9.31	-.02	545987.43	
	700.0	.0	-.05	-22.11	-4299.41	1031.34	
1	.00	.0	-.05	13.23	7619.38	-1177247.01	425.86
	449.3	.0	-.05	-9.44	-.02	534279.55	
	700.0	.0	-.05	-22.09	-4252.62	1120.34	

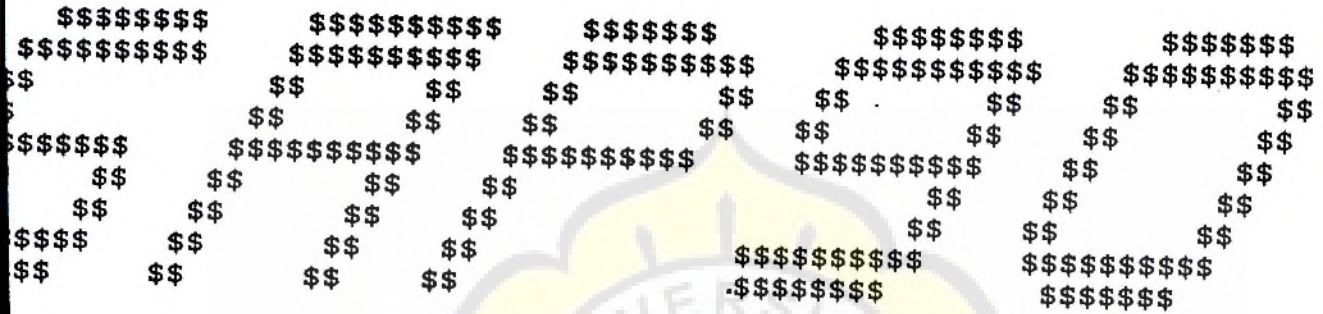
E E L E M E N T F O R C E S

LOAD COND	AXIAL DIST FORCE ENDI	1-2 PLANE		1-3 PLANE		AXIAL TORQ
		SHEAR	MOMENT	SHEAR	MOMENT	
1	-.00					89.38
	.0	-.05	13.18	7655.75	-1199599.74	
	451.4	-.05	-9.95	-.02	528303.41	
	700.0	-.05	-22.68	-4216.25	4223.74	
1	.29					-984.60
	.0	.03	10.93	7638.31	-1179064.68	
	450.4	.03	26.46	-.02	540974.88	
	700.0	.03	35.06	-4233.69	12550.59	
1	10886.61					-3282.22
	.0	-11.33	1640.05	7915.95	-1205179.36	
	466.7	-11.33	-3648.47	-.02	642177.13	
	700.0	-11.33	-6291.41	-3956.05	180788.64	



LAMPIRAN 3

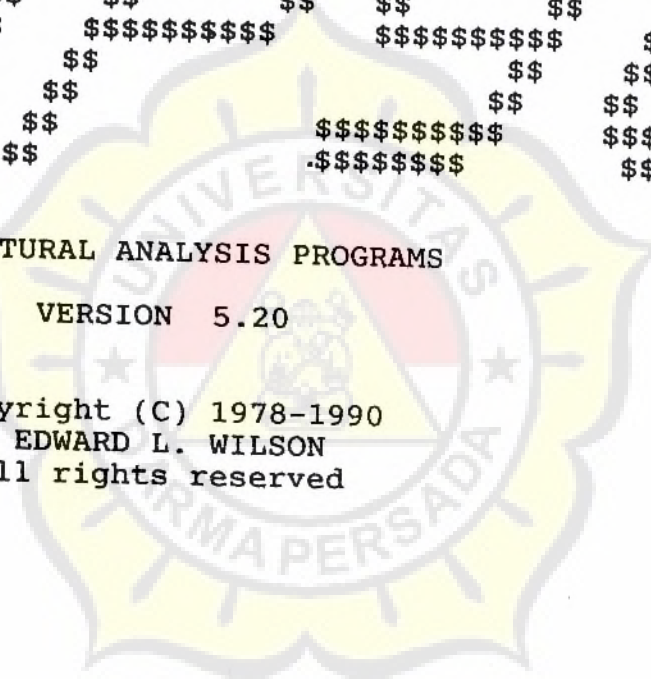
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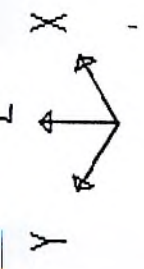


STRUCTURAL ANALYSIS PROGRAMS

VERSION 5.20

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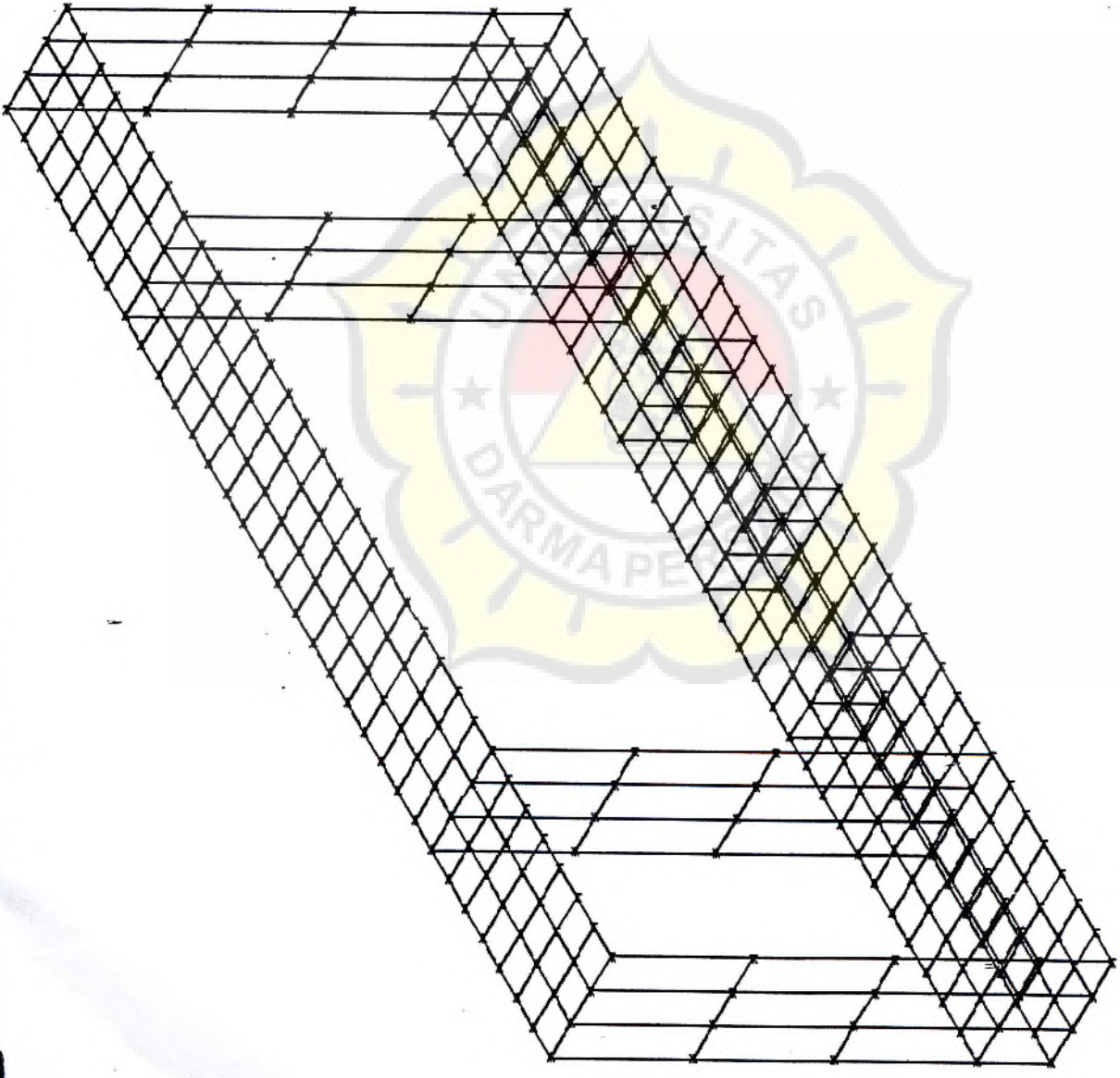


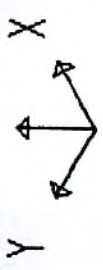


midship
UNDEFORMED
SHAPE

OPTIONS
ALL JOINTS
WIRE FRAME

SAP90

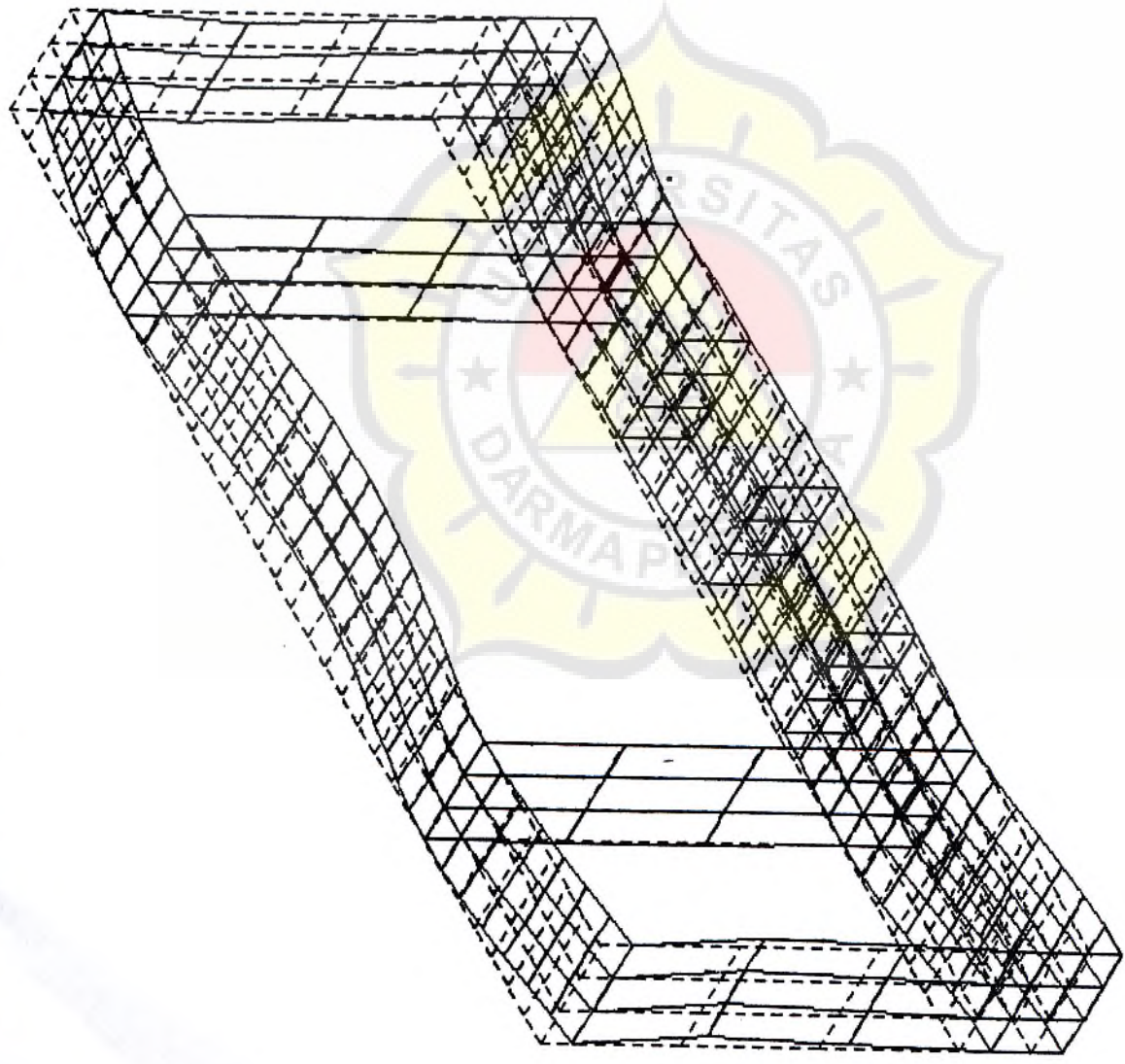




MIDSHIP
DEFORMED
SHAPE
LOAD 1

MINIMA
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Y -.3446E-05
Z -.9883E+00
MAXIMA
X .3132E+00
Y .2810E-05
Z .0000E+00

SAP90

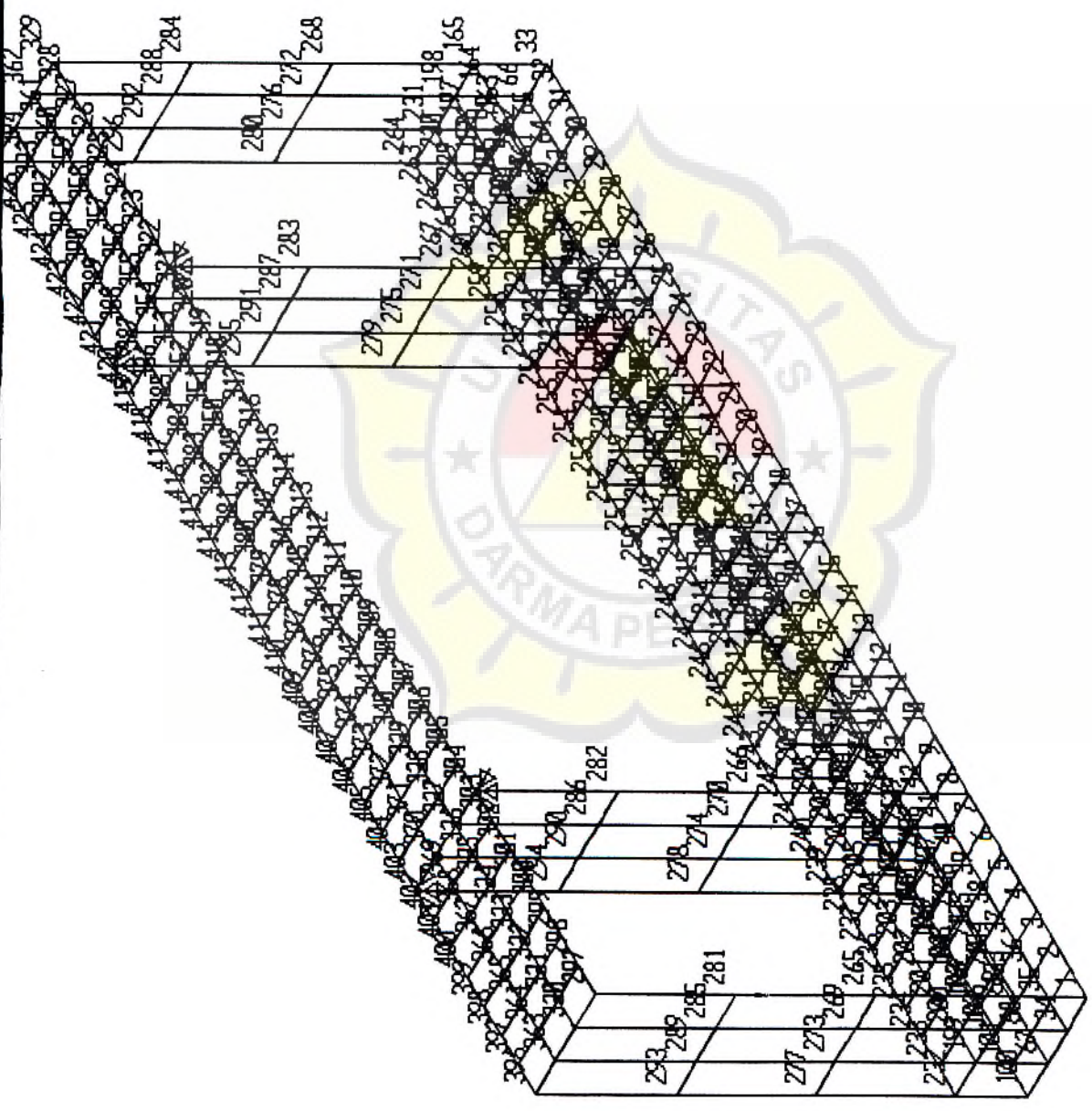




midship
UNDEFORMED
SHAPE

OPTIONS
JOINT IDS
RESTRAINTS
WIRE FRAME

SAP90





LEMBAR ASISTENSI TUGAS AKHIR

(KP 4239)

Nama : Montasir
NIM : 97310005

Judul :

**PERHITUNGAN DEFLEKSI YANG TERJADI PADA PENGANGKATAN BLOK *MIDSHIP*
KAPAL TANKER 5500 *DWT* DENGAN MENGGUNAKAN *SAP 90***

No.	Hari/Tanggal	Materi	Paraf
01.	Senin 05 Agst. 2002.	Terus ke pd perhitungan.	
02.	Rabu 14 Agst 2002	Tulis Nomenklatur smpn S-I.	

Jakarta, 14-8/2002

Dosen Pembimbing



(DR. H. Abdul Hamid, M.Eng.)

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