

LOAD-TIME DEPENDENT
RELAXATION OF RESIDUAL STRESSES
IN AN ALUMINUM TEST
SPECIMEN

June 1977

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AEROSPACE STRUCTURES
INFORMATION AND ANALYSIS CENTER

OPERATED FOR THE AIR FORCE FLIGHT DYNAMICS LABORATORY
BY ANAMET LABORATORIES, INC.

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This report documents an analysis performed for the Air Force Flight Dynamics Laboratory by the Aerospace Structures Information and Analysis Center, which is operated for the Air Force by Anamet Laboratories, Inc., under Contract No. F33615-75-C-3089. This work was designated as Problem No. 49. The AFFDL project monitor was J. R. Johnson.

Prepared by:

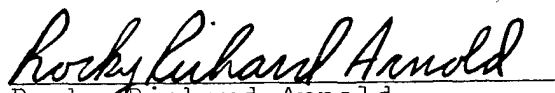

Rocky Richard Arnold

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I. INTRODUCTION

The analysis presented in this report is concerned with the effect of residual stresses on the life-lengthening of structural members. In particular, it has been observed that in specimens subjected to compressive residual stresses, which occur as a result of plastic deformation at a stress concentration, the life of the specimen is extended (Ref. 1-4). However, in some later tests involving both load and time effects, the residual compressive stresses have been shown to shorten the specimen lifetime (Ref. 5). This apparent contradiction is no doubt due to the complex phenomenological behavior of the material which is not very well understood at the present time.

To better understand the material behavior as discussed briefly above (and referred to as load-time dependent relaxation of residual stresses) an analytical approach has been developed to complement the existing experimental approaches. The techniques involved and the results of this analysis are presented in Section II. The conclusions and recommendations are presented in Section III. The supporting documentation for this analysis is included in the Appendices.

II. DISCUSSION OF RESULTS

The test specimen made of aluminum 7075 T651 (bare) and shown in Figure 1 has been used in this analysis. Creep test data for this specimen geometry and material have been made available to ASIAC (Ref. 6). To analyze this specimen the computer code CREEP-PLAST (Ref. 7) has been used. CREEP-PLAST is a two-dimensional finite element code for the creep and plasticity analysis of metal structures operating at high temperatures.

CREEP-PLAST considers instantaneous time-independent elastic-plastic and time-dependent creep simultaneously in an incremental procedure which requires the user to select his own discrete time and/or load increments. The method of calculation is based on the assumption that the total strain at any instant consists of elastic, plastic, and creep parts with essentially no interdependence between the plastic and creep components. The program is capable of predicting deformations, stresses, and total accumulated strains as functions of time and/or load for user specified thermal and mechanical loadings which can be varied independently.

A more detailed discussion of the capabilities of the CREEP-PLAST code can be found in Ref. 7.

For the prediction of creep strains, the user must first specify the creep strain as a function of the three parameters ϵ_t , $\dot{\epsilon}_m$ and r , which are then used in the following relation:

$$\epsilon_c = \epsilon_t(1 - e^{-rt}) + \dot{\epsilon}_m t$$

where

ϵ_t = limiting primary creep strain

r = exponential term in primary creep term

$\dot{\epsilon}_m$ = secondary creep strain rate

ϵ_c = creep strain

t = time

Note: All dimensions are in inches.

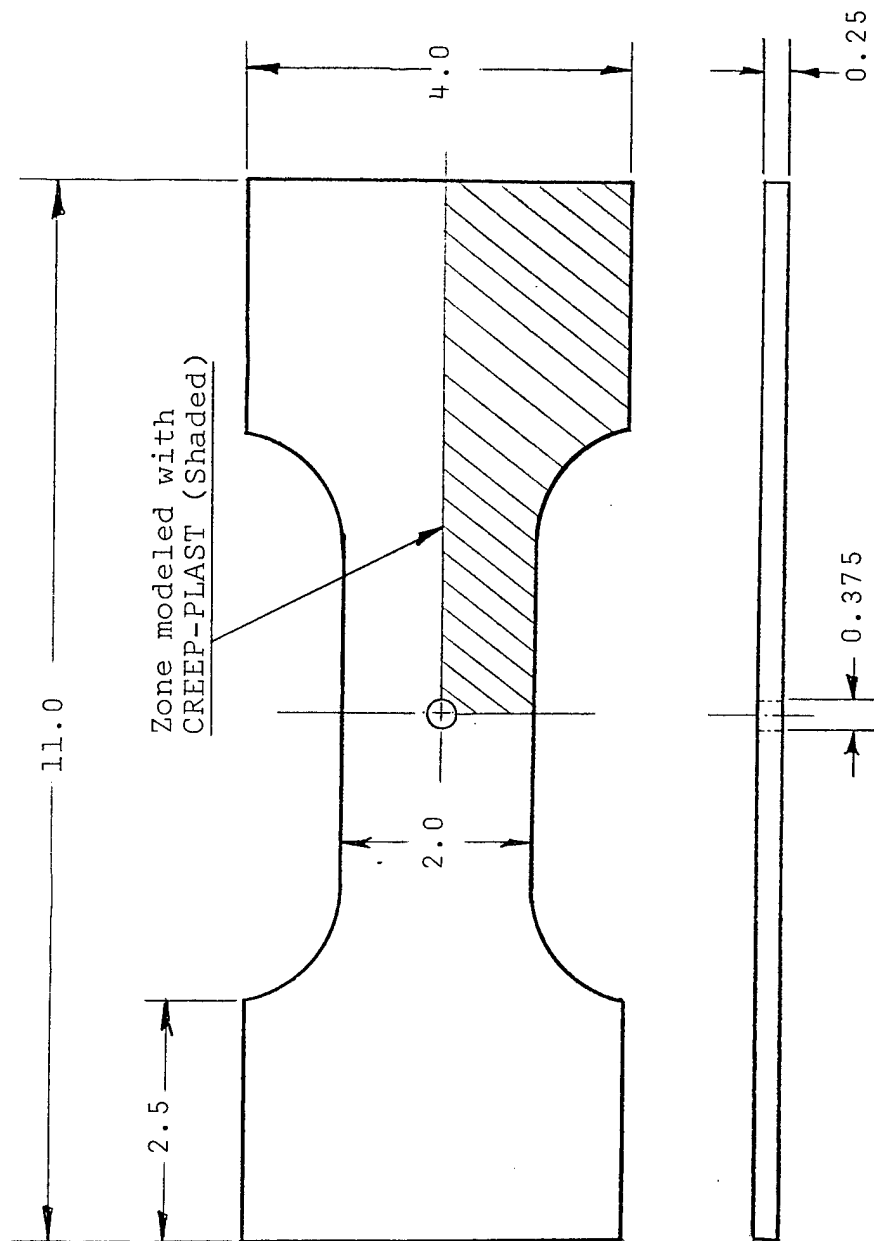


Figure 1 Aluminum 7075 T651 (Bare) Test Specimen Geometry

Once the quantities ϵ_t , $\dot{\epsilon}_m$ and r have been determined for each creep test at a different stress level it is necessary to express these quantities (ϵ_t , $\dot{\epsilon}_m$ and r) as functions of the stress level. The actual creep test data reduction and procedures required to determine ϵ_t , $\dot{\epsilon}_m$ and r as a function of the stress level are explained fully in Appendix A. The implementation of these relations just discussed requires that the user modify Subroutine SHIFT in CREEP-PLAST. The modifications to Subroutine SHIFT are included in Appendix B.

Also it is necessary to express the tangent modulus as a function of the stress level. To do this a representative stress-strain curve from MIL-HDBK-5 has been used. This stress-strain curve is then fitted with a polynomial of the form

$$\epsilon = a + b\sigma + c\sigma^2 + d\sigma^3$$

from which the tangent modulus (E_t) is derived.

$$\frac{\partial \epsilon}{\partial \sigma} = \frac{1}{E_t} = b + 2c\sigma + 3d\sigma^2$$

The actual procedure is discussed more fully in Appendix B. Also in Appendix B is a listing of Subroutine MATCON which the user must modify by incorporating the tangent modulus as a function of the stress.

The finite element model (Figure 2) considers only one-quarter of the specimen geometry (See Figure 1) since symmetry can be used to reduce the problem size. The boundary conditions, coordinate axis, and loading are also indicated in Figure 2. Appendix C contains several enlarged areas of Figure 2 along with element and node numbers for the convenience of the reader.

The input data echo from CREEP-PLAST is contained in Appendix D. Appendix D, along with Appendix C provides a complete description of the finite element model.

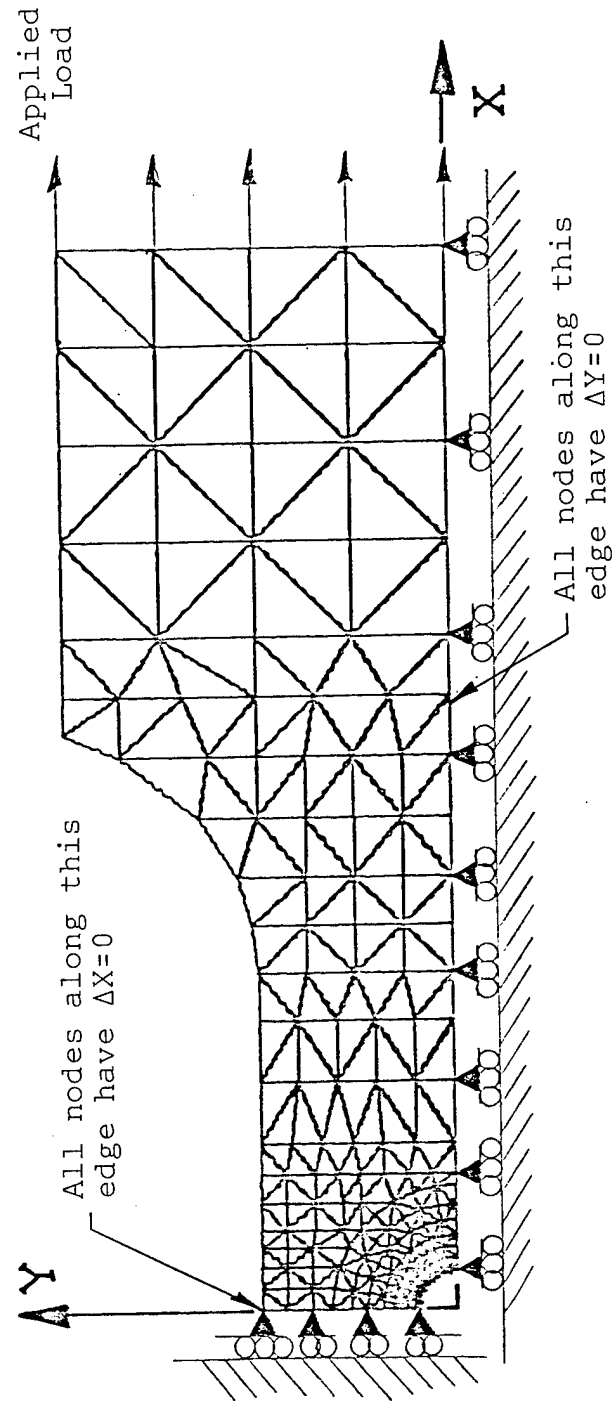


Figure 2 CREEP-PLAST Finite Element Model with Boundary Conditions

The particular load-time history used in this analysis is shown in Figure 3. The temperature was assumed to be a constant 85°F throughout the analyses.

Since the CREEP-PLAST finite element code can handle only mono-modulus (that is, either tension or compression, but not both) type properties, it was necessary to choose either tension or compression creep properties for the analysis. The material constants used in the elastic constitutive relations (i.e., E , ν) are very nearly the same for tension and compression, however, as can be seen from Figures A-1 and A-2 of Appendix A, the creep behavior in tension or compression is quite different. Since the important material behavior of load-time dependent relaxation of residual stresses occurs as a result of an applied tensile load, it was somewhat arbitrarily decided to use the creep properties corresponding to the 85°F tension creep tests. In examining the impact of this decision on the results of this analysis, it can generally be concluded that the significant effect of load-time dependent relaxation of residual stresses will still be observed, however, the magnitude of total strain relaxation may be different. In particular note that load-time dependent relaxation of residual stresses will occur in a relatively short time period and thus the secondary creep term ($\dot{\epsilon}_{mt}$) will be negligible. Also note that the primary creep rate (r) is the same for tension and compression. Thus the difference between tension and compression creep behavior for small time is due to the quantity ϵ_t . This quantity effects the amount of residual strain relaxation, not the rate. Thus even though the choice of tension creep properties is somewhat arbitrary the basic conclusions will remain the same.

An examination of the first iteration, which is an elastic solution, shows that the stress concentration factor is approximately 2.5, which compares favorably with theoretical derivations for the stress concentration factor.

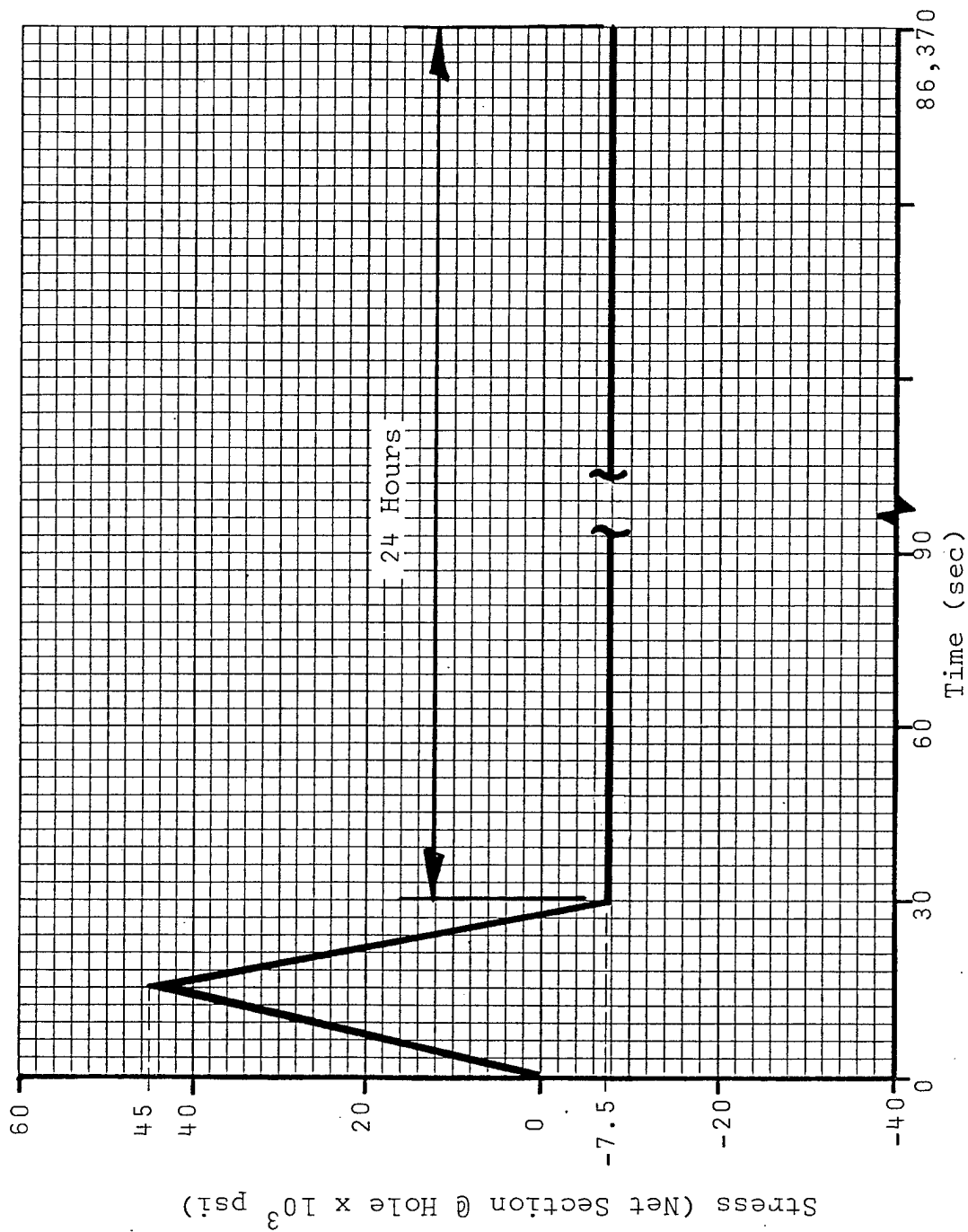


Figure 3 Applied Loading/Unloading Sequence

A plot of the total strain (TOTAL = ELASTIC + PLASTIC + CREEP) is shown in Figure 4 for $t < 87,000$ sec. It is observed that from about $t = 30$ sec. to $t = 6000$ sec., that load-time dependent relaxation of residual stress occurs. In particular at $t = 30$ sec. (start of continuously applied compressive load) the total (effective) strain is 8310μ in/in. At $t = 6000$ sec., the effective strain is 2682μ in/in. From $t = 6000$ sec., the behavior is quite clearly a result of creep strain under a compressive load with both primary and secondary creep in evidence.

The CREEP-PLAST code does not print out accumulated creep strain, however, shown in Figure 5 is a plot of the elastic strain and the non-elastic (plastic and creep) strain for the time period involved. After the initial relaxation period the accumulated strain is primarily due to creep. Appendix E contains the CREEP-PLAST code computer output for selected times.

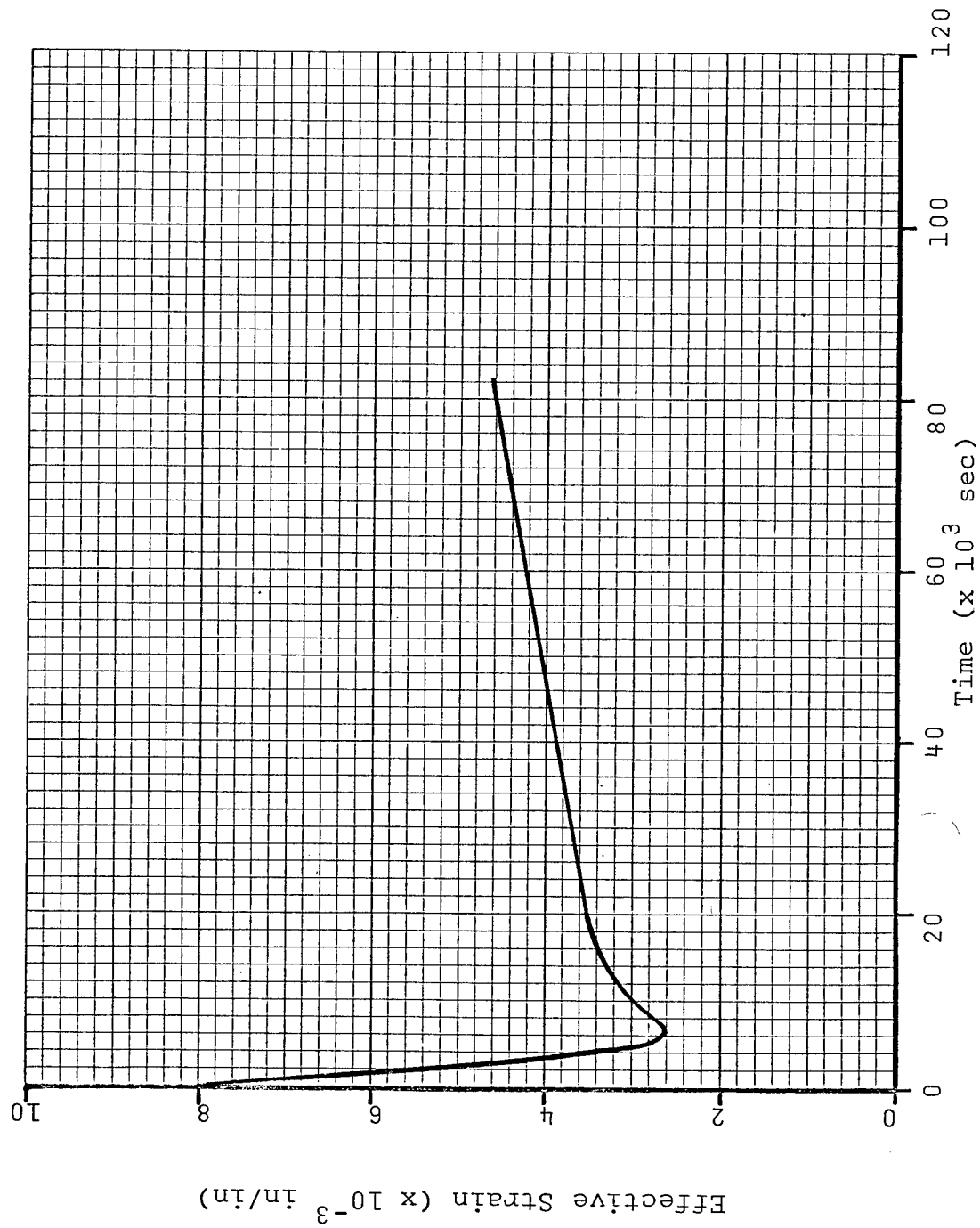
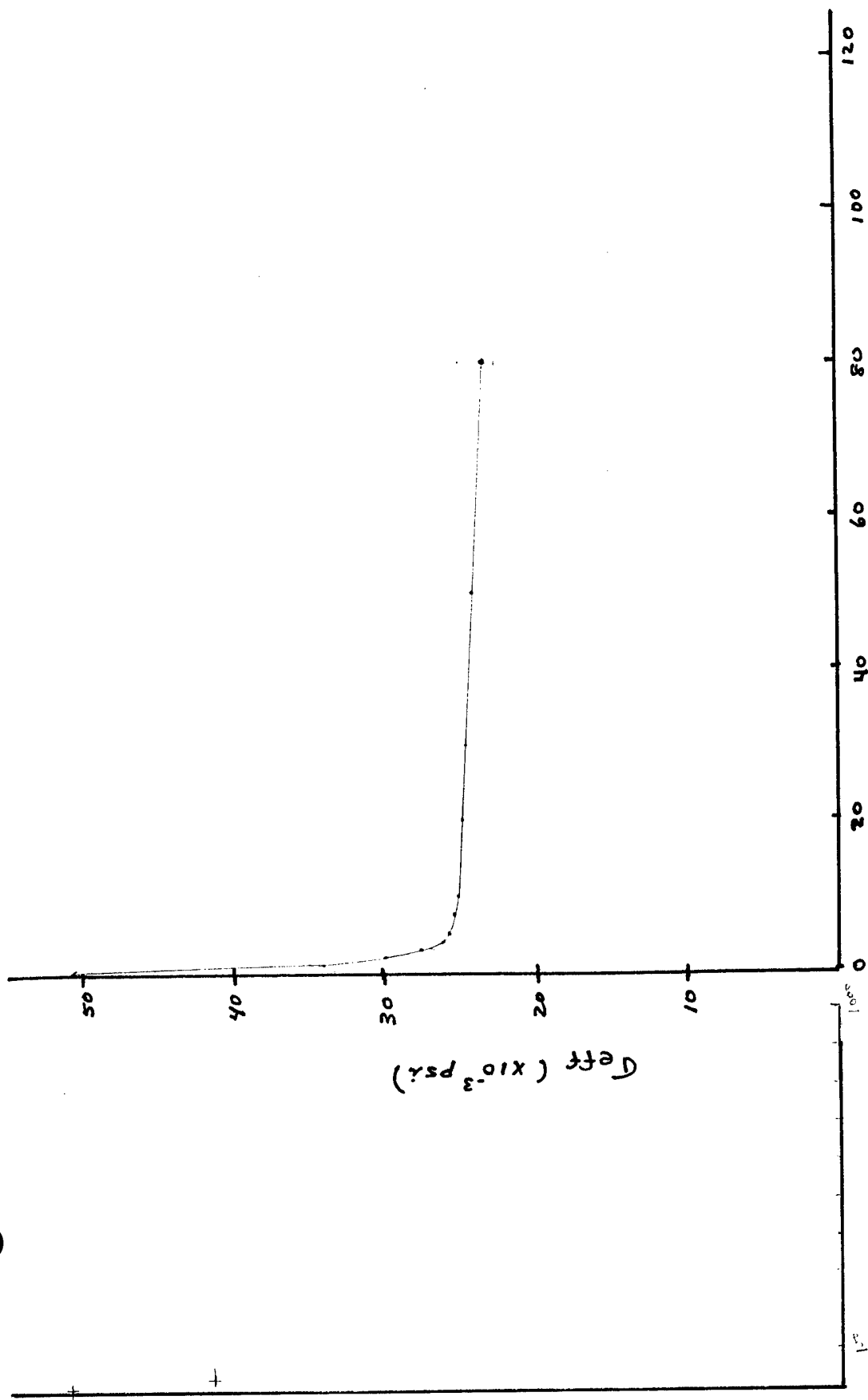


Figure 4 Total Stress at Center Hole as a Function of Time



Time (10^3 sec)

Total effective stress at center hole
as a function of time

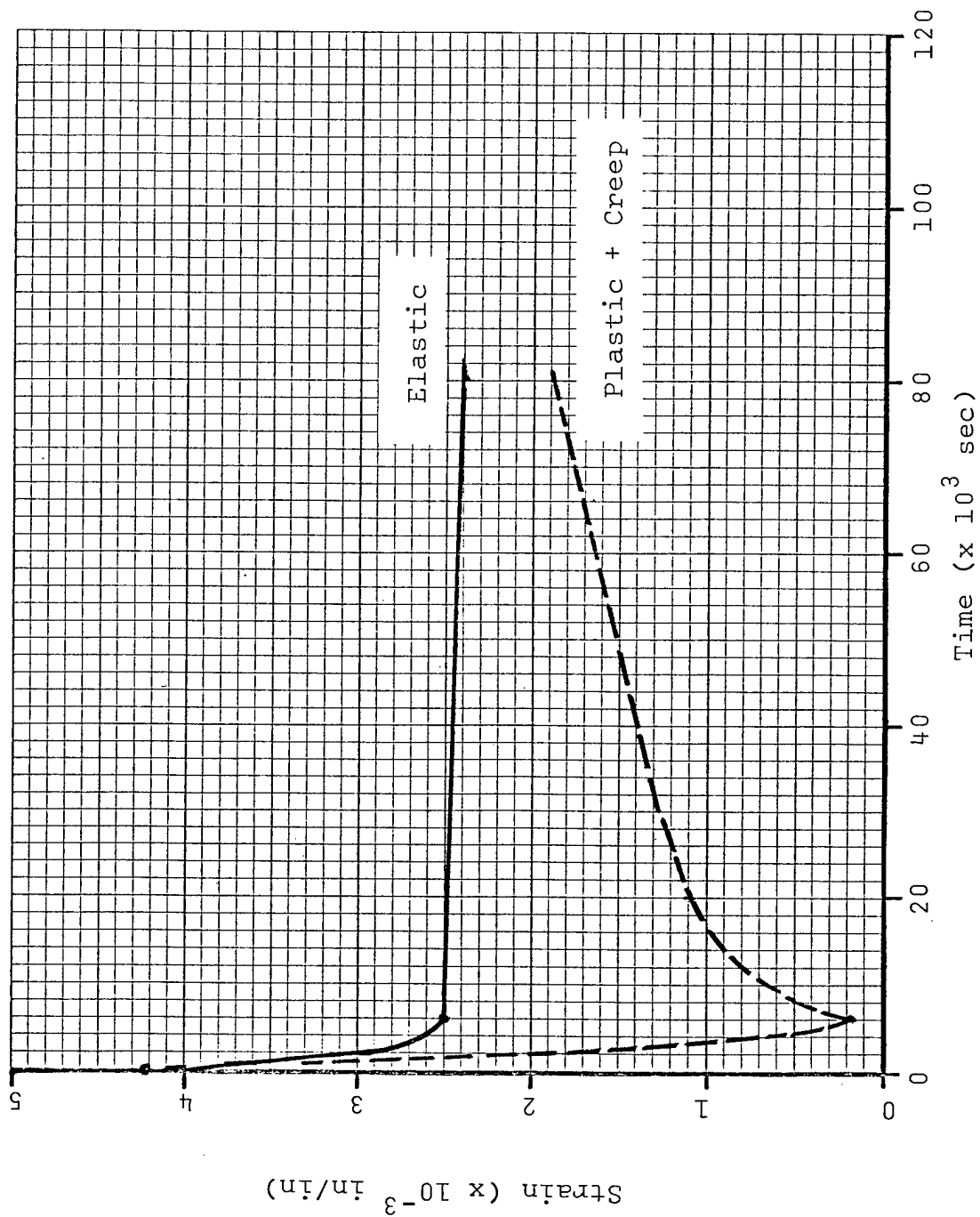


Figure 5 Elastic and Non-elastic (creep and plastic) Strain at Center Hole as a Function of Time

III. CONCLUSIONS AND RECOMMENDATIONS

The analytical technique and results presented herein for the load-time dependent relaxation of residual stresses in an aluminum test specimen has been shown to be a valuable addition to the experimental work previously done in this area. This analysis is essentially a demonstration of the value of using an analytical approach in order to gain a better understanding of complex material behavior. However, as in all efforts of this nature, it is possible to improve the results.

Specifically, the following recommendations are made:

- (1) Determine by test within the same specimen lots the actual nonlinear stress-strain curve. Thus, creep test data will have an associated stress-strain curve. In this manner differences between handbook data (i.e., MIL-HDBK-5) and the actual specimen behavior are excluded from the analysis.
- (2) Utilize linear regression analysis to minimize any curve-fitting errors.
- (3) Consider code modifications to CREEP-PLAST in order to handle tension and compression properties. At the moment there is not a unified theory that considers the combined effects of multiaxial stresses and the effect on creep properties, so any modifications at this point would be somewhat empirical in nature.
- (4) Consider the possibility of load-time-temperature dependent relaxation of residual stresses. Such a consideration would involve a larger testing matrix to establish property trends as a function of temperature.

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APPENDIX A

REDUCTION OF CREEP TEST DATA
FROM
ALUMINUM 7075 T651 TEST SPECIMEN

The creep test data (Ref. 6) used to establish the creep strain relations for CREEP-PLAST are shown in Tables A-1 through A-15. This data is for aluminum (7075 T651 bare) at two different temperatures (85°F and 135°F) and for varying stress levels in tension and compression. Since the current version of CREEP-PLAST can handle only mono-modulus type properties, only the 85°F tension creep test data is reduced and utilized in this analysis.

CREEP-PLAST requires that the creep strains be expressible in the following form:

$$\epsilon_c = \epsilon_t(1 - e^{-rt}) + \dot{\epsilon}_m t$$

where

ϵ_c = creep strain

ϵ_t = limiting creep strain for primary creep

r = exponential rate term

$\dot{\epsilon}_m$ = secondary creep strain rate

t = time

The quantities ϵ_t , $\dot{\epsilon}_m$ and r must be expressed as a function of the stress level for use in Subroutines MATCON and SHIFT (See Appendix B).

The first step in the data reduction is to plot the data of Tables A-1 through A-15. This plotting has been shown in Figures A-1 and A-2 along with the fitted curve used in CREEP-PLAST. To facilitate the determination of the quantities ϵ_t , $\dot{\epsilon}_m$ and r , the secondary creep strain rate has been estimated visually from Figures A-1 and A-2. By choosing two points in the primary creep region--say (ϵ_{c_1}, t_1) and (ϵ_{c_2}, t_2) --then two simultaneous equations can be

used to determine ϵ_t and r , thus,

$$\epsilon_{c_1} = \epsilon_t (1 - e^{-rt_1}) + \dot{\epsilon}_m t_1$$

$$\epsilon_{c_2} = \epsilon_t (1 - e^{-rt_2}) + \dot{\epsilon}_m t_2$$

from which, by trial and error, r can be found from

$$\frac{1 - e^{-rt_1}}{1 - e^{-rt_2}} = \frac{\epsilon_{c_1} - \dot{\epsilon}_m t_1}{\epsilon_{c_2} - \dot{\epsilon}_m t_2}$$

Knowing r , then ϵ_t can be found quite easily.

Although other methods for determining ϵ_t , $\dot{\epsilon}_m$ and r can be used (i.e., regression analysis to minimize error) this approach is sufficiently accurate for the purposes of this analysis.

The quantities ϵ_t , $\dot{\epsilon}_m$ and r , determined by the above approach, are shown in Table A-16.

Next, it is necessary to express the quantities ϵ_t , $\dot{\epsilon}_m$ and r as functions of stress. This was accomplished by assuming that either a straight line or a functional of the form

$$\epsilon_t, \dot{\epsilon}_m, r = a + b\sigma + c\sigma^2 + d\sigma^3$$

can be used to give an adequate fit to the data. The curves, along with the data points from Table A-16 are shown in Figure A-3. Since the trend for r is not well defined, a value of $r = 2.0 \times 10^{-4}/\text{sec}$ was used. The final equations are listed below (and are also included in Appendix B) for use in subroutines MATCON and SHIFT of the CREEP-PLAST code:

$$\sigma \leq 43,000 \text{ psi.} \quad \dot{\epsilon}_m = (6.325 \times 10^{-9})\sigma$$

$$43,000 < \sigma \leq 66,000 \text{ psi.} \quad \dot{\epsilon}_m = ((6.025 \times 10^{-9}) \\ + (6.569 \times 10^{-13})(\sigma - 43,000) + (2.668 \times 10^{-20}) \\ \times (\sigma - 43,000)^2)(\sigma - 43,000) + 2.591 \times 10^{-4}$$

$$66,000 < \sigma \leq 71,000 \text{ psi.} \quad \dot{\epsilon}_m = ((3.628 \times 10^{-8}) \\ + (2.293 \times 10^{-11})(\sigma - 66,000))(\sigma - 66,000) + 7.455 \times 10^{-4}$$

$$\sigma > 71,000 \quad \dot{\epsilon}_m = (1.8 \times 10^{-6})(\sigma - 71,000) + 1.5 \times 10^{-3}$$

$$\sigma \leq 66,000 \quad \epsilon_t = (2.045 \times 10^{-3})\sigma$$

$$66,000 < \sigma \leq 72,000 \quad \epsilon_t = ((2.045 \times 10^{-3}) + (3.875 \times 10^{-7}) \\ \times (\sigma - 66,000) + (2.041 \times 10^{-9})(\sigma - 66,000)^2)(\sigma - 66,000) + 135$$

$$\sigma > 72,000 \quad \epsilon_t = (2.271 \times 10^{-1})(\sigma - 72,000) + 602.1$$

$$\text{for all } \sigma \geq 0 \quad r = 2.0 \times 10^{-4} / \text{sec}$$

TABLE A-1 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 85°F. STRESS = 30,000 psi. Compressive

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
10	4	54000	60
30	8	57600	68
60	8	61200	72
120	12	64800	76
180	12	68400	80
240	12	72000	80
300	12	75600	80
360	16	79200	88
420	16	82800	88
480	16	86400	88
540	16	90000	92
600	16	93600	92
900	16	97200	96
1200	16	100800	96
1500	20	104400	96
1800	24	108000	100
2400	24	111600	104
3000	24	115200	104
3600	28	118800	104
5400	28	122400	104
7200	28	126000	104
10800	32	129600	108
14400	44	133200	108
18000	48	136800	108
21600	48	140400	108
25200	52	144000	112
28800	52	147600	116
32400	52	151200	124
36000	52	154800	128
39600	56	158400	128
43200	56	165600	132
46800	56	169200	132
50400	56	172800	132

TABLE A-2 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 85°F. STRESS = 43,000 psi. Compressive

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
10	12	54000	192
30	20	57600	196
60	24	61200	200
120	28	64800	208
180	32	68400	212
240	32	72000	220
300	36	75600	224
360	36	79200	228
420	36	82800	232
480	36	86400	240
540	40	90000	244
600	36	93600	248
900	36	97200	252
1200	40	100800	252
1500	44	104400	256
1800	52	108000	260
2400	56	111600	264
3000	60	115200	268
3600	64	118800	268
5400	72	122400	264
7200	84	126000	268
10800	108	129600	272
14400	124	133200	272
18000	132	136800	276
21600	144	140400	276
25200	152	144000	280
28800	156	147600	280
32400	164	151200	280
36000	172	154800	288
39600	176	158400	292
43200	180	165600	292
46800	184	169200	296
50400	188	172800	300

TABLE A-3 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 85°F. STRESS = 56,000 psi. Compressive

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
10	32	54000	224
30	48	57600	228
60	56	61200	232
120	64	64800	236
180	72	68400	240
240	68	72000	244
300	68	75600	248
360	68	79200	252
420	72	82800	260
480	72	86400	264
540	76	90000	272
600	76	93600	276
900	80	97200	276
1200	84	100800	280
1500	84	104400	288
1800	88	108000	292
2400	92	111600	292
3000	96	115200	296
3600	96	118800	300
5400	104	122400	300
7200	112	126000	304
10800	124	129600	308
14400	140	133200	312
18000	148	136800	312
21600	156	140400	312
25200	172	144000	312
28800	180	147600	312
32400	188	151200	320
36000	200	154800	324
39600	204	158400	324
43200	208	165600	328
46800	212	169200	332
50400	220	172800	336

TABLE A-4 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 85°F. STRESS = 66,000 psi. Compressive

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
10	32	54000	512
30	52	57600	520
60	68	61200	528
120	88	64800	532
180	96	68400	536
240	104	72000	548
300	112	75600	556
360	124	79200	564
420	132	82800	568
480	140	86400	580
540	144	90000	588
600	148	93600	588
900	168	97200	600
1200	184	100800	608
1500	196	104400	624
1800	208	108000	632
2400	224	111600	640
3000	236	115200	644
3600	248	118800	652
5400	276	122400	652
7200	296	126000	660
10800	332	129600	664
14400	360	133200	668
18000	376	136800	672
21600	400	140400	676
25200	412	144000	680
28800	428	147600	680
32400	444	151200	692
36000	460	154800	696
39600	472	158400	700
43200	480	165600	712
46800	488	169200	716
50400	504	172800	716

TABLE A-5 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 85°F. STRESS = 43,000 psi. Tension

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
60	9	10800	52
120	15	14400	57
180	16	18000	62
240	18	21600	63
300	18	25200	68
360	19	81000	110
420	19	82440	123
480	20	82800	124
540	21	86400	123
600	20	90000	121
900	21	93600	124
1200	21	97200	127
1500	20	100800	130
1800	21	104400	130
2100	23	108000	141
2400	24	111600	145
2700	26	113400	144
3000	28	163800	142
3300	29	165600	138
3600	31	169200	132
7200	39		

TABLE A-6 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 85°F. STRESS = 56,000 psi. Tension

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
60	32	25200	110
120	38	28800	114
180	40	36000	120
240	43	39600	122
300	44	43200	124
360	46	58500	131
420	48	61200	132
480	50	64800	130
540	51	68400	129
600	52	72000	129
1200	57	75600	129
1800	63	79200	128
2400	65	82800	126
3000	68	86400	125
3600	69	93600	125
7200	78	100800	127
10800	87	108000	130
14400	93	115200	135
18000	98	118800	139
21600	103	175500	142

TABLE A-7 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 85°F. STRESS = 66,000 psi. Tension

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
60	42	39600	173
600	70	43200	180
900	89	46800	185
1200	68	50400	196
1800	74	54000	202
2400	78	72000	215
3000	83	75600	217
3600	90	79200	218
4200	98	82800	216
5400	110	86400	218
7200	106	93600	219
9000	119	100800	224
10800	123	108000	227
14400	133	115200	231
18000	136	122400	236
21600	141	129600	242
25200	148	162000	256
28800	153	165600	255
32400	160	169200	254
36000	166	172800	254

TABLE A-8 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 85°F. STRESS = 72,000 psi. Tension

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
60	121	61200	826
120	151	64800	838
180	173	68400	854
240	189	72000	864
300	198	75600	872
360	209	82800	886
420	217	86400	891
480	224	90000	900
540	230	93600	907
600	237	97200	916
900	260	104400	927
1200	282	109800	943
1500	297	113400	949
1800	312	115200	966
2400	337	118800	982
3000	360	122400	998
3600	377	126000	1010
5400	418	129600	1027
7200	451	133200	1048
12180	516	136800	1066
14400	540	140400	1077
16200	560	144900	1092
19800	574	147600	1098
21600	588	151200	1112
25200	603	154800	1120
28800	627	158400	1131
46800	756	162000	1140
50400	773	169200	1140
54000	790	172800	1145

TABLE A-9 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 135°F. STRESS = 43,000 psi. Compressive

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
10	20	54000	372
30	28	57600	376
60	32	61200	388
120	40	64800	396
180	44	68400	404
240	48	72000	416
300	48	75600	420
360	52	79200	440
420	56	82800	436
480	60	86400	444
540	60	90000	452
600	64	93600	460
900	68	97200	468
1200	76	100800	472
1500	76	104400	480
1800	84	108000	488
2400	92	111600	496
3000	100	115200	500
3600	108	118800	504
5400	132	122400	512
7200	148	126000	520
10800	176	129600	524
14400	204	133200	532
18000	228	136800	540
21600	248	140400	552
25200	264	144000	556
28800	280	147600	560
32400	296	151200	568
36000	308	154800	572
39600	324	158400	580
43200	336	165600	596
46800	352	169200	604
50400	356	172800	604

TABLE A-10 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 135°F. STRESS = 56,000 psi. Compressive

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
10	32	32400	416
30	48	36000	432
60	64	39600	444
120	84	43200	460
180	104	46800	472
240	108	50400	484
300	112	54000	496
360	116	57600	508
420	120	61200	520
480	120	64800	528
540	116	68400	536
600	116	72000	552
900	120	75600	560
1200	128	79200	568
1500	144	82800	576
1800	156	86400	584
2400	184	90000	592
3000	192	93600	600
3600	208	97200	608
5400	236	100800	612
7200	260	104400	620
10800	280	108000	628
14400	308	111600	636
18000	332	115200	644
21600	360	118800	652
25200	380	122400	656
28800	400	126000	664

TABLE A-11 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 135°F. STRESS = 66,000 psi. Compressive

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
10	40	1500	236
30	56	1800	252
60	64	2400	284
120	84	3000	316
180	104	3600	340
240	104	5400	404
300	104	7200	456
360	128	10800	524
440	136	14400	576
480	144	18000	596
540	148	21600	624
600	156	25200	632
900	184	28800	644
1200	224	32400	652

TABLE A-12 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 135°F STRESS = 30,000 psi. Tension

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
60	2	5400	45
120	6	7200	50
180	10	10500	55
240	13	12600	59
300	14	14400	62
360	15	15000	64
420	17	21600	68
480	18	25200	71
540	19	27000	73
600	20	82800	104
900	24	86400	101
1200	27	90000	100
1500	28	93600	98
1800	30	97200	93
2100	31	100800	93
2400	33	104400	85
2700	34	108000	81
3000	35	111600	83
3300	36	115200	81
3600	38	169200	106
		172800	100

TABLE A-13 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 135°F STRESS = 43,000 psi. Tension

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
60	12	5400	79
120	21	6180	83
180	26	6600	83
240	29	7800	86
300	31	10800	93
360	34	14400	97
420	35	18000	101
480	37	21600	105
540	39	25200	108
600	39	29400	111
900	43	84600	161
1260	50	86400	160
1500	53	93600	160
1800	57	100800	162
2400	62	108000	170
3000	66	115200	172
3600	71	171000	188
4200	75	172800	187
4800	77		

TABLE A-14 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 135°F STRESS = 56,000 psi. Tension

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
60	23	3000	107
120	34	3600	113
180	40	5400	129
240	48	7200	135
300	54	10800	143
360	53	14400	159
420	53	18000	169
480	55	21600	172
540	56	77400	236
600	59	79200	236
900	70	86400	238
1200	78	93600	236
1500	84	100800	241
1800	90	108000	243
2400	101	172800	279

TABLE A-15 CREEP TEST DATA, ALUMINUM 7075 T651 (BARE)
T = 135°F STRESS = 66,000 psi. Tension

Time (sec)	Strain (μ in/in)	Time (sec)	Strain (μ in/in)
60	37	39600	508
120	68	54900	569
180	75	57600	574
240	89	61200	583
300	99	64800	579
360	106	68400	605
420	114	72000	614
480	119	75600	621
540	124	79200	630
600	129	82800	638
900	153	86400	660
1200	167	90000	669
1800	193	97200	683
2400	213	104400	703
3000	231	108000	715
3600	243	115200	729
5400	277	122400	746
7200	301	151200	798
10800	341	154800	809
14400	374	158400	805
25200	440	162000	809
28800	464	165600	814
32400	477	169200	817
36000	493	172800	822

TABLE A-16 QUANTITIES $\dot{\epsilon}_m$, ϵ_t and r FOR ALUMINUM
7075 T651 (BARE) at 85°F

Stress (ksi.)	$\dot{\epsilon}_m$	ϵ_t	r
30 Tension	(no data)	(no data)	(no data)
30 Compression	6.267×10^{-4}	36.390	2.08×10^{-4}
43 Tension	2.591×10^{-4}	75.599	2.00×10^{-4}
43 Compression	1.214×10^{-3}	127.912	1.32×10^{-4}
56 Tension	4.100×10^{-3}	111.057	1.72×10^{-4}
56 Compression	1.539×10^{-3}	138.221	2.18×10^{-4}
66 Tension	7.455×10^{-4}	147.821	2.35×10^{-4}
66 Compression	1.936×10^{-3}	396.232	2.05×10^{-4}
72 Tension	3.300×10^{-3}	601.845	2.03×10^{-4}
72 Compression	(no data)	(no data)	(no data)

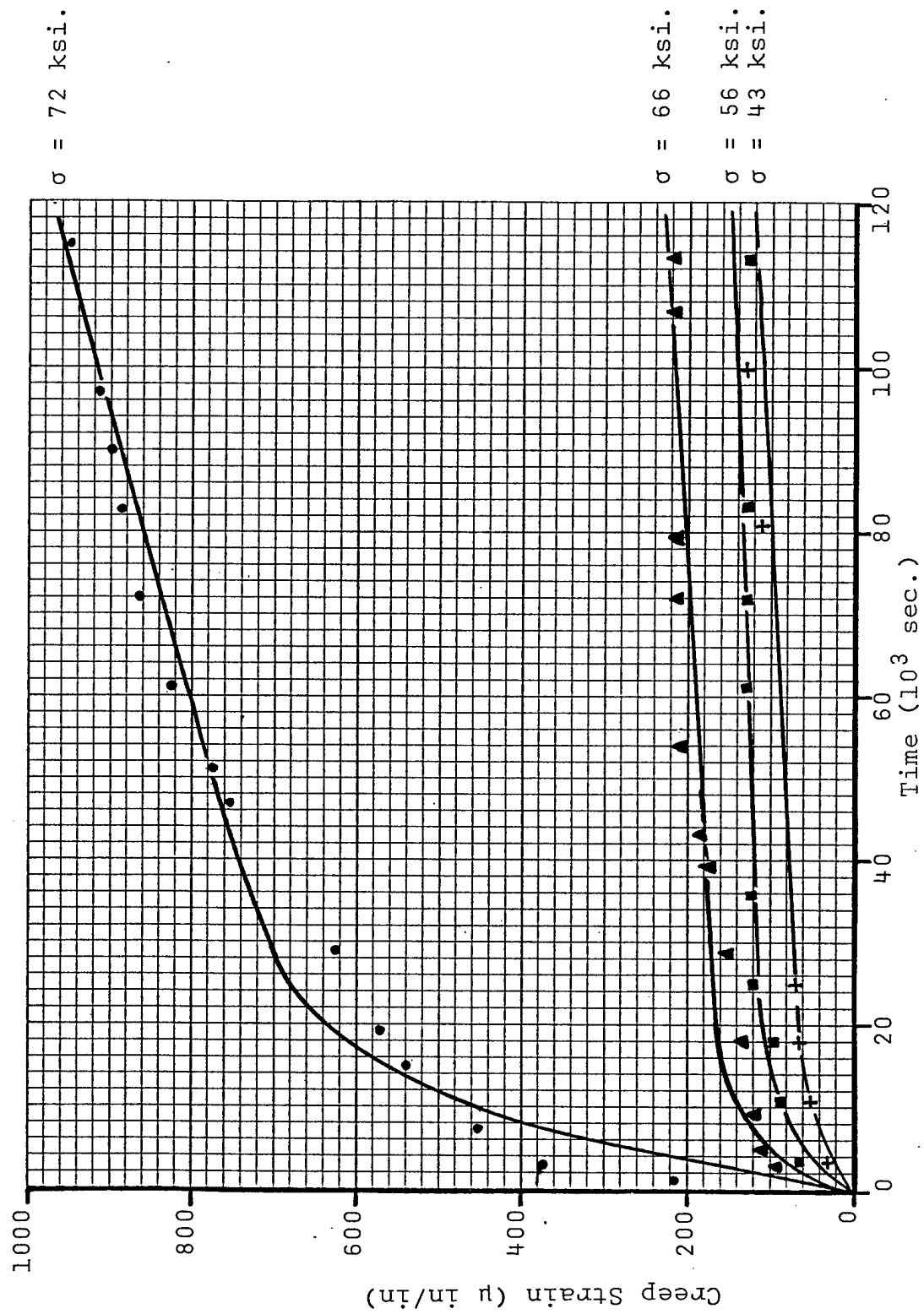


Figure A-1 Creep Strain Data at 85° Tensile Loading

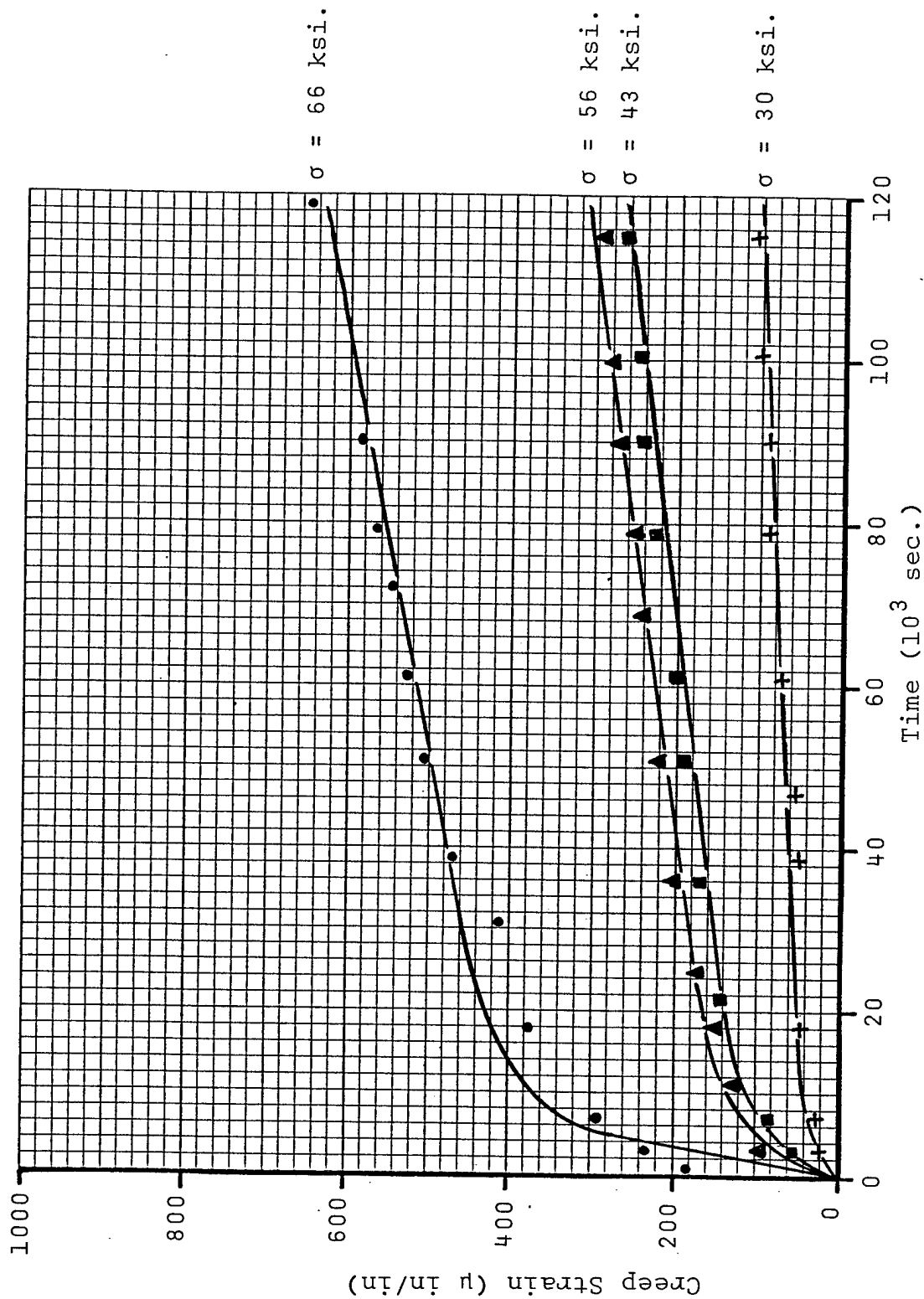


Figure A-2 Creep Strain Data at 85°F Compression Loading

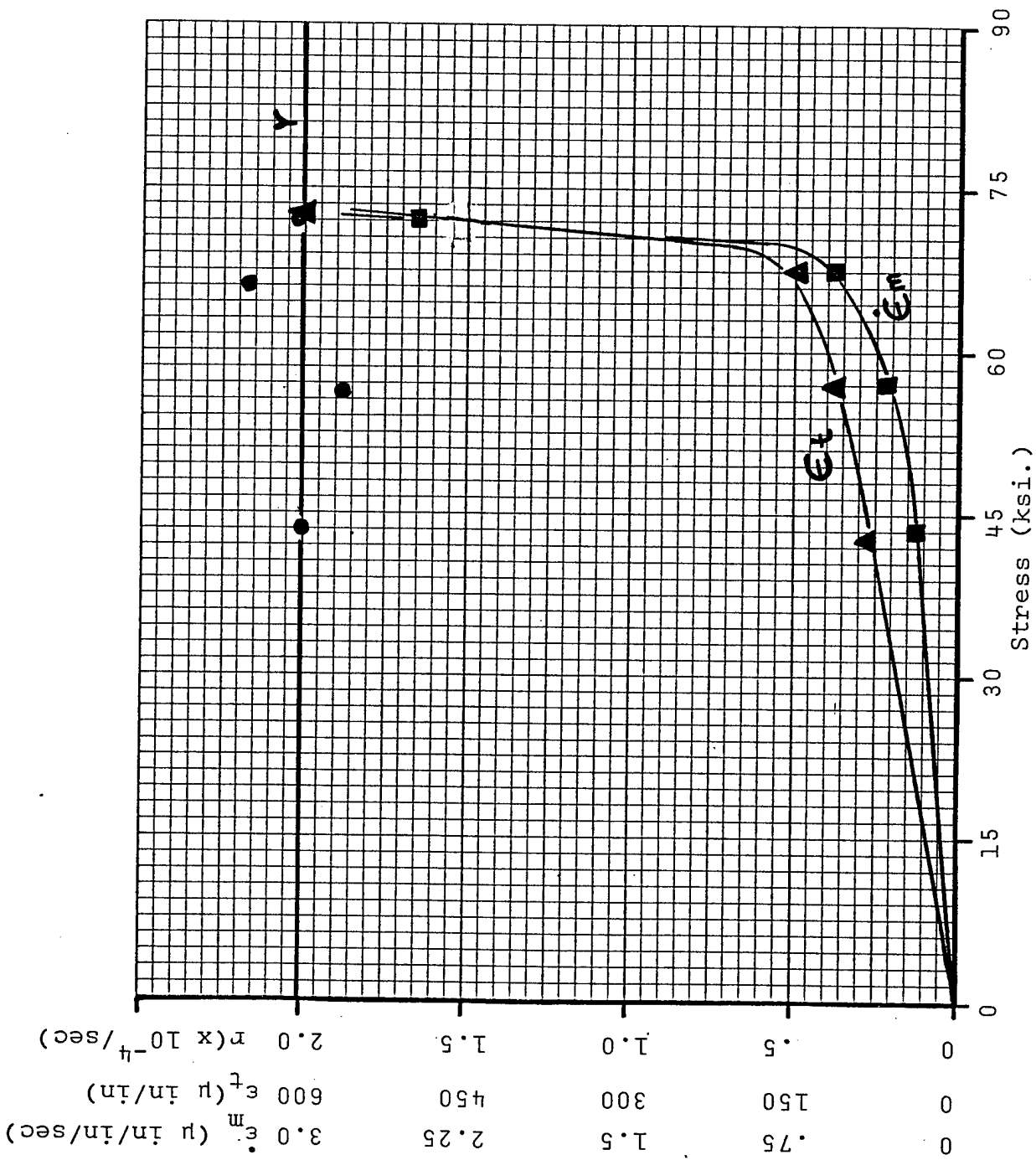


Figure A-3 Quantities ϵ_t , $\dot{\epsilon}_m$ and r for Use in
CREEP-PLAST Code

APPENDIX B

LISTING OF SUBROUTINES
MATCON AND SHIFT

In using CREEP-PLAST, the user must modify two subroutines to reflect the material being used in the analysis. Subroutine SHIFT contains the description of the material creep characteristics according to the relation

$$\epsilon_c = \epsilon_t(1 - e^{-rt}) + \dot{\epsilon}_m t$$

as discussed in Appendix A. The listing of subroutine SHIFT shown in Figure B-1 reflects the equations as presented in Appendix A.

Subroutine MATCON (Figure B-2) contains a description of the stress-strain curve including the tangent modulus as a function of the effective stress. The stress-strain curve used is taken from MIL-HDBK-5 and reproduced in Figure B-3.

For this analysis the stress-strain curve corresponding to LT tension has been used. Using a quadratic function in terms of the effective stress yields the following:

$$\begin{aligned} \text{for } \sigma \leq 61,300 \text{ psi } \epsilon &= (9.788 \times 10^{-8})\sigma \\ \text{for } 61,300 < \sigma \leq 76,000 \text{ psi} \\ \epsilon &= (9.788 \times 10^{-8})\sigma + (5.873 \times 10^{-12})\sigma^2 \\ &\quad + (3.539 \times 10^{-16})\sigma^3 \\ \text{for } \sigma > 76,000 \text{ psi } \epsilon &= (5.0 \times 10^{-7})\sigma \end{aligned}$$

For the tangent modulus

$$\begin{aligned} \text{for } \sigma \leq 61,300 \text{ } E_t &= 10.22 \times 10^6 \text{ psi} \\ \text{for } 61,300 < \sigma \leq 76,000 \text{ psi} \\ E_t &= 1/(9.788 \times 10^{-8}) + (1.175 \times 10^{-11})\sigma \\ &\quad + (1.062 \times 10^{-15})\sigma^2 \end{aligned}$$

and for $\sigma > 76,000$ psi.

$$E_t = 2.0 \times 10^6 \text{ psi}$$

These equations have been incorporated into subroutine MATCON.

```

C
C
C** CURVE FOR 7075-T651 ALUMINUM
C
  IF( SIGMA .LE. 43000.) EM=(6.025E-09)*SIGMA
  SIGMAR = SIGMA-43000.
  EC = 2.591E-04
  IF( SIGMA .LE. 66000. .AND. SIGMA .GT. 43000.) EM=((6.025E-09)+
  * (6.569E-13)*SIGMAR + (2.668E-20)*SIGMAR*SIGMAR)*SIGMAR + EC
  SIGMAR = SIGMA-66000.
  EC = 7.455E-04
  IF( SIGMA .GT. 66000. .AND. SIGMA .LE. 71000.) EM=((3.628E-08)+
  * (2.293E-11)*SIGMAR)*SIGMAR + EC
  SIGMAR = SIGMA-71000.
  EC = 1.5E-03
  IF( SIGMA .GT. 71000.) EM=(1.8E-06)*SIGMAR + EC
  IF( SIGMA .LE. 66000.) ET = (2.045E-03)*SIGMA
  SIGMAR = SIGMA-66000.
  EC = 135.
  IF( SIGMA .GT. 66000. .AND. SIGMA .LE. 72000.) ET=((2.045E-03)+
  * (3.875E-07)*SIGMAR + (2.041E-09)*SIGMAR*SIGMAR)*SIGMAR + EC
  SIGMAR = SIGMA-72000.
  EC = 602.1
  IF( SIGMA .GT. 72000.) ET=(2.271E-01)*SIGMAR + EC
  R = 2.0E-04
  ET = ET/10000.
  EM = EM/10000.
  A = ET/SIGMA
  D = EM/SIGMA
  RETURN
  END

```

Figure B-1 Listing of Subroutine SHIFT modified for Aluminum
7075 T651 material properties

```

SUBROUTINE MATCON (NPAR,T,SIGMA,EI,CON,YIELD,DSIG)
COMMON/CLCR/YRATIO
C
C *** THIS SUBROUTINE CONTAINS ALL MATERIAL CONSTANTS OF THE UNIAXIAL
C *** STRESS-STRAIN RELATIONS. T IS THE TEMPERATURE IN DEGREES
C *** FAHRENHEIT, SIGMA IS THE ELEMENT EFFECTIVE STRESS IN PSI,
C *** AND CON IS THE RATIO OF THE TANGENT MODULUS TO THE ELASTIC
C *** MODULUS. CON MUST BE A FUNCTION OF STRESS(SIGMA) AND NOT OF
C *** STRAIN, SINCE THE CALCULATED STRAIN MAY INCLUDE CREEP STRAIN.
C *** IF A BI-LINEAR STRESS-STRAIN CURVE IS EMPLOYED, CON IS NOT
C *** CALCULATED IN MATCON.
C
C *** IF EPSI1=0.0, ESTEEL=0.0, AND EPSI2=0.0, THEN MATCON WILL RETURN
C *** A NON-LINEAR STRESS-STRAIN CURVE FOR AVERAGE PROPERTIES OF 304
C *** STAINLESS STEEL. THE NON-LINEAR PART OF THIS CURVE IS GIVEN BY
C *** TOTAL STRAIN=(A*SIGMA+BT)**2 WHERE A=A1 OR A2 AND BT=B1 OR B2
C *** DEPENDING UPON THE RANGE OF THE STRESS. THIS CURVE CAN BE EMPLOYED
C *** FOR NON-ISOTHERMAL PROBLEMS.
C
C *** IF EPSI1 NOT 0.0, ESTEEL NOT 0.0, AND EPSI2=0.0 MATCON RETURNS CON
C *** FOR THE USERS OWN FORMULA. INCLUDED, AS AN EXAMPLE, IS THE STRESS-
C *** STRAIN RELATION FOR HEAT 8043813 OF TYPE 304 STAINLESS STEEL AT
C *** TEMPERATURE 1200 DEGREES F.
      MPAR = NPAR + 1
      GO TO (1,2,3), MPAR
C
C *** CURVE FOR AVERAGE PROPERTIES OF ANNEALED 304 STAINLESS STEEL
C
C *** THE FOLLOWING CONTROL WILL PERMIT A MAX TEMP OF 1000 DEG F TO BE
C *** CONSIDERED IN CALCULATION OF MATERIAL PROPERTIES.
C *** T=AMIN1(T,1000.0)
C

```

Figure B-2 Listing of Subroutine MATCON modified for Aluminum
7075 T651 material properties

```

1 CONTINUE
C ***** REGION 1 *****
C *** THIS REGION OF MATCON IS EMPLOYED TO DEFINE TEMPERATURE VARYING
C *** EPSI1 AND/OR ESTEEL. REGION 1 IS ENTERED REGARDLESS OF THE VALUES
C *** OF EPSI1, ESTEEL, AND EPSI2 ON CARD(3).
C
      RETURN
2 CONTINUE
C ***** REGION 2 *****
C *** THIS REGION IS ENTERED ONLY IF EPSI1=0.0, ESTEEL=0.0, AND EPSI2=
C *** 0.0 ON CARD(3).
C
      WRITE(6,800)
800 FORMAT(//,5X,33H NOT SUPPOSE TO ENTER THIS REGION)
      RETURN
3 CONTINUE
C ***** REGION 3 *****
C *** THIS REGION IS ENTERED ONLY IF EPSI1 NOT 0.0, ESTEEL NOT 0.0,
C *** AND EPSI2=0.0. NORMALLY, THE USERS FORMULA FOR CALCULATION OF
C *** THE RATIO OF TANGENT MODULUS TO ELASTIC MODULUS FOR NONLINEAR
C *** CURVES IS INSERTED HERE. HOWEVER, IF TEMPERATURE VARYING EPSI1
C *** AND ESTEEL ARE SUPPLIED BY THE USER THEN THE USERS FORMULA FOR

```

Figure B-2 (continued)

C*** CON MUST BE INSERTED IN REGION 2.
C

SG=SIGMA*1.E-3
DSG=DSIG*1.E-3
S1=SG

S2=SG+DSG
SG=0.5*(S1+S2)
SIGMA=SG*1.E3

C*** CURVE FOR 7075-T651 ALUMINUM
C

IF(SIGMA .LE. 61300.) CON = 1.
SIGMAR = SIGMA-61300.

IF(SIGMA .LE. 76000. .AND. SIGMA .GT. 61300.)

1 CON = 1./((9.788E-08 + (1.175E-11)*SIGMAR+ (1.0625E-15)*SIGMAR
2 *SIGMAR)*E1

IF(SIGMA .GT. 76000.) CON = .1957
RETURN
END

Figure B-2 (continued)

As a result of a coding error in subroutine SHIFT (not shown) a slightly different equation for the tangent modulus as a function of stress was used. In particular

$$\sigma < 76,000 \text{ psi.} \quad E_t = 10.22 \times 10^6 \text{ psi.}$$

$$\sigma \geq 76,000 \text{ psi.} \quad E_t = 2.00 \times 10^6 \text{ psi.}$$

This is a bilinear curve slightly "higher" than the LT-tension curve of Figure B-3. The difference between this bilinear curve used and the LT-tension curve is negligible (< 5%) as far as the effective stress-effective strain coordinates at the start of continuous compressive load is concerned. The formulation of the LT-tension curve is retained in this report in order to show clearly the technique used to represent the tangent modulus as a function of the effective stress.

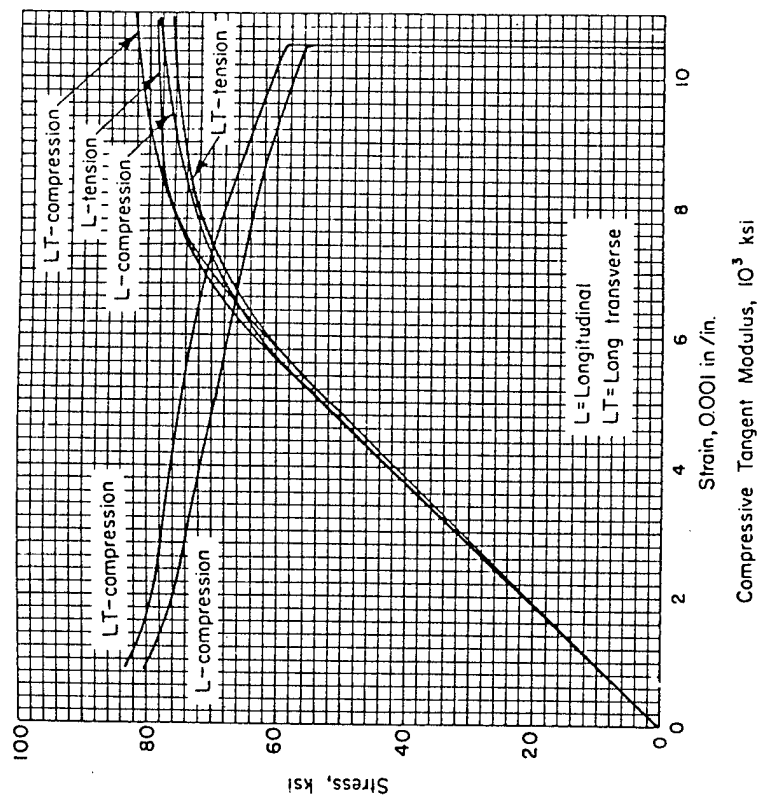


Figure B-3 Stress-strain curve for Aluminum 7075 T651 used in analysis (LT-Tension used) and taken from MIL-HDBK-5

APPENDIX C

FINITE ELEMENT MODEL OF ALUMINUM
CREEP TEST SPECIMEN

The finite element grid used in the CREEP-PLAST analysis is shown in Figure C-1 and C-2. This model is one-quarter of the aluminum specimen since symmetry has been used to decrease the model size. Boundary conditions are discussed in the text. Detailed input data corresponding to the grid is included in Appendix D. Included in this section is an additional listing of the nodal point coordinates for the convenience of the user.

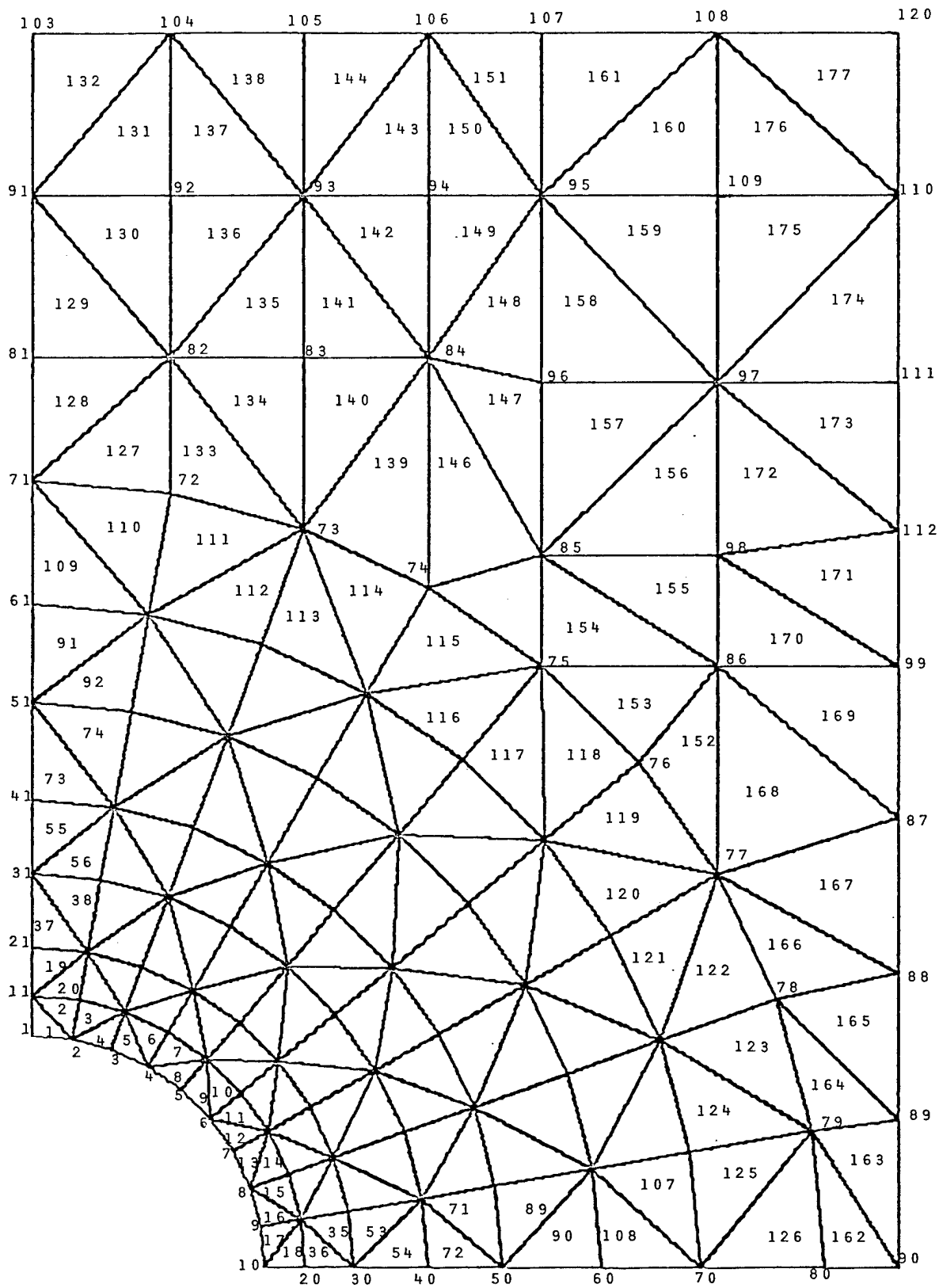


Figure C-1 Finite Element Model Used in CREEP-PLAST
(near center hole)

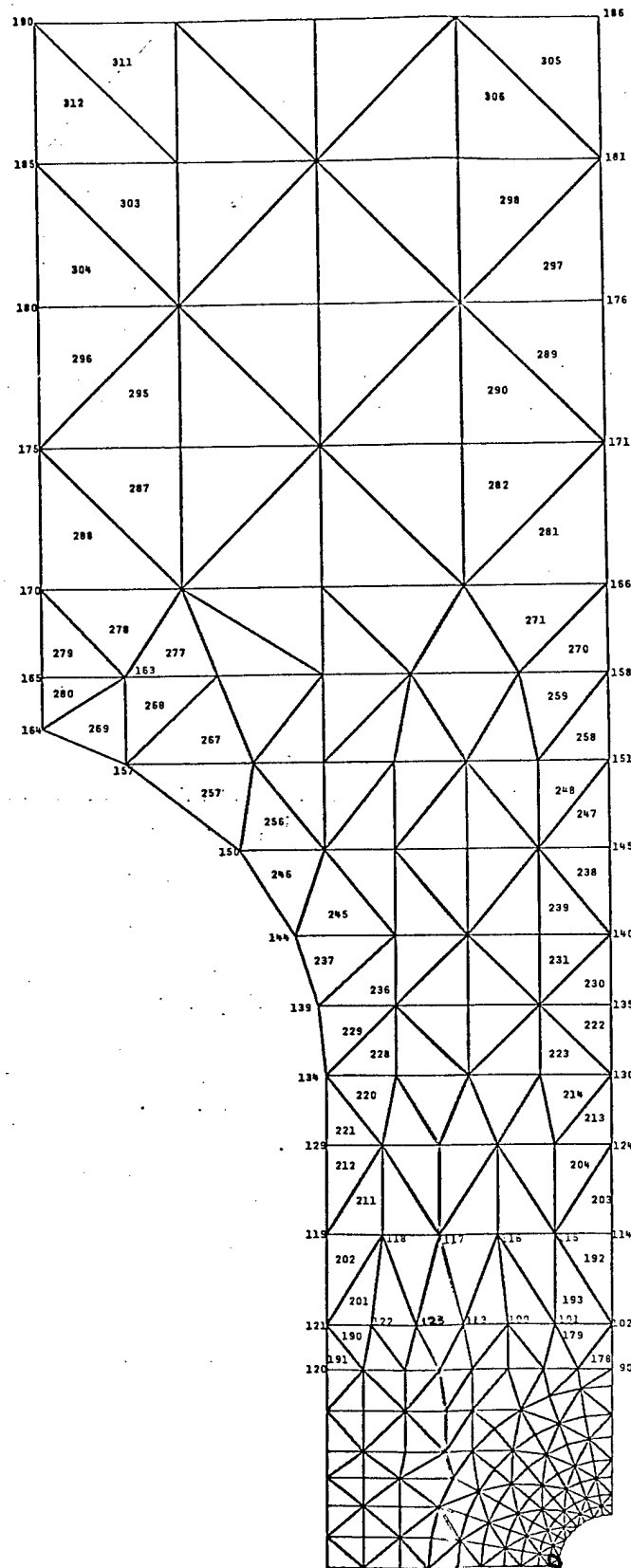


Figure C-2 Finite Element Model Used in CREEP-PLAST

1	0.00000.1875
2	0.03260.1847
3	0.06410.1762
4	0.09380.1624
5	0.12050.1436
6	0.14360.1205
7	0.16240.0938
8	0.17620.0641
9	0.18470.0326
10	0.18750.0000
11	0.00000.2202
12	0.03820.2169
13	0.07530.2069
14	0.11010.1907
15	0.14150.1687
16	0.16870.1415
17	0.19070.1101
18	0.20690.0753
19	0.21690.0382
20	0.22020.0000
21	0.00000.2600
22	0.04510.2561
23	0.08890.2443
24	0.13000.2252
25	0.16710.1992
26	0.19920.1671
27	0.22520.1300
28	0.24430.0889
29	0.25610.0451
30	0.26000.0000
31	0.00000.3200
32	0.05560.3151
33	0.10940.3007
34	0.16000.2771
35	0.20570.2451
36	0.24510.2057
37	0.27710.1600
38	0.30070.1094
39	0.31510.0556
40	0.32000.0000
41	0.00000.3800
42	0.06600.3742
43	0.13000.3571
44	0.19000.3291
45	0.24430.2911
46	0.29110.2443

47	0.32910.1900
48	0.35710.1300
49	0.37420.0660
50	0.38000.0000
51	0.00000.4600
52	0.07990.4530
53	0.15730.4323
54	0.23000.3984
55	0.29570.3524
56	0.35240.2957
57	0.39840.2300
58	0.43230.1573
59	0.45300.0799
60	0.46000.0000
61	0.00000.5400
62	0.09380.5318
63	0.18470.5074
64	0.27000.4677
65	0.34710.4137
66	0.41370.3471
67	0.46770.2700
68	0.50740.1847
69	0.53180.0938
70	0.54000.0000
71	0.00000.6400
72	0.11110.6303
73	0.21890.6014
74	0.32000.5543
75	0.41140.4903
76	0.49030.4114
77	0.55430.3200
78	0.60140.2189
79	0.63030.1111
80	0.64000.0000
81	0.00000.7400
82	0.11110.7400
83	0.21890.7400
84	0.32000.7400
85	0.41140.5800
86	0.55430.4903
87	0.70000.3657
88	0.70000.2400
89	0.70000.1200
90	0.70000.0000
91	0.00000.8700
92	0.11110.8700
93	0.21890.8700
94	0.32000.8700

95	0.41140.8700
96	0.41140.7200
97	0.55430.7200
98	0.55430.5800
99	0.70000.4903
100	0.86000.3657
101	0.86000.2000
102	0.86000.0000
103	0.00001.0000
104	0.11111.0000
105	0.21891.0000
106	0.32001.0000
107	0.41141.0000
108	0.55431.0000
109	0.55430.8700
110	0.70000.8700
111	0.70000.7200
112	0.70000.6000
113	0.86000.5200
114	1.18000.0000
115	1.18000.2000
116	1.18000.4000
117	1.18000.6000
118	1.18000.8000
119	1.18001.0000
120	0.70001.0000
121	0.86001.0000
122	0.86000.8400
123	0.86000.6800
124	1.50000.0000
125	1.50000.2000
126	1.50000.4000
127	1.50000.6000
128	1.50000.8000
129	1.50001.0000
130	1.75000.0000
131	1.75000.2500
132	1.75000.5000
133	1.75000.7500
134	1.75001.0000
135	2.00000.0000
136	2.00000.2500
137	2.00000.5000
138	2.00000.7500
139	2.00001.0253
140	2.25000.0000
141	2.25000.2500
142	2.25000.5000

143	2.25000.7500
144	2.25001.1044
145	2.56250.0000
146	2.56250.2500
147	2.56250.5000
148	2.56250.7500
149	2.56251.0000
150	2.56251.3001
151	2.87500.0000
152	2.87500.2500
153	2.87500.5000
154	2.87500.7500
155	2.87501.0000
156	2.87501.2500
157	2.87501.7051
158	3.18750.0000
159	3.18750.3125
160	3.18750.6875
161	3.18751.0000
162	3.18751.3750
163	3.18751.7051
164	3.00002.0000
165	3.18752.0000
166	3.50000.0000
167	3.50000.5000
168	3.50001.0000
169	3.50001.5000
170	3.50002.0000
171	4.00000.0000
172	4.00000.5000
173	4.00001.0000
174	4.00001.5000
175	4.00002.0000
176	4.50000.0000
177	4.50000.5000
178	4.50001.0000
179	4.50001.5000
180	4.50002.0000
181	5.00000.0000
182	5.00000.5000
183	5.00001.0000
184	5.00001.5000
185	5.00002.0000
186	5.50000.0000
187	5.50000.5000
188	5.50001.0000
189	5.50001.5000
190	5.50002.0000

APPENDIX D

LISTING OF DATA INPUT FOR
FINITE ELEMENT CODE CREEP-PLAST

This appendix presents the input data used for executing the CREEP-PLAST code. Notice that nodal data is printed in a format that does not include all the significant digits of the coordinates. However, Appendix C contains the card images for the nodal points and elements from which exact nodal coordinates can be found. The output presented here is for the initial run using CREEP-PLAST.

LOAD-TIME DEPENDENT RELAXATION OF RESIDUAL STRESSES (7075-1651 ALUMINUM)

.613000E+05 .102200E+080. 0. 12.000 13.000 0. 14.000 .33001.0000
 5.000 9.000 18.000 21.000
 16.000 17.000 .800 .867 .933 1.000
 .333 .600 .800 .600
 .933 .867 .600

OPTIONS (NI-NIT) 0 1 0 1 10 0 1 -0 0 9 0 0 0 0 1

INPUT TAPE GENERATED IN PREVIOUS RUN 14

OUTPUT TAPE TO BE GENERATED IN THE PRESENT RUN 14

TEMPERATURE HISTORY TAPE 0

NUMBER OF ELEMENTS = 312

NUMBER OF NODAL POINTS = 190

NUMBER OF BOUNDARY POINTS = 34

WARNING, YOU ARE USING ONE TAPE ONLY FOR INPUT AND OUTPUT, YOU WILL LOSE YOUR PREVIOUS
 RUN IF SOMETHING GOES WRONG IN WHICH CASE YOU WILL NOT BE ABLE TO RESTART. 14 14

BOUNDARY CONDITIONS

NODE CONSTRAINT SLOPE

1	1	-0.000000-.0	-0
11	1	-0.000000-.0	-0
21	1	-0.000000-.0	-0
31	1	-0.000000-.0	-0
41	1	-0.000000-.0	-0
51	1	-0.000000-.0	-0
61	1	-0.000000-.0	-0
71	1	-0.000000-.0	-0
81	1	-0.000000-.0	-0
91	1	-0.000000-.0	-0
103	1	-0.000000-.0	-0
10	2	-0.000000-.0	-0
20	2	-0.000000-.0	-0
30	2	-0.000000-.0	-0
40	2	-0.000000-.0	-0
50	2	-0.000000-.0	-0
60	2	-0.000000-.0	-0
70	2	-0.000000-.0	-0
80	2	-0.000000-.0	-0
90	2	-0.000000-.0	-0
102	2	-0.000000-.0	-0
114	2	-0.000000-.0	-0
124	2	-0.000000-.0	-0
130	2	-0.000000-.0	-0
135	2	-0.000000-.0	-0
140	2	-0.000000-.0	-0
145	2	-0.000000-.0	-0
151	2	-0.000000-.0	-0
158	2	-0.000000-.0	-0
166	2	-0.000000-.0	-0
171	2	-0.000000-.0	-0
176	2	-0.000000-.0	-0
181	2	-0.000000-.0	-0
186	2	-0.000000-.0	-0

EFFECTIVE BANDWIDTH IS 67

ELASTIC MODULUS,	INITIAL YIELD STRESS AND TEN-CYCLE YIELD STRESS AT BASE TEMPERATURE	0.0 APT
.102200E+08	.613000E+05	.613000E+05

ELASTIC MODULUS, INITIAL YIELD STRESS AND TEN-CYCLE YIELD STRESS AT BASE TEMPERATURE

0.0 ART

	ELASTIC MODULUS,	INITIAL YIELD STRESS AND TENSILE
	.102200E+08	.613000E+05

ELASTIC MODULUS, INITIAL YIELD STRESS AND TEN-CYCLE YIELD STRESS AT BASE TEMPERATURE

0.0 ART

EXPLANATION OF STRESS OUTPUT LIST

ELEMENT STRAINS - MICRO INCHES PER INCH

EPS-R RR OR XX STRAIN
 EPS-1 THETA STRAIN
 EPS-2 ZZ OR YY STRAIN
 EPS-RZ RZ OR XY STRAIN
 EPS-1 MAX. PRINCIPAL STRAIN
 EPS-2 MIN. PRINCIPAL STRAIN
 ANGL MAX. PRINCIPAL DIRECTION - POSITIVE CLOCKWISE

ELEMENT STRESSES - PSI

SIG-R RR OR XX STRESS
 SIG-1 THETA STRESS
 SIG-2 ZZ OR YY STRESS
 SIG-RZ RZ OR XY STRESS
 SIG-1 MAX. PRINCIPAL STRESS
 SIG-2 MIN. PRINCIPAL STRESS

STRESS COORDINATES OF THE CENTER OF THE YIELD SURFACE
 ALFA THE EFFECTIVE STRESS COORDINATE

EFFECTIVE STRESS AND STRAIN

SIGEFF EFFECTIVE STRESS - PSI
 EPSEFF EFFECTIVE INELASTIC STRAIN - MICRO INCHES
 ELAST EFFECTIVE ELASTIC STRAIN
 ELAST TOTAL EFFECTIVE STRAIN = ELAST + (-) EPSEFF

YIELD STATUS

ERR PERCENT DEVIATION FROM THE YIELD SURFACE
 PLA PLASO ELEMENT IS ELASTIC
 PLA-1 ELEMENT IS PLASTIC

62	52	45	44	1000E+01	6130E+05	0.
63	35	46	45	1000E+01	6130E+05	0.
64	35	46	46	1000E+01	6130E+05	0.
65	36	37	46	1000E+01	6130E+05	0.
66	37	47	46	1000E+01	6130E+05	0.
67	37	48	47	1000E+01	6130E+05	0.
68	37	38	48	1000E+01	6130E+05	0.
69	38	39	48	1000E+01	6130E+05	0.
70	39	49	48	1000E+01	6130E+05	0.
71	39	50	49	1000E+01	6130E+05	0.
72	39	40	50	1000E+01	6130E+05	0.
73	41	42	51	1000E+01	6130E+05	0.
74	42	52	51	1000E+01	6130E+05	0.
75	42	53	52	1000E+01	6130E+05	0.
76	42	43	53	1000E+01	6130E+05	0.
77	43	44	53	1000E+01	6130E+05	0.
78	44	54	53	1000E+01	6130E+05	0.
79	44	55	54	1000E+01	6130E+05	0.
80	44	45	55	1000E+01	6130E+05	0.
81	45	46	55	1000E+01	6130E+05	0.
82	46	56	55	1000E+01	6130E+05	0.
83	46	57	56	1000E+01	6130E+05	0.
84	46	47	57	1000E+01	6130E+05	0.
85	47	48	57	1000E+01	6130E+05	0.
86	48	58	57	1000E+01	6130E+05	0.
87	48	59	58	1000E+01	6130E+05	0.
88	48	49	59	1000E+01	6130E+05	0.
89	49	50	59	1000E+01	6130E+05	0.
90	50	60	59	1000E+01	6130E+05	0.
91	51	62	61	1000E+01	6130E+05	0.
92	51	52	62	1000E+01	6130E+05	0.
93	52	53	62	1000E+01	6130E+05	0.
94	53	63	62	1000E+01	6130E+05	0.
95	53	64	63	1000E+01	6130E+05	0.
96	53	54	64	1000E+01	6130E+05	0.
97	54	55	64	1000E+01	6130E+05	0.
98	55	65	64	1000E+01	6130E+05	0.
99	55	66	65	1000E+01	6130E+05	0.
100	55	56	66	1000E+01	6130E+05	0.
101	56	57	66	1000E+01	6130E+05	0.
102	57	67	66	1000E+01	6130E+05	0.
103	57	68	67	1000E+01	6130E+05	0.
104	57	58	68	1000E+01	6130E+05	0.
105	58	59	68	1000E+01	6130E+05	0.
106	59	69	68	1000E+01	6130E+05	0.
107	59	70	69	1000E+01	6130E+05	0.
108	59	60	70	1000E+01	6130E+05	0.
109	61	62	71	1000E+01	6130E+05	0.
110	62	72	71	1000E+01	6130E+05	0.
111	62	73	72	1000E+01	6130E+05	0.
112	62	63	73	1000E+01	6130E+05	0.
113	63	64	73	1000E+01	6130E+05	0.
114	64	74	73	1000E+01	6130E+05	0.
115	64	75	74	1000E+01	6130E+05	0.
116	64	65	75	1000E+01	6130E+05	0.
117	65	66	75	1000E+01	6130E+05	0.
118	66	76	75	1000E+01	6130E+05	0.
119	66	77	76	1000E+01	6130E+05	0.
120	66	67	77	1000E+01	6130E+05	0.
121	67	68	77	1000E+01	6130E+05	0.
122	68	78	77	1000E+01	6130E+05	0.
123	68	79	78	1000E+01	6130E+05	0.
124	68	69	79	1000E+01	6130E+05	0.
125	69	70	79	1000E+01	6130E+05	0.
126	70	80	79	1000E+01	6130E+05	0.
127	71	72	82	1000E+01	6130E+05	0.

129	61	92	91	.1000E+01	.6130E+05	0.
130	82	92	91	.1000E+01	.6130E+05	0.
131	91	92	104	.1000E+01	.6130E+05	0.
132	91	104	104	.1000E+01	.6130E+05	0.
133	72	73	82	.1000E+01	.6130E+05	0.
134	73	83	82	.1000E+01	.6130E+05	0.
135	82	83	93	.1000E+01	.6130E+05	0.
136	82	93	92	.1000E+01	.6130E+05	0.
137	92	93	104	.1000E+01	.6130E+05	0.
138	93	105	104	.1000E+01	.6130E+05	0.
139	73	74	84	.1000E+01	.6130E+05	0.
140	73	84	83	.1000E+01	.6130E+05	0.
141	83	84	93	.1000E+01	.6130E+05	0.
142	84	94	93	.1000E+01	.6130E+05	0.
143	93	94	106	.1000E+01	.6130E+05	0.
144	93	106	105	.1000E+01	.6130E+05	0.
145	74	75	85	.1000E+01	.6130E+05	0.
146	74	85	84	.1000E+01	.6130E+05	0.
147	85	96	84	.1000E+01	.6130E+05	0.
148	84	96	95	.1000E+01	.6130E+05	0.
149	84	95	94	.1000E+01	.6130E+05	0.
150	94	95	106	.1000E+01	.6130E+05	0.
151	95	107	106	.1000E+01	.6130E+05	0.
152	76	77	86	.1000E+01	.6130E+05	0.
153	76	86	75	.1000E+01	.6130E+05	0.
154	75	86	85	.1000E+01	.6130E+05	0.
155	86	98	85	.1000E+01	.6130E+05	0.
156	85	98	97	.1000E+01	.6130E+05	0.
157	85	97	96	.1000E+01	.6130E+05	0.
158	95	96	109	.1000E+01	.6130E+05	0.
159	109	96	97	.1000E+01	.6130E+05	0.
160	95	109	108	.1000E+01	.6130E+05	0.
161	95	108	107	.1000E+01	.6130E+05	0.
162	80	90	79	.1000E+01	.6130E+05	0.
163	90	89	79	.1000E+01	.6130E+05	0.
164	79	89	78	.1000E+01	.6130E+05	0.
165	89	88	78	.1000E+01	.6130E+05	0.
166	78	88	77	.1000E+01	.6130E+05	0.
167	88	87	77	.1000E+01	.6130E+05	0.
168	77	87	86	.1000E+01	.6130E+05	0.
169	87	99	86	.1000E+01	.6130E+05	0.
170	86	99	98	.1000E+01	.6130E+05	0.
171	99	112	98	.1000E+01	.6130E+05	0.
172	98	112	97	.1000E+01	.6130E+05	0.
173	112	111	97	.1000E+01	.6130E+05	0.
174	97	111	110	.1000E+01	.6130E+05	0.
175	97	110	109	.1000E+01	.6130E+05	0.
176	109	110	108	.1000E+01	.6130E+05	0.
177	110	120	108	.1000E+01	.6130E+05	0.
178	90	102	89	.1000E+01	.6130E+05	0.
179	89	102	101	.1000E+01	.6130E+05	0.
180	89	101	88	.1000E+01	.6130E+05	0.
181	88	101	100	.1000E+01	.6130E+05	0.
182	88	100	87	.1000E+01	.6130E+05	0.
183	87	100	99	.1000E+01	.6130E+05	0.
184	100	113	99	.1000E+01	.6130E+05	0.
185	99	113	112	.1000E+01	.6130E+05	0.
186	113	123	112	.1000E+01	.6130E+05	0.
187	112	123	111	.1000E+01	.6130E+05	0.
188	111	123	122	.1000E+01	.6130E+05	0.
189	111	122	110	.1000E+01	.6130E+05	0.
190	122	121	110	.1000E+01	.6130E+05	0.
191	110	121	120	.1000E+01	.6130E+05	0.
192	102	114	115	.1000E+01	.6130E+05	0.
193	102	115	101	.1000E+01	.6130E+05	0.

194	101	115	116	100	1000E+01	6130E+05	0.
195	101	116	100	100	1000E+01	6130E+05	0.
196	100	116	113	1000E+01	6130E+05	0.	
197	113	116	117	1000E+01	6130E+05	0.	
198	113	117	123	1000E+01	6130E+05	0.	
199	123	117	119	1000E+01	6130E+05	0.	
200	123	118	122	1000E+01	6130E+05	0.	
201	122	118	121	1000E+01	6130E+05	0.	
202	118	119	121	1000E+01	6130E+05	0.	
203	114	124	115	1000E+01	6130E+05	0.	
204	115	124	125	1000E+01	6130E+05	0.	
205	115	125	126	1000E+01	6130E+05	0.	
206	115	126	116	1000E+01	6130E+05	0.	
207	116	126	117	1000E+01	6130E+05	0.	
208	126	127	117	1000E+01	6130E+05	0.	
209	117	127	128	1000E+01	6130E+05	0.	
210	117	128	118	1000E+01	6130E+05	0.	
211	118	128	119	1000E+01	6130E+05	0.	
212	128	129	119	1000E+01	6130E+05	0.	
213	124	130	125	1000E+01	6130E+05	0.	
214	125	130	131	1000E+01	6130E+05	0.	
215	125	131	126	1000E+01	6130E+05	0.	
216	126	131	132	1000E+01	6130E+05	0.	
217	126	132	127	1000E+01	6130E+05	0.	
218	127	132	133	1000E+01	6130E+05	0.	
219	127	133	128	1000E+01	6130E+05	0.	
220	128	133	134	1000E+01	6130E+05	0.	
221	128	134	129	1000E+01	6130E+05	0.	
222	130	135	136	1000E+01	6130E+05	0.	
223	130	136	131	1000E+01	6130E+05	0.	
224	131	136	132	1000E+01	6130E+05	0.	
225	136	137	132	1000E+01	6130E+05	0.	
226	132	137	138	1000E+01	6130E+05	0.	
227	132	138	133	1000E+01	6130E+05	0.	
228	133	138	134	1000E+01	6130E+05	0.	
229	138	139	134	1000E+01	6130E+05	0.	
230	135	140	136	1000E+01	6130E+05	0.	
231	140	141	136	1000E+01	6130E+05	0.	
232	136	141	142	1000E+01	6130E+05	0.	
233	136	142	137	1000E+01	6130E+05	0.	
234	137	142	138	1000E+01	6130E+05	0.	
235	142	143	138	1000E+01	6130E+05	0.	
236	138	143	139	1000E+01	6130E+05	0.	
237	143	144	139	1000E+01	6130E+05	0.	
238	140	145	146	1000E+01	6130E+05	0.	
239	140	146	141	1000E+01	6130E+05	0.	
240	141	146	142	1000E+01	6130E+05	0.	
241	146	147	142	1000E+01	6130E+05	0.	
242	142	147	148	1000E+01	6130E+05	0.	
243	142	148	143	1000E+01	6130E+05	0.	
244	143	148	149	1000E+01	6130E+05	0.	
245	143	149	144	1000E+01	6130E+05	0.	
246	144	149	150	1000E+01	6130E+05	0.	
247	145	151	146	1000E+01	6130E+05	0.	
248	151	152	146	1000E+01	6130E+05	0.	
249	146	152	153	1000E+01	6130E+05	0.	
250	146	153	152	1000E+01	6130E+05	0.	
251	147	153	148	1000E+01	6130E+05	0.	
252	153	154	148	1000E+01	6130E+05	0.	
253	148	154	149	1000E+01	6130E+05	0.	
254	154	155	149	1000E+01	6130E+05	0.	
255	149	155	156	1000E+01	6130E+05	0.	
256	149	156	150	1000E+01	6130E+05	0.	
257	150	156	157	1000E+01	6130E+05	0.	
258	151	158	152	1000E+01	6130E+05	0.	
259	158	159	152	1000E+01	6130E+05	0.	

DATA SUBROUTINE

260	152	157	162	167	172	177	182	187	192	197	202	207	212	217	222	227	232	237	242	247	252	257	262	267	272	277	282	287	292	297	302	307	312	317	322	327	332	337	342	347	352	357	362	367	372	377	382	387	392	397	402	407	412	417	422	427	432	437	442	447	452	457	462	467	472	477	482	487	492	497	502	507	512	517	522	527	532	537	542	547	552	557	562	567	572	577	582	587	592	597	602	607	612	617	622	627	632	637	642	647	652	657	662	667	672	677	682	687	692	697	702	707	712	717	722	727	732	737	742	747	752	757	762	767	772	777	782	787	792	797	802	807	812	817	822	827	832	837	842	847	852	857	862	867	872	877	882	887	892	897	902	907	912	917	922	927	932	937	942	947	952	957	962	967	972	977	982	987	992	997	1002	1007	1012	1017	1022	1027	1032	1037	1042	1047	1052	1057	1062	1067	1072	1077	1082	1087	1092	1097	1102	1107	1112	1117	1122	1127	1132	1137	1142	1147	1152	1157	1162	1167	1172	1177	1182	1187	1192	1197	1202	1207	1212	1217	1222	1227	1232	1237	1242	1247	1252	1257	1262	1267	1272	1277	1282	1287	1292	1297	1302	1307	1312	1317	1322	1327	1332	1337	1342	1347	1352	1357	1362	1367	1372	1377	1382	1387	1392	1397	1402	1407	1412	1417	1422	1427	1432	1437	1442	1447	1452	1457	1462	1467	1472	1477	1482	1487	1492	1497	1502	1507	1512	1517	1522	1527	1532	1537	1542	1547	1552	1557	1562	1567	1572	1577	1582	1587	1592	1597	1602	1607	1612	1617	1622	1627	1632	1637	1642	1647	1652	1657	1662	1667	1672	1677	1682	1687	1692	1697	1702	1707	1712	1717	1722	1727	1732	1737	1742	1747	1752	1757	1762	1767	1772	1777	1782	1787	1792	1797	1802	1807	1812	1817	1822	1827	1832	1837	1842	1847	1852	1857	1862	1867	1872	1877	1882	1887	1892	1897	1902	1907	1912	1917	1922	1927	1932	1937	1942	1947	1952	1957	1962	1967	1972	1977	1982	1987	1992	1997	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052	2057	2062	2067	2072	2077	2082	2087	2092	2097	2102	2107	2112	2117	2122	2127	2132	2137	2142	2147	2152	2157	2162	2167	2172	2177	2182	2187	2192	2197	2202	2207	2212	2217	2222	2227	2232	2237	2242	2247	2252	2257	2262	2267	2272	2277	2282	2287	2292	2297	2302	2307	2312	2317	2322	2327	2332	2337	2342	2347	2352	2357	2362	2367	2372	2377	2382	2387	2392	2397	2402	2407	2412	2417	2422	2427	2432	2437	2442	2447	2452	2457	2462	2467	2472	2477	2482	2487	2492	2497	2502	2507	2512	2517	2522	2527	2532	2537	2542	2547	2552	2557	2562	2567	2572	2577	2582	2587	2592	2597	2602	2607	2612	2617	2622	2627	2632	2637	2642	2647	2652	2657	2662	2667	2672	2677	2682	2687	2692	2697	2702	2707	2712	2717	2722	2727	2732	2737	2742	2747	2752	2757	2762	2767	2772	2777	2782	2787	2792	2797	2802	2807	2812	2817	2822	2827	2832	2837	2842	2847	2852	2857	2862	2867	2872	2877	2882	2887	2892	2897	2902	2907	2912	2917	2922	2927	2932	2937	2942	2947	2952	2957	2962	2967	2972	2977	2982	2987	2992	2997	3002	3007	3012	3017	3022	3027	3032	3037	3042	3047	3052	3057	3062	3067	3072	3077	3082	3087	3092	3097	3102	3107	3112	3117	3122	3127	3132	3137	3142	3147	3152	3157	3162	3167	3172	3177	3182	3187	3192	3197	3202	3207	3212	3217	3222	3227	3232	3237	3242	3247	3252	3257	3262	3267	3272	3277	3282	3287	3292	3297	3302	3307	3312	3317	3322	3327	3332	3337	3342	3347	3352	3357	3362	3367	3372	3377	3382	3387	3392	3397	3402	3407	3412	3417	3422	3427	3432	3437	3442	3447	3452	3457	3462	3467	3472	3477	3482	3487	3492	3497	3502	3507	3512	3517	3522	3527	3532	3537	3542	3547	3552	3557	3562	3567	3572	3577	3582	3587	3592	3597	3602	3607	3612	3617	3622	3627	3632	3637	3642	3647	3652	3657	3662	3667	3672	3677	3682	3687	3692	3697	3702	3707	3712	3717	3722	3727	3732	3737	3742	3747	3752	3757	3762	3767	3772	3777	3782	3787	3792	3797	3802	3807	3812	3817	3822	3827	3832	3837	3842	3847	3852	3857	3862	3867	3872	3877	3882	3887	3892	3897	3902	3907	3912	3917	3922	3927	3932	3937	3942	3947	3952	3957	3962	3967	3972	3977	3982	3987	3992	3997	4002	4007	4012	4017	4022	4027	4032	4037	4042	4047	4052	4057	4062	4067	4072	4077	4082	4087	4092	4097	4102	4107	4112	4117	4122	4127	4132	4137	4142	4147	4152	4157	4162	4167	4172	4177	4182	4187	4192	4197	4202	4207	4212	4217	4222	4227	4232	4237	4242	4247	4252	4257	4262	4267	4272	4277	4282	4287	4292	4297	4302	4307	4312	4317	4322	4327	4332	4337	4342	4347	4352	4357	4362	4367	4372	4377	4382	4387	4392	4397	4402	4407	4412	4417	4422	4427	4432	4437	4442	4447	4452	4457	4462	4467	4472	4477	4482	4487	4492	4497	4502	4507	4512	4517	4522	4527	4532	4537	4542	4547	4552	4557	4562	4567	4572	4577	4582	4587	4592	4597	4602	4607	4612	4617	4622	4627	4632	4637	4642	4647	4652	4657	4662	4667	4672	4677	4682	4687	4692	4697	4702	4707	4712	4717	4722	4727	4732	4737	4742	4747	4752	4757	4762	4767	4772	4777	4782	4787	4792	4797	4802	4807	4812	4817	4822	4827	4832	4837	4842	4847	4852	4857	4862	4867	4872	4877	4882	4887	4892	4897	4902	4907	4912	4917	4922	4927	4932	4937	4942	4947	4952	4957	4962	4967	4972	4977	4982	4987	4992	4997	5002	5007	5012	5017	5022	5027	5032	5037	5042	5047	5052	5057	5062	5067	5072	5077	5082	5087	5092	5097	5102	5107	5112	5117	5122	5127	5132	5137	5142	5147	5152	5157	5162	5167	5172	5177	5182	5187	5192	5197	5202	5207	5212	5217	5222	5227	5232	5237	5242	5247	5252	5257	5262	5267	5272	5277	5282	5287	5292	5297	5302	5307	5312	5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NP	R-ORD	Z-ORD	R-LUAD	Z-LOAD	R-DISP	Z-DISP
1	.001	.188	0.000	0.000		
2	.033	.185	0.000	0.000		
3	.064	.176	0.000	0.000		
4	.094	.162	0.000	0.000		
5	.121	.144	0.000	0.000		
6	.144	.121	0.000	0.000		
7	.162	.094	0.000	0.000		
8	.176	.064	0.000	0.000		
9	.185	.033	0.000	0.000		
10	.188	0.000	0.000	0.000		
11	.001	.220	0.000	0.000		
12	.038	.217	0.000	0.000		
13	.075	.207	0.000	0.000		
14	.110	.191	0.000	0.000		
15	.142	.169	0.000	0.000		
16	.169	.142	0.000	0.000		
17	.191	.110	0.000	0.000		
18	.207	.075	0.000	0.000		
19	.217	.038	0.000	0.000		
20	.220	0.000	0.000	0.000		
21	.001	.260	0.000	0.000		
22	.085	.256	0.000	0.000		
23	.089	.244	0.000	0.000		
24	.130	.225	0.000	0.000		
25	.167	.199	0.000	0.000		
26	.199	.167	0.000	0.000		
27	.225	.130	0.000	0.000		
28	.244	.089	0.000	0.000		
29	.256	.085	0.000	0.000		
30	.260	0.000	0.000	0.000		
31	.001	.320	0.000	0.000		
32	.056	.315	0.000	0.000		
33	.109	.301	0.000	0.000		
34	.160	.277	0.000	0.000		
35	.206	.245	0.000	0.000		
36	.245	.206	0.000	0.000		
37	.277	.160	0.000	0.000		
38	.301	.109	0.000	0.000		
39	.315	.056	0.000	0.000		
40	.320	0.000	0.000	0.000		
41	.001	.380	0.000	0.000		
42	.066	.374	0.000	0.000		
43	.130	.357	0.000	0.000		
44	.190	.329	0.000	0.000		
45	.244	.291	0.000	0.000		
46	.291	.244	0.000	0.000		
47	.329	.190	0.000	0.000		
48	.357	.130	0.000	0.000		
49	.374	.066	0.000	0.000		
50	.380	0.000	0.000	0.000		
51	.001	.460	0.000	0.000		
52	.080	.453	0.000	0.000		
53	.157	.432	0.000	0.000		
54	.230	.398	0.000	0.000		
55	.296	.352	0.000	0.000		
56	.352	.296	0.000	0.000		
57	.398	.230	0.000	0.000		
58	.432	.157	0.000	0.000		
59	.453	.080	0.000	0.000		
60	.460	0.000	0.000	0.000		
61	.001	.540	0.000	0.000		

DATA DOCUMENTATION

62	.185	.507	0.000	0.000
63	.185	.507	0.000	0.000
64	.270	.468	0.000	0.000
65	.347	.414	0.000	0.000
66	.414	.547	0.000	0.000
67	.468	.270	0.000	0.000
68	.507	.185	0.000	0.000
69	.532	.094	0.000	0.000
70	.540	0.000	0.000	0.000
71	.001	.640	0.000	0.000
72	.111	.630	0.000	0.000
73	.219	.601	0.000	0.000
74	.320	.554	0.000	0.000
75	.411	.490	0.000	0.000
76	.490	.411	0.000	0.000
77	.554	.320	0.000	0.000
78	.601	.219	0.000	0.000
79	.630	.111	0.000	0.000
80	.640	0.000	0.000	0.000
81	.001	.740	0.000	0.000
82	.111	.740	0.000	0.000
83	.219	.740	0.000	0.000
84	.320	.740	0.000	0.000
85	.411	.580	0.000	0.000
86	.554	.490	0.000	0.000
87	.700	.366	0.000	0.000
88	.700	.200	0.000	0.000
89	.700	.120	0.000	0.000
90	.700	0.000	0.000	0.000
91	.001	.870	0.000	0.000
92	.111	.870	0.000	0.000
93	.219	.870	0.000	0.000
94	.320	.870	0.000	0.000
95	.411	.870	0.000	0.000
96	.411	.720	0.000	0.000
97	.554	.720	0.000	0.000
98	.554	.580	0.000	0.000
99	.700	.490	0.000	0.000
100	.860	.366	0.000	0.000
101	.860	.200	0.000	0.000
102	.860	0.000	0.000	0.000
103	.001	1.000	0.000	0.000
104	.111	1.000	0.000	0.000
105	.219	1.000	0.000	0.000
106	.320	1.000	0.000	0.000
107	.411	1.000	0.000	0.000
108	.554	1.000	0.000	0.000
109	.554	.870	0.000	0.000
110	.700	.870	0.000	0.000
111	.700	.720	0.000	0.000
112	.700	.600	0.000	0.000
113	.860	.520	0.000	0.000
114	1.180	0.000	0.000	0.000
115	1.180	.200	0.000	0.000
116	1.180	.400	0.000	0.000
117	1.180	.600	0.000	0.000
118	1.180	.800	0.000	0.000
119	1.180	1.000	0.000	0.000
120	.700	1.000	0.000	0.000
121	.860	1.000	0.000	0.000
122	.860	.840	0.000	0.000
123	.860	.680	0.000	0.000
124	1.500	0.000	0.000	0.000
125	1.500	.200	0.000	0.000
126	1.500	.400	0.000	0.000
127	1.500	.600	0.000	0.000

NP	R-ORD	Z-ORD	R-LOAD	Z-LOAD	R-DISP	Z-DISP
186	5.500	0.000	-1521.935	0.000		
187	5.500	0.500	-3043.870	0.000		
188	5.500	1.000	-3043.870	0.000		
189	5.500	1.500	-3043.870	0.000		
190	5.500	2.000	-1521.935	0.000		
TOTAL AREA = .83179E+01						

APPENDIX E

PARTIAL LISTING OF COMPUTER OUTPUT
FROM CREEP-PLAST

In this appendix is presented the output from the code CREEP-PLAST corresponding to Figures 4 and 5 in Section II. Since quite a voluminous amount of output is generated only the more important time steps have been included. The entire output is available upon request. Note that times in this output are "seconds" and not "hours". The output for the following time steps have been included in this Appendix:

<u>Time Step No.</u>	<u>Time (sec.)</u>
1	7.0
32	30.0
43	1,000.0
44	2,000.0
45	3,000.0
46	4,000.0
47	5,000.0
48	6,000.0
49	7,000.0
50	8,000.0
51	9,000.0
52	10,000.0
62	20,000.0
72	30,000.0
91	50,000.0
105	80,000.0

← not here

TIME 1 = 7.000HOURS AT PRESSURE = .4670 0.0000 0.0000 AND AT TEMPERATURE = 1.0000

MODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	-.3162E-03	2	.1578E-03	-.3253E-03	3	.3191E-03	-.2965E-03	4	.4647E-03
5	.6036E-03	-.2394E-03	6	.7200E-03	-.2011E-03	7	.8147E-03	-.1549E-03	8	.8908E-03
9	.9275E-03	-.5353E-04	10	.9510E-03	0.	11	0.	-.3650E-03	12	.1312E-03
13	.2637E-03	-.3194E-03	14	.4055E-03	-.2651E-03	15	.5384E-03	-.2118E-03	16	.6720E-03
17	.7871E-03	-.1024E-03	18	.8770E-03	-.6289E-04	19	.9402E-03	-.2787E-04	20	.9554E-03
21	0.	-.3760E-03	22	.1160E-03	-.3689E-03	23	.2455E-03	-.3222E-03	24	.3727E-03
25	.5169E-03	-.1982E-03	26	.6493E-03	-.1322E-03	27	.7783E-03	-.8167E-04	28	.8742E-03
29	.9451E-03	-.1761E-04	30	.9702E-03	0.	31	0.	-.5986E-03	32	.1196E-03
33	.2420E-03	-.3483E-03	34	.3825E-03	-.2727E-03	35	.5190E-03	-.1398E-03	36	.6666E-03
37	.7941E-03	-.7441E-04	38	.9035E-03	-.5913E-04	39	.9732E-03	-.1321E-04	40	.9975E-03
41	0.	-.4110E-03	42	.1269E-03	-.3973E-03	43	.2650E-03	-.3518E-03	44	.4033E-03
45	.5571E-03	-.2151E-03	46	.6892E-03	-.1423E-03	47	.8381E-03	-.8722E-04	48	.9444E-03
49	.1018E-02	-.1863E-04	50	.1041E-02	0.	51	0.	-.4381E-03	52	.1473E-03
53	.2965E-03	-.3779E-03	54	.4578E-03	-.3133E-03	55	.6131E-03	-.2377E-03	56	.7728E-03
57	.9084E-03	-.1035E-03	58	.1023E-02	-.5992E-04	59	.1094E-02	-.2450E-04	60	.1121E-02
61	0.	-.4677E-03	62	.1670E-03	-.4524E-03	63	.3404E-03	-.4077E-03	64	.5112E-03
65	.6883E-03	-.2675E-03	66	.8497E-03	-.1901E-03	67	.9983E-03	-.1282E-03	68	.1111E-02
69	.1188E-02	-.3430E-04	70	.1212E-02	0.	71	0.	-.5131E-03	72	.1960E-03
73	.5917E-03	-.4497E-03	74	.5898E-03	-.3810E-03	75	.7802E-03	-.3017E-03	76	.9632E-03
77	.1114E-02	-.1520E-03	78	.1238E-02	-.9389E-04	79	.1315E-02	-.4307E-04	80	.1343E-02
81	0.	-.5612E-03	82	.1904E-03	-.5531E-03	83	.3813E-03	-.5274E-03	84	.5609E-03
85	.7562E-03	-.3657E-03	86	.1048E-02	-.2643E-03	87	.1344E-02	-.1719E-03	88	.1382E-02
89	.1412E-02	-.4708E-04	90	.1425E-02	0.	91	0.	-.6508E-03	92	.1858E-03
93	.3691E-03	-.6023E-03	94	.5448E-03	-.5744E-03	95	.7050E-03	-.5485E-03	96	.7306E-03
97	.9897E-03	-.4163E-03	98	.1021E-02	-.3248E-03	99	.1306E-02	-.2445E-03	100	.1607E-02
101	.1638E-02	-.8376E-04	102	.1655E-02	0.	103	0.	-.6970E-03	104	.1756E-03
105	.5515E-03	-.6723E-03	106	.5204E-03	-.6494E-03	107	.6786E-03	-.6241E-03	108	.9317E-03
109	.9600E-03	-.5089E-03	110	.1221E-02	-.4746E-03	111	.1250E-02	-.5844E-03	112	.1274E-02
113	.1574E-02	-.2438E-03	114	.2133E-02	0.	115	.2151E-02	-.7497E-04	116	.2116E-02
117	.2103E-02	-.2517E-03	118	.2083E-02	-.3604E-03	119	.2057E-02	-.4751E-03	120	.1195E-02
121	.1486E-02	-.5212E-03	122	.1512E-02	-.4280E-03	123	.1541E-02	-.5341E-03	124	.2614E-02
125	.2615E-02	-.6563E-04	126	.2625E-02	-.1322E-03	127	.2632E-02	-.2129E-03	128	.2647E-02
129	.2644E-02	-.4261E-03	130	.2981E-02	0.	131	.2986E-02	-.7098E-04	132	.3014E-02
133	.3068E-02	-.2379E-03	134	.3153E-02	-.3469E-03	135	.3333E-02	0.	136	.3347E-02
137	.3376E-02	-.1267E-03	138	.3474E-02	-.1869E-03	139	.3696E-02	-.3091E-03	140	.3676E-02
141	.3694E-02	-.5979E-04	142	.3712E-02	-.1188E-03	143	.3857E-02	-.1830E-03	144	.4256E-02
145	.4085E-02	0.	146	.4128E-02	-.5823E-04	147	.4085E-02	-.1153E-03	148	.4283E-02
149	.4528E-02	-.2446E-03	150	.5031E-02	-.3027E-03	151	.4487E-02	0.	152	.4460E-02
153	.4603E-02	-.1810E-03	154	.4695E-02	-.2113E-03	155	.4873E-02	-.3554E-03	156	.5164E-02
157	.5743E-02	-.4368E-03	158	.4829E-02	0.	159	.4873E-02	-.1490E-03	160	.5020E-02
161	.5213E-02	-.4208E-03	162	.5506E-02	-.5302E-03	163	.5820E-02	-.5729E-03	164	.5969E-02
165	.5986E-02	-.5816E-03	166	.5986E-02	0.	167	.5279E-02	-.2376E-03	168	.5507E-02
169	.5827E-02	-.6161E-03	170	.6055E-02	-.6722E-03	171	.5752E-02	0.	172	.5808E-02
173	.5968E-02	-.4440E-03	174	.6168E-02	-.5889E-03	175	.6279E-02	-.7216E-03	176	.6254E-02
177	.6301E-02	-.2194E-03	178	.6410E-02	-.4074E-03	179	.6339E-02	-.5821E-03	180	.6610E-02
181	.6725E-02	0.	182	.6761E-02	-.2098E-03	183	.6845E-02	-.4084E-03	184	.6941E-02
185	.6992E-02	-.7124E-03	186	.7182E-02	0.	187	.7205E-02	-.2341E-03	188	.7279E-02
189	.7557E-02	-.6081E-03	190	.7407E-02	-.7492E-03					

18665

54	2167	-887	-366	68	2168	-367	0	23475	0	3496	261	23478	3095	0	21758	2129	0	0	0	56
57	2167	-877	-422	378	2217	-436	-4	23676	0	3493	1454	23781	3389	0	22280	2180	0	0	0	57
58	2065	-795	-454	243	2071	-460	-2	21969	0	1867	935	22014	2562	0	20851	2040	0	0	0	58
59	2131	-783	-540	455	2150	-559	-4	22395	0	1867	1799	22545	1719	0	21735	2126	0	0	0	59
60	2334	-751	-608	-27	2334	-608	0	23712	0	-438	-104	23713	-439	0	23936	2302	0	0	0	60
61	2325	-825	-852	55	2326	-852	0	23449	0	-975	-206	23451	-976	0	23954	2343	0	0	0	61
62	2149	-610	-910	-284	2150	-916	2	21211	0	-2501	-1101	21262	-2352	0	22831	2204	0	0	0	62
63	2101	-596	-890	-264	2107	-896	2	20730	0	-2461	-1034	20777	-2307	0	22021	2154	0	0	0	63
64	2094	-531	-1015	-988	2171	-1092	8	20180	0	-3721	-3799	20769	-4310	0	23227	2272	0	0	0	64
65	1902	-899	-899	-878	1986	-965	8	18618	0	-3044	-3375	19132	-3558	0	21157	2064	0	0	0	65
66	1653	-399	-443	-1170	1783	-973	12	15771	0	-3412	-4497	16774	-4414	0	19467	1894	0	0	0	66
67	1471	-368	-683	-947	1570	-782	11	14288	0	-2267	-3639	15052	-5032	0	16775	1641	0	0	0	67
68	1292	-330	-622	-1400	1521	-850	18	12471	0	-2241	-5380	14229	-3999	0	16594	1623	0	0	0	68
69	1087	-311	-454	-900	1209	-576	15	10754	0	-1100	-3460	11691	-2036	0	12831	1255	0	0	0	69
70	910	-258	-584	-924	1058	-533	17	8987	0	-968	-3553	10125	-2106	0	11326	1108	0	0	0	70
71	803	-254	-285	-331	827	-310	8	8129	0	-239	-1273	8119	-429	0	8541	835	0	0	0	71
72	752	-243	-237	-372	766	-272	10	7094	0	45	-1432	7764	-220	0	7876	770	0	0	0	72
73	1952	-794	-338	-180	1956	-342	-2	21110	0	3502	692	21138	3475	0	19632	1920	0	0	0	73
74	1861	-751	-535	115	1862	-537	-1	20076	0	3194	442	20088	3182	0	18700	1829	0	0	0	74
75	1806	-750	-383	379	1922	-399	-4	20417	0	2815	1459	20537	2695	0	19331	1891	0	0	0	75
76	2069	-747	-551	231	2074	-556	-2	21644	0	1504	849	21684	1467	0	20988	2053	0	0	0	76
77	2137	-741	-631	426	2153	-607	-4	22123	0	849	1638	22208	724	0	21895	2142	0	0	0	77
78	2036	-657	-701	172	2038	-704	-1	20697	0	-339	662	20718	-560	0	20901	2045	0	0	0	78
79	2075	-654	-741	219	2080	-746	-2	20998	0	-652	843	21031	-685	0	21382	2092	0	0	0	79
80	2187	-618	-932	-247	2192	-937	2	21564	0	-2413	-951	21602	-2451	0	22926	2243	0	0	0	80
81	1947	-512	-896	-546	1963	-922	5	18828	0	-2504	-927	18234	-2341	0	22496	2201	0	0	0	81
82	1847	-514	-803	-517	1872	-828	5	18147	0	-2218	-1987	18339	-2410	0	22784	2033	0	0	0	82
83	1807	-514	-803	-517	1872	-828	5	18147	0	-2218	-1987	18339	-2410	0	19656	1923	0	0	0	83
84	1774	-465	-829	-1065	1879	-934	11	17215	0	-1676	-1611	14422	-2486	0	20064	1963	0	0	0	84
85	1605	-459	-672	-862	1684	-751	10	15864	0	-1642	-3314	16420	-2248	0	17702	1732	0	0	0	85
86	1386	-385	-603	-940	1491	-709	12	13612	0	-1676	-1611	14422	-2486	0	15813	1547	0	0	0	86
87	1258	-386	-472	-635	1314	-528	10	12641	0	-656	-2440	13074	-1090	0	13653	1335	0	0	0	87
88	1119	-364	-380	-852	1232	-483	14	11401	0	-126	-3274	12266	-5931	0	12790	1251	0	0	0	88
89	1018	-361	-284	-295	1034	-300	6	10603	0	592	-1134	10730	465	0	10505	1027	0	0	0	89
90	988	-335	-306	-243	999	-317	5	10175	0	224	-936	10263	137	0	10195	997	0	0	0	90
91	1799	-703	-370	132	1801	-372	-1	19230	0	2538	509	19246	2542	0	18109	1771	0	0	0	91
92	1860	-705	-427	97	1861	-428	-1	19719	0	2141	372	19727	2133	0	18752	1834	0	0	0	92
93	1904	-705	-472	346	1916	-485	-4	20051	0	1787	1330	20148	1691	0	19357	1894	0	0	0	93
94	1840	-667	-525	208	1846	-531	-2	19579	0	1094	955	19629	1044	0	19128	1871	0	0	0	94
95	1943	-671	-581	379	1957	-595	-1	20094	0	691	1456	20202	543	0	19917	1948	0	0	0	95
96	2030	-642	-726	148	2032	-728	-1	20539	0	-643	570	20554	-658	0	20491	2044	0	0	0	96
97	2068	-642	-764	192	2071	-767	-1	20825	0	-937	740	20851	-962	0	21348	2088	0	0	0	97
98	1989	-578	-794	-49	1989	-814	0	19731	0	-1810	-189	19732	-1811	0	20698	2025	0	0	0	98
99	1985	-586	-794	-70	1986	-794	0	19766	0	-1593	-269	19770	-1596	0	20614	2017	0	0	0	99
100	1967	-542	-864	-485	1987	-885	4	19286	0	-2474	-1864	19445	-2633	0	20886	2043	0	0	0	100
101	1891	-543	-777	-456	1900	-796	4	18636	0	-1794	-1754	18785	-1943	0	19829	1940	0	0	0	101
102	1715	-475	-749	-648	1757	-791	7	16839	0	-2102	-2491	17161	-2424	0	18493	1809	0	0	0	102
103	1625	-485	-640	-544	1658	-673	6	16215	0	-1193	-2131	16472	-1450	0	17243	1687	0	0	0	103
104	1495	-449	-582	-842	1577	-664	11	14947	0	-1015	-3238	15579	-1647	0	16465	1611	0	0	0	104
105	1374	-450	-555	-544	1415	-500	8	14021	0	-67	-2132	14336	-343	0	14532	1421	0	0	0	105
106	1274	-411	-438	-544	1316	-480	8	12956	0	-201	-2091	13280	-525	0	13550	1325	0	0	0	106
107	1214	-415	-370	-215	1221	-378	3	12521	0	341	-628	12577	285	0	12437	1216	0	0	0	107
108	1146	-413	-306	-229	1155	-315	4	11992	0	824	-843	12062	754	0	11703	1145	0	0	0	108
109	1799	-662	-453	125	1800	-455	-1	18915	0	-1603	-480	18929	-1590	0	18185	1779	0	0	0	109
110	1808	-650	-458	102	1780	-459	-1	18668	0	1475	394	18677	1466	0	17988	1760	0	0	0	110
111	1808	-650	-458	102	1780	-459	-1	18668	0	1475	394	18677	1466	0	18395	1799	0	0	0	111
112	1871	-641	-549	203	1875	-574	-2	19308	0	548	781	19341	515	0	18088	1867	0	0	0	112
113	1929	-643	-622	328	1939	-633	-5	19769	0	-547	739	19835	-575	0	19329	1891	0	0	0	113
114	1877	-596	-667	192	1881	-670	-2	19007	0	-474	684	19656	-497	0	19910	1948	0	0	0	114
115	1936	-618	-680	180	1939	-683	-1	19632	0	-1577	-194	19676	-1579	0	20512	2007	0	0	0	115
116	1976	-584	-789	-50	1976	-789	0	19675	0	-1577	-194	19676	-1579	0	20409	1997	0	0	0	116
117	1969	-589	-772	-65	1969	-773	0	19663	0	-1410	-249	19666	-1413	0	20409	1997	0	0	0	117
118	1863	-535	-775	-244	1860	-781	2	18440	0	-1844	-948	18483	-1846	0	19495	1907	0	0	0	118
119	1807	-550	-689	-250	1814	-695	2	18126	0	-1064	-961	18174	-1112	0	18755	1835	0	0	0	119
120	1747	-511	-709	-568	1779	-741	6	17355	0	-1521	-2185	17605	-1770	0	18553	1815	0	0	0	120
121	1660	-516	-610	-474	1684	-635	5	16729	0	-721	-1824	16918	-910	0	17591	1701	0	0	0	121

122	1555	-404	-579	-520	1565	-611	6	1550A	0	-844	-1999	15440	-1046	0	16211	1586	0	0	0	122
123	1465	-483	-483	-367	1482	-500	5	14975	0	-5	-1410	15106	-134	0	0	15174	1484	0	0	123
124	1376	-466	-429	-483	1407	-460	7	14158	0	287	-1807	14002	43	0	0	14381	1407	0	0	124
125	1314	-468	-367	-171	1323	-372	2	13740	0	774	-659	13773	741	0	0	15018	1312	0	0	125
126	1304	-451	-387	-135	1307	-390	2	13493	0	440	-519	13514	470	0	0	15285	1299	0	0	126
127	1775	-615	-525	-62	1726	-625	0	14379	0	695	-234	14385	692	0	0	18046	1765	0	0	127
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275	939	-284	-361	592	1003	-425	-12	9410	0	586	2276	9904	-1080	0	10486	1026	0	0	275
276	712	-207	-291	623	801	-480	-15	7063	0	650	2395	7747	-1334	0	8493	831	0	0	276
277	645	-254	-149	725	788	-272	-21	6910	0	958	2789	8013	-144	0	8086	791	0	0	277
278	218	-103	-112	244	553	-144	-14	3266	0	70	939	3512	-316	0	3681	360	0	0	278
279	218	-93	-29	275	280	-91	-23	2395	0	487	1059	2867	15	0	2859	279	0	0	279
280	90	-30	-29	140	123	-62	-24	929	0	3	540	1178	-245	0	1318	128	0	0	280
281	1104	-310	-475	160	1108	-479	-2	10871	0	1269	615	10902	-1300	0	11607	1135	0	0	281
282	1056	-298	-451	136	1059	-454	-2	10412	0	1176	523	10435	-1200	0	11084	1084	0	0	282
283	1056	-300	-447	343	1076	-466	-6	10426	0	1132	1319	10575	-1281	0	11271	1102	0	0	283
284	921	-259	-395	426	955	-429	-8	9073	0	1048	1639	9332	-1307	0	10050	983	0	0	284
285	921	-276	-361	611	990	-430	-12	9203	0	654	2349	9735	-1185	0	10378	1015	0	0	285
286	682	-198	-218	454	733	-330	-12	6723	0	616	1247	7165	-1008	0	7119	755	0	0	286
287	682	-205	-265	276	702	-285	-8	6825	0	460	1060	6976	-611	0	7301	714	0	0	287
288	448	-165	-112	357	500	-164	-16	4713	0	407	1373	5114	6	0	5111	500	0	0	288
289	1005	-278	-438	94	1006	-440	-1	9868	0	1228	362	9840	-1240	0	10555	1032	0	0	289
290	987	-263	-451	124	990	-454	-2	9615	0	1439	479	9636	-1460	0	10445	1021	0	0	290
291	987	-265	-447	332	1006	-466	-6	9629	0	1395	1275	9775	-1541	0	10650	1040	0	0	291
292	844	-249	-376	299	901	-394	-6	8713	0	975	1151	8848	-1110	0	9452	924	0	0	292
293	884	-263	-548	342	907	-371	-7	8820	0	651	1314	8999	-830	0	9442	923	0	0	293
294	742	-228	-278	414	782	-319	-11	7460	0	349	1591	7770	-699	0	8145	796	0	0	294
295	742	-235	-265	235	756	-278	-6	7511	0	733	904	7616	-337	0	7790	762	0	0	295
296	662	-206	-244	177	671	-252	-5	6678	0	290	680	6744	-356	0	6429	678	0	0	296
297	947	-247	-438	94	943	-440	-1	9144	0	1467	362	9156	-1480	0	9979	976	0	0	297
298	919	-245	-419	90	920	-421	-1	8953	0	1334	347	8964	-1346	0	9708	949	0	0	298
299	919	-257	-397	186	925	-403	-4	9038	0	1074	715	9089	-1125	0	9700	949	0	0	299
300	869	-242	-376	215	874	-366	-4	8544	0	1029	827	8620	-1100	0	9220	902	0	0	300
301	869	-256	-348	252	883	-362	-5	8656	0	705	991	8760	-809	0	9191	899	0	0	301
302	802	-257	-321	218	813	-331	-5	7991	0	647	838	8072	-728	0	8460	827	0	0	302
303	802	-254	-286	129	806	-290	-5	8123	0	247	497	8153	-277	0	8295	811	0	0	303
304	764	-256	-244	125	768	-247	-3	7841	0	93	482	7871	-63	0	7840	767	0	0	304
305	913	-219	-468	44	914	-468	-0	8708	0	1910	171	8711	-1912	0	4808	959	0	0	305
306	887	-230	-419	22	887	-419	-0	8585	0	1456	87	8585	-1456	0	9399	919	0	0	306
307	887	-241	-397	118	889	-399	-2	8670	0	1196	455	8691	-1217	0	9360	915	0	0	307
308	868	-228	-405	91	870	-407	-2	8429	0	1166	352	8442	-1379	0	9209	901	0	0	308
309	868	-259	-342	98	870	-344	-2	8671	0	635	378	8686	-651	0	9029	883	0	0	309
310	832	-251	-321	114	835	-324	-2	8332	0	535	438	8353	-557	0	8645	845	0	0	310
311	832	-268	-286	25	832	-286	-0	8464	0	135	97	8465	-136	0	8534	835	0	0	311
312	828	-269	-282	26	828	-282	-0	8437	0	99	99	8438	-101	0	8489	830	0	0	312

TIME 32 = 30.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE = 1.0000

NODAL POINT R-DISPLACEMENT 7-DISPLACEMENT

MODAL POINT R-DISPLACEMENT 7-DISPLACEMENT																																																																																																																																																																																																																																																																																																																																																																																												
1	0.	1129E-03	2	4519E-05	3	9826E-04	4	8814E-04	5	4250E-04	6	8814E-04	7	4250E-04	8	8814E-04	9	4250E-04	10	8814E-04	11	4250E-04	12	8814E-04	13	4250E-04	14	8814E-04	15	4250E-04	16	8814E-04	17	4250E-04	18	8814E-04	19	4250E-04	20	8814E-04	21	4250E-04	22	8814E-04	23	4250E-04	24	8814E-04	25	4250E-04	26	8814E-04	27	4250E-04	28	8814E-04	29	4250E-04	30	8814E-04	31	4250E-04	32	8814E-04	33	4250E-04	34	8814E-04	35	4250E-04	36	8814E-04	37	4250E-04	38	8814E-04	39	4250E-04	40	8814E-04	41	4250E-04	42	8814E-04	43	4250E-04	44	8814E-04	45	4250E-04	46	8814E-04	47	4250E-04	48	8814E-04	49	4250E-04	50	8814E-04	51	4250E-04	52	8814E-04	53	4250E-04	54	8814E-04	55	4250E-04	56	8814E-04	57	4250E-04	58	8814E-04	59	4250E-04	60	8814E-04	61	4250E-04	62	8814E-04	63	4250E-04	64	8814E-04	65	4250E-04	66	8814E-04	67	4250E-04	68	8814E-04	69	4250E-04	70	8814E-04	71	4250E-04	72	8814E-04	73	4250E-04	74	8814E-04	75	4250E-04	76	8814E-04	77	4250E-04	78	8814E-04	79	4250E-04	80	8814E-04	81	4250E-04	82	8814E-04	83	4250E-04	84	8814E-04	85	4250E-04	86	8814E-04	87	4250E-04	88	8814E-04	89	4250E-04	90	8814E-04	91	4250E-04	92	8814E-04	93	4250E-04	94	8814E-04	95	4250E-04	96	8814E-04	97	4250E-04	98	8814E-04	99	4250E-04	100	8814E-04	101	4250E-04	102	8814E-04	103	4250E-04	104	8814E-04	105	4250E-04	106	8814E-04	107	4250E-04	108	8814E-04	109	4250E-04	110	8814E-04	111	4250E-04	112	8814E-04	113	4250E-04	114	8814E-04	115	4250E-04	116	8814E-04	117	4250E-04	118	8814E-04	119	4250E-04	120	8814E-04	121	4250E-04	122	8814E-04	123	4250E-04	124	8814E-04	125	4250E-04	126	8814E-04	127	4250E-04	128	8814E-04	129	4250E-04	130	8814E-04	131	4250E-04	132	8814E-04	133	4250E-04	134	8814E-04	135	4250E-04	136	8814E-04	137	4250E-04	138	8814E-04	139	4250E-04	140	8814E-04	141	4250E-04	142	8814E-04	143	4250E-04	144	8814E-04	145	4250E-04	146	8814E-04	147	4250E-04	148	8814E-04	149	4250E-04	150	8814E-04	151	4250E-04	152	8814E-04	153	4250E-04	154	8814E-04	155	4250E-04	156	8814E-04	157	4250E-04	158	8814E-04	159	4250E-04	160	8814E-04	161	4250E-04	162	8814E-04	163	4250E-04	164	8814E-04	165	4250E-04	166	8814E-04	167	4250E-04	168	8814E-04	169	4250E-04	170	8814E-04	171	4250E-04	172	8814E-04	173	4250E-04	174	8814E-04	175	4250E-04	176	8814E-04	177	4250E-04	178	8814E-04	179	4250E-04	180	8814E-04	181	4250E-04	182	8814E-04	183	4250E-04	184	8814E-04	185	4250E-04	186	8814E-04	187	4250E-04	188	8814E-04	189	4250E-04	190	8814E-04

TIME	32 =	30.000 HOURS AT PRESSURE =	-1670	0.0000	0.0000 AND AT TEMPERATURE =	1.0000	ALFA/SIG-2/	ELAST/EPSEFF/	ELMR/PLA/LELM
1	143	EPS-1/	EPS-2	/SIG-2	/SIG-2	10000	10000	10000	10000
2	-514	87	35	-366	90	-1263	-697	-1210-10583	15949 10032
3	-1052	466	81	-540	142	-1114	78	-33884	10573 11509
4	-1429	-82	389	24	1429	-80	-1429	-80	19140 35540
5	-1737	541	302	373	319	-1754	-80	-24378	15378 24223
6	-1058	416	173	353	199	-1063	-81	-11506	10973 31
7	-1018	391	210	279	226	-1034	-83	-11072	1039 24
8	-1169	520	98	1439	423	-1495	-65	-13237	10624 1039
9	-671	285	84	1040	349	-936	-62	-7512	1510 27
10	-534	224	69	700	229	-695	-55	-5903	966 20
11	-335	121	84	450	182	-433	-66	-3594	714 18
12	-332	123	67	506	192	-446	-64	-3518	454 11
13	-157	-21	202	141	216	-170	-79	-1066	468 10
14	-164	16	128	380	221	-237	-63	-1438	263 8
15	-58	-49	161	79	168	-65	-60	-69	323 9
16	-195	-109	426	31	426	-196	-88	-678	177 6
17	-170	-162	510	-127	516	-176	84	-60	457 16
18	-86	221	147	240	240	-59	-75	-372	536 18
19	-715	223	238	82	240	-717	-87	-7623	246 8
20	-487	59	66	-57	67	-489	-89	-10153	747 31
21	-972	407	112	-234	125	-985	84	-11267	959 487
22	-771	323	95	-139	100	-776	85	-8785	1018 55
23	-885	353	150	-250	165	-900	83	-9455	8079 790
24	-1078	403	240	297	256	-1095	-83	-11775	910 28
25	-1073	388	270	242	281	-1084	-84	-11554	910 28
26	-821	275	250	195	259	-830	-84	-8707	3345 11389
27	-799	251	279	141	286	-804	-85	-8306	1101 29
28	-785	238	291	672	307	-881	-73	-8090	0 8729
29	-625	174	265	504	331	-692	-75	-6323	0 854
30	-500	120	250	583	350	-600	-71	-4917	0 8488
31	-381	81	212	399	273	-442	-72	-3659	0 9516
32	-331	46	236	534	342	-437	-68	-2993	0 9300
33	-237	4	228	278	266	-275	-74	-1914	0 5414
34	-144	6	131	407	239	-252	-62	-1199	0 3738
35	-88	-9	109	89	118	-98	-77	-617	0 3394
36	-131	-42	221	139	234	-145	-79	-704	0 3306
37	-715	253	174	76	181	-717	-87	-7805	0 1506
38	-679	268	116	10	116	-679	-89	-7608	0 147
39	-690	268	127	-49	127	-691	88	-7696	0 2720
40	-729	295	110	18	110	-729	-89	-8270	0 7553
41	-817	312	164	-99	167	-820	87	-9060	0 7066
42	-725	271	160	-88	162	-727	87	-7966	0 7195
43	-780	270	218	-156	224	-786	85	-8372	0 7646
44	-873	267	317	169	323	-879	-85	-9080	0 8246
45	-863	253	337	137	341	-866	-86	-8462	0 9378
46	-708	184	325	272	343	-726	-82	-7103	0 9278
47	-669	175	304	242	319	-684	-82	-6706	0 7964
48	-637	151	323	591	407	-721	-74	-6264	0 7475
49	-533	129	266	408	324	-591	-75	-5253	0 8153
50	-400	91	211	501	301	-490	-70	-4904	0 6636
51	-326	82	155	317	203	-374	-73	-3241	0 5654
52	-270	59	147	432	239	-362	-67	-2617	0 4191
53	-217	49	114	139	128	-231	-78	-2115	0 4253
54	-179	49	76	140	94	-197	-75	-1813	0 2605
55	-654	244	141	-15	141	-654	89	-7195	0 2160
56	-678	257	138	16	138	-678	-89	-7517	0 6803
57	-689	258	148	-39	149	-689	88	-7604	0 7081
58	-655	253	125	-57	126	-656	87	-7278	0 692
59	-683	251	157	-135	163	-688	85	-7485	0 704
60	-717	248	199	-53	199	-717	88	-7734	0 7571

61	-769	248	252	-116	256	-772	86	-8151	0	55	-444	74	-8155	0	8195	801	27	0	0	61
62	-723	216	273	-2	290	-744	-89	-7505	0	470	22	470	-7506	0	7752	758	26	0	0	62
63	-744	218	290	-2	290	-744	-89	-7668	0	590	7	590	-7668	0	7979	740	25	0	0	63
64	-742	193	339	253	354	-756	-83	-7451	0	1177	1028	1298	-7572	0	8298	811	26	0	0	64
65	-708	188	316	232	329	-721	-83	-7128	0	1027	901	1134	-7236	0	7865	769	24	0	0	65
66	-604	148	294	307	327	-636	-79	-5989	0	1165	1398	1429	-6253	0	7077	692	22	0	0	66
67	-556	149	246	292	271	-581	-79	-5603	0	774	1175	983	-5812	0	6361	622	19	0	0	67
68	-482	127	218	477	291	-556	-72	-4850	0	730	1904	1318	-5436	0	6203	606	18	0	0	68
69	-413	122	159	308	198	-452	-75	-4256	0	304	1232	616	-4568	0	4905	480	14	0	0	69
70	-345	100	136	311	182	-391	-75	-3542	0	289	1244	658	-5911	0	4278	418	12	0	0	70
71	-309	100	101	115	109	-317	-82	-3256	0	14	461	78	-3320	0	3360	328	9	0	0	71
72	-277	97	76	131	88	-289	-79	-2978	0	-159	525	-65	-3072	0	3040	297	9	0	0	72
73	-654	239	152	-14	152	-654	89	-7151	0	-722	-66	-721	-7151	0	6820	667	22	0	0	73
74	-626	234	137	-70	137	-626	89	-6880	0	-792	-60	-792	-6880	0	6520	638	21	0	0	74
75	-633	232	147	-45	160	-635	87	-6928	0	-697	-292	-683	-6942	0	6627	648	22	0	0	75
76	-654	236	159	-117	193	-685	86	-7349	0	-367	-474	-335	-7381	0	7220	706	24	0	0	76
77	-681	235	189	-117	203	-665	87	-7079	0	-140	-280	-128	-7090	0	7027	687	24	0	0	77
78	-663	221	202	-71	203	-665	87	-7079	0	-140	-280	-128	-7090	0	7027	687	24	0	0	78
79	-688	222	225	-97	227	-690	87	-7276	0	35	-382	55	-7296	0	7324	716	24	0	0	79
80	-715	210	277	15	277	-715	-89	-7402	0	551	75	552	-7403	0	7694	752	26	0	0	80
81	-734	211	294	10	294	-734	-89	-7546	0	670	57	671	-7547	0	7904	773	25	0	0	81
82	-668	182	289	122	293	-672	-86	-6787	0	865	501	898	-6819	0	7310	715	23	0	0	82
83	-655	185	270	122	274	-659	-86	-6700	0	686	501	720	-6734	0	7122	696	22	0	0	83
84	-630	167	282	311	308	-656	-80	-6358	0	925	1255	1136	-6568	0	7204	704	22	0	0	84
85	-585	167	237	259	257	-605	-81	-5994	0	558	1044	721	-6156	0	6507	640	20	0	0	85
86	-504	141	211	289	239	-532	-78	-5138	0	560	1164	788	-5367	0	5802	567	18	0	0	86
87	-466	143	169	200	184	-482	-81	-4850	0	208	805	333	-4975	0	5150	503	15	0	0	87
88	-414	135	133	282	168	-488	-76	-4369	0	-7	1130	268	-4644	0	4784	468	14	0	0	88
89	-380	134	100	98	105	-385	-84	-4100	0	-268	394	-238	-4140	0	4031	394	11	0	0	89
90	-370	124	110	77	113	-373	-85	-3936	0	-110	312	-84	-3961	0	3919	383	11	0	0	90
91	-613	221	149	-26	149	-613	88	-6673	0	-593	-110	-591	-6675	0	6400	626	20	0	0	91
92	-626	224	157	-15	157	-626	89	-6804	0	-545	-65	-544	-6804	0	6549	640	21	0	0	92
93	-634	223	167	-68	168	-635	87	-6862	0	-459	-283	-447	-6874	0	6662	651	22	0	0	93
94	-625	218	170	-57	171	-627	87	-6747	0	-380	-236	-371	-6756	0	6578	643	22	0	0	94
95	-642	218	187	-96	189	-645	86	-6885	0	-248	-393	-255	-6908	0	6798	665	23	0	0	95
96	-658	213	184	-54	215	-659	88	-6974	0	23	-216	30	-6981	0	6996	684	24	0	0	96
97	-681	213	236	-79	238	-683	87	-7155	0	191	-313	205	-7168	0	7273	711	24	0	0	97
98	-664	198	250	-11	250	-664	89	-6890	0	429	-38	430	-6891	0	7115	696	23	0	0	98
99	-673	201	253	-6	253	-673	89	-6993	0	420	-19	420	-6993	0	7203	704	23	0	0	99
100	-668	187	277	110	280	-671	-86	-6859	0	722	453	749	-6857	0	7260	710	24	0	0	100
101	-654	189	260	109	263	-658	-86	-6733	0	570	445	598	-6760	0	7078	692	22	0	0	101
102	-601	168	250	177	259	-610	-84	-6134	0	660	719	736	-6209	0	6608	646	21	0	0	102
103	-579	172	220	157	227	-586	-84	-5989	0	381	635	403	-6052	0	6285	615	19	0	0	103
104	-535	160	201	255	223	-556	-80	-5540	0	331	1026	505	-5715	0	5484	585	18	0	0	104
105	-499	161	163	170	174	-510	-82	-5260	0	15	685	103	-5348	0	5400	528	16	0	0	105
106	-463	148	155	167	166	-474	-82	-4871	0	59	672	149	-4961	0	5037	492	15	0	0	106
107	-445	149	133	68	135	-447	-86	-4739	0	-126	273	-110	-4755	0	4701	459	14	0	0	107
108	-421	149	110	73	113	-423	-86	-4542	0	-306	294	-286	-4562	0	4426	433	13	0	0	108
109	-413	213	166	-25	166	-613	89	-6607	0	386	-104	-384	-6609	0	6425	628	20	0	0	109
110	-605	211	164	-21	164	-605	89	-6525	0	-385	-88	-384	-6526	0	6342	620	20	0	0	110
111	-611	210	171	-62	172	-613	87	-6574	0	-321	-256	-310	-6584	0	6434	629	21	0	0	111
112	-624	210	185	-47	185	-625	88	-6672	0	-202	-195	-196	-6678	0	6581	644	22	0	0	112
113	-640	210	200	-84	202	-642	87	-6801	0	-78	-344	-60	-6818	0	6788	664	22	0	0	113
114	-629	201	210	-56	211	-630	88	-6643	0	77	-226	84	-6643	0	6686	654	22	0	0	114
115	-647	206	217	-58	218	-638	88	-6820	0	92	-234	100	-6828	0	6878	673	22	0	0	115
116	-626	197	245	-4	245	-636	89	-6824	0	391	-12	391	-6824	0	7028	687	23	0	0	116
117	-663	199	248	-2	248	-663	89	-6894	0	397	-3	397	-6894	0	7101	694	23	0	0	117
118	-634	185	249	54	250	-635	88	-6505	0	519	222	526	-6552	0	6830	668	22	0	0	118
119	-623	189	228	58	229	-624	-87	-6492	0	311	239	320	-6500	0	6666	652	21	0	0	119
120	-605	177	236	133	243	-612	-84	-6247	0	471	622	528	-6304	0	6585	644	21	0	0	120
121	-584	180	209	132	214	-589	-85	-5694	0	235	534	279	-6138	0	6283	614	19	0	0	121
122	-542	165	198	149	149	-550	-84	-5646	0	264	602	325	-5706	0	5876	574	18	0	0	122
123	-523	170	169	107	173	-528	-85	-5530	0	-4	433	29	-5564	0	5579	545	17	0	0	123
124	-484	164	152	146	160	-502	-83	-5249	0	-99	588	-33	-5315	0	5299	518	16	0	0	124
125	-477	165	132	52	133	-476	-87	-5120	0	-262	209	-253	-5129	0	5007	489	15	0	0	125
126	-472	159	139	39	139	-472	-88	-5032	0	-165	160	-160	-5038	0	4959	485	15	0	0	126

193	-534	186	147	13	147	-534	-49	-5805	0	-324	55	-324	-5805	0	5650	552	17	0	193
194	-539	189	145	8	145	-539	-89	-5814	0	-353	33	-353	-5814	0	5646	552	17	0	194
195	-561	189	165	29	166	-561	-88	-5989	0	-190	120	-187	-5992	0	5900	577	18	0	195
196	-561	184	177	33	177	-562	-88	-5951	0	-54	135	-51	-5954	0	5929	580	19	0	196
197	-577	200	154	-16	158	-577	84	-6213	0	-537	-63	-537	-6213	0	6052	592	18	0	197
198	-587	190	190	16	190	-587	-89	-6213	0	-5	68	-5	-6213	0	6211	607	20	0	198
199	-594	197	183	-13	183	-594	89	-6321	0	-106	-53	-105	-6322	0	6270	613	20	0	199
200	-604	195	196	6	196	-604	-89	-6383	0	10	27	10	-6384	0	6369	625	20	0	200
201	-604	195	195	3	195	-604	-89	-6392	0	-4	15	-4	-6392	0	6390	625	20	0	201
202	-609	200	192	-6	192	-609	84	-6464	0	-59	-25	-59	-6464	0	6434	629	20	0	202
203	-625	189	131	0	131	-625	-89	-5701	0	-461	2	-461	-5701	0	5485	536	17	0	203
204	-528	198	113	-14	113	-528	89	-5799	0	-681	-58	-680	-5800	0	5492	537	17	0	204
205	-528	198	115	-30	115	-528	88	-5794	0	-665	-120	-662	-5797	0	5446	537	17	0	205
206	-551	195	145	-11	145	-551	89	-5957	0	-359	-45	-358	-5958	0	5769	564	18	0	206
207	-551	188	158	-14	158	-551	89	-5905	0	-238	-57	-237	-5906	0	5791	566	18	0	207
208	-570	208	137	-59	138	-572	87	-6216	0	-566	-235	-566	-6226	0	5967	583	19	0	208
209	-606	202	183	-35	184	-606	88	-6459	0	-381	-291	-381	-6461	0	5996	586	19	0	209
210	-606	202	183	-35	184	-606	88	-6459	0	-381	-291	-381	-6461	0	5996	586	19	0	210
211	-606	202	183	-35	184	-606	88	-6459	0	-381	-291	-381	-6461	0	5996	586	19	0	211
212	-629	202	207	-49	208	-629	88	-6459	0	-381	-291	-381	-6461	0	5996	586	19	0	212
213	-510	190	113	-3	113	-510	88	-5591	0	-47	-85	-46	-6647	0	6670	622	21	0	213
214	-514	200	97	-21	97	-514	88	-5701	0	-821	-86	-819	-5702	0	5311	519	16	0	214
215	-512	190	115	-55	115	-512	88	-5608	0	-604	-142	-600	-5612	0	5337	522	17	0	215
216	-525	204	98	-66	100	-526	86	-5820	0	-845	-266	-831	-5835	0	5467	534	17	0	216
217	-534	190	137	-57	138	-536	87	-5790	0	-428	-228	-418	-5800	0	5602	548	17	0	217
218	-558	206	127	-121	133	-564	84	-6110	0	-631	-483	-589	-6152	0	5880	575	18	0	218
219	-586	207	152	-90	155	-589	86	-6339	0	-440	-360	-418	-6361	0	6162	602	19	0	219
220	-603	219	147	-178	157	-614	83	-6566	0	-574	-112	-490	-6650	0	6419	628	20	0	220
221	-700	236	207	-105	210	-703	86	-7481	0	-232	-421	-207	-7505	0	7404	724	23	0	221
222	-489	193	86	-19	86	-489	89	-5450	0	-853	-77	-852	-5451	0	5079	496	16	0	222
223	-500	193	97	-19	97	-500	89	-5537	0	-767	-77	-766	-5538	0	5197	508	16	0	223
224	-500	192	98	-51	99	-501	87	-5531	0	-751	-204	-742	-5540	0	5209	509	16	0	224
225	-500	199	85	-65	86	-502	86	-5587	0	-913	-259	-898	-5601	0	5210	509	16	0	225
226	-500	201	80	-168	92	-512	81	-5604	0	-964	-664	-870	-5698	0	5317	520	17	0	226
227	-568	211	127	-147	135	-576	84	-6224	0	-668	-587	-607	-6285	0	6005	587	19	0	227
228	-568	202	147	-188	159	-580	82	-6150	0	-439	-751	-641	-6247	0	6083	595	19	0	228
229	-722	274	149	-339	181	-754	79	-7957	0	-999	-1355	-744	-8212	0	7866	769	25	0	229
230	-476	187	86	-19	86	-476	89	-5294	0	-803	-77	-801	-5296	0	4944	483	15	0	230
231	-481	192	80	-30	81	-481	88	-5376	0	-891	-120	-887	-5379	0	4995	488	15	0	231
232	-481	192	79	-31	79	-481	88	-5380	0	-905	-124	-901	-5384	0	4994	488	15	0	232
233	-466	182	85	-52	86	-467	87	-5177	0	-780	-207	-770	-5186	0	4847	474	15	0	233
234	-466	184	80	-154	91	-476	82	-5193	0	-831	-617	-746	-5279	0	4949	484	15	0	234
235	-522	209	65	-206	102	-539	80	-5842	0	-946	-822	-851	-5978	0	5601	548	17	0	235
236	-522	178	149	-276	177	-550	78	-5598	0	-233	-1104	-15	-5816	0	5809	568	18	0	236
237	-652	268	92	-457	157	-717	74	-7349	0	-1406	-1826	-890	-7865	0	7460	729	23	0	237
238	-452	179	78	-60	80	-454	86	-5043	0	-807	-200	-793	-5056	0	4710	460	15	0	238
239	-481	192	80	-26	80	-481	88	-5372	0	-889	-104	-887	-5374	0	4990	488	15	0	239
240	-481	192	79	-27	79	-481	88	-5376	0	-903	-108	-901	-5379	0	4990	488	15	0	240
241	-413	161	77	-50	78	-414	86	-4581	0	-669	-224	-656	-4593	0	4303	421	13	0	241
242	-413	136	129	-277	162	-446	76	-4382	0	-56	-1106	-209	-4649	0	4757	465	15	0	242
243	-471	185	85	-169	198	-484	81	-5244	0	-792	-675	-692	-5344	0	5033	492	16	0	243
244	-471	178	99	-307	138	-510	75	-5192	0	-633	-1235	-324	-5501	0	5346	523	17	0	244
245	-431	162	92	-352	146	-485	73	-4742	0	-560	-1404	-132	-5170	0	5105	499	16	0	245
246	-495	228	18	-566	144	-620	66	-5775	0	-1676	-2261	-674	-6777	0	6466	632	20	0	246
247	-401	155	78	-80	80	-403	86	-4042	0	-612	-210	-597	-4457	0	4190	410	13	0	247
248	-367	121	132	-25	132	-367	88	-3833	0	-152	101	-155	-3836	0	3916	383	12	0	248
249	-367	121	115	-157	127	-379	80	-3898	0	-45	-826	-53	-3997	0	4024	393	12	0	249
250	-367	121	115	-157	127	-379	80	-3898	0	-45	-826	-53	-3997	0	4024	393	12	0	250
251	-375	214	129	-200	143	-589	82	-6300	0	-679	-799	-567	-6411	0	6147	601	19	0	251
252	-456	160	121	-58	122	-457	87	-4926	0	-316	-231	-305	-4937	0	4792	468	15	0	252
253	-456	171	99	-270	130	-487	77	-5009	0	-573	-1081	-324	-5259	0	5104	499	16	0	253
254	-431	135	114	-185	130	-413	80	-4255	0	-175	-739	-44	-4385	0	4362	426	13	0	254
255	-197	143	98	-303	140	-440	74	-4316	0	-362	-1219	-21	-4657	0	4846	454	14	0	255
256	-240	106	18	-436	142	-264	60	-2765	0	-700	-1730	-290	-3756	0	3909	382	12	0	256
257	-218	101	5	-299	80	-293	63	-2552	0	-768	-1195	-169	-3152	0	3071	300	9	0	257
258	-422	139	132	-17	132	-422	89	-4480	0	-57	-70	-56	-4481	0	4054	435	14	0	258

254	-447	156	162	-166	162	-446	88	-4664	0	-237	-662	207	-4666	0	4713	447	15	0	254
260	-417	145	115	-166	127	-430	81	-4689	0	-237	-662	136	-4590	0	4524	442	14	0	260
261	-178	115	137	-84	140	-382	85	-3446	0	168	-351	194	-3976	0	4079	359	13	0	261
262	-380	126	121	-68	123	-386	86	-4077	0	-41	-274	-22	-4096	0	4084	359	13	0	262
263	-412	143	114	-209	134	-432	79	-4433	0	-233	-834	-73	-4593	0	4557	445	14	0	263
264	-361	110	131	-140	141	-371	82	-3761	0	171	-560	250	-3839	0	3970	388	12	0	264
265	-361	126	98	-309	145	-408	73	-3889	0	-224	-1235	153	-4267	0	4345	425	13	0	265
266	-271	82	94	-196	123	-295	76	-2424	0	133	-783	328	-3018	0	3195	312	10	0	266
267	-203	94	5	-328	96	-293	61	-2374	0	-711	-1312	9	-3100	0	3105	303	9	0	267
268	-84	14	43	-176	88	-129	63	-831	0	191	-703	550	-1190	0	1540	150	4	0	268
269	-84	34	12	-78	25	-98	70	-952	0	-181	-312	-70	-1063	0	1029	100	3	0	269
270	-410	118	162	-49	163	-411	87	-4220	0	349	-197	358	-4228	0	4418	442	14	0	270
271	-415	121	162	-55	163	-417	87	-4290	0	322	-222	333	-4300	0	4476	438	14	0	271
272	-368	110	137	-120	144	-475	83	-3820	0	-209	-480	265	-3877	0	4016	393	12	0	272
273	-381	118	134	-143	144	-590	82	-3983	0	134	-572	212	-4061	0	4171	408	13	0	273
274	-324	92	131	-196	151	-345	78	-3332	0	310	-783	387	-3541	0	3750	367	12	0	274
275	-324	96	123	-204	145	-347	77	-3364	0	210	-813	387	-3541	0	3750	366	12	0	275
276	-246	70	99	-214	130	-276	74	-2527	0	229	-857	474	-2772	0	3037	297	9	0	276
277	-223	86	43	-250	93	-272	68	-2467	0	-338	-998	56	-2863	0	2891	282	9	0	277
278	-111	35	38	-83	49	-122	75	-1170	0	22	-334	110	-1258	0	1516	128	4	0	278
279	-75	31	9	-95	30	-96	65	-855	0	-174	-379	-5	-1025	0	1022	100	3	0	279
280	-31	10	9	-48	20	-42	65	-330	0	-4	-191	84	-419	0	467	45	1	0	280
281	-381	105	162	-55	163	-383	87	-3887	0	453	-220	464	-3896	0	4150	406	13	0	281
282	-365	101	154	-46	155	-366	87	-3723	0	421	-166	430	-3731	0	3964	387	12	0	282
283	-365	101	152	-118	159	-371	83	-3728	0	406	-471	459	-3731	0	4030	394	12	0	283
284	-318	88	134	-147	146	-330	81	-3245	0	373	-586	466	-3338	0	3593	351	11	0	284
285	-318	93	123	-210	147	-342	77	-3290	0	235	-841	425	-3380	0	3711	363	11	0	285
286	-236	67	95	-156	112	-253	77	-2422	0	218	-624	358	-2562	0	2759	270	8	0	286
287	-236	69	90	-94	97	-242	81	-2440	0	164	-378	218	-2494	0	2610	255	8	0	287
288	-155	56	38	-123	56	-173	73	-1686	0	-144	-492	-1	-1829	0	1829	178	5	0	288
289	-347	94	109	-32	150	-248	88	-3528	0	440	-129	444	-3533	0	3775	369	12	0	289
290	-341	89	154	-42	155	-342	87	-3438	0	514	-171	521	-3445	0	3733	365	11	0	290
291	-341	90	152	-114	159	-347	83	-3443	0	498	-456	550	-3495	0	3800	371	12	0	291
292	-305	84	128	-103	134	-311	83	-3116	0	348	-411	396	-3164	0	3380	330	10	0	292
293	-305	89	118	-117	126	-313	82	-3153	0	233	-469	297	-3217	0	3376	330	10	0	293
294	-256	77	95	-142	108	-270	78	-2668	0	139	-569	250	-2779	0	2912	285	9	0	294
295	-256	79	90	-81	95	-261	83	-2686	0	84	-323	121	-2723	0	2786	272	8	0	295
296	-229	70	83	-60	85	-232	84	-2388	0	102	-243	126	-2411	0	2477	242	7	0	296
297	-325	84	149	-32	150	-326	88	-3269	0	524	-129	528	-3274	0	3568	349	11	0	297
298	-317	83	143	-31	143	-318	88	-3201	0	477	-124	481	-3206	0	3472	339	11	0	298
299	-317	87	135	-64	137	-319	85	-3231	0	384	-255	402	-3249	0	3468	339	11	0	299
300	-300	82	128	-74	131	-303	85	-3057	0	567	-295	393	-3083	0	3297	322	10	0	300
301	-300	87	118	-88	123	-305	84	-3095	0	252	-354	289	-3132	0	3286	321	10	0	301
302	-277	80	109	-75	113	-281	84	-2858	0	231	-299	259	-2887	0	3025	296	9	0	302
303	-277	86	97	-44	98	-278	86	-2804	0	84	-177	98	-2815	0	2965	290	9	0	303
304	-264	87	83	-33	84	-265	86	-2804	0	-32	-172	-21	-2815	0	2804	274	8	0	304
305	-315	74	160	-15	160	-315	89	-3114	0	682	-61	683	-3115	0	3507	343	11	0	305
306	-306	78	143	-7	143	-306	89	-3070	0	520	-31	520	-3070	0	3361	328	10	0	306
307	-306	82	135	-80	135	-307	87	-3100	0	427	-163	435	-3107	0	3346	327	10	0	307
308	-300	77	138	-31	139	-300	87	-3105	0	488	-125	492	-3105	0	3294	322	10	0	308
309	-300	88	116	-33	117	-301	87	-3100	0	227	-135	232	-3105	0	3228	315	10	0	309
310	-287	85	109	-39	110	-288	87	-2980	0	191	-156	199	-2987	0	3092	302	9	0	310
311	-287	91	97	-8	97	-287	89	-3026	0	48	-34	49	-3026	0	3051	298	9	0	311
312	-286	91	95	-8	96	-286	89	-3017	0	35	-35	36	-3017	0	3035	297	9	0	312

TIME	43 =	1000.000HOURS AT PRESSURE =	-1670	0.0000	0.0000	AND AT TEMPERATURE =	1.0000
NODAL POINT W-DISPLACEMENT Z-DISPLACEMENT							
1	0.	1529E-03	2	0.	1616E-04	5	0.
5	0.	2418E-03	6	0.	3036E-03	7	0.
9	0.	4107E-03	10	0.	4225E-03	11	0.
13	0.	8501E-04	14	0.	1498E-03	15	0.
17	0.	3397E-03	18	0.	3486E-03	19	0.
21	0.	1580E-03	22	0.	4620E-04	23	0.
25	0.	2124E-03	26	0.	2741E-03	27	0.
29	0.	4203E-03	30	0.	4325E-03	31	0.
33	0.	1051E-03	34	0.	1631E-03	35	0.
37	0.	3488E-03	38	0.	4016E-03	39	0.
41	0.	1871E-03	42	0.	5851E-04	43	0.
45	0.	1093E-03	46	0.	3094E-03	47	0.
49	0.	2459E-03	50	0.	4691E-03	51	0.
53	0.	4580E-03	54	0.	2079E-03	55	0.
57	0.	4103E-03	58	0.	4635E-03	59	0.
61	0.	2252E-03	62	0.	7813E-04	63	0.
65	0.	1381E-03	66	0.	3880E-03	67	0.
69	0.	1952E-04	70	0.	5541E-03	71	0.
73	0.	2248E-03	74	0.	2740E-03	75	0.
77	0.	8308E-04	78	0.	5698E-03	79	0.
81	0.	1894E-03	86	0.	4862E-03	87	0.
85	0.	3519E-03	90	0.	6579E-03	91	0.
89	0.	6524E-03	94	0.	2570E-03	95	0.
93	0.	1744E-03	98	0.	4756E-03	99	0.
97	0.	4635E-03	102	0.	7690E-03	103	0.
101	0.	7619E-03	106	0.	2473E-03	107	0.
105	0.	1675E-03	110	0.	5740E-03	111	0.
109	0.	4516E-03	114	0.	9761E-03	115	0.
113	0.	7355E-03	118	0.	9793E-03	119	0.
117	0.	9871E-03	122	0.	7102E-03	123	0.
121	0.	6990E-03	126	0.	1233E-02	127	0.
125	0.	1228E-02	130	0.	1400E-02	131	0.
129	0.	1246E-02	134	0.	1487E-02	135	0.
133	0.	1444E-02	138	0.	1638E-02	139	0.
137	0.	1588E-02	142	0.	1746E-02	143	0.
141	0.	1738E-02	146	0.	1942E-02	147	0.
145	0.	1921E-02	150	0.	2375E-02	151	0.
149	0.	2134E-02	154	0.	2212E-02	155	0.
153	0.	2169E-02	158	0.	2274E-02	159	0.
157	0.	2714E-02	162	0.	2600E-02	163	0.
161	0.	2459E-02	166	0.	2451E-02	167	0.
165	0.	2830E-02	170	0.	2862E-02	171	0.
169	0.	2752E-02	174	0.	2415E-02	175	0.
173	0.	2418E-02	178	0.	5029E-02	179	0.
177	0.	2977E-02	182	0.	3196E-02	183	0.
181	0.	3179E-02	186	0.	3398E-02	187	0.
185	0.	3307E-02	190	0.	3504E-02	189	0.
189	0.	3481E-02					

TIME	43 =	1000.000HOURS AT PRESSURE	=	-1.670	0.0000	0.0000 AND AT TEMPERATURE	1.0000	ALFA/SIGEFF/ELAST/PSSEFF/ERRK/PLA/ELF*
ELEM/	EPS-H/	EPS-Z/	EPS-H/	EPS-Z/	ANGLA	SIG-K/SIG-	1/SIG-Z/	SIG-Z/
1	-511	-432	-225	-135	-601	-89	-34543	0
2	-933	322	214	-267	-408	88	-11306	0
3	-1452	717	252	-400	-1476	84	-12155	0
4	-1481	335	681	393	-1995	-79	-28358	0
5	-2159	862	530	871	-2228	-78	-20799	0
6	-1305	626	294	641	-1406	-78	-10928	0
7	-1257	563	318	548	-1303	-79	-9918	0
8	-1424	751	178	1460	-1854	-65	-11836	0
9	-685	334	124	947	-1199	-62	-6750	0
10	-425	170	140	622	-502	-65	-5624	0
11	-420	177	125	640	-568	-65	-3283	0
12	-211	-49	296	179	-227	-80	-891	0
13	-229	20	196	501	-345	-65	-1382	0
14	-80	-85	236	105	-292	-81	-20	0
15	-282	-179	597	17	-210	-84	-8	0
16	-263	-263	709	-173	-99	-76	364	0
17	-140	426	314	195	-1048	-88	-8460	0
18	-1047	426	314	60	-931	-88	-11112	0
19	-931	297	232	-14	-1390	87	-11707	0
20	-1387	655	270	-151	-1094	86	-9173	0
21	-1093	523	205	-76	-1200	86	-9722	0
22	-1192	548	269	-216	-1474	-82	-11474	0
23	-1403	614	410	485	-1415	-83	-10869	0
24	-1390	577	423	432	-1119	-83	-8452	0
25	-1038	417	395	355	-1053	-84	-7789	0
26	-1039	371	418	279	-1154	-73	-7599	0
27	-1022	352	431	917	-810	-70	-4706	0
28	-814	254	389	705	-586	-66	-2821	0
29	-669	178	370	815	-375	-74	-1779	0
30	-504	115	312	563	-346	-62	-1136	0
31	-448	61	346	719	-137	-78	-561	0
32	-323	-2	328	383	-205	-79	-640	0
33	-201	3	197	560	-1048	-88	-8598	0
34	-189	73	314	185	-950	-89	-7908	0
35	-1047	451	274	57	-964	87	-7965	0
36	-950	445	192	7	-1066	89	-8876	0
37	-964	443	211	-95	-1015	88	-8324	0
38	-1066	485	240	32	-1206	-84	-8990	0
39	-1014	500	301	-107	-975	-73	-6026	0
40	-1066	416	365	-152	-669	-70	-5767	0
41	-1193	411	494	293	-505	-72	-4095	0
42	-1156	385	508	252	-489	-67	-2498	0
43	-963	280	492	427	-310	-78	-2007	0
44	-896	264	453	379	-265	-75	-1731	0
45	-855	227	473	832	-900	88	-7362	0
46	-710	192	368	631	-950	-89	-7785	0
47	-541	134	315	710	-967	87	-7860	0
48	-436	120	234	450	-918	87	-7470	0
49	-363	86	219	598	-962	85	-7663	0
50	-290	71	170	195	-1016	88	-7972	0
51	-240	70	122	195	-1005	-89	-7542	0
52	-900	406	211	-40	-1005	-89	-7542	0
53	-950	424	230	4	-967	87	-7860	0
54	-965	422	247	-91	-918	87	-7470	0
55	-916	405	229	-44	-962	85	-7663	0
56	-1015	392	350	-53	-1016	88	-7972	0
57	-1069	390	409	-124	-1071	87	-8212	0
58	-1005	336	438	39	-1005	-89	-7542	0
59	-1005	336	438	39	-1005	-89	-7542	0
60	-1005	336	438	39	-1005	-89	-7542	0
61	-1005	336	438	39	-1005	-89	-7542	0
62	-1005	336	438	39	-1005	-89	-7542	0

63	-1021	337	452	36	452	-1021	-89	-7610	0	653	120	655	-7611	*	0	7959	774	255	0	0	63
64	-1017	298	514	395	539	-1042	-82	-7371	0	1219	1126	1365	-7516	*	0	8284	810	265	0	0	64
65	-959	249	471	362	493	-981	-82	-6973	0	1019	1024	1149	-7103	*	0	7742	757	251	0	0	65
66	-824	226	441	516	492	-874	-78	-5877	0	1209	1460	1499	-6166	*	0	7036	688	226	0	0	66
67	-750	227	368	431	406	-790	-79	-5452	0	792	1216	1021	-5681	*	0	6254	612	203	0	0	67
68	-651	193	325	680	432	-758	-72	-4713	0	739	1906	1339	-5313	*	0	6094	596	194	0	0	68
69	-552	186	240	441	297	-610	-75	-4114	0	305	1236	628	-4336	*	0	4781	467	156	0	0	69
70	-464	151	210	404	276	-531	-73	-3436	0	333	1247	708	-3811	*	0	4211	412	157	0	0	70
71	-414	151	160	164	171	-425	-81	-3145	0	56	461	121	-3210	*	0	3273	320	107	0	0	71
72	-369	147	122	184	134	-386	-79	-2874	0	-134	514	-40	-2967	*	0	2947	284	97	0	0	72
73	-900	390	234	-38	238	-900	88	-7268	0	-844	-116	-882	-7270	*	0	6872	672	218	0	0	73
74	-861	377	222	-30	222	-862	89	-6979	0	-843	-90	-692	-6981	*	0	6540	643	209	0	0	74
75	-875	375	238	-122	242	-878	86	-7048	0	-786	-155	-766	-7068	*	0	6718	657	212	0	0	75
76	-915	379	272	-80	274	-916	88	-7318	0	-596	-233	-588	-7327	*	0	7059	689	219	0	0	76
77	-953	377	313	-174	319	-959	85	-7520	0	-359	-509	-323	-7556	*	0	7399	724	231	0	0	77
78	-926	348	336	-97	338	-928	87	-7187	0	-55	-272	-44	-7197	*	0	7175	702	225	0	0	78
79	-957	350	365	-129	368	-960	87	-7364	0	91	358	108	-7381	*	0	7436	727	234	0	0	79
80	-1000	330	441	44	442	-1001	-88	-7499	0	639	151	642	-7502	*	0	7843	767	246	0	0	80
81	-1015	331	454	45	455	-1015	-89	-7561	0	698	141	700	-7563	*	0	7937	776	253	0	0	81
82	-924	282	448	200	455	-931	-85	-6772	0	942	575	984	-6815	*	0	7357	719	234	0	0	82
83	-899	287	414	198	422	-906	-85	-6646	0	720	567	764	-6689	*	0	7102	694	228	0	0	83
84	-863	259	426	466	467	-904	-79	-6289	0	938	1319	1171	-6522	*	0	7180	702	230	0	0	84
85	-794	259	356	386	388	-825	-80	-5888	0	543	1090	723	-6068	*	0	6460	632	209	0	0	85
86	-686	216	321	426	364	-729	-78	-5046	0	593	1202	839	-5292	*	0	5757	563	185	0	0	86
87	-630	219	260	294	283	-653	-80	-4745	0	228	828	362	-4879	*	0	5070	496	164	0	0	87
88	-556	208	206	406	257	-607	-75	-4270	0	-7	1140	278	-4556	*	0	4701	460	152	0	0	88
89	-508	207	158	142	166	-516	-83	-3996	0	-271	398	-229	-4038	*	0	3928	384	128	0	0	89
90	-446	190	175	112	180	-501	-85	-3835	0	-81	317	-54	-3862	*	0	3835	375	125	0	0	90
91	-841	357	237	-44	238	-842	88	-6742	0	-688	-129	-685	-6745	*	0	6430	629	205	0	0	91
92	-862	360	252	-30	253	-862	89	-6875	0	-613	-89	-612	-6876	*	0	6592	645	209	0	0	92
93	-875	358	268	-117	271	-878	86	-6950	0	-516	-338	-498	-6968	*	0	6733	658	213	0	0	93
94	-866	347	274	-94	281	-868	87	-6831	0	-380	-270	-368	-6842	*	0	6605	652	210	0	0	94
95	-862	347	303	-150	308	-866	86	-6985	0	-249	-430	-222	-7013	*	0	6904	675	217	0	0	95
96	-919	337	349	-77	350	-920	88	-7085	0	82	-217	88	-7091	*	0	7136	698	224	0	0	96
97	-948	338	376	-108	379	-950	87	-7246	0	225	-301	237	-7258	*	0	7379	722	233	0	0	97
98	-923	310	398	-5	398	-923	89	-6946	0	504	-10	504	-6946	*	0	7212	705	228	0	0	98
99	-933	316	398	2	398	-933	-89	-7026	0	463	13	463	-7026	*	0	7269	711	231	0	0	99
100	-925	293	429	180	435	-931	-86	-6849	0	768	517	803	-6884	*	0	7319	716	232	0	0	100
101	-900	296	599	175	405	-906	-86	-6713	0	578	501	612	-6747	*	0	7073	692	226	0	0	101
102	-826	261	385	271	400	-841	-83	-6096	0	703	771	789	-6182	*	0	6612	647	211	0	0	102
103	-791	268	338	238	331	-804	-83	-5938	0	397	676	469	-6009	*	0	6257	612	201	0	0	103
104	-728	249	308	378	342	-762	-79	-5471	0	334	1067	524	-5662	*	0	5941	581	191	0	0	104
105	-675	250	252	252	268	-691	-82	-5176	0	6	711	101	-5272	*	0	5323	520	172	0	0	105
106	-628	228	242	246	239	-645	-82	-4791	0	77	694	174	-4888	*	0	4978	487	161	0	0	106
107	-601	231	210	100	214	-604	-86	-4654	0	-115	282	-294	-4672	*	0	4624	452	150	0	0	107
108	-565	231	175	106	179	-569	-85	-4452	0	-312	300	-290	-4474	*	0	4336	424	141	0	0	108
109	-841	341	264	-42	264	-842	88	-6651	0	-444	-122	-442	-6653	*	0	6443	630	205	0	0	109
110	-832	337	262	-36	262	-833	89	-6578	0	-426	-105	-424	-6580	*	0	6378	624	203	0	0	110
111	-845	336	274	-100	276	-845	87	-6635	0	-356	-288	-343	-6648	*	0	6483	634	206	0	0	111
112	-863	334	298	-77	299	-864	88	-6739	0	-201	-223	-194	-6746	*	0	6651	650	210	0	0	112
113	-887	334	321	-132	324	-890	86	-6880	0	-75	-376	-54	-6901	*	0	6873	672	217	0	0	113
114	-871	316	336	-85	336	-873	87	-6684	0	120	-240	128	-6693	*	0	6758	661	214	0	0	114
115	-898	326	345	-84	346	-899	88	-6894	0	108	-239	116	-6902	*	0	6961	681	220	0	0	115
116	-913	310	387	1	387	-913	-89	-6888	0	440	4	-294	-6888	*	0	7114	696	225	0	0	116
117	-920	314	388	6	388	-920	-89	-6940	0	421	23	421	-6940	*	0	7161	700	227	0	0	117
118	-878	289	390	88	391	-880	-87	-6562	0	572	253	581	-6571	*	0	6880	673	219	0	0	118
119	-859	298	356	94	358	-861	-87	-6501	0	328	270	338	-6512	*	0	6688	654	213	0	0	119
120	-832	277	364	236	375	-844	-84	-6229	0	484	671	555	-6295	*	0	6591	644	210	0	0	120
121	-749	282	323	201	332	-808	-84	-6058	0	232	572	283	-6110	*	0	6256	612	201	0	0	121
122	-741	257	308	225	320	-753	-83	-5595	0	290	437	358	-5663	*	0	5851	572	188	0	0	122
123	-713	265	265	161	272	-719	-85	-5478	0	0	457	38	-5516	*	0	5536	541	178	0	0	123
124	-670	256	237	216	250	-682	-83	-5184	0	-107	612	-34	-5257	*	0	5240	512	169	0	0	124
125	-649	258	209	77	211	-646	-87	-5050	0	-275	219	-265	-5060	*	0	4932	482	160	0	0	125
126	-638	248	220	59	221	-639	-87	-4961	0	-157	168	-152	-4967	*	0	4893	478	158	0	0	126
127	-831	322	286	-23	287	-832	89	-6486	0	-202	-66	-202	-6486	*	0	6388	625	203	0	0	127
128	-814	321	270	-27	271	-814	89	-6382	0	-240	-79	-289	-6383	*	0	6243	610	199	0	0	128

133	-840	327	286	-87	284	-442	57	-6567	0	-232	-250	-222	-6576	*	0	6468	632	206	0	0	133
134	-824	314	298	-64	294	-830	84	-6430	0	-40	-184	-84	-6435	*	0	6193	625	203	0	0	134
139	-873	322	328	-91	330	-874	87	-6726	0	36	-261	46	-6436	*	0	6193	661	214	0	0	139
140	-832	315	298	-80	299	-833	87	-6450	0	-97	-229	-89	-6458	*	0	6414	627	204	0	0	140
146	-880	307	360	-49	361	-861	88	-6682	0	302	-134	305	-6485	*	0	6442	669	217	0	0	146
146	-868	319	328	-83	329	-869	88	-6681	0	52	-235	60	-6689	*	0	6412	657	213	0	0	146
152	-852	302	341	74	343	-854	88	-6487	0	220	225	228	-6495	*	0	6612	647	211	0	0	152
153	-876	301	366	67	367	-877	88	-6624	0	369	192	374	-6630	*	0	6824	667	217	0	0	153
153	-876	305	360	-9	360	-876	84	-6645	0	315	-25	315	-6645	*	0	6808	666	216	0	0	153
154	-865	263	220	57	221	-866	88	-5199	0	-246	161	-277	-5360	*	0	5227	511	174	0	0	154
162	-865	273	223	50	223	-864	88	-5356	0	-2	399	26	-5376	*	0	5364	527	174	0	0	162
163	-863	273	223	141	263	-701	85	-5306	0	-2	399	26	-5376	*	0	5364	527	174	0	0	163
164	-896	259	254	102	257	-733	86	-5677	0	-153	290	210	-5786	*	0	5495	550	181	0	0	164
165	-731	282	255	197	257	-762	84	-5734	0	157	554	210	-5786	*	0	6165	576	149	0	0	165
166	-753	270	297	197	307	-762	84	-6147	0	-15	326	2	-6164	*	0	6300	603	197	0	0	166
167	-797	297	295	114	298	-800	86	-6147	0	375	367	395	-6093	*	0	6260	616	201	0	0	167
168	-814	275	341	129	289	-810	86	-6072	0	-124	-74	-123	-6321	*	0	6133	600	196	0	0	168
129	-814	310	289	-27	289	-810	86	-6072	0	-117	-57	-117	-6191	*	0	6145	572	188	0	0	129
130	-798	304	283	-20	283	-798	89	-6190	0	-7	-9	-7	-6149	*	0	5855	572	188	0	0	130
131	-798	297	295	-3	295	-798	89	-6190	0	-44	-38	-44	-5877	*	0	6418	628	204	0	0	131
132	-761	286	278	-13	278	-761	89	-5877	0	-31	-158	-27	-6412	*	0	6398	626	204	0	0	132
135	-829	310	304	-55	305	-830	88	-6408	0	-132	-150	-129	-6234	*	0	6171	603	197	0	0	135
136	-802	307	283	-52	284	-803	88	-6231	0	-132	-150	-129	-6234	*	0	6171	603	197	0	0	136
137	-802	294	295	-35	296	-802	89	-6189	0	-22	-101	-21	-6191	*	0	6180	604	197	0	0	137
138	-775	288	288	-22	288	-775	89	-5970	0	-1	-63	-1	-5970	*	0	5971	584	191	0	0	138
141	-832	311	304	-71	306	-833	88	-6427	0	-39	-204	-32	-6434	*	0	6418	628	204	0	0	141
142	-816	303	304	-61	304	-817	88	-6293	0	3	-174	-8	-6298	*	0	6302	616	201	0	0	142
143	-816	302	305	-35	305	-817	89	-6288	0	17	-100	-18	-6288	*	0	6299	616	201	0	0	143
144	-789	296	288	-34	288	-790	89	-6098	0	-45	-98	-44	-6100	*	0	6078	594	194	0	0	144
147	-848	305	332	-64	333	-849	88	-6486	0	157	-181	162	-6491	*	0	6573	643	209	0	0	147
148	-849	313	320	-68	321	-850	88	-6534	0	39	-196	45	-6540	*	0	6562	642	208	0	0	148
149	-822	307	304	-64	304	-823	88	-6348	0	-16	-184	-11	-6353	*	0	6347	621	202	0	0	149
150	-822	306	305	-38	305	-823	89	-6342	0	-3	-110	-1	-6344	*	0	6344	620	202	0	0	150
151	-813	299	306	-30	307	-813	89	-6254	0	39	-86	40	-6256	*	0	6276	614	200	0	0	151
155	-866	312	337	-1	346	-866	89	-6597	0	218	-3	218	-6597	*	0	6709	656	213	0	0	155
156	-866	307	332	-45	337	-866	89	-6627	0	139	-91	140	-6629	*	0	6700	655	213	0	0	156
157	-848	305	332	-45	333	-849	88	-6484	0	157	-129	160	-6486	*	0	6568	642	209	0	0	157
158	-835	305	320	-45	320	-836	88	-6413	0	84	-129	86	-6415	*	0	6459	632	205	0	0	158
159	-848	311	322	-36	322	-848	89	-6520	0	60	-102	62	-6522	*	0	6553	641	208	0	0	159
160	-835	309	313	-24	313	-836	89	-6435	0	23	-69	24	-6436	*	0	6448	631	205	0	0	160
161	-829	309	306	-25	306	-829	89	-6396	0	-12	-73	-11	-6397	*	0	6391	625	203	0	0	161
169	-838	313	308	63	309	-839	88	-6473	0	-32	181	-27	-6478	*	0	6464	632	206	0	0	169
170	-838	291	346	59	346	-839	88	-6344	0	311	172	315	-6349	*	0	6512	637	208	0	0	170
178	-694	279	223	45	223	-695	88	-5453	0	-318	129	-314	-5456	*	0	5306	519	171	0	0	178
179	-702	276	235	44	235	-702	88	-5481	0	-231	127	-228	-5484	*	0	5373	525	173	0	0	179
180	-737	285	255	105	257	-740	86	-5735	0	-174	299	-158	-5751	*	0	5673	555	182	0	0	180
181	-744	285	263	80	264	-745	87	-5769	0	-123	224	-113	-5778	*	0	5722	559	184	0	0	181
182	-783	289	295	105	297	-786	87	-5769	0	31	299	46	-6034	*	0	6054	592	194	0	0	182
183	-783	281	308	97	310	-785	87	-5769	0	150	277	163	-5987	*	0	6071	594	194	0	0	183
171	-847	312	319	29	319	-847	89	-6431	0	36	85	37	-6515	*	0	6534	639	208	0	0	171
172	-844	300	337	9	337	-844	89	-6431	0	211	29	211	-6431	*	0	6539	634	208	0	0	172
173	-840	308	319	-12	319	-840	89	-6451	0	60	2	60	-6451	*	0	6482	634	206	0	0	173
174	-840	310	316	-12	316	-840	89	-6451	0	34	-36	34	-6461	*	0	6479	633	206	0	0	174
175	-839	306	322	-19	322	-839	89	-6400	0	89	-54	90	-6441	*	0	6476	634	206	0	0	175
176	-839	311	313	-9	313	-839	89	-6470	0	10	-27	10	-6470	*	0	6476	633	206	0	0	176
177	-844	312	316	-12	316	-844	89	-6502	0	21	-34	22	-6503	*	0	6514	637	207	0	0	177
185	-814	293	319	51	319	-811	88	-6313	0	-187	118	-185	-6316	*	0	6225	609	199	0	0	185
186	-824	310	300	20	300	-824	89	-6375	0	95	61	96	-6375	*	0	6346	621	202	0	0	186
187	-829	302	319	21	319	-829	89	-6422	0	47	6	47	-6422	*	0	6405	626	204	0	0	187
188	-833	309	310	1	310	-833	89	-6422	0	47	6	47	-6422	*	0	6426	628	205	0	0	188
189	-836	307	316	-4	316	-836	89	-6427	0	-22	-24	-22	-6427	*	0	6451	631	205	0	0	189
190	-849	315	316	-1	316	-849	89	-6544	0	6	-2	-2	-6544	*	0	6456	631	205	0	0	190
191	-849	296	233	1	233	-714	89	-5666	0	-466	6	-466	-5666	*	0	6547	640	208	0	0	191
192	-714	296	233	1	233	-714	89	-5666	0	-466	6	-466	-5666	*	0	6547	640	208	0	0	192
193	-735	296	235	193	235	-735	89	-5787	0	-344	62	-344	-5787	*	0	5623	550	181	0	0	193
194	-735	297	234	14	234	-735	89	-5790	0	-352	42	-352	-5791	*	0	5623	550	180	0	0	194

195	-767	298	263	47	263	-767	-68	-5979	0	-201	135	-197	-5982	*	0	5886	575	189	0	0	195
196	-768	288	281	52	281	-768	-88	-5927	0	-44	151	-41	-5931	*	0	5910	578	189	0	0	196
197	-792	318	254	-20	254	-792	89	-6231	0	-356	-55	-356	-6231	*	0	6061	593	194	0	0	197
198	-806	300	300	28	300	-807	89	-6212	0	0	81	1	-6213	*	0	6214	608	194	0	0	198
199	-817	311	292	-17	292	-817	89	-6338	0	-104	-47	-104	-6338	*	0	6408	627	204	0	0	199
200	-831	308	310	12	310	-831	89	-6400	0	14	34	14	-6401	*	0	6412	627	204	0	0	200
201	-832	309	309	6	309	-832	89	-6413	0	-2	14	-2	-6413	*	0	6412	627	204	0	0	201
202	-839	316	304	-8	304	-839	89	-6497	0	-65	-23	-65	-6497	*	0	6484	632	206	0	0	202
203	-715	297	215	1	215	-715	89	-5979	0	-471	0	-471	-5979	*	0	5459	534	175	0	0	203
204	-719	313	190	-19	190	-719	89	-5786	0	-842	-55	-842	-5786	*	0	5479	536	175	0	0	204
205	-719	312	192	-41	192	-719	88	-5786	0	-675	-115	-675	-5786	*	0	5485	536	176	0	0	205
206	-753	307	234	-12	234	-753	89	-5954	0	-413	-34	-413	-5954	*	0	5759	563	184	0	0	206
207	-753	295	254	-16	254	-753	89	-5884	0	-228	-49	-228	-5884	*	0	5774	565	185	0	0	207
208	-781	329	225	-80	225	-781	87	-6231	0	-584	-224	-576	-6240	*	0	5973	584	191	0	0	208
209	-781	315	247	-103	250	-781	87	-6155	0	-384	-290	-369	-6170	*	0	5994	586	192	0	0	209
210	-833	320	292	-48	292	-833	88	-6475	0	-156	-134	-153	-6478	*	0	6402	626	204	0	0	210
211	-833	312	304	-70	304	-833	88	-6432	0	-43	-198	-42	-6433	*	0	6412	627	205	0	0	211
212	-868	318	329	-70	330	-868	88	-6668	0	59	-198	65	-6674	*	0	6706	656	214	0	0	212
213	-695	299	190	-4	190	-695	89	-5517	0	-612	-12	-612	-5517	*	0	5298	518	170	0	0	213
214	-700	315	167	-29	167	-700	89	-5702	0	-831	-82	-831	-5702	*	0	5337	522	171	0	0	214
215	-697	299	192	-49	192	-697	88	-5592	0	-603	-138	-597	-5596	*	0	5321	520	170	0	0	215
216	-715	322	170	-92	172	-715	87	-5825	0	-857	-257	-844	-5838	*	0	5465	534	175	0	0	216
217	-729	298	225	-78	226	-729	87	-5766	0	-412	-219	-403	-5775	*	0	5585	546	174	0	0	217
218	-763	325	213	-168	220	-763	86	-6328	0	-632	-472	-592	-6154	*	0	5880	575	188	0	0	218
219	-800	327	247	-127	251	-800	86	-6328	0	-449	-357	-427	-6350	*	0	6147	601	197	0	0	219
220	-825	345	241	-255	256	-825	87	-5528	0	-583	-716	-498	-6660	*	0	6425	628	205	0	0	220
221	-963	375	329	-132	333	-963	86	-7521	0	-260	-428	-235	-7546	*	0	7432	727	237	0	0	221
222	-666	304	152	-27	152	-666	89	-5445	0	-855	-76	-855	-5446	*	0	5073	496	162	0	0	222
223	-682	304	167	-26	167	-682	89	-5536	0	-769	-75	-768	-5538	*	0	5196	508	166	0	0	223
224	-682	303	170	-71	171	-682	87	-5528	0	-918	-251	-905	-5593	*	0	5206	509	166	0	0	224
225	-680	314	150	-90	152	-680	86	-5580	0	-916	-250	-905	-5593	*	0	5206	508	166	0	0	225
226	-680	317	145	-236	161	-680	82	-5596	0	-672	-586	-611	-6281	*	0	5308	519	170	0	0	226
227	-775	335	213	-209	224	-775	82	-6219	0	-414	-769	-312	-6225	*	0	5998	586	192	0	0	227
228	-775	316	241	-273	260	-775	82	-6123	0	-1071	-1348	-819	-8260	*	0	7882	771	252	0	0	228
229	-988	438	247	-480	292	-988	89	-5291	0	-797	-76	-796	-5292	*	0	4943	483	158	0	0	229
230	-654	294	152	-27	152	-654	88	-5377	0	-905	-120	-901	-5380	*	0	4991	488	160	0	0	230
231	-654	303	142	-43	142	-655	88	-5377	0	-918	-124	-914	-5385	*	0	4991	488	160	0	0	231
232	-654	304	140	-44	141	-655	88	-5382	0	-918	-124	-914	-5385	*	0	4991	488	160	0	0	232
233	-654	286	150	-73	152	-654	87	-5170	0	-765	-207	-755	-5179	*	0	4846	474	155	0	0	233
234	-634	289	145	-220	160	-649	82	-5187	0	-809	-617	-724	-5272	*	0	4950	484	158	0	0	234
235	-713	332	152	-291	176	-737	80	-5545	0	-1011	-818	-876	-6002	*	0	5615	549	179	0	0	235
236	-713	275	247	-395	286	-737	80	-5545	0	-152	-1109	-67	-5764	*	0	5798	567	186	0	0	236
237	-886	428	162	-647	254	-886	88	-5378	0	-1496	-1814	-982	-7897	*	0	7454	729	239	0	0	237
238	-614	283	136	-82	138	-614	86	-5037	0	-903	-106	-901	-5376	*	0	4697	459	150	0	0	238
239	-654	303	142	-37	142	-654	88	-5378	0	-916	-109	-914	-5381	*	0	4987	487	154	0	0	239
240	-654	304	140	-39	141	-654	87	-5378	0	-680	-189	-671	-4606	*	0	4310	421	137	0	0	240
241	-564	254	133	68	135	-565	87	-4597	0	-10	-1091	-249	-4603	*	0	4732	463	152	0	0	241
242	-564	210	208	-389	254	-564	87	-4597	0	-10	-1091	-249	-4603	*	0	4732	463	152	0	0	242
243	-644	291	152	-244	170	-662	81	-5250	0	-650	-1215	-346	-5504	*	0	5099	498	163	0	0	243
244	-644	282	166	-433	221	-662	75	-5199	0	-490	-1410	-60	-5120	*	0	5099	498	163	0	0	244
245	-585	250	162	-502	239	-662	75	-5199	0	-1775	-2247	-778	-6442	*	0	6487	634	207	0	0	245
246	-673	367	152	-800	229	-673	86	-4845	0	-604	-232	-590	-4870	*	0	4206	411	154	0	0	246
247	-549	244	136	-82	139	-551	86	-4845	0	184	87	186	-3805	*	0	3901	381	125	0	0	247
248	-503	175	207	-220	208	-503	88	-3803	0	-28	-618	68	-3980	*	0	4014	392	128	0	0	248
249	-503	189	183	-220	201	-503	81	-3883	0	-28	-618	68	-3980	*	0	4014	392	128	0	0	249
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251	-623	342	208	-282	218	-623	82	-4349	0	-758	-791	-648	-6459	*	0	6161	602	197	0	0	251
252	-623	254	194	-88	197	-626	86	-4826	0	-583	-1071	-337	-5265	*	0	5104	499	163	0	0	252
253	-623	270	166	-382	210	-667	77	-5019	0	-168	-751	-33	-4373	*	0	4357	426	139	0	0	253
254	-542	213	182	-267	206	-566	79	-4239	0	-168	-751	-33	-4373	*	0	4357	426	139	0	0	254
255	-542	227	158	-432	220	-566	79	-4239	0	-168	-751	-33	-4373	*	0	4357	426	139	0	0	255
256	-542	162	162	-617	225	-566	79	-4239	0	-168	-751	-33	-4373	*	0	4357	426	139	0	0	256
257	-542	161	161	-617	225	-566	79	-4239	0	-168	-751	-33	-4373	*	0	4357	426	139	0	0	257
258	-578	219	207	-25	207	-578	89	-4478	0	-67	-70	-66	-4479	*	0	4446	435	142	0	0	258
259	-614	215	250	-35	250	-614	88	-4653	0	-196	-99	-198	-4656	*	0	4758	465	152	0	0	259
260	-572	230	183	-229	201	-569	81	-4506	0	-260	-644	-165	-4601	*	0	4521	442	144	0	0	260

261	-519	141	213	-123	214	-524	85	* -3933	0	177	-347	204	-3962	*	0	4049	544	130	0	0	261
262	-528	197	194	-98	198	-531	86	* -4076	0	-15	-275	5	-4095	*	0	4097	400	131	0	0	262
263	-567	227	182	-293	210	-594	79	* -4460	0	-250	-621	-94	-4815	*	0	4566	447	146	0	0	263
264	-496	172	204	-200	218	-510	82	* -3751	0	178	-562	257	-3430	*	0	3964	348	127	0	0	264
265	-496	194	154	-436	224	-562	73	* -1905	0	-229	-1223	140	-4275	*	0	4547	425	159	0	0	265
266	-370	127	154	-282	190	-562	75	* -2794	0	152	-793	352	-2994	*	0	3185	311	102	0	0	266
267	-277	151	21	-463	147	-403	61	* -2405	0	-727	-1298	-20	-3112	*	0	3102	303	99	0	0	267
268	-116	25	72	-115	42	-137	69	* -969	0	266	-724	634	-1164	*	0	1579	154	49	0	0	268
269	-116	56	21	-115	42	-137	69	* -969	0	360	-325	-77	-1086	*	0	1051	102	33	0	0	269
270	-565	146	250	-69	257	-566	87	* -4217	0	309	-225	368	-4226	*	0	4422	432	141	0	0	270
271	-572	192	247	-80	249	-574	87	* -4294	0	223	-419	280	-4305	*	0	4473	437	143	0	0	271
272	-505	173	213	-171	223	-515	83	* -3810	0	108	-574	187	-4070	*	0	4167	392	128	0	0	272
273	-523	187	207	-204	221	-517	82	* -3991	0	342	-782	503	-3474	*	0	3751	367	120	0	0	273
274	-447	143	204	-278	233	-475	78	* -3314	0	201	-815	379	-3544	*	0	3037	297	97	0	0	274
275	-447	152	188	-290	220	-478	77	* -3366	0	256	-851	497	-2754	*	0	3037	297	97	0	0	275
276	-334	109	154	-303	197	-482	74	* -2518	0	-373	-886	13	-2890	*	0	2896	283	92	0	0	276
277	-306	138	72	-351	141	-375	68	* -2503	0	47	-344	139	-1242	*	0	1317	128	42	0	0	277
278	-151	53	61	-122	77	-168	75	* -1150	0	-171	-372	-10	-1032	*	0	1027	100	32	0	0	278
279	-104	50	19	-132	48	-133	66	* -871	0	27	-207	119	-437	*	0	508	49	15	0	0	279
280	-45	15	19	-73	36	-61	65	* -344	0	461	-216	472	-3899	*	0	4155	406	133	0	0	280
281	-227	165	247	-77	249	-529	87	* -3888	0	415	-189	424	-3730	*	0	3959	387	126	0	0	281
282	-503	159	233	-67	235	-505	87	* -3721	0	396	-473	450	-3782	*	0	4026	394	129	0	0	282
283	-503	160	231	-168	241	-513	83	* -3728	0	190	-583	482	-3529	*	0	3595	351	115	0	0	283
284	-439	137	207	-208	223	-455	81	* -3238	0	227	-831	413	-3485	*	0	3709	362	118	0	0	284
285	-439	148	188	-296	222	-472	77	* -2418	0	166	-385	222	-2498	*	0	2617	256	83	0	0	285
286	-325	105	146	-224	172	-350	77	* -2443	0	-152	-484	-12	-1825	*	0	3770	368	120	0	0	286
287	-325	109	139	-137	149	-335	81	* -2443	0	432	-129	436	-3532	*	0	3770	368	120	0	0	287
288	-211	88	61	-172	86	-236	73	* -1685	0	522	-170	529	-3445	*	0	3770	368	120	0	0	288
289	-479	149	226	-46	227	-480	88	* -3528	0	503	-454	555	-3496	*	0	3377	330	108	0	0	289
290	-471	140	233	-60	235	-473	87	* -3444	0	348	-414	397	-3161	*	0	3377	330	108	0	0	290
291	-471	142	231	-162	204	-429	83	* -3112	0	227	-472	292	-3222	*	0	2905	284	93	0	0	291
292	-421	133	195	-147	204	-432	82	* -3157	0	139	-564	249	-2773	*	0	2782	272	89	0	0	292
293	-421	141	182	-168	193	-432	82	* -3157	0	113	-242	137	-2413	*	0	2485	243	79	0	0	293
294	-352	121	146	-201	166	-372	79	* -2663	0	74	-319	110	-2724	*	0	3571	349	114	0	0	294
295	-352	126	139	-114	146	-359	83	* -2688	0	113	-242	137	-2413	*	0	3571	349	114	0	0	295
296	-315	109	130	-86	134	-320	84	* -2390	0	529	-129	534	-3274	*	0	3464	339	111	0	0	296
297	-450	132	226	-46	216	-434	88	* -3198	0	473	-125	478	-3203	*	0	3464	339	111	0	0	297
298	-434	131	216	-44	208	-441	85	* -3234	0	380	-255	398	-3252	*	0	3294	322	105	0	0	298
299	-434	137	205	-91	208	-441	85	* -3234	0	370	-294	395	-3079	*	0	3294	322	105	0	0	299
300	-414	124	195	-104	200	-419	85	* -3099	0	249	-352	286	-3136	*	0	3294	322	105	0	0	300
301	-414	137	182	-125	188	-421	84	* -3099	0	234	-299	263	-2882	*	0	3294	322	105	0	0	301
302	-382	126	164	-106	173	-387	84	* -2854	0	91	-178	101	-2919	*	0	3023	295	96	0	0	302
303	-382	136	152	-63	154	-384	86	* -2908	0	42	-171	-31	-2815	*	0	2971	290	95	0	0	303
304	-362	137	130	-61	132	-364	86	* -2804	0	681	-54	682	-3112	*	0	2749	273	89	0	0	304
305	-437	117	236	-20	234	-437	89	* -3111	0	522	-32	522	-3069	*	0	3504	342	112	0	0	305
306	-423	123	216	-11	216	-423	89	* -3069	0	428	-161	436	-3112	*	0	3361	328	107	0	0	306
307	-423	129	205	-57	206	-425	87	* -3104	0	487	-126	492	-3012	*	0	3351	327	107	0	0	307
308	-414	121	204	-45	204	-415	87	* -3007	0	225	-135	231	-3112	*	0	3285	321	105	0	0	308
309	-414	139	179	-48	180	-415	87	* -3106	0	189	-154	196	-2983	*	0	3086	301	99	0	0	309
310	-395	134	168	-55	169	-397	87	* -2975	0	45	-34	45	-3030	*	0	3053	294	97	0	0	310
311	-395	144	152	-12	152	-395	89	* -3030	0	34	-34	35	-3018	*	0	3036	297	97	0	0	311
312	-393	144	150	-12	150	-393	89	* -3018	0	34	-34	35	-3018	*	0	3036	297	97	0	0	312

TIME 00 = 2000.000HOURS AT PRESSURE = -1670 0.0000 0.0000 AND AT TEMPERATURE= 1.0000

NOVAL POINT P-DISPLACEMENT Z-DISPLACEMENT

1	0.	1885E-03	2	-345ML-04	1803E-03	3	-1214E-03	1598E-03	4	-2152E-03	1542E-03
5	-3115E-03	1325E-03	6	-3868E-03	1145E-03	7	-4471E-03	8819E-04	8	-4494E-03	5947E-04
9	-5172E-03	5064E-04	10	-5319E-03	0.	11	0.	1919E-03	12	-4915E-04	1425E-03
13	-1148E-03	1855E-03	14	-1961E-03	1550E-03	15	-2742E-03	1271E-03	16	-3589E-03	6469E-04
17	-4304E-03	5854E-04	18	-4468E-03	3535E-04	19	-5260E-03	1518E-04	20	-3554E-03	0.
21	0.	2073E-03	22	-5931E-04	2078E-03	23	-1229E-03	1908E-03	24	-1843E-03	1631E-03
25	-2711E-03	1224E-03	26	-5483E-03	8102E-04	27	-4276E-03	4432E-04	28	-4484E-04	2540E-04
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Data Documents Inc

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125	-793	340	276	100	279	-793	-87	-5008	0	284	225	-273	-5018	0	4887	478	311	0	125
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159	-1056	413	427	-86	427	-1056	89	-6545	0	62	-104	63	-6547	*	0	6579	643	414	0	0	159
160	-1040	410	415	-31	416	-1040	89	-6457	0	25	-72	26	-6458	*	0	6471	633	407	0	0	160
161	-1031	410	407	-33	407	-1031	89	-6418	0	-14	-76	-13	-6418	*	0	6412	627	404	0	0	161
169	-1043	384	458	81	459	-1044	88	-6343	0	-47	194	-41	-6503	*	0	6482	634	404	0	0	169
170	-1043	384	458	81	459	-1044	88	-6343	0	333	146	338	-6349	*	0	6524	638	412	0	0	170
178	-856	369	295	59	296	-857	88	-5426	0	-329	133	-326	-5430	*	0	5274	516	337	0	0	178
179	-866	364	313	58	313	-867	88	-5451	0	-228	132	-225	-5454	*	0	5346	523	341	0	0	179
180	-912	378	337	137	341	-916	86	-5722	0	-183	310	-166	-5739	*	0	5657	553	360	0	0	180
181	-921	376	349	105	351	-923	87	-5751	0	-119	234	-109	-5761	*	0	5707	558	365	0	0	181
182	-972	382	350	138	393	-975	87	-6012	0	33	313	49	-6028	*	0	6053	592	384	0	0	182
183	-972	371	407	128	410	-975	87	-5954	0	165	240	174	-5972	*	0	6064	593	384	0	0	183
171	-1054	415	422	40	422	-1054	89	-6540	0	29	94	51	-6541	*	0	6557	641	413	0	0	171
172	-1054	397	447	14	447	-1051	89	-6441	0	226	35	226	-6441	*	0	6557	641	413	0	0	172
173	-1045	409	422	2	422	-1045	89	-6464	0	60	6	60	-6468	*	0	6499	635	410	0	0	173
174	-1045	411	419	-16	419	-1045	89	-6479	0	34	-35	34	-6479	*	0	6497	635	409	0	0	174
175	-1045	406	427	-24	427	-1045	89	-6457	0	96	-54	97	-6458	*	0	6507	636	410	0	0	175
176	-1045	413	415	-12	416	-1045	89	-6492	0	11	-27	11	-6492	*	0	6498	635	409	0	0	176
177	-1051	414	419	-15	420	-1051	89	-6528	0	23	-35	23	-6529	*	0	6540	639	411	0	0	177
184	-1006	417	372	56	372	-1007	88	-6330	0	-203	128	-201	-6333	*	0	6235	610	394	0	0	184
185	-1011	387	422	69	423	-1011	88	-6209	0	159	157	163	-6213	*	0	6296	616	398	0	0	185
186	-1024	412	398	29	398	-1025	89	-6389	0	-64	67	67	-6390	*	0	6358	622	401	0	0	186
187	-1031	400	422	24	422	-1031	89	-6362	0	101	68	102	-6363	*	0	6415	627	405	0	0	187
188	-1036	410	412	4	412	-1036	89	-6478	0	6	11	6	-6438	*	0	6441	630	406	0	0	188
189	-1040	408	419	3	419	-1040	89	-6480	0	49	8	49	-6440	*	0	6466	632	408	0	0	189
190	-1042	415	410	-11	410	-1042	89	-6487	0	-24	-25	-24	-6487	*	0	6475	633	408	0	0	190
191	-1057	418	419	-1	419	-1057	89	-6571	0	5	-2	5	-6571	*	0	6574	643	413	0	0	191
192	-882	392	286	1	286	-882	89	-5650	0	-471	4	-471	-5650	*	0	5429	531	345	0	0	192
193	-910	392	313	29	313	-910	89	-5776	0	-357	66	-356	-5777	*	0	5607	548	356	0	0	193
194	-910	392	313	20	313	-910	89	-5775	0	-552	47	-351	-5775	*	0	5608	548	356	0	0	194

195	-950	395	349	63	350	-951	-88	-5973	0	-208	145	-204	-5977	*	0	5877	575	373	0	195
196	-951	381	372	70	373	-952	-88	-5911	0	-358	160	-55	-5915	*	0	5898	571	374	0	196
197	-982	422	340	-23	340	-982	89	-6243	0	-369	160	-368	-6243	*	0	6067	593	384	0	197
198	-1001	397	398	38	398	-1001	-89	-6212	0	5	89	6	-6213	*	0	6216	616	393	0	198
199	-1015	412	388	-20	388	-1015	89	-6308	0	-104	-44	-103	-6308	*	0	6297	616	398	0	199
200	-1033	408	412	17	412	-1033	-89	-6410	0	16	41	17	-6411	*	0	6419	628	405	0	200
201	-1034	410	410	8	410	-1034	89	-6425	0	-1	20	-0	-6425	*	0	6425	628	405	0	201
202	-1044	420	404	-10	404	-1044	89	-6517	0	-70	-22	-70	-6517	*	0	6462	634	409	0	202
203	-884	393	286	1	286	-884	-89	-5665	0	-477	0	-477	-5665	*	0	5473	532	346	0	203
204	-889	415	258	-23	258	-889	89	-5788	0	-899	-50	-696	-5788	*	0	5472	535	347	0	204
205	-889	415	260	-51	261	-889	88	-5781	0	-682	-111	-619	-5783	*	0	5475	535	347	0	205
206	-933	400	313	-20	313	-933	89	-5952	0	-622	-27	-622	-5952	*	0	5753	562	365	0	206
207	-933	390	340	-20	340	-933	89	-5870	0	-621	-43	-621	-5871	*	0	5763	563	366	0	207
208	-967	436	303	-98	303	-967	87	-6200	0	-597	-217	-588	-6209	*	0	5976	584	378	0	208
209	-967	418	331	-131	334	-967	87	-6154	0	-386	-290	-371	-6169	*	0	5991	586	379	0	209
210	-1034	424	388	-59	389	-1034	88	-6485	0	-159	-131	-157	-6487	*	0	6410	627	405	0	210
211	-1034	414	404	-37	405	-1034	89	-6436	0	-40	-82	-39	-6437	*	0	6417	627	406	0	211
212	-1080	422	437	-89	439	-1080	88	-6684	0	71	-200	77	-6690	*	0	6729	658	424	0	212
213	-859	325	258	-5	258	-859	89	-5569	0	-611	-12	-611	-5569	*	0	5290	517	335	0	213
214	-866	418	230	-36	230	-866	88	-5703	0	-838	-79	-836	-5705	*	0	5290	517	335	0	214
215	-862	396	260	-61	261	-862	88	-5582	0	-602	-136	-598	-5585	*	0	5312	519	337	0	215
216	-884	428	233	-114	236	-884	87	-5828	0	-865	-252	-852	-5841	*	0	5465	534	346	0	216
217	-902	394	303	-97	305	-902	87	-5751	0	-401	-214	-353	-5759	*	0	5573	545	354	0	217
218	-945	431	289	-210	298	-945	85	-6116	0	-633	-466	-594	-6155	*	0	5881	575	372	0	218
219	-990	433	331	-160	336	-990	86	-6321	0	-454	-355	-435	-6342	*	0	6137	600	389	0	219
220	-1023	458	326	-823	326	-1023	83	-6581	0	-589	-719	-504	-6666	*	0	6429	629	407	0	220
221	-1197	499	437	-194	443	-1197	86	-7547	0	-278	-434	-252	-7573	*	0	7450	729	470	0	221
222	-822	402	210	-34	210	-822	89	-5541	0	-855	-76	-854	-5543	*	0	5070	496	321	0	222
223	-843	403	230	-33	230	-843	89	-5536	0	-770	-74	-769	-5538	*	0	5196	508	329	0	223
224	-843	401	233	-89	235	-843	87	-5526	0	-783	-198	-708	-5534	*	0	5205	509	330	0	224
225	-840	415	208	-112	211	-840	86	-5575	0	-921	-247	-908	-5586	*	0	5194	508	329	0	225
226	-840	419	202	-296	223	-840	82	-5592	0	-961	-657	-870	-5683	*	0	5302	518	336	0	226
227	-959	440	289	-264	302	-959	84	-6216	0	-674	-585	-613	-6277	*	0	5994	586	380	0	227
228	-959	416	326	-350	349	-959	82	-6105	0	-398	-780	-294	-6209	*	0	6068	593	385	0	228
229	-1223	584	335	-605	391	-1223	79	-8040	0	-1118	-1343	-867	-8291	*	0	7894	772	499	0	229
230	-802	389	210	-34	210	-802	89	-5289	0	-793	-76	-792	-5290	*	0	4942	483	313	0	230
231	-808	402	197	-54	197	-808	88	-5378	0	-913	-121	-910	-5381	*	0	4988	488	316	0	231
232	-808	403	195	-56	196	-808	88	-5383	0	-925	-124	-922	-5386	*	0	4989	488	316	0	232
233	-784	379	208	-93	210	-784	87	-5165	0	-755	-206	-745	-5175	*	0	4845	474	307	0	233
234	-784	382	202	-277	222	-784	82	-5182	0	-795	-616	-710	-5267	*	0	4950	484	313	0	234
235	-882	441	211	-367	241	-882	80	-5885	0	-1026	-815	-893	-6019	*	0	5625	550	335	0	235
236	-882	360	335	-501	384	-882	78	-5508	0	-99	-1113	-120	-5729	*	0	5790	566	367	0	236
237	-1094	571	225	-815	340	-1094	74	-7404	0	-1554	-1407	-1041	-7918	*	0	7452	729	472	0	237
238	-759	375	188	-102	191	-759	86	-5033	0	-831	-227	-819	-5046	*	0	4690	458	297	0	238
239	-808	402	197	-48	197	-808	88	-5379	0	-924	-110	-921	-5382	*	0	4984	487	316	0	239
240	-808	403	195	-49	196	-808	88	-5379	0	-687	-168	-680	-4616	*	0	4316	422	273	0	240
241	-698	338	143	78	185	-698	76	-4318	0	20	-1081	-274	-4573	*	0	4717	461	300	0	241
242	-698	276	279	-488	336	-698	61	-5253	0	-771	-693	-666	-5358	*	0	5058	494	319	0	242
243	-797	385	211	-511	234	-797	61	-5253	0	-662	-1209	-360	-5307	*	0	5336	522	338	0	243
244	-797	375	226	-545	294	-797	75	-4655	0	-444	-1413	-14	-5086	*	0	5078	496	322	0	244
245	-722	328	225	-636	322	-722	66	-4655	0	-1838	-2238	-845	-6885	*	0	6503	636	410	0	245
246	-831	491	82	-1008	305	-831	66	-4655	0	-599	-227	-586	-4479	*	0	4216	412	266	0	246
247	-680	323	188	-102	191	-680	86	-4465	0	-204	79	205	-3785	*	0	3892	380	247	0	247
248	-623	230	274	37	275	-623	88	-4784	0	-17	-613	78	-3969	*	0	4009	392	254	0	248
249	-623	249	244	-277	266	-623	81	-3874	0	-809	-787	-700	-6490	*	0	4009	392	254	0	249
250	-623	249	244	-277	266	-623	81	-3874	0	-809	-787	-700	-6490	*	0	4009	392	254	0	250
251	-976	458	279	-355	303	-976	82	-4651	0	-344	-258	-330	-4940	*	0	4783	468	303	0	251
252	-772	337	260	-115	263	-772	76	-4625	0	-589	-1066	-345	-5268	*	0	5104	499	323	0	252
253	-772	358	226	-481	281	-772	77	-5025	0	-163	-759	-26	-4365	*	0	4352	425	276	0	253
254	-671	261	244	-381	275	-671	79	-4228	0	-348	-1216	-52	-4670	*	0	4644	454	294	0	254
255	-671	301	212	-547	290	-671	74	-4324	0	-559	-1727	-397	-3679	*	0	3893	380	247	0	255
256	-402	211	82	-779	298	-402	61	-2722	0	-800	-1211	-187	-3193	*	0	3103	303	195	0	256
257	-364	215	36	-544	173	-364	63	-2579	0	-74	-99	-71	-4477	*	0	4441	434	281	0	257
258	-717	291	274	-51	275	-717	89	-4476	0	190	-99	192	-4649	*	0	4748	464	301	0	258
259	-762	285	328	-44	329	-762	88	-4646	0	-275	-632	-183	-4609	*	0	4520	442	286	0	259
260	-710	306	244	-286	265	-710	81	-4517	0	-275	-632	-183	-4609	*	0	4520	442	286	0	260

261	-645	239	280	-155	287	-651	85	-5925	0	182	-544	211	-5954	0	4064	347	254	0	261
262	-656	260	260	-124	264	-660	86	-4075	0	0	-276	19	-4093	0	4103	401	254	0	262
263	-704	302	244	-167	278	-734	79	-4478	0	-261	-413	-110	-4624	0	4515	447	284	0	263
264	-615	228	269	-253	287	-633	81	-3745	0	183	-563	262	-3824	0	3462	387	251	0	264
265	-615	265	212	-548	245	-686	73	-3914	0	-232	-1216	132	-4240	0	4344	425	275	0	265
266	-454	167	204	-359	249	-504	75	-2775	0	165	-799	368	-2978	0	3119	311	202	0	266
267	-342	201	36	-582	194	-500	61	-2421	0	-737	-1240	-38	-5120	0	3101	303	196	0	267
268	-144	30	98	-328	181	-227	63	-775	0	313	-736	685	-1147	0	1603	156	49	0	268
269	-144	75	24	-144	57	-171	64	-942	0	-205	-333	-42	-1106	0	1067	104	66	0	269
270	-703	246	328	-67	330	-704	87	-4216	0	367	-195	375	-4508	0	4424	432	280	0	270
271	-712	255	323	-101	326	-714	87	-4247	0	300	-226	311	-4308	0	4472	437	283	0	271
272	-628	228	280	-216	293	-640	83	-3402	0	233	-479	244	-3458	0	4011	342	254	0	272
273	-650	244	271	-259	284	-668	82	-3997	0	91	-575	171	-4077	0	4165	407	264	0	273
274	-555	184	269	-352	305	-541	78	-3302	0	363	-781	522	-3461	0	3740	366	237	0	274
275	-555	202	247	-367	287	-595	77	-3368	0	196	-816	374	-3546	0	3536	297	192	0	275
276	-422	143	204	-381	257	-475	74	-2511	0	273	-846	510	-2748	0	2901	283	163	0	276
277	-381	185	94	-441	184	-467	68	-2527	0	-395	-979	157	-2908	0	1317	128	83	0	277
278	-187	69	82	-156	103	-208	74	-1137	0	65	-349	157	-1231	0	100	100	65	0	278
279	-130	67	28	-166	64	-166	67	-882	0	-170	-368	-13	-1038	0	534	52	31	0	279
280	-58	19	28	-95	49	-79	66	-353	0	46	-217	142	-3900	0	4159	406	263	0	280
281	-656	219	323	-97	326	-659	87	-3689	0	466	-214	476	-3729	0	3957	387	251	0	281
282	-626	211	304	-85	306	-628	87	-3721	0	412	-191	420	-3729	0	4024	393	255	0	282
283	-626	213	301	-213	314	-638	83	-3729	0	391	-474	445	-3783	0	3595	351	227	0	283
284	-546	181	271	-262	291	-567	81	-3233	0	400	-582	491	-3324	0	3708	362	255	0	284
285	-546	196	247	-372	288	-588	77	-3304	0	222	-825	406	-3488	0	3708	362	255	0	285
286	-404	139	192	-285	225	-436	77	-2416	0	240	-634	584	-2559	0	2771	271	175	0	286
287	-404	145	183	-174	196	-417	81	-2445	0	168	-389	225	-2501	0	2621	256	115	0	287
288	-261	117	82	-216	113	-293	73	-1684	0	-158	-479	-20	-1822	0	1812	177	115	0	288
289	-596	198	294	-58	245	-597	88	-3528	0	527	-170	535	-3494	0	3741	368	238	0	289
290	-587	186	304	-76	306	-589	87	-3437	0	506	-453	558	-3497	0	3807	372	241	0	290
291	-587	188	301	-204	313	-599	83	-3445	0	347	-416	397	-3159	0	3375	330	214	0	291
292	-523	176	255	-187	266	-534	83	-3109	0	224	-474	248	-2769	0	3379	330	214	0	292
293	-523	187	238	-213	253	-538	82	-3160	0	140	-561	248	-2769	0	2901	283	184	0	293
294	-438	161	192	-253	217	-462	79	-2660	0	120	-317	104	-2725	0	2779	271	176	0	294
295	-438	167	183	-143	191	-446	83	-2689	0	68	-242	143	-2414	0	2489	243	157	0	295
296	-392	145	172	-109	177	-398	84	-2391	0	533	-129	537	-3274	0	3573	349	226	0	296
297	-561	175	294	-58	245	-562	88	-3270	0	471	-127	475	-3201	0	3463	338	219	0	297
298	-545	174	280	-57	281	-546	88	-3196	0	377	-255	396	-3076	0	3292	322	204	0	298
299	-545	182	267	-115	271	-549	85	-3235	0	371	-293	384	-3134	0	3290	321	208	0	299
300	-515	171	255	-132	260	-521	85	-3051	0	247	-351	284	-3134	0	3022	295	191	0	300
301	-515	162	238	-158	246	-524	84	-3102	0	237	-300	266	-2440	0	2974	291	188	0	301
302	-474	167	220	-135	227	-481	84	-2851	0	93	-178	103	-2421	0	2797	273	177	0	302
303	-474	180	201	-80	203	-477	86	-2910	0	-48	-170	-37	-2815	0	2797	273	177	0	303
304	-444	182	172	-77	174	-451	86	-2805	0	680	-57	524	-3068	0	3502	342	222	0	304
305	-545	155	308	-25	304	-545	89	-3110	0	524	-32	524	-3068	0	3561	328	213	0	305
306	-528	162	280	-14	280	-528	84	-3068	0	429	-161	437	-3114	0	3564	321	204	0	306
307	-528	171	267	-72	264	-529	87	-3107	0	486	-127	491	-3007	0	3237	316	204	0	307
308	-515	161	270	-57	271	-516	87	-3111	0	224	-134	230	-3116	0	3082	301	195	0	308
309	-515	184	235	-60	236	-493	87	-2972	0	187	-156	195	-2980	0	3054	298	193	0	309
310	-491	178	220	-70	222	-491	89	-3032	0	43	-34	44	-3032	0	3054	298	193	0	310
311	-491	191	201	-15	201	-488	89	-3019	0	34	-34	34	-3014	0	3056	297	192	0	311
312	-488	190	198	-15	198	-488	89	-3019	0	34	-34	34	-3014	0	3056	297	192	0	312

TIME 45 = 3000.000 HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE = 1.0000

NUCLEAR POINT H-DISPLACEMENT Z-DISPLACEMENT

1	0.	.2181E-03	2	-.4921E-04	.2117E-03	3	-.1518E-03	4	-.2566E-03	1808E-03
5	-.3680E-03	.1549E-03	6	-.4541E-03	.1335E-03	7	-.5235E-03	8	-.5783E-03	6924E-04
9	-.6043E-03	.3565E-04	10	-.6214E-03	0.	11	0.	12	-.6134E-04	.2776E-03
13	-.1391E-03	.2161E-03	14	-.2536E-03	.1817E-03	15	-.3241E-03	16	-.4463E-03	.1049E-03
17	-.5045E-03	.6851E-04	18	-.2695E-03	.4136E-04	19	-.6149E-03	20	-.6251E-03	0.
21	0.	.2476E-03	22	-.6972E-04	.2472E-03	23	-.1454E-03	24	-.2235E-03	.1916E-03
25	-.3191E-03	.1435E-03	26	-.4088E-03	.9511E-04	27	-.5006E-03	28	-.5719E-03	.2761E-04
29	-.6156E-03	.1204E-04	30	-.6371E-03	0.	31	0.	32	-.7641E-04	.2648E-03
33	-.1541E-03	.2432E-03	34	-.2412E-03	.2021E-03	35	-.5286E-03	36	-.1513E-03	.1029E-03
37	-.5147E-03	.5816E-04	38	-.5916E-03	.5115E-03	39	-.6400E-03	40	-.6575E-03	0.
41	0.	.2933E-03	42	-.6424E-04	.2861E-03	43	-.1727E-03	44	-.2614E-03	.2173E-03
45	-.3608E-03	.1674E-03	46	-.4545E-03	.1137E-03	47	-.5488E-03	48	-.6213E-03	.3681E-04
49	-.6725E-03	.1645E-04	50	-.6886E-03	0.	51	0.	52	-.6832E-04	.3132E-03
53	-.1972E-03	.2856E-03	54	-.3021E-03	.2424E-03	55	-.4037E-03	56	-.1890E-03	.1376E-03
57	-.6001E-03	.8796E-04	58	-.6783E-03	.5256E-04	59	-.7267E-03	60	-.5095E-03	0.
61	0.	.3540E-03	62	-.1124E-03	.3400E-03	63	-.2278E-03	64	-.7449E-03	.2688E-03
65	-.4579E-03	.2158E-03	66	-.5648E-03	.1581E-03	67	-.6644E-03	68	-.7404E-03	.6475E-04
69	-.7923E-03	.3101E-04	70	-.8089E-03	0.	71	0.	72	-.1523E-03	.5844E-03
73	-.2640E-03	.3529E-03	74	-.5962E-03	.3046E-03	75	-.5229E-03	76	-.6449E-03	.1880E-03
77	-.7458E-03	.1513E-03	78	-.8292E-03	.8307E-04	79	-.8809E-03	80	-.8999E-03	0.
81	0.	.4597E-03	82	-.1292E-03	.4348E-03	83	-.2584E-03	84	-.3799E-03	.4023E-03
85	-.5090E-03	.2985E-03	86	-.7046E-03	.2233E-03	87	-.9041E-03	88	-.9249E-03	.9136E-04
89	-.9483E-03	.4271E-04	90	-.9567E-03	0.	91	0.	92	-.1266E-03	.4938E-03
93	-.2513E-03	.4826E-03	94	-.3705E-03	.4655E-03	95	-.4791E-03	96	-.4943E-03	.3729E-03
97	-.6697E-03	.3479E-03	98	-.6883E-03	.2727E-03	99	-.8810E-03	100	-.1084E-02	.1451E-03
101	-.1104E-02	.7544E-04	102	-.1115E-02	0.	103	0.	104	-.1205E-03	.5500E-03
105	-.2408E-03	.5424E-03	106	-.3558E-03	.5288E-03	107	-.4632E-03	108	-.6345E-03	.4901E-03
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113	-.1064E-02	.2141E-03	114	-.1442E-02	0.	115	-.1442E-02	116	-.1433E-02	.1450E-03
117	-.1426E-02	.2271E-03	118	-.1414E-02	.3207E-03	119	-.1397E-02	120	-.8125E-03	.4692E-03
121	-.1009E-02	.4490E-03	122	-.1028E-02	.3700E-03	123	-.1044E-02	124	-.1769E-02	0.
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133	-.2081E-02	.2294E-03	134	-.2146E-02	.3286E-03	135	-.2256E-02	136	-.2266E-02	.6461E-04
137	-.2266E-02	.1287E-03	138	-.2359E-02	.1912E-03	139	-.2515E-02	140	-.2686E-02	.2836E-03
141	-.2500E-02	.6058E-04	142	-.2513E-02	.1207E-03	143	-.2614E-02	144	-.2893E-02	.1984E-03
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149	-.3072E-02	.2674E-03	150	-.3422E-02	.2944E-03	151	-.3009E-02	152	-.3018E-02	.3727E-03
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157	-.3910E-02	.4946E-03	158	-.3269E-02	0.	159	-.3301E-02	160	-.3405E-02	.2449E-03
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173	-.4058E-02	.3613E-03	174	-.4199E-02	.4767E-03	175	-.4276E-02	176	-.4252E-02	0.
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Data Documents Inc

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66	-1182	352	679	788	759	-1262	-78	-5776	0	1251	1514	1563	-6089	0	7002	685	627	0	66
67	-1067	352	564	655	628	-1130	-78	-5324	0	812	1254	1058	-5570	0	6168	603	556	0	67
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69	-774	288	368	656	455	-866	-74	-3993	0	307	1243	641	-4327	0	4680	458	425	0	69
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123	-1020	414	420	248	430	-1030	-85	-5434	0	5	478	47	-5476	0	5500	538	493	0	123
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162	-1053	473	399	98	401	-1054	88	-5147	0	-254	168	-248	-5153	0	506	574	0	0	0	162
163	-1083	491	405	88	406	-1085	88	-5315	0	-297	152	-293	-5320	0	5179	506	574	0	0	163
164	-1104	463	465	241	474	-1113	85	-5282	0	7	412	-39	-5314	0	5354	521	592	0	0	164
165	-1163	506	461	174	466	-1168	86	-5681	0	-162	308	-145	-5659	0	5567	546	619	0	0	165
166	-1201	484	533	343	550	-1218	86	-6149	0	168	592	228	-5746	0	5863	573	649	0	0	166
167	-1278	540	613	229	620	-1284	86	-6035	0	420	398	445	-6060	0	6165	603	680	0	0	167
168	-1294	493	613	229	620	-1301	86	-6035	0	420	398	445	-6060	0	6165	603	680	0	0	168
169	-1306	565	525	-50	525	-1306	89	-6337	0	-142	-87	-141	-6338	0	6294	613	691	0	0	169
170	-1320	553	516	-38	516	-1280	89	-6206	0	-128	-68	-127	-6207	0	6144	601	677	0	0	170
171	-1280	539	536	-7	536	-1280	89	-5859	0	-11	-13	-11	-6155	0	6149	601	678	0	0	171
172	-1217	517	503	-22	503	-1217	89	-5859	0	-45	-38	-45	-5859	0	5837	571	645	0	0	172
173	-1335	565	555	-102	556	-1337	88	-6442	0	-33	-180	-28	-6447	0	6433	629	707	0	0	173
174	-1287	544	536	-63	536	-1288	88	-6201	0	-148	-166	-145	-6256	0	6166	605	681	0	0	174
175	-1352	563	578	-41	578	-1352	89	-6481	0	-31	-111	-29	-6203	0	6188	605	682	0	0	175
176	-1353	566	578	-41	578	-1352	89	-6481	0	-31	-111	-29	-6203	0	6188	605	682	0	0	176
177	-1353	566	578	-41	578	-1352	89	-6481	0	-31	-111	-29	-6203	0	6188	605	682	0	0	177
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197	-1227	519	467	-29	468	-1227	89	-6252	0	-344	0	-344	-6253	0	6070	593	659	0	197
198	-1228	544	544	54	545	-1228	-89	-6208	0	10	96	11	-6210	0	6070	608	665	0	198
199	-1229	554	544	-25	545	-1229	-89	-6353	0	-103	-41	-103	-6354	0	6302	616	664	0	199
200	-1230	554	564	25	564	-1230	-89	-6416	0	19	47	19	-6417	0	6426	628	707	0	200
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207	-1237	542	467	-20	468	-1237	-89	-5857	0	-213	-40	-213	-5858	0	5748	563	636	0	207
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212	-1242	577	600	-114	602	-1242	-89	-6694	0	84	-202	90	-6700	0	6746	660	741	0	212
213	-1243	540	560	-7	560	-1243	-89	-5564	0	-604	-12	-604	-5564	0	5286	517	584	0	213
214	-1244	572	524	-46	524	-1244	-89	-5706	0	-844	-77	-844	-5708	0	5336	522	589	0	214
215	-1245	540	565	-80	565	-1245	-89	-5575	0	-599	-135	-599	-5578	0	5306	509	574	0	215
216	-1246	585	328	-148	332	-1246	-89	-5832	0	-873	-248	-873	-5844	0	5465	534	603	0	216
217	-1247	537	420	-126	422	-1247	-89	-6116	0	-389	-210	-389	-6116	0	5564	544	615	0	217
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225	-1255	568	295	-145	299	-1255	-89	-5571	0	-923	-242	-923	-5584	0	5189	507	573	0	225
226	-1256	573	289	-387	315	-1256	-89	-5587	0	-959	-352	-959	-5678	0	5297	518	585	0	226
227	-1257	602	402	-346	421	-1257	-89	-6211	0	-676	-586	-676	-6213	0	5989	586	661	0	227
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229	-1259	803	465	-793	540	-1259	-89	-5284	0	-1172	-1339	-1172	-5382	0	7901	773	870	0	229
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231	-1261	550	279	-71	280	-1261	-89	-5380	0	-922	-121	-922	-5384	0	4988	488	550	0	231
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233	-1263	517	295	-122	298	-1263	-89	-5161	0	-743	-206	-743	-5171	0	4845	474	534	0	233
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235	-1265	605	299	-481	339	-1265	-89	-5902	0	-1043	-311	-1043	-5904	0	5634	551	620	0	235
236	-1266	487	465	-659	531	-1266	-89	-5469	0	-38	-1118	-38	-5690	0	5783	565	634	0	236
237	-1267	786	518	-1066	470	-1267	-89	-7427	0	-1618	-1798	-1618	-7939	0	7447	728	822	0	237
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254	-1284	383	336	-451	377	-1284	-89	-4217	0	-156	-767	-156	-4217	0	4985	487	550	0	254
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258	-1288	375	375	-42	375	-1288	-89	-4474	0	-82	-71	-82	-4475	0	4985	487	550	0	258
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265	-795	363	293	-717	401	-903	73	-5925	0	-237	-1209	124	-4286	0	4349	425	479	0	265
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297	-727	239	397	-76	398	-728	88	-3270	0	469	-128	473	-3199	0	3461	338	382	0	297
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307	-667	234	361	-75	363	-668	87	-3109	0	430	-160	437	-3117	0	3357	328	370	0	307
308	-667	219	364	-75	365	-668	87	-3114	0	486	-127	491	-3003	0	3277	320	362	0	308
309	-667	252	318	-74	320	-669	87	-3114	0	224	-135	229	-3119	0	3240	317	357	0	309
310	-635	243	298	-92	301	-637	87	-2970	0	186	-156	194	-2974	0	3079	301	340	0	310
311	-635	261	274	-20	274	-635	89	-3033	0	41	-34	42	-3034	0	3055	298	337	0	311
312	-631	261	271	-19	271	-631	89	-3019	0	33	-33	33	-3019	0	3036	297	335	0	312

TIME 47 = 5000.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE = 1.0000

NODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	.2650E-03	2	0.	.2587E-03	5	1	1953E-03	2292E-03	4	4	5204E-03	2207E-03
5	0.	.1885E-03	6	0.	.1619E-03	7	11	634E-03	1244E-03	8	12	7035E-03	4597E-04
9	0.	.4319E-04	10	0.	.2216E-03	15	15	5982E-03	2164E-04	16	16	5151E-03	1779E-03
13	0.	.1750E-03	14	0.	.5039E-04	19	19	7477E-03	2164E-04	20	20	7608E-03	1776E-03
17	0.	.6140E-03	18	0.	.4061E-03	23	23	1792E-03	7093E-04	24	24	6958E-03	2342E-03
21	0.	.5075E-03	22	0.	.1162E-03	27	27	6099E-03	5405E-03	28	28	5280E-04	3395E-04
25	0.	.1751E-03	26	0.	.2485E-03	35	35	4005E-03	1858E-03	36	36	5212E-03	1264E-03
29	0.	.7530E-03	30	0.	.3851E-04	39	39	7779E-03	1547E-04	40	40	7943E-03	2644E-03
33	0.	.1873E-03	34	0.	.3554E-03	43	43	2693E-03	3211E-03	44	44	5173E-03	4808E-04
37	0.	.6262E-03	38	0.	.1016E-03	47	47	6670E-03	8943E-04	48	48	1187E-03	3697E-03
41	0.	.3649E-03	42	0.	.5525E-03	51	51	0.	4024E-03	52	52	6184E-03	1707E-03
45	0.	.4386E-03	46	0.	.8364E-03	55	55	4896E-03	2343E-03	56	56	9040E-03	0.
49	0.	.8169E-03	50	0.	.5660E-03	59	59	8915E-03	2800E-04	60	60	4126E-03	5343E-03
53	0.	.2383E-03	54	0.	.8242E-03	63	63	2754E-03	3912E-03	64	64	8977E-03	801E-04
57	0.	.7283E-03	58	0.	.1356E-03	67	67	8056E-03	1768E-03	68	68	1598E-03	4795E-03
61	0.	.5548E-03	62	0.	.6847E-03	71	71	6330E-03	3077E-03	72	72	7812E-03	2344E-03
65	0.	.6081E-03	66	0.	.9808E-03	75	75	3796E-03	4884E-04	76	76	1040E-02	0.
69	0.	.3189E-03	70	0.	.4793E-03	79	79	1057E-02	5233E-03	80	80	4590E-03	5033E-03
73	0.	.9035E-03	74	0.	.1005E-02	83	83	5121E-03	1880E-03	84	84	1125E-02	1144E-03
77	0.	.6158E-03	78	0.	.1559E-03	87	87	1094E-02	6239E-03	88	88	1528E-03	6166E-03
81	0.	.3723E-03	82	0.	.4528E-03	91	91	5787E-03	5618E-03	92	92	5974E-03	4656E-03
85	0.	.5350E-04	86	0.	.1159E-02	95	95	1066E-02	2643E-03	96	96	1512E-02	6933E-03
89	0.	.1148E-02	90	0.	.4479E-03	99	99	5815E-03	6416E-03	100	100	1452E-03	6131E-03
93	0.	.3033E-03	94	0.	.8325E-03	103	103	3406E-03	4102E-03	104	104	1044E-02	1826E-03
97	0.	.7876E-03	98	0.	.1349E-02	107	107	5591E-03	8735E-04	108	108	2137E-02	5874E-03
101	0.	.1366E-02	102	0.	.4293E-02	111	111	1742E-02	5233E-03	112	112	2172E-02	3536E-03
105	0.	.2904E-03	106	0.	.1001E-02	115	115	1688E-02	3633E-03	116	116	2172E-02	1809E-03
109	0.	.1287E-02	110	0.	.1745E-02	119	119	1262E-02	2527E-03	120	120	2466E-02	8269E-04
113	0.	.1723E-02	114	0.	.2148E-02	123	123	2155E-02	8476E-04	124	124	2733E-02	0.
117	0.	.2191E-02	118	0.	.2436E-02	127	127	2723E-02	3867E-03	128	128	3002E-02	3630E-03
121	0.	.2139E-02	119	0.	.2593E-02	131	131	3038E-02	2578E-03	132	132	3494E-02	2518E-03
125	0.	.2174E-02	120	0.	.2648E-02	135	135	3155E-02	1457E-03	136	136	3503E-02	1031E-03
129	0.	.2515E-02	121	0.	.3032E-02	139	139	3337E-02	0.	138	138	3641E-02	4680E-03
133	0.	.2758E-02	122	0.	.3385E-02	143	143	4001E-02	1529E-03	144	144	4108E-02	5103E-03
137	0.	.3017E-02	123	0.	.4150E-02	147	147	4982E-02	6004E-03	148	148	4907E-02	5531E-03
141	0.	.3322E-02	124	0.	.4518E-02	151	151	5928E-02	2400E-03	149	149	4514E-02	4414E-03
145	0.	.3708E-02	125	0.	.4980E-02	155	155	7290E-02	0.	150	150	4760E-02	2252E-03
149	0.	.4270E-02	126	0.	.5505E-02	159	159	8679E-02	7290E-03	151	151	5131E-02	0.
153	0.	.4923E-02	127	0.	.6879E-02	163	163	9222E-02	5836E-03	152	152	5438E-02	7127E-03
157	0.	.5708E-02	128	0.	.7507E-02	167	167	10651E-02	4049E-03	153	153	5710E-02	5689E-03
161	0.	.6559E-02	129	0.	.8265E-02	171	171	12627E-02	2264E-03	154	154	5990E-02	4257E-03
165	0.	.7517E-02	130	0.	.9101E-02	175	175	15928E-02	0.	155	155	6251E-02	0.
169	0.	.8588E-02	131	0.	.1005E-01	179	179	19377E-02	5836E-03	156	156	6538E-02	5689E-03
173	0.	.9898E-02	132	0.	.1126E-01	183	183	23627E-02	4049E-03	157	157	6827E-02	4257E-03
177	0.	.1133E-01	133	0.	.1265E-01	187	187	28281E-02	2264E-03	158	158	7127E-02	0.
181	0.	.1301E-01	134	0.	.1428E-01	190	190	33958E-02	0.	159	159	7498E-02	0.
185	0.	.1495E-01	135	0.	.1618E-01	193	193	40498E-02	0.	160	160	7812E-02	0.
189	0.	.1723E-01	136	0.	.1838E-01	196	196	48981E-02	0.	161	161	8162E-02	0.
			137	0.	.2098E-01	199	199	58981E-02	0.	162	162	8541E-02	0.
			138	0.	.2408E-01	202	202	70981E-02	0.	163	163	8927E-02	0.
			139	0.	.2763E-01	205	205	85981E-02	0.	164	164	9312E-02	0.
			140	0.	.3173E-01	208	208	103981E-02	0.	165	165	9707E-02	0.
			141	0.	.3638E-01	211	211	125981E-02	0.	166	166	10102E-02	0.
			142	0.	.4168E-01	214	214	151981E-02	0.	167	167	10497E-02	0.
			143	0.	.4763E-01	217	217	181981E-02	0.	168	168	10892E-02	0.
			144	0.	.5423E-01	220	220	215981E-02	0.	169	169	11287E-02	0.
			145	0.	.6148E-01	223	223	257981E-02	0.	170	170	11682E-02	0.
			146	0.	.6938E-01	226	226	307981E-02	0.	171	171	12077E-02	0.
			147	0.	.7793E-01	229	229	365981E-02	0.	172	172	12472E-02	0.
			148	0.	.8713E-01	232	232	431981E-02	0.	173	173	12867E-02	0.
			149	0.	.9708E-01	235	235	505981E-02	0.	174	174	13262E-02	0.
			150	0.	.1078E-01	238	238	587981E-02	0.	175	175	13657E-02	0.
			151	0.	.1193E-01	241	241	679981E-02	0.	176	176	14052E-02	0.
			152	0.	.1323E-01	244	244	781981E-02	0.	177	177	14447E-02	0.
			153	0.	.1468E-01	247	247	893981E-02	0.	178	178	14842E-02	0.
			154	0.	.1628E-01	250	250	1015981E-02	0.	179	179	15237E-02	0.
			155	0.	.1793E-01	253	253	1147981E-02	0.	180	180	15632E-02	0.
			156	0.	.1973E-01	256	256	1299981E-02	0.	181	181	16027E-02	0.
			157	0.	.2168E-01	259	259	1471981E-02	0.	182	182	16422E-02	0.
			158	0.	.2378E-01	262	262	1663981E-02	0.	183	183	16817E-02	0.
			159	0.	.2603E-01	265	265	1875981E-02	0.	184	184	17212E-02	0.
			160	0.	.2843E-01	268	268	2107981E-02	0.	185	185	17607E-02	0.
			161	0.	.3098E-01	271	271	2359981E-02	0.	186	186	18002E-02	0.
			162	0.	.3368E-01	274	274	2631981E-02	0.	187	187	18397E-02	0.
			163	0.	.3653E-01	277	277	2913981E-02	0.	188	188	18792E-02	0.
			164	0.	.3953E-01	280	280	3215981E-02	0.	189	189	19187E-02	0.
			165	0.	.4268E-01	283	283	3537981E-02	0.				
			166	0.	.4598E-01	286	286	3879981E-02	0.				
			167	0.	.4943E-01	289	289	4241981E-02	0.				
			168	0.	.5303E-01	292	292	4613981E-02	0.				
			169	0.	.5678E-01	295	295	5005981E-02	0.				
			170	0.	.6068E-01	298	298	5417981E-02	0.				
			171	0.	.6473E-01	301	301	5849981E-02	0.				
			172	0.	.6893E-01	304	304	6291981E-02	0.				
			173	0.	.7328E-01	307	307	6753981E-02	0.				
			174	0.	.7778E-01	310	310	7235981E-02	0.				
			175	0.	.8243E-01	313	313	7737981E-02	0.				
			176	0.	.8723E-01	316	316	8259981E-02	0.				
			177	0.	.9218E-01	319	319	8791981E-02	0.				
			178	0.	.9728E-01	322	322	9343981E-02	0.				
			179	0.	1.0253E-01	325	325	9905981E-02	0.				
			180	0.	1.0793E-01	328	328	10487981E-02	0.				
			181	0.	1.1348E-01	331	331	11089981E-02	0.				
			182	0.	1.1918E-01	334	334	11711981E-02	0.				
			183	0.	1.2503E-01	337	337	12353981E-02	0.				
			184	0.	1.3103E-01	340	340	13015981E-02	0.				
			185	0.	1.3718E-01	343	343	13697981E-02	0.				
			186	0.	1.4348E-01	346	346	14409981E-02	0.				
			187	0.	1.4993E-01	349							

63	-1773	659	888	137	850	-1774	-68	*	-7524	0	742	260	750	-7553	*	0	7954	776	1016	0	0	63
64	-1767	582	985	773	1034	-1620	-81	*	-7258	0	1269	1237	1445	-7454	*	0	8252	707	1057	0	0	64
65	-1643	562	888	706	937	-1691	-81	*	-6795	0	1015	1317	1176	-6956	*	0	7613	744	981	0	0	65
66	-1426	437	439	967	938	-1525	-78	*	-5754	0	1264	1523	1580	-6070	*	0	6996	644	697	0	0	66
67	-1284	437	698	602	776	-1362	-78	*	-5306	0	821	1267	1071	-5556	*	0	6162	602	792	0	0	67
68	-1112	372	612	1229	808	-1309	-72	*	-4573	0	746	1914	1364	-5190	*	0	5990	586	771	0	0	68
69	-934	357	455	800	562	-1042	-74	*	-3976	0	507	1250	645	-4314	*	0	4671	457	603	0	0	69
70	-793	287	407	805	530	-915	-72	*	-3325	0	590	1255	774	-3710	*	0	4152	406	534	0	0	70
71	-701	286	316	297	337	-722	-81	*	-3040	0	108	463	175	-5106	*	0	3198	312	412	0	0	71
72	-619	281	242	329	272	-664	-79	*	-2766	0	1109	511	-11	-2461	*	0	2852	274	370	0	0	72
73	-1502	772	456	778	457	-1500	88	*	-7097	0	1026	137	-1023	-7100	*	0	6921	677	881	0	0	73
74	-1561	770	441	-266	494	-1540	85	*	-7199	0	912	445	-560	-7537	*	0	6833	668	865	0	0	74
75	-1531	770	585	-174	549	-1631	87	*	-7525	0	-572	290	-560	-7537	*	0	7272	711	914	0	0	75
76	-1627	774	655	-343	668	-1705	85	*	-7711	0	-349	546	-308	-7752	*	0	7602	743	958	0	0	76
77	-1693	769	655	-343	668	-1705	85	*	-7711	0	-349	546	-308	-7752	*	0	7602	743	958	0	0	77
78	-1642	696	705	-170	708	-1645	-87	*	-7300	0	71	259	80	-7350	*	0	7350	719	927	0	0	78
79	-1689	790	747	-215	751	-1694	-87	*	-7404	0	172	320	186	-7462	*	0	7557	739	958	0	0	79
80	-1774	658	888	137	890	-1776	-88	*	-7578	0	752	247	759	-7586	*	0	7993	782	1012	0	0	80
81	-1775	658	888	137	890	-1776	-88	*	-7578	0	752	247	759	-7586	*	0	7993	782	1012	0	0	81
82	-1620	552	878	406	894	-1637	-85	*	-6738	0	1043	660	1099	-6794	*	0	7405	724	943	0	0	82
83	-1561	563	804	397	821	-1577	-85	*	-6574	0	766	642	822	-6630	*	0	7078	692	906	0	0	83
84	-1497	509	813	880	894	-1578	-79	*	-6203	0	948	1390	1209	-6464	*	0	7146	699	916	0	0	84
85	-1362	508	678	724	741	-1424	-80	*	-5779	0	524	1143	725	-5980	*	0	6373	623	819	0	0	85
86	-1183	419	620	791	703	-1265	-78	*	-4	0	641	1242	905	-5210	*	0	5717	559	733	0	0	86
87	-1078	426	505	543	551	-1123	-80	*	-4644	0	256	853	401	-4789	*	0	5001	489	643	0	0	87
88	-946	405	401	741	496	-1041	-75	*	-4171	0	115	1158	285	-4472	*	0	4622	452	595	0	0	88
89	-858	405	314	259	328	-812	-83	*	-3900	0	-285	50	-200	-3945	*	0	3830	374	495	0	0	89
90	-844	367	350	206	359	-853	-85	*	-3738	0	-42	523	-14	-3767	*	0	3760	367	484	0	0	90
91	-1461	582	841	366	855	-1638	-85	*	-6853	0	824	594	870	-6498	*	0	7372	721	939	0	0	91
92	-1499	731	513	-71	514	-1500	88	*	-6956	0	-705	-121	-702	-6958	*	0	7055	690	903	0	0	92
93	-1530	729	546	-249	553	-1538	86	*	-7057	0	-596	-413	-570	-7084	*	0	6816	667	865	0	0	93
94	-1520	699	578	-193	582	-1525	87	*	-6929	0	-596	-413	-570	-7084	*	0	6816	667	865	0	0	94
95	-1571	703	623	-297	633	-1581	86	*	-7109	0	-375	-316	-360	-6944	*	0	6771	662	858	0	0	95
96	-1631	676	720	-139	722	-1633	88	*	-7208	0	165	-214	171	-7214	*	0	7301	714	921	0	0	96
97	-1674	678	760	-183	764	-1678	87	*	-7337	0	270	-276	280	-7347	*	0	7491	733	950	0	0	97
98	-1630	616	801	9	801	-1630	-89	*	-6995	0	608	28	608	-6995	*	0	7318	716	928	0	0	98
99	-1639	630	791	28	791	-1639	-89	*	-7057	0	520	60	521	-7057	*	0	7332	717	933	0	0	99
100	-1624	582	841	366	855	-1638	-85	*	-6853	0	824	594	870	-6498	*	0	7372	721	939	0	0	100
101	-1565	587	775	351	788	-1578	-85	*	-6675	0	545	568	629	-6720	*	0	7055	690	903	0	0	101
102	-1438	512	750	521	781	-1469	-83	*	-6042	0	759	824	858	-6142	*	0	6813	647	845	0	0	102
103	-1370	528	660	455	686	-1395	-83	*	-5880	0	419	722	501	-5962	*	0	6228	609	798	0	0	103
104	-1254	489	597	707	662	-1320	-79	*	-5394	0	536	1114	546	-5603	*	0	5895	576	756	0	0	104
105	-1154	492	491	470	524	-1187	-81	*	-5093	0	-7	740	97	-5198	*	0	5248	513	675	0	0	105
106	-1077	446	477	457	510	-1110	-81	*	-4711	0	103	719	209	-4816	*	0	4924	481	632	0	0	106
107	-1027	452	479	186	425	-1033	-86	*	-4579	0	-99	292	-80	-4598	*	0	4558	446	586	0	0	107
108	-960	453	350	196	337	-967	-85	*	-4370	0	-324	308	-300	-4393	*	0	4250	415	548	0	0	108
109	-1461	680	530	-89	531	-1462	88	*	-6700	0	-521	148	-517	-6703	*	0	6460	632	824	0	0	109
110	-1450	681	532	-78	533	-1451	88	*	-6643	0	-480	-130	-477	-6645	*	0	6420	628	818	0	0	110
111	-1472	680	555	-204	560	-1477	86	*	-6711	0	-480	-130	-477	-6645	*	0	6420	628	818	0	0	111
112	-1513	672	607	-159	610	-1516	87	*	-6817	0	-405	-353	-357	-6728	*	0	6533	640	832	0	0	112
113	-1560	675	650	-260	658	-1568	86	*	-6975	0	-199	-259	-189	-6828	*	0	6735	659	855	0	0	113
114	-1532	630	683	-163	686	-1535	87	*	-6736	0	-73	-418	-48	-7001	*	0	6847	669	869	0	0	114
115	-1581	657	695	-155	698	-1583	88	*	-6974	0	125	-242	134	-6987	*	0	7055	690	895	0	0	115
116	-1611	628	776	30	776	-1611	-89	*	-6950	0	507	42	506	-6950	*	0	7218	706	916	0	0	116
117	-1615	628	776	30	776	-1615	-89	*	-6950	0	451	61	451	-6974	*	0	7215	706	919	0	0	117
118	-1541	572	772	180	775	-1545	-87	*	-6566	0	645	294	638	-6578	*	0	6930	678	862	0	0	118
119	-1500	593	702	190	706	-1504	-87	*	-6501	0	305	308	358	-6515	*	0	6701	655	856	0	0	119
120	-1449	549	710	457	734	-1473	-83	*	-6196	0	509	729	587	-6274	*	0	6568	644	842	0	0	120
121	-1382	558	631	386	649	-1400	-84	*	-6013	0	226	615	286	-6073	*	0	6222	608	747	0	0	121
122	-1283	504	605	426	629	-1307	-83	*	-5534	0	327	675	404	-5611	*	0	5823	569	746	0	0	122
123	-1228	523	525	305	538	-1241	-84	*	-5427	0	7	482	50	-5470	*	0	5495	537	704	0	0	123
124	-1148	505	468	405	493	-1173	-82	*	-5121	0	-119	638	-39	-5201	*	0	5182	507	665	0	0	124
125	-1101	509	416	145	419	-1104	-87	*	-4987	0	-295	228	-284	-4994	*	0	4862	475	625	0	0	125
126	-1094	487	439	111	441	-1096	-87	*	-4898	0	144	175	-137	-4905	*	0	4837	473	621	0	0	126
127	-1448	647	576	-48	576	-1448	89	*	-6521	0	-227	-79	-226	-6522	*	0	6412	627	818	0	0	127
128	-1416	646	544	-54	545	-1416	89	*	-6419	0	-329	-88	-328	-6420	*	0	6262	612	799	0	0	128

133	-1468	600	576	-176	540	-1470	87	-6624	0	-212	-286	-259	-6637	0	6511	637	629	629	0	0	133
134	-1468	600	601	-131	605	-1450	84	-6468	0	-86	-213	-78	-6475	0	6436	629	619	629	0	0	134
135	-1468	600	601	-180	604	-1539	87	-6414	0	38	-289	50	-6426	0	6851	670	669	670	0	0	135
136	-1468	600	601	-154	604	-1456	87	-6491	0	-46	-254	-86	-6501	0	6454	676	676	676	0	0	136
137	-1468	600	601	-90	721	-1508	88	-6731	0	341	-141	304	-6734	0	6794	664	664	664	0	0	137
138	-1468	600	601	-156	663	-1526	87	-6746	0	68	-246	77	-6755	0	6816	672	672	672	0	0	138
139	-1468	600	601	160	674	-1488	87	-6647	0	392	226	339	-6666	0	6877	671	671	671	0	0	139
140	-1468	600	601	138	728	-1540	88	-6661	0	365	10	365	-6674	0	6864	671	671	671	0	0	140
141	-1468	600	601	-10	720	-1538	89	-6674	0	-255	164	-204	-5152	0	5032	492	492	492	0	0	141
142	-1468	600	601	107	441	-1141	88	-5146	0	-299	153	-245	-5320	0	5179	506	506	506	0	0	142
143	-1468	600	601	46	447	-1175	88	-5315	0	9	412	41	-5311	0	5332	521	521	521	0	0	143
144	-1468	600	601	262	521	-1205	85	-5279	0	-164	309	-146	-5658	0	5586	546	546	546	0	0	144
145	-1468	600	601	195	512	-1265	86	-5640	0	170	594	250	-5742	0	5861	573	573	573	0	0	145
146	-1468	600	601	375	604	-1320	84	-5683	0	-32	355	-12	-6170	0	6164	603	603	603	0	0	146
147	-1468	600	601	251	591	-1391	86	-6149	0	-144	401	-145	-6359	0	6269	615	615	615	0	0	147
148	-1468	600	601	-42	568	-1387	89	-6206	0	-129	-70	-128	-6207	0	6149	601	601	601	0	0	148
149	-1468	600	601	-8	589	-1387	89	-6155	0	-11	-14	-11	-6155	0	6149	601	601	601	0	0	149
150	-1468	600	601	-24	554	-1319	89	-5857	0	-45	-38	-44	-5857	0	5835	629	629	629	0	0	150
151	-1468	600	601	-112	612	-1450	88	-6444	0	-33	-183	-28	-6449	0	6435	605	605	605	0	0	151
152	-1468	600	601	-70	590	-1396	88	-6253	0	-150	-112	-30	-6204	0	6188	605	605	605	0	0	152
153	-1468	600	601	-139	576	-1455	88	-6464	0	-32	-112	-30	-6204	0	6188	605	605	605	0	0	153
154	-1468	600	601	-121	610	-1427	88	-6320	0	-43	-224	-36	-6476	0	6458	584	584	584	0	0	154
155	-1468	600	601	-71	611	-1425	88	-6316	0	9	-115	21	-6318	0	6354	619	619	619	0	0	155
156	-1468	600	601	-86	576	-1373	88	-6108	0	-53	-106	-51	-6110	0	6328	619	619	619	0	0	156
157	-1468	600	601	-125	668	-1408	88	-6520	0	188	-200	194	-6526	0	6625	648	648	648	0	0	157
158	-1468	600	601	-67	645	-1485	89	-6570	0	39	-219	47	-6598	0	6622	647	647	647	0	0	158
159	-1468	600	601	-47	628	-1462	89	-6480	0	-16	-203	-10	-6386	0	6361	624	624	624	0	0	159
160	-1468	600	601	-49	614	-1421	89	-6284	0	-7	-122	-5	-6378	0	6312	623	623	623	0	0	160
161	-1468	600	601	-60	614	-1421	89	-6284	0	52	-97	53	-6285	0	6312	617	617	617	0	0	161
162	-1468	600	601	-58	688	-1517	89	-6640	0	226	8	226	-6640	0	6756	661	661	661	0	0	162
163	-1468	600	601	-84	673	-1486	88	-6515	0	145	-90	144	-6677	0	6751	660	660	660	0	0	163
164	-1468	600	601	-86	662	-1462	88	-6447	0	190	-132	193	-6517	0	6616	647	647	647	0	0	164
165	-1468	600	601	-67	645	-1485	89	-6570	0	104	-137	106	-6449	0	6504	636	636	636	0	0	165
166	-1468	600	601	-49	614	-1421	89	-6284	0	63	-107	65	-6371	0	6495	635	635	635	0	0	166
167	-1468	600	601	-49	614	-1421	89	-6284	0	-17	-79	-16	-6441	0	6491	635	635	635	0	0	167
168	-1468	600	601	-49	614	-1421	89	-6284	0	-73	207	-67	-6525	0	6491	635	635	635	0	0	168
169	-1468	600	601	-49	614	-1421	89	-6284	0	364	205	371	-6334	0	6527	614	614	614	0	0	169
170	-1468	600	601	-49	614	-1421	89	-6284	0	-344	136	-341	-5420	0	5531	521	521	521	0	0	170
171	-1468	600	601	-49	614	-1421	89	-6284	0	-222	137	-218	-5437	0	5646	557	557	557	0	0	171
172	-1468	600	601	-49	614	-1421	89	-6284	0	-147	316	-174	-5734	0	5695	557	557	557	0	0	172
173	-1468	600	601	-49	614	-1421	89	-6284	0	-114	248	-103	-5706	0	6044	591	591	591	0	0	173
174	-1468	600	601	-49	614	-1421	89	-6284	0	185	303	200	-5951	0	6053	592	592	592	0	0	174
175	-1468	600	601	-49	614	-1421	89	-6284	0	14	105	15	-6564	0	6572	645	645	645	0	0	175
176	-1468	600	601	-49	614	-1421	89	-6284	0	248	45	248	-6441	0	6509	642	642	642	0	0	176
177	-1468	600	601	-49	614	-1421	89	-6284	0	57	13	57	-6483	0	6512	637	637	637	0	0	177
178	-1468	600	601	-49	614	-1421	89	-6284	0	33	-33	33	-6493	0	6510	637	637	637	0	0	178
179	-1468	600	601	-49	614	-1421	89	-6284	0	107	-52	107	-6473	0	6527	638	638	638	0	0	179
180	-1468	600	601	-49	614	-1421	89	-6284	0	12	-27	12	-6514	0	6520	637	637	637	0	0	180
181	-1468	600	601	-49	614	-1421	89	-6284	0	24	-36	24	-6554	0	6567	642	642	642	0	0	181
182	-1468	600	601	-49	614	-1421	89	-6284	0	-230	137	-227	-6348	0	6293	615	615	615	0	0	182
183	-1468	600	601	-49	614	-1421	89	-6284	0	177	169	181	-6400	0	6363	622	622	622	0	0	183
184	-1468	600	601	-49	614	-1421	89	-6284	0	-74	75	-73	-6400	0	6474	633	633	633	0	0	184
185	-1468	600	601	-49	614	-1421	89	-6284	0	199	78	110	-6365	0	6453	628	628	628	0	0	185
186	-1468	600	601	-49	614	-1421	89	-6284	0	5	15	5	-6450	0	6474	633	633	633	0	0	186
187	-1468	600	601	-49	614	-1421	89	-6284	0	52	12	52	-6451	0	6491	635	635	635	0	0	187
188	-1468	600	601	-49	614	-1421	89	-6284	0	-29	-25	-25	-6505	0	6599	645	645	645	0	0	188
189	-1468	600	601	-49	614	-1421	89	-6284	0	5	-1	-1	-6596	0	6599	645	645	645	0	0	189
190	-1468	600	601	-49	614	-1421	89	-6284	0	-476	4	-476	-5642	0	5597	547	547	547	0	0	190
191	-1468	600	601	-49	614	-1421	89	-6284	0	-374	68	-373	-5173	0	5597	547	547	547	0	0	191
192	-1468	600	601	-49	614	-1421	89	-6284	0	-351	50	-350	-5764	0	5597	547	547	547	0	0	192
193	-1468	600	601	-49	614	-1421	89	-6284	0	-351	50	-350	-5764	0	5597	547	547	547	0	0	193
194	-1468	600	601	-49	614	-1421	89	-6284	0	-351	50	-350	-5764	0	5597	547	547	547	0	0	194

261	-902	359	419	-221	428	-912	85	-3916	0	191	-342	214	-5945	0	4059	397	514	0	261
262	-919	390	394	-177	400	-425	86	-4069	0	27	-276	41	-4088	0	4109	402	524	0	262
263	-987	457	370	-520	418	-1035	79	-4502	0	-280	-801	-133	-4644	0	4584	408	545	0	263
264	-862	342	402	-363	427	-887	81	-3737	0	190	-564	269	-3817	0	3959	387	506	0	264
265	-862	349	323	-780	430	-979	73	-3928	0	234	-1207	121	-4244	0	4350	425	555	0	265
266	-840	249	305	-517	371	-706	75	-2750	0	184	-808	392	-2958	0	3172	310	408	0	266
267	-477	305	66	-827	289	-701	61	-2445	0	-749	-1280	-61	-3132	0	5102	303	396	0	267
268	-203	40	151	-478	271	-324	63	-741	0	376	-753	753	-1118	0	1632	159	205	0	268
269	-203	115	47	-218	88	-244	69	-1001	0	-216	-344	383	-4220	0	1090	106	136	0	269
270	-986	369	489	-125	491	-989	87	-4212	0	375	-194	383	-4220	0	4425	432	565	0	270
271	-498	385	480	-146	483	-1002	87	-4303	0	287	-229	299	-4314	0	4471	437	571	0	271
272	-498	385	480	-146	483	-1002	87	-4303	0	287	-229	299	-4314	0	4471	437	571	0	272
273	-911	372	419	-309	437	-897	83	-3791	0	247	-480	303	-5647	0	4007	392	512	0	273
274	-779	280	402	-502	453	-936	82	-4006	0	66	-577	146	-4087	0	4162	407	532	0	274
275	-779	280	402	-502	453	-936	82	-4006	0	392	-779	550	-3442	0	3748	366	479	0	275
276	-593	305	367	-525	425	-836	77	-3281	0	188	-817	367	-5550	0	3747	366	479	0	276
277	-534	214	305	-542	361	-668	74	-2504	0	295	-839	527	-2737	0	3035	296	388	0	277
278	-261	101	125	-227	156	-292	74	-1116	0	-430	-967	-55	-2935	0	2908	284	371	0	278
279	-184	101	47	-235	96	-233	67	-895	0	-166	-363	-16	-1045	0	1037	101	131	0	279
280	-86	29	47	-143	78	-117	66	-364	0	68	-229	167	-464	0	566	55	68	0	280
281	-922	329	480	-137	483	-926	87	-3890	0	471	-212	481	-3900	0	4162	407	531	0	281
282	-879	318	450	-123	453	-882	87	-3720	0	407	-192	416	-3729	0	3954	386	505	0	282
283	-879	321	446	-306	463	-896	83	-3731	0	383	-476	438	-3785	0	4022	393	514	0	283
284	-767	271	402	-374	431	-797	81	-3225	0	414	-579	504	-3315	0	3594	351	459	0	284
285	-767	297	367	-529	426	-826	77	-3313	0	215	-818	395	-3493	0	3707	362	474	0	285
286	-568	208	287	-409	334	-614	77	-2411	0	250	-639	395	-2556	0	2776	271	354	0	286
287	-568	219	273	-251	291	-586	81	-2446	0	170	-393	228	-2504	0	2626	256	335	0	287
288	-364	177	125	-307	169	-408	73	-1684	0	-167	-474	-30	-1820	0	1805	176	231	0	288
289	-837	298	435	-83	436	-838	88	-3529	0	421	-129	425	-3533	0	3764	368	481	0	289
290	-826	279	450	-109	452	-829	87	-3436	0	534	-168	541	-3443	0	3743	366	478	0	290
291	-826	282	446	-291	462	-843	83	-3447	0	510	-352	561	-3498	0	3810	372	486	0	291
292	-734	265	377	-268	393	-750	83	-3107	0	347	-419	397	-3157	0	3373	330	431	0	292
293	-734	282	354	-306	375	-756	82	-3163	0	219	-476	285	-3229	0	3381	330	432	0	293
294	-613	287	360	-360	322	-648	79	-2656	0	141	-559	248	-2764	0	2897	285	370	0	294
295	-613	252	273	-203	284	-625	83	-2691	0	61	-313	96	-2727	0	2776	271	355	0	295
296	-551	218	258	-156	265	-559	84	-2391	0	128	-243	151	-2415	0	2494	244	318	0	296
297	-789	263	435	-83	436	-790	88	-3269	0	537	-129	541	-3274	0	3575	349	456	0	297
298	-766	262	413	-82	415	-768	87	-3195	0	468	-124	473	-3199	0	3460	338	442	0	298
299	-766	275	396	-164	401	-772	85	-3237	0	373	-255	391	-3255	0	3467	339	443	0	299
300	-724	257	377	-188	385	-732	85	-3049	0	373	-291	397	-3073	0	3290	322	420	0	300
301	-724	274	354	-225	365	-735	84	-3105	0	245	-349	281	-3141	0	3291	322	420	0	301
302	-666	251	328	-193	337	-675	84	-2848	0	240	-300	269	-2877	0	3021	295	386	0	302
303	-666	271	301	-115	304	-669	86	-2912	0	95	-179	106	-2923	0	2977	291	380	0	303
304	-624	274	258	-109	261	-631	86	-2805	0	-55	-170	-45	-2816	0	2794	273	357	0	304
305	-767	233	452	-56	453	-767	89	-3108	0	680	-55	681	-3109	0	3499	342	447	0	305
306	-742	244	413	-21	413	-743	89	-3068	0	525	-33	525	-3068	0	3362	329	429	0	306
307	-742	257	396	-103	396	-745	87	-3110	0	430	-160	437	-3117	0	3557	328	428	0	307
308	-724	241	398	-82	400	-725	87	-2998	0	487	-127	491	-3003	0	3277	320	419	0	308
309	-724	277	350	-87	351	-725	87	-3114	0	223	-135	229	-3120	0	3240	317	413	0	309
310	-688	267	328	-100	330	-691	87	-2970	0	186	-156	194	-2977	0	3079	301	394	0	310
311	-688	287	301	-22	301	-688	89	-3033	0	41	-34	41	-3034	0	3055	298	390	0	311
312	-684	287	298	-21	298	-684	89	-3019	0	33	-33	33	-3020	0	3037	297	386	0	312

[illegible]

63	-1866	707	453	150	455	-1888	-88	-7518	0	748	268	757	-7526	0	7942	776	1130	0	63
64	-1879	625	1055	827	1113	-1937	-81	-7251	0	1271	1240	1408	-7428	0	8248	807	1176	0	64
65	-1874	603	951	756	1003	-1798	-81	-6789	0	1016	1136	1179	-6951	0	7609	744	1084	0	65
66	-1518	469	899	1033	1004	-1624	-78	-5751	0	1266	1523	1583	-6068	0	6995	684	997	0	66
67	-1366	469	748	856	831	-1499	-78	-5306	0	823	1263	1073	-5556	0	6163	603	880	0	67
68	-1182	400	655	1311	865	-1392	-72	-4571	0	746	1915	1364	-5190	0	5990	584	856	0	68
69	-993	363	448	854	602	-1107	-74	-3975	0	307	1252	646	-4315	0	4672	457	669	0	69
70	-843	308	437	859	568	-974	-72	-3323	0	394	463	174	-3106	0	4153	406	593	0	70
71	-744	307	339	317	562	-767	-81	-5039	0	111	513	-18	-2860	0	3199	313	458	0	71
72	-657	301	259	351	242	-689	-79	-2764	0	-114	513	-18	-2860	0	2851	278	410	0	72
73	-1662	868	509	-113	511	-1663	-88	-7407	0	-1126	-191	-1120	-7413	0	6921	677	982	0	73
74	-1596	832	492	-85	493	-1596	-88	-7102	0	-1035	-142	-1032	-7106	0	6650	650	942	0	74
75	-1630	830	529	-288	534	-1640	-85	-7207	0	-420	-452	-487	-7240	0	6650	669	965	0	75
76	-1735	833	633	-188	637	-1739	-87	-7533	0	-570	-293	-557	-7545	0	7282	712	1021	0	76
77	-1805	829	707	-368	721	-1818	-85	-7717	0	-367	-506	-507	-7757	0	7608	744	1070	0	77
78	-1751	749	761	-181	764	-1754	-86	-7302	0	82	-257	91	-7311	0	7357	719	1035	0	78
79	-1891	708	804	-227	809	-1805	-87	-7448	0	179	315	192	-7461	0	7360	739	1069	0	79
80	-1888	707	955	150	957	-1893	-88	-7575	0	759	253	766	-7583	0	7994	782	1129	0	80
81	-1725	593	942	436	960	-1743	-85	-6571	0	735	256	773	-7552	0	7950	777	1131	0	81
82	-1661	604	863	426	881	-1678	-85	-6571	0	1049	683	1105	-6670	0	7005	724	1051	0	82
83	-1592	546	871	941	957	-1679	-79	-6199	0	769	645	825	-6627	0	7076	692	1008	0	83
84	-1448	546	727	774	794	-1515	-80	-5777	0	947	1392	1209	-6461	0	7143	698	1018	0	84
85	-1258	449	665	845	754	-1347	-78	-4944	0	522	1145	724	-5979	0	6372	623	910	0	85
86	-1146	457	542	580	591	-1194	-80	-4684	0	644	1243	909	-5208	0	5717	559	815	0	86
87	-1005	435	430	791	532	-1107	-75	-4170	0	259	854	403	-4788	0	5003	489	714	0	87
88	-91	434	337	276	352	-926	-83	-3900	0	-17	1160	285	-4472	0	4622	452	661	0	88
89	-897	394	376	220	386	-906	-85	-3738	0	-39	323	-11	-3766	0	3830	374	549	0	89
90	-1554	783	516	-101	517	-1555	-88	-6830	0	-823	-157	-819	-6835	0	3761	368	538	0	90
91	-1595	786	553	-77	554	-1596	-88	-6959	0	-711	-123	-708	-6961	0	6484	632	918	0	91
92	-1629	785	588	-269	596	-1637	-86	-7063	0	-603	-419	-576	-7090	0	6645	649	941	0	92
93	-1619	753	623	-208	628	-1624	-87	-6933	0	-603	-419	-576	-7090	0	6645	649	941	0	93
94	-1619	753	623	-208	628	-1624	-87	-6933	0	-603	-419	-576	-7090	0	6645	649	941	0	94
95	-1674	758	671	-319	682	-1685	-85	-7115	0	-251	-483	-217	-7148	0	6776	663	957	0	95
96	-1739	728	776	-148	778	-1741	-88	-7211	0	172	-213	178	-7218	0	7042	689	993	0	96
97	-1783	730	818	-194	822	-1787	-87	-7338	0	273	-272	283	-7348	0	7308	715	1029	0	97
98	-1737	663	862	11	862	-1737	-89	-6993	0	616	31	616	-6993	0	7493	733	1054	0	98
99	-1745	677	850	32	850	-1745	-89	-7035	0	524	63	525	-7035	0	7321	716	1035	0	99
100	-1729	625	903	393	918	-1744	-85	-6849	0	524	63	525	-7035	0	7321	716	1035	0	100
101	-1665	631	831	377	845	-1679	-85	-6672	0	827	598	813	-6896	0	7351	721	1046	0	101
102	-1531	550	805	558	838	-1564	-85	-6039	0	585	571	630	-6717	0	7053	690	1005	0	102
103	-1458	567	709	486	736	-1485	-83	-5879	0	762	823	502	-5961	0	6612	647	941	0	103
104	-1334	525	640	756	710	-1404	-79	-5392	0	420	723	502	-5961	0	6227	609	887	0	104
105	-1226	529	527	502	562	-1261	-81	-5092	0	336	1116	546	-5602	0	5494	576	841	0	105
106	-1195	479	512	488	548	-1180	-81	-4710	0	-8	741	97	-5198	0	5247	513	750	0	106
107	-1092	486	450	198	457	-1094	-86	-4579	0	106	719	211	-4815	0	4925	481	703	0	107
108	-1019	486	376	204	384	-1027	-85	-4370	0	-97	292	-78	-4598	0	4559	446	651	0	108
109	-1554	742	571	-96	572	-1555	-88	-6701	0	-325	308	-302	-4593	0	4250	415	608	0	109
110	-1543	733	573	-85	574	-1544	-88	-6645	0	-325	308	-302	-4593	0	4250	415	608	0	110
111	-1507	732	597	-220	603	-1572	-86	-6715	0	-325	308	-302	-4593	0	4250	415	608	0	111
112	-1612	723	654	-171	658	-1615	-87	-6821	0	-325	308	-302	-4593	0	4250	415	608	0	112
113	-1662	726	700	-274	709	-1670	-86	-6980	0	-73	-421	-48	-7006	0	6982	683	986	0	113
114	-1632	678	736	-174	739	-1635	-87	-6737	0	144	-260	204	-6747	0	6851	670	969	0	114
115	-1684	707	748	-166	751	-1686	-88	-6981	0	127	-242	135	-6989	0	7058	690	998	0	115
116	-1716	667	835	22	835	-1716	-89	-6950	0	512	45	513	-6950	0	7221	706	1021	0	116
117	-1719	675	827	34	827	-1719	-89	-6976	0	453	64	453	-6977	0	7215	705	1024	0	117
118	-1641	614	829	194	833	-1645	-87	-6563	0	651	296	663	-6575	0	6931	678	983	0	118
119	-1596	637	754	204	758	-1601	-87	-6499	0	345	309	345	-6513	0	6700	655	953	0	119
120	-1542	590	762	489	788	-1567	-84	-6193	0	509	731	588	-6272	0	6586	644	937	0	120
121	-1470	599	677	413	697	-1489	-84	-6011	0	225	616	286	-6272	0	6220	608	887	0	121
122	-1365	541	650	455	676	-1390	-83	-5531	0	350	676	407	-5608	0	5823	569	829	0	122
123	-1306	562	564	326	578	-1320	-84	-5427	0	8	483	51	-5469	0	5495	537	783	0	123
124	-1220	543	503	432	530	-1247	-82	-5121	0	-120	639	-40	-5201	0	5181	507	739	0	124
125	-1170	547	447	155	451	-1174	-87	-4988	0	-297	229	-286	-4999	0	4863	473	694	0	125
126	-1163	523	472	118	474	-1165	-87	-4988	0	-142	174	-136	-4999	0	4838	473	694	0	126
127	-1541	696	620	-51	620	-1541	-89	-6522	0	-228	-79	-227	-6523	0	6412	627	910	0	127
128	-1506	695	586	-59	586	-1506	-89	-6420	0	-332	-89	-330	-6421	0	6262	612	890	0	128

195	-1411	639	566	95	567	-1412	-88	-5967	0	-220	149	-216	-5971	*	0	5466	574	835	0	0	195
196	-1413	615	602	112	604	-1414	-88	-5890	0	-26	169	-22	-5895	*	0	5484	575	838	0	0	196
197	-1461	685	554	-34	554	-1461	89	-6256	0	-392	-47	-392	-6256	*	0	6169	593	663	0	0	197
198	-1491	641	644	644	-1492	-89	-6206	*	0	11	99	11	-6208	*	0	6214	604	844	0	0	198
199	-1514	667	631	-29	631	-1514	89	-6354	0	-103	-40	-103	-6354	*	0	6503	616	844	0	0	199
200	-1541	661	667	30	667	-1542	-89	-6417	0	2	49	20	-6417	*	0	6455	628	913	0	0	200
201	-1543	664	665	15	665	-1543	-89	-6453	0	-80	-20	-79	-6453	*	0	6495	629	914	0	0	201
202	-1554	682	656	-14	656	-1554	89	-6534	0	-483	4	-483	-6534	*	0	5431	615	922	0	0	202
203	-1309	635	470	2	470	-1309	-89	-5657	0	-483	4	-483	-5657	*	0	5431	531	774	0	0	203
204	-1317	671	429	-34	429	-1317	89	-5747	0	-691	-110	-689	-5747	*	0	5470	535	776	0	0	204
205	-1317	668	433	-76	433	-1317	88	-5740	0	-637	-22	-637	-5740	*	0	5746	562	814	0	0	205
206	-1384	659	512	-17	512	-1384	89	-5952	0	-204	-40	-204	-5952	*	0	5751	562	814	0	0	206
207	-1384	624	554	-29	554	-1384	89	-5853	0	-619	-21	-611	-6259	*	0	5977	584	850	0	0	207
208	-1437	708	499	-147	502	-1437	87	-6251	0	-391	-242	-376	-6166	*	0	5987	585	852	0	0	208
209	-1437	676	542	-200	547	-1442	87	-6151	0	-166	-127	-164	-6496	*	0	6416	627	912	0	0	209
210	-1541	666	631	-89	632	-1542	88	-6494	0	-34	-79	-33	-6437	*	0	6420	628	913	0	0	210
211	-1541	669	656	-55	657	-1541	88	-6436	0	-90	-203	96	-6701	*	0	6749	660	954	0	0	211
212	-1614	683	711	-138	713	-1616	88	-6694	0	-607	-12	-607	-5564	*	0	5286	517	752	0	0	212
213	-1273	638	429	-8	429	-1273	89	-5564	0	-846	-77	-845	-5709	*	0	5337	527	759	0	0	213
214	-1283	677	387	-54	388	-1283	89	-5708	0	-597	-135	-594	-5577	*	0	5305	519	755	0	0	214
215	-1277	638	433	-93	434	-1278	88	-5573	0	-597	-135	-594	-5577	*	0	5305	519	755	0	0	215
216	-1310	693	393	-172	398	-1314	87	-5834	0	-876	-247	-864	-5846	*	0	5465	534	777	0	0	216
217	-1337	634	499	-146	502	-1340	87	-5731	0	-382	-209	-374	-5739	*	0	5561	544	792	0	0	217
218	-1402	698	480	-317	493	-1416	85	-6116	0	-635	-457	-597	-6154	*	0	5878	575	836	0	0	218
219	-1468	700	542	-244	550	-1476	86	-6512	0	-463	-356	-442	-6334	*	0	6124	599	872	0	0	219
220	-1519	742	537	-496	567	-1548	86	-6574	0	-601	-724	-515	-6670	*	0	6428	629	914	0	0	220
221	-1785	812	711	-301	720	-1794	86	-7574	0	-307	-443	-443	-7601	*	0	7465	730	1060	0	0	221
222	-1818	651	557	-52	558	-1818	89	-5442	0	-853	-76	-852	-5443	*	0	5071	496	721	0	0	222
223	-1250	652	387	-50	388	-1250	89	-5539	0	-770	-197	-769	-5540	*	0	5199	508	739	0	0	223
224	-1250	648	393	-136	396	-1253	87	-5525	0	-737	-197	-729	-5533	*	0	5207	509	740	0	0	224
225	-1242	671	354	-167	359	-1246	87	-5570	0	-923	-240	-911	-5582	*	0	5187	507	738	0	0	225
226	-1242	677	347	-449	378	-1273	82	-5565	0	-957	-581	-867	-5675	*	0	5295	518	754	0	0	226
227	-1221	712	480	-403	501	-1442	84	-6209	0	-677	-586	-615	-5986	*	0	5986	585	852	0	0	227
228	-1421	669	537	-543	574	-1458	82	-6073	0	-170	-800	-260	-6183	*	0	6037	592	862	0	0	228
229	-1816	953	554	-921	641	-1903	79	-8084	0	-1199	-1337	-948	-8334	*	0	7902	773	1123	0	0	229
230	-1188	628	357	-52	358	-1188	89	-5288	0	-784	-76	-782	-5290	*	0	4905	483	703	0	0	230
231	-1196	651	335	-83	336	-1196	88	-5383	0	-925	-121	-922	-5386	*	0	4984	484	709	0	0	231
232	-1196	653	333	-86	334	-1198	88	-5387	0	-937	-126	-933	-5391	*	0	4990	484	709	0	0	232
233	-1162	611	554	-142	358	-1165	87	-5159	0	-737	-207	-728	-5169	*	0	4846	474	649	0	0	233
234	-1162	616	347	-424	376	-1191	82	-5175	0	-771	-617	-686	-5260	*	0	4952	484	704	0	0	234
235	-1309	717	360	-558	405	-1354	80	-5909	0	-1051	-809	-920	-6040	*	0	5637	551	800	0	0	235
236	-1309	572	554	-767	630	-1485	78	-5449	0	-7	-1121	-214	-5672	*	0	5782	565	823	0	0	236
237	-1616	932	581	-1237	557	-1792	74	-7437	0	-1649	-1794	-1138	-7948	*	0	7444	728	1059	0	0	237
238	-1121	607	319	-154	323	-1125	86	-5030	0	-844	-221	-832	-5042	*	0	4682	458	666	0	0	238
239	-1196	650	335	-74	336	-1196	88	-5377	0	-923	-109	-921	-5380	*	0	4984	487	709	0	0	239
240	-1196	652	333	-77	334	-1197	88	-5382	0	-934	-113	-931	-5385	*	0	4985	487	709	0	0	240
241	-1037	549	310	-103	312	-1039	88	-4624	0	-699	-133	-694	-4629	*	0	4323	423	614	0	0	241
242	-1037	440	456	-739	543	-1153	76	-4285	0	-73	-1070	-322	-4534	*	0	4703	460	670	0	0	242
243	-1191	622	360	-481	396	-1218	81	-5248	0	-753	-706	-645	-5356	*	0	5085	495	714	0	0	243
244	-1181	608	377	-827	480	-1284	76	-5217	0	-681	-1199	-384	-5515	*	0	5333	521	754	0	0	244
245	-1088	520	381	-973	530	-1216	73	-4598	0	-365	-1420	-66	-5030	*	0	5064	495	721	0	0	245
246	-1269	808	157	-1531	497	-1568	66	-5966	0	-1965	-2218	-941	-6949	*	0	6521	638	926	0	0	246
247	-1012	524	319	-154	323	-1016	86	-4477	0	-594	-221	-591	-4489	*	0	4228	413	600	0	0	247
248	-927	367	443	-50	443	-928	-89	-3757	0	238	67	239	-3758	*	0	3845	379	553	0	0	248
249	-927	400	398	-419	430	-940	81	-3862	0	1	-607	95	-5955	*	0	4003	391	570	0	0	249
250	-927	400	398	-419	430	-940	81	-3862	0	1	-607	95	-5955	*	0	4003	391	570	0	0	250
251	-1450	750	456	-538	994	-1487	82	-6492	0	-897	-780	-789	-6537	*	0	6180	604	874	0	0	251
252	-1146	545	424	-184	429	-1151	86	-4925	0	-360	-276	-364	-4941	*	0	4779	467	680	0	0	252
253	-1146	581	377	-729	460	-1229	77	-5032	0	-598	-1058	-359	-5272	*	0	5102	499	726	0	0	253
254	-936	452	398	-526	446	-1044	79	-4212	0	-152	-722	-110	-4334	*	0	4349	425	619	0	0	254
255	-996	489	348	-837	468	-1116	75	-4331	0	-422	-1221	-71	-4681	*	0	4646	454	660	0	0	255
256	-996	483	333	-837	468	-1116	75	-4331	0	-422	-1221	-71	-4681	*	0	4646	454	660	0	0	256
257	-534	551	73	-834	284	-749	65	-2595	0	-818	-1216	-200	-3213	*	0	5118	505	442	0	0	257
258	-1066	470	443	-48	443	-1066	89	-4472	0	-86	-71	-84	-4473	*	0	4431	433	631	0	0	258
259	-1134	460	525	-68	525	-1134	88	-4639	0	184	-99	186	-4641	*	0	4737	463	675	0	0	259
260	-1057	497	398	-428	429	-1067	81	-4534	0	-302	-613	-215	-4621	*	0	4518	442	643	0	0	260

261	-960	346	450	-236	460	-470	85	-3915	0	192	-342	220	-3944	*	0	4054	397	574	0	261
262	-978	419	424	-189	430	-485	86	-4064	0	26	-276	44	-4066	*	0	4109	402	584	0	262
263	-1050	492	434	-544	444	-1101	79	-4506	0	-284	-799	138	-4052	*	0	4585	448	651	0	263
264	-917	367	431	-387	454	-944	81	-3737	0	0	-365	270	-3816	*	0	3459	367	563	0	264
265	-917	429	448	-832	473	-1042	75	-3430	0	-239	-1206	119	-4289	*	0	4350	425	614	0	265
266	-680	267	528	-553	398	-751	75	-2746	0	187	-810	396	-2455	*	0	3172	310	451	0	266
267	-504	328	73	-842	310	-745	61	-2448	0	-750	-1279	64	-3134	*	0	3105	303	441	0	267
268	-217	42	162	-512	241	-446	63	-735	0	345	-72	763	-1114	*	0	1635	140	224	0	268
269	-217	124	51	-233	95	-260	69	-1004	0	-218	-345	-87	-1134	*	0	1093	107	153	0	269
270	-1050	397	525	-133	528	-1053	87	-4211	0	376	-194	345	-4220	*	0	4425	107	153	0	270
271	-1063	414	515	-156	518	-1066	87	-4304	0	245	-229	247	-4315	*	0	4471	437	636	0	271
272	-936	367	405	-329	469	-955	83	-3784	0	249	-480	305	-3445	*	0	4007	392	570	0	272
273	-969	405	432	-396	459	-996	82	-4008	0	62	-577	142	-4088	*	0	4162	407	592	0	273
274	-829	501	431	-536	486	-883	74	-5240	0	396	-774	555	-3439	*	0	3747	366	533	0	274
275	-829	328	394	-561	455	-890	77	-3372	0	147	-817	366	-3551	*	0	3034	296	431	0	275
276	-631	230	328	-578	408	-711	74	-2504	0	297	-837	529	-2735	*	0	2408	284	413	0	276
277	-568	306	162	-668	292	-698	66	-2565	0	-436	-967	-62	-2939	*	0	1315	128	167	0	277
278	-277	108	134	-243	168	-310	74	-1112	0	88	-359	187	-1211	*	0	1034	101	147	0	278
279	-196	109	51	-251	104	-246	67	-897	0	-166	-362	-17	-1046	*	0	570	55	77	0	279
280	-92	31	51	-154	85	-126	66	-366	0	70	-231	170	-466	*	0	4163	407	591	0	280
281	-982	353	515	-146	518	-986	87	-3890	0	472	-212	482	-3900	*	0	3954	386	562	0	281
282	-935	342	483	-131	486	-938	87	-3721	0	406	-192	415	-3730	*	0	4022	393	572	0	282
283	-435	345	478	-327	497	-954	83	-3731	0	382	-477	456	-3786	*	0	3594	351	511	0	283
284	-817	291	432	-399	463	-848	81	-3224	0	416	-579	506	-3314	*	0	3707	362	527	0	284
285	-817	319	394	-564	457	-879	77	-3314	0	214	-816	397	-2556	*	0	2776	271	394	0	285
286	-604	224	308	-437	358	-654	77	-2410	0	251	-639	228	-2504	*	0	2626	256	373	0	286
287	-604	235	293	-269	313	-624	81	-2446	0	170	-394	-32	-1820	*	0	1804	176	257	0	287
288	-387	191	466	-116	485	-892	88	-3529	0	-168	-474	425	-3533	*	0	3744	366	532	0	288
289	-891	321	486	-311	496	-897	83	-3447	0	534	-168	542	-3443	*	0	3810	372	541	0	289
290	-880	303	478	-404	422	-799	83	-3106	0	510	-432	397	-3157	*	0	3373	330	480	0	290
291	-782	285	404	-287	422	-799	83	-3106	0	547	-419	284	-3229	*	0	2896	283	412	0	291
292	-782	304	380	-327	402	-804	82	-3163	0	218	-477	249	-3229	*	0	2896	283	412	0	292
293	-652	250	308	-385	345	-689	79	-2856	0	141	-558	249	-3229	*	0	2896	283	412	0	293
294	-652	271	293	-216	305	-665	83	-2692	0	60	-312	95	-2727	*	0	2776	271	395	0	294
295	-587	234	277	-167	285	-595	84	-2391	0	129	-245	152	-2415	*	0	2495	244	354	0	295
296	-840	282	466	-88	468	-892	88	-3269	0	537	-129	541	-3274	*	0	3576	349	508	0	296
297	-840	281	443	-87	444	-817	87	-3195	0	468	-128	473	-3199	*	0	3460	338	492	0	297
298	-815	281	423	-175	430	-822	85	-3237	0	573	-255	391	-3255	*	0	3467	339	493	0	298
299	-770	276	404	-200	413	-779	85	-3049	0	573	-291	398	-3073	*	0	3290	321	468	0	299
300	-770	295	380	-240	362	-783	84	-3105	0	245	-348	281	-3141	*	0	3021	295	429	0	300
301	-770	270	352	-123	327	-712	86	-2912	0	96	-179	106	-2922	*	0	2977	291	423	0	301
302	-708	291	323	-117	281	-712	86	-2912	0	-57	-170	-46	-2816	*	0	2793	273	597	0	302
303	-668	295	277	-117	485	-671	86	-2805	0	680	-55	681	-3108	*	0	3499	342	494	0	303
304	-816	251	485	-38	485	-817	89	-3108	0	525	-33	525	-3068	*	0	3362	329	478	0	304
305	-791	263	443	-22	443	-791	89	-3068	0	430	-160	437	-3117	*	0	3354	328	477	0	305
306	-741	277	424	-110	427	-793	87	-3110	0	487	-128	491	-3003	*	0	3276	320	466	0	306
307	-770	259	427	-87	428	-772	87	-2994	0	223	-135	229	-3120	*	0	3079	301	434	0	307
308	-770	298	375	-92	377	-772	87	-2969	0	186	-156	193	-2977	*	0	3055	298	434	0	308
309	-732	287	352	-107	354	-735	87	-2969	0	41	-34	41	-3034	*	0	3037	297	432	0	309
310	-732	309	323	-23	320	-728	89	-3019	0	53	-33	53	-3020	*	0	3037	297	432	0	310
311	-728	308	320	-23	320	-728	89	-3019	0	53	-33	53	-3020	*	0	3037	297	432	0	311
312	-728	308	320	-23	320	-728	89	-3019	0	53	-33	53	-3020	*	0	3037	297	432	0	312

TIME 49 = 7000.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE= 1.0000

NUDAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	.2954E-03	.2905E-03	5	-.2242E-03	.2574E-03	4	-.3632E-03	.2477E-03
5	-.5085E-03	.2112E-03	.1812E-03	7	-.7145E-03	.1342E-03	8	-.7881E-03	.9599E-04
9	-.8226E-03	.4832E-04	0.	11	0.	.5228E-03	12	-.5156E-04	.3154E-03
15	-.1493E-03	.2977E-03	.2487E-03	15	-.4483E-03	.1905E-03	16	-.5783E-03	.1451E-03
17	-.6849E-03	.9353E-04	.5652E-04	19	-.8378E-03	.2433E-04	20	-.8524E-03	0.
21	0.	.3480E-03	.3460E-03	23	-.2022E-03	.5116E-03	24	.3092E-03	.2651E-03
25	-.4590E-03	.1966E-03	.1305E-03	27	-.6838E-03	.7973E-04	28	-.7794E-03	.3419E-04
29	-.6445E-03	.1669E-04	0.	31	0.	.3859E-03	32	-.1040E-03	.5717E-03
33	-.2099E-03	.3369E-03	.2800E-03	35	-.4494E-03	.2092E-03	36	-.5844E-03	.1424E-03
37	-.7018E-03	.8093E-04	.4353E-04	39	-.8715E-03	.1524E-04	40	-.8955E-03	0.
41	0.	.4156E-03	.4026E-03	43	-.2342E-03	.3632E-03	44	-.3554E-03	.3051E-03
45	-.4916E-03	.2331E-03	.1587E-03	47	-.7473E-03	.1011E-03	48	-.18455E-03	.5192E-04
49	-.9151E-03	.2350E-04	0.	51	0.	.4568E-03	52	-.1326E-03	.4418E-03
53	-.2663E-03	.4019E-03	.3403E-03	55	-.5482E-03	.2651E-03	56	-.6925E-03	.1932E-03
57	-.8155E-03	.1240E-03	.7437E-04	59	-.9870E-03	.3184E-04	60	-.1012E-02	0.
61	0.	.5005E-03	.4861E-03	63	-.1514E-03	.4436E-03	64	-.4615E-03	.3788E-03
65	-.6209E-03	.3040E-03	.2230E-03	67	-.9017E-03	.5610E-03	68	-.1003E-02	.9193E-04
69	-.1075E-02	.4412E-04	0.	71	0.	.1552E-03	72	-.1785E-03	.5442E-03
73	-.5563E-03	.4992E-03	.4505E-03	75	.7080E-03	.3491E-03	76	-.8740E-03	.2660E-03
77	-.1011E-02	.1863E-03	.1181E-03	79	-.1144E-02	.5557E-04	80	-.1220E-02	0.
81	0.	.6231E-03	.6162E-03	83	-.5487E-03	.5942E-03	84	-.5129E-03	.5704E-03
85	-.6883E-03	.4255E-03	.3166E-03	87	-.1224E-02	.2138E-03	88	-.1258E-02	.1301E-03
89	-.1284E-02	.6092E-04	0.	91	0.	.7086E-03	92	-.1706E-03	.7003E-03
93	-.3387E-03	.6846E-03	.6605E-03	95	-.6465E-03	.6382E-03	96	-.6677E-03	.5287E-03
97	-.9051E-03	.4939E-03	.3668E-03	99	-.1192E-02	.5004E-03	100	-.1467E-02	.2070E-03
101	-.1494E-02	.1078E-03	0.	103	0.	.7904E-03	104	-.1621E-03	.7874E-03
105	-.3242E-03	.7698E-03	.7509E-03	107	-.6244E-03	.7291E-03	108	-.8559E-03	.6969E-03
109	-.8801E-03	.6039E-03	.5740E-03	111	-.1144E-02	.4663E-03	112	-.1168E-02	.3795E-03
113	-.1438E-02	.5054E-03	0.	115	-.1947E-02	.9463E-04	116	-.1935E-02	.2081E-03
117	-.1925E-02	.3256E-03	.5274E-03	119	-.1866E-02	.5982E-03	120	-.1097E-02	.6674E-03
121	-.1363E-02	.6400E-03	.5274E-03	123	-.1410E-02	.4144E-03	124	-.2587E-02	0.
125	-.2389E-02	.9112E-04	.1629E-03	127	-.2408E-02	.2888E-03	128	-.2427E-02	.4038E-03
129	-.2429E-02	.5544E-03	0.	131	-.2727E-02	.1030E-03	132	-.2755E-02	.2075E-03
133	-.2808E-02	.3308E-03	.4771E-03	135	-.3041E-02	0.	136	-.3055E-02	.9505E-04
137	-.5081E-02	.1893E-03	.2817E-03	139	-.3594E-02	.4435E-03	140	-.3353E-02	0.
141	-.3369E-02	.8914E-04	.1777E-03	143	-.3524E-02	.2734E-03	144	-.3902E-02	.2881E-03
145	-.3720E-02	0.	.3349E-03	147	-.3726E-02	.1673E-03	148	-.3911E-02	.1172E-03
149	-.4141E-02	.3882E-03	.6248E-03	151	-.4052E-02	0.	152	-.4065E-02	.5281E-03
153	-.4201E-02	.2226E-03	.7800E-03	155	-.4468E-02	.4405E-03	156	-.4730E-02	.3520E-03
157	-.5274E-02	.5686E-03	.6708E-03	159	-.4466E-02	.1734E-03	160	-.4567E-02	.5102E-03
161	-.4769E-02	.4947E-03	.6248E-03	163	-.4466E-02	.6814E-03	164	-.4560E-02	.5002E-03
165	-.5499E-02	.6981E-03	0.	167	-.4402E-02	.2720E-03	168	-.5041E-02	0.
169	-.5345E-02	.7087E-03	.7800E-03	171	-.4823E-02	0.	172	-.5315E-02	.2550E-03
173	-.5470E-02	.5077E-03	.6708E-03	175	-.5262E-02	.8260E-03	176	-.5730E-02	.8077E-03
177	-.5777E-02	.2464E-03	.6708E-03	179	-.5766E-02	.6610E-03	180	-.6075E-02	.6443E-03
181	-.6172E-02	0.	.2340E-03	183	-.6005E-02	.4532E-03	184	-.6377E-02	.4813E-03
185	-.6425E-02	.8155E-03	0.	187	-.6205E-02	.2558E-03	188	-.6690E-02	0.
189	-.6762E-02	.6798E-03	.8492E-03	190	-.6808E-02	0.	191	-.6690E-02	0.

Data Dynamics Inc.

63	-1974	747	1007	161	1009	-1981	-88	-7513	0	752	272	761	-7522	0	7930	776	1224	0	63
64	-1973	660	1114	872	1174	-2033	-81	-7246	0	1272	1242	1450	-7424	0	8245	806	1274	0	64
65	-1832	636	1003	797	1058	-1847	-81	-6786	0	1017	1139	1180	-6949	0	7608	744	1179	0	65
66	-1594	496	948	1087	1059	-1705	-78	-5750	0	1268	1263	1585	-6066	0	6165	684	1080	0	66
67	-1433	495	789	901	877	-1521	-78	-5506	0	824	1263	1075	-5556	0	6165	603	953	0	67
68	-1240	422	690	1379	911	-1461	-72	-4571	0	745	1916	1364	-5190	0	5990	586	927	0	68
69	-1041	404	514	899	635	-1162	-74	-3976	0	307	1254	647	-4316	0	4673	457	724	0	69
70	-885	325	461	904	549	-1022	-72	-3322	0	596	1257	782	-3707	0	4154	406	642	0	70
71	-781	324	359	333	363	-805	-81	-3039	0	114	464	141	-3106	0	3200	313	495	0	71
72	-684	318	274	369	308	-722	-79	-2763	0	115	514	114	-2860	0	2850	278	443	0	72
73	-1744	920	539	-121	541	-1746	-88	-7411	0	1137	-195	-1131	-7417	0	6921	677	1065	0	73
74	-1675	841	522	-91	523	-1676	-88	-7105	0	1041	-145	-1037	-7109	0	6651	650	1022	0	74
75	-1712	880	561	-306	571	-1722	-85	-7212	0	927	-145	-893	-7246	0	6651	664	1048	0	75
76	-1825	882	672	-199	676	-1829	-87	-7537	0	568	-295	-555	-7550	0	7288	713	1111	0	76
77	-1897	878	750	-388	764	-1911	-85	-7720	0	346	-546	-305	-7760	0	7288	744	1163	0	77
78	-1840	793	807	-190	811	-1844	-88	-7503	0	90	-255	98	-7512	0	7362	720	1125	0	78
79	-1891	797	852	-238	857	-1896	-87	-7447	0	184	-312	197	-7460	0	7560	739	1160	0	79
80	-1487	749	1011	161	1013	-1989	-88	-7572	0	763	257	771	-7580	0	7993	782	1226	0	80
81	-1982	747	1009	160	1011	-1985	-88	-7540	0	737	260	745	-7548	0	7947	777	1226	0	81
82	-1812	627	996	461	1014	-1831	-85	-6731	0	1052	766	1109	-6787	0	7404	724	1140	0	82
83	-1743	638	911	409	930	-1762	-85	-6569	0	771	646	827	-6625	0	7075	692	1092	0	83
84	-1671	577	918	490	1010	-1763	-79	-6194	0	946	1395	1209	-6460	0	7142	698	1103	0	84
85	-1519	577	767	814	837	-1589	-80	-5777	0	522	1146	724	-5974	0	6372	623	986	0	85
86	-1320	483	573	610	624	-1253	-80	-4644	0	260	854	901	-5207	0	5718	559	883	0	86
87	-1202	483	573	610	624	-1253	-80	-4644	0	260	854	901	-5207	0	5718	559	883	0	87
88	-1054	460	454	832	562	-1161	-75	-4170	0	18	1162	284	-4473	0	4622	452	715	0	88
89	-955	459	556	291	312	-971	-83	-3902	0	289	406	244	-3947	0	3830	374	594	0	89
90	-940	416	598	231	408	-950	-85	-3738	0	37	324	9	-3766	0	3762	368	582	0	90
91	-1631	829	546	-107	548	-1632	-88	-6833	0	828	-158	-824	-6837	0	6464	632	995	0	91
92	-1675	833	586	-81	587	-1675	-88	-6961	0	715	-124	-712	-6963	0	6636	649	1021	0	92
93	-1711	832	623	-285	632	-1720	-86	-7067	0	608	-423	-580	-7095	0	6823	667	1047	0	93
94	-1701	797	661	-220	666	-1706	-87	-6935	0	373	-321	-357	-6951	0	6779	663	1039	0	94
95	-1759	802	711	-338	723	-1771	-85	-7118	0	251	-485	-217	-7152	0	7046	689	1079	0	95
96	-1828	770	823	-155	825	-1830	-88	-7213	0	177	-212	183	-7219	0	7312	715	1118	0	96
97	-1874	772	866	-204	870	-1878	-87	-7337	0	276	-270	285	-7347	0	7494	733	1150	0	97
98	-1825	701	912	13	912	-1825	-89	-6992	0	622	33	622	-6992	0	7323	716	1123	0	98
99	-1833	716	899	35	899	-1833	-89	-7052	0	527	66	527	-7053	0	7331	717	1128	0	99
100	-1816	661	954	415	969	-1832	-85	-6847	0	828	600	875	-6893	0	7370	721	1134	0	100
101	-1748	667	878	398	891	-1763	-85	-6670	0	585	573	630	-6715	0	7051	689	1088	0	101
102	-1607	581	850	567	885	-1642	-83	-6037	0	764	831	864	-6137	0	6612	647	1019	0	102
103	-1530	599	749	512	777	-1558	-83	-5878	0	421	724	503	-5960	0	6227	609	961	0	103
104	-1400	555	676	796	750	-1473	-79	-5391	0	336	1117	546	-5601	0	5894	576	910	0	104
105	-1286	559	557	528	594	-1323	-81	-5092	0	44	741	97	-5198	0	5248	513	812	0	105
106	-1201	506	542	514	579	-1238	-81	-4710	0	107	720	213	-4815	0	4925	481	761	0	106
107	-1145	513	476	209	483	-1152	-86	-4580	0	96	292	77	-4599	0	4560	446	705	0	107
108	-1069	514	398	220	406	-1077	-85	-4371	0	327	308	303	-4394	0	4250	415	654	0	108
109	-1631	786	604	-102	605	-1632	-88	-6703	0	529	-151	-525	-6706	0	6459	632	995	0	109
110	-1620	776	607	-90	608	-1621	-88	-6647	0	486	-134	-483	-6650	0	6422	624	988	0	110
111	-1645	775	635	-233	639	-1651	-86	-6717	0	411	-340	-393	-6736	0	6548	640	1006	0	111
112	-1693	766	693	-181	697	-1696	-87	-6823	0	198	-262	-188	-6834	0	6741	659	1034	0	112
113	-1746	769	742	-295	751	-1755	-86	-6983	0	73	-423	-48	-7009	0	6985	683	1070	0	113
114	-1715	717	780	-184	783	-1718	-87	-6737	0	199	-261	209	-6747	0	6854	670	1051	0	114
115	-1769	748	792	-174	795	-1772	-88	-6982	0	127	-241	135	-6991	0	7059	690	1083	0	115
116	-1803	705	883	24	883	-1803	-89	-6949	0	516	47	516	-6950	0	7222	706	1108	0	116
117	-1806	714	874	37	874	-1806	-89	-6975	0	454	66	455	-6975	0	7214	705	1110	0	117
118	-1724	650	877	205	881	-1728	-87	-6561	0	654	298	666	-6573	0	6931	678	1066	0	118
119	-1676	674	797	215	801	-1680	-87	-6498	0	345	310	359	-6512	0	6699	655	1033	0	119
120	-1618	623	805	515	832	-1645	-85	-6191	0	510	732	589	-6270	0	6584	644	1016	0	120
121	-1502	634	716	435	736	-1563	-84	-6011	0	225	617	286	-6071	0	6219	608	960	0	121
122	-1432	572	687	480	711	-1459	-83	-5530	0	332	676	409	-5607	0	5823	569	899	0	122
123	-1370	594	596	343	611	-1385	-84	-5427	0	8	483	51	-5469	0	5495	537	808	0	123
124	-1280	574	532	455	560	-1308	-82	-5121	0	121	639	40	-5202	0	5181	507	801	0	124
125	-1221	553	500	124	502	-1223	-87	-4989	0	141	174	-135	-4906	0	4863	475	752	0	125
126	-1221	553	500	124	502	-1223	-87	-4989	0	141	174	-135	-4906	0	4863	475	752	0	126
127	-1617	736	656	-54	657	-1618	-89	-6522	0	229	-40	-228	-6523	0	6412	627	987	0	127
128	-1581	736	620	-62	621	-1581	-89	-6421	0	333	-89	-332	-6422	0	6262	612	964	0	128

133	-1638	751	656	-200	661	-1642	87	-6629	0	-274	-240	-265	-6642	*	0	6514	637	1002	0	0	133
134	-1619	716	684	-149	667	-1621	88	-6469	0	-85	-217	-77	-6471	*	0	6458	630	990	0	0	134
135	-1718	739	753	-204	757	-1722	87	-6822	0	37	-292	49	-6834	*	0	6859	671	1052	0	0	135
140	-1624	719	684	-179	688	-1627	87	-6494	0	-46	-257	86	-6504	*	0	6462	632	993	0	0	140
145	-1731	699	619	-101	820	-1732	88	-6733	0	344	-141	347	-6736	*	0	6916	676	1062	0	0	145
146	-1705	729	753	-175	756	-1708	87	-6450	0	71	-246	80	-6759	*	0	6799	665	1044	0	0	146
152	-1659	685	765	181	768	-1662	87	-6483	0	222	264	232	-6493	*	0	6812	647	1020	0	0	152
153	-1720	691	819	157	827	-1722	88	-6661	0	395	229	400	-6664	*	0	6677	672	1058	0	0	153
154	-1720	691	819	157	827	-1722	88	-6661	0	395	229	400	-6664	*	0	6677	672	1058	0	0	154
162	-1271	591	500	120	502	-1273	88	-5148	0	-255	169	-250	-5154	*	0	5033	492	777	0	0	162
163	-1308	614	507	108	509	-1310	88	-5317	0	-302	154	-297	-5322	*	0	5180	506	800	0	0	163
165	-1333	578	580	294	591	-1345	85	-5277	0	12	411	43	-5304	*	0	5351	521	824	0	0	165
165	-1405	635	576	219	583	-1411	86	-5640	0	-165	309	-148	-5657	*	0	5855	546	862	0	0	165
166	-1452	604	665	422	665	-1473	84	-5679	0	171	595	231	-5759	*	0	5859	573	905	0	0	166
167	-1547	675	665	251	672	-1554	86	-6150	0	-36	356	-15	-6171	*	0	6163	603	950	0	0	167
168	-1567	615	765	263	774	-1575	86	-6023	0	433	403	458	-6048	*	0	6200	615	970	0	0	168
129	-1581	707	657	62	658	-1581	89	-6338	0	-146	-89	-144	-6359	*	0	6266	613	966	0	0	129
130	-1549	692	646	-48	646	-1550	89	-6206	0	-130	-71	-129	-6207	*	0	6148	601	948	0	0	130
131	-1472	645	670	-9	670	-1549	89	-6134	0	-12	-14	-12	-6154	*	0	6148	601	948	0	0	131
132	-1472	645	670	-9	670	-1549	89	-6134	0	-12	-14	-12	-6154	*	0	6148	601	948	0	0	132
135	-1619	707	695	-128	697	-1621	88	-6447	0	-44	-37	-44	-6455	*	0	6458	629	990	0	0	135
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138	-1504	651	654	-52	655	-1504	89	-6202	0	-34	-113	-32	-6204	*	0	6186	605	953	0	0	138
141	-1624	711	695	-158	698	-1626	87	-6471	0	13	-76	14	-5962	*	0	5969	584	920	0	0	141
142	-1592	690	692	-137	695	-1593	88	-6322	0	-44	-226	-36	-6479	*	0	6461	632	993	0	0	142
143	-1592	688	693	-137	695	-1593	88	-6322	0	-44	-226	-36	-6479	*	0	6461	632	993	0	0	143
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147	-1662	693	758	-141	760	-1664	88	-6522	0	-54	-107	-52	-6110	*	0	6084	595	937	0	0	147
148	-1663	715	729	-154	732	-1666	88	-6596	0	193	-202	199	-6528	*	0	6630	648	1019	0	0	148
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160	-1634	705	714	-53	714	-1634	89	-6444	0	63	-107	65	-6575	*	0	6604	646	1016	0	0	160
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288	-406	202	142	-344	192	-455	73	-1684	0	-169	-474	424	-3533	0	1804	176	278	0	288
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295	-685	287	310	-227	323	-698	83	-2692	0	54	-312	94	-2727	0	2775	271	428	0	295
296	-616	248	293	-175	301	-625	84	-2391	0	130	-243	153	-2414	0	2495	244	384	0	296
297	-882	299	492	-93	494	-884	88	-3269	0	537	-129	542	-3274	0	3576	349	551	0	297
298	-856	298	467	-92	469	-858	87	-3195	0	468	-128	472	-3199	0	3460	338	533	0	298
299	-856	312	448	-184	455	-863	85	-3237	0	373	-255	391	-3255	0	3467	339	534	0	299
300	-809	292	427	-210	436	-818	85	-3048	0	373	-290	348	-3073	0	3290	321	507	0	300
301	-809	312	401	-252	414	-822	84	-3106	0	244	-348	280	-3142	0	3291	322	507	0	301
302	-744	285	372	-217	382	-754	84	-2847	0	241	-287	270	-2877	0	3021	295	465	0	302
303	-744	308	342	-129	346	-748	86	-2912	0	96	-179	107	-2922	0	2977	291	458	0	303
304	-701	312	293	-123	297	-705	86	-2406	0	-57	-170	47	-2816	0	2743	273	431	0	304
305	-857	265	511	-40	511	-858	89	-3107	0	680	-54	681	-3108	0	3499	342	539	0	305
306	-830	278	467	-23	468	-830	89	-3068	0	525	-33	525	-3068	0	3362	329	518	0	306
307	-830	293	448	-116	451	-833	87	-3110	0	430	-160	437	-3118	0	3358	328	517	0	307
308	-809	274	450	-92	452	-811	87	-2998	0	487	-128	492	-3002	0	3276	320	505	0	308
309	-809	316	397	-97	399	-811	87	-3114	0	223	-135	229	-3120	0	3241	317	499	0	309
310	-769	304	372	-112	374	-771	87	-2969	0	186	-156	193	-2977	0	3079	301	475	0	310
311	-769	327	342	-25	342	-769	89	-3033	0	41	-34	41	-3034	0	3055	298	471	0	311
312	-764	326	338	-24	338	-764	89	-3019	0	33	-33	33	-3020	0	3037	297	468	0	312

TIME 50 = 8000.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE= 1.0000

NODAL POINT K-DISPLACEMENT 7-DISPLACEMENT

1	0.	5051E-03	2	-.4930E-04	3024E-03	3	-.2349E-03	2681E-03	4	-.3791E-03	2578E-03
5	-.5294E-03	2197E-03	6	-.6478E-03	1484E-03	7	-.7433E-03	1448E-03	8	-.4198E-03	9774E-04
9	-.8556E-03	5024E-04	10	-.8797E-03	0.	11	0.	3588E-03	12	-.9607E-04	3266E-03
13	-.2083E-03	5100E-03	14	-.5341E-03	2588E-03	15	-.4659E-03	2075E-03	16	-.6019E-03	1489E-03
17	-.7168E-03	9732E-04	18	-.4077E-03	5862E-04	19	-.6716E-03	2542E-04	20	-.8667E-03	0.
21	0.	3632E-03	22	-.1007E-03	3609E-03	23	-.2108E-03	3247E-03	24	-.3222E-03	2739E-03
25	-.4571E-03	2047E-03	26	-.5828E-03	1358E-03	27	-.7115E-03	8355E-04	28	-.4115E-03	5479E-04
29	-.6783E-03	1740E-04	30	-.9030E-03	0.	31	0.	4024E-03	32	-.1042E-03	3478E-03
33	-.2184E-03	5534E-03	34	-.5437E-03	2418E-03	35	-.4677E-03	2174E-03	36	-.6081E-03	1444E-03
37	-.7301E-03	8438E-04	38	-.4386E-03	4541E-04	39	-.9067E-03	1593E-04	40	-.9315E-03	0.
41	0.	4318E-03	42	-.1178E-03	4202E-03	43	-.7774E-03	5749E-03	44	-.3698E-03	3161E-03
45	-.5115E-03	2430E-03	46	-.6440E-03	1655E-03	47	0.	1055E-03	48	-.8795E-03	5422E-04
49	-.9318E-03	2434E-04	50	-.9744E-03	0.	51	0.	4770E-03	52	-.1377E-03	4613E-03
53	-.2768E-03	4195E-03	54	-.4260E-03	3551E-03	55	-.5701E-03	2766E-03	56	-.7203E-03	2016E-03
57	-.8081E-03	1295E-03	58	-.9587E-03	7769E-04	59	-.1026E-02	3328E-04	60	-.1033E-02	0.
61	0.	5228E-03	62	-.1573E-03	5076E-03	63	-.3199E-03	4632E-03	64	-.4798E-03	3955E-03
65	-.6456E-03	5174E-03	66	-.7470E-03	2329E-03	67	-.9377E-03	1621E-03	68	-.1045E-02	9606E-04
69	-.1118E-02	4612E-04	70	-.1141E-02	0.	71	0.	5860E-03	72	-.1855E-03	5684E-03
73	-.3703E-03	5214E-03	74	-.5571E-03	4497E-03	75	-.7361E-03	3645E-03	76	-.9088E-03	2779E-03
77	-.1051E-02	1946E-03	78	-.1169E-02	1234E-03	79	-.1242E-02	5810E-04	80	-.1268E-02	0.
81	0.	6509E-03	82	-.1809E-03	6437E-03	83	-.3624E-03	6207E-03	84	-.5331E-03	5959E-03
85	-.7158E-03	4413E-03	86	-.9916E-03	3308E-03	87	-.1212E-02	2234E-03	88	-.1308E-02	1360E-03
89	-.1335E-02	6369E-04	90	-.1348E-02	0.	91	0.	7403E-03	92	-.1773E-03	7316E-03
93	-.3520E-03	7153E-03	94	-.5194E-03	6901E-03	95	-.6719E-03	6668E-03	96	-.6941E-03	5524E-03
97	-.9409E-03	5161E-03	98	-.9679E-03	4041E-03	99	-.1239E-02	3139E-03	100	-.1525E-02	2164E-03
101	-.1533E-02	1127E-03	102	-.1568E-02	0.	103	0.	8258E-03	104	-.1644E-03	8227E-03
105	-.3369E-03	8043E-03	106	-.4980E-03	7846E-03	107	-.6489E-03	7619E-03	108	-.8895E-03	7283E-03
109	-.9147E-03	6311E-03	110	-.1163E-02	5999E-03	111	-.1189E-02	4873E-03	112	-.1214E-02	3966E-03
113	-.1495E-02	3192E-03	114	-.2024E-02	0.	115	-.2024E-02	1042E-03	116	-.2011E-02	2177E-03
117	-.2001E-02	3405E-03	118	-.1985E-02	4803E-03	119	-.1901E-02	6256E-03	120	-.1140E-02	6881E-03
121	-.1416E-02	6690E-03	122	-.1449E-02	5513E-03	123	-.1466E-02	4332E-03	124	-.2441E-02	0.
125	-.2483E-02	9542E-04	126	-.2494E-02	0.	127	-.2503E-02	3024E-03	128	-.2523E-02	4226E-03
129	-.2525E-02	5800E-03	130	-.2428E-02	1916E-03	131	-.2834E-02	1079E-03	132	-.2863E-02	2175E-03
133	-.2918E-02	3507E-03	134	-.3012E-02	0.	135	-.3160E-02	0.	136	-.3174E-02	9465E-04
137	-.3201E-02	1983E-03	138	-.3503E-02	4997E-03	139	-.3527E-02	4648E-03	140	-.3444E-02	0.
141	-.3500E-02	9348E-04	142	-.3518E-02	2934E-03	143	-.3622E-02	2867E-03	144	-.4055E-02	4374E-03
145	-.3866E-02	0.	146	-.3908E-02	1463E-03	147	-.3871E-02	1753E-03	148	-.4065E-02	5018E-03
149	-.4303E-02	4063E-03	150	-.4794E-02	4602E-03	151	-.4211E-02	0.	152	-.4224E-02	1225E-03
153	-.4368E-02	2326E-03	154	-.4455E-02	3502E-03	155	-.4643E-02	4405E-03	156	-.4915E-02	5571E-03
157	-.5074E-02	5951E-03	158	-.4574E-02	0.	159	-.4620E-02	1811E-03	160	-.4766E-02	3677E-03
161	-.4955E-02	5167E-03	162	-.5243E-02	6526E-03	163	-.5532E-02	7123E-03	164	-.5695E-02	6541E-03
165	-.5714E-02	7294E-03	166	-.4932E-02	0.	167	-.5012E-02	2839E-03	168	-.5234E-02	5235E-03
169	-.5554E-02	7400E-03	170	-.5782E-02	8145E-03	171	-.5488E-02	0.	172	-.5523E-02	2662E-03
173	-.5684E-02	5298E-03	174	-.5683E-02	7003E-03	175	-.5935E-02	8624E-03	176	-.5955E-02	0.
177	-.6003E-02	2571E-03	178	-.6111E-02	4803E-03	179	-.6241E-02	6900E-03	180	-.6313E-02	8433E-03
181	-.6013E-02	0.	182	-.6449E-02	2442E-03	183	-.6532E-02	4743E-03	184	-.6627E-02	6725E-03
185	-.6677E-02	8514E-03	186	-.6859E-02	0.	187	-.6880E-02	2668E-03	188	-.6952E-02	5021E-03
189	-.7027E-02	7095E-03	190	-.7075E-02	8865E-03						

Data Documents Inc

63	-2051	780	1051	170	1054	-2059	86	-7510	0	755	275	764	-7520	*	0	7950	775	1502	0	63
64	-2050	684	1162	909	1225	-2113	81	-7244	0	1273	1243	1451	-7422	*	0	6244	606	1355	0	64
65	-1902	664	1046	830	1103	-1460	81	-6784	0	1016	1140	1181	-6946	*	0	7607	744	1253	0	65
66	-1656	518	989	1132	1105	-1772	78	-5749	0	825	1263	1586	-6066	*	0	6995	684	1149	0	66
67	-1489	517	823	938	915	-1581	78	-5307	0	825	1263	1586	-6066	*	0	6166	603	1013	0	67
68	-1289	441	720	1435	950	-1519	72	-4572	0	745	1917	1364	-5191	*	0	5491	586	985	0	68
69	-1062	422	537	936	662	-1207	74	-3976	0	306	1255	647	-4317	*	0	4675	457	769	0	69
70	-919	339	482	941	625	-1062	72	-3321	0	399	1258	784	-3707	*	0	4155	406	683	0	70
71	-811	338	375	347	400	-836	81	-5039	0	115	464	182	-5106	*	0	3201	313	527	0	71
72	-714	332	286	384	322	-750	79	-2763	0	115	515	182	-5106	*	0	2851	278	470	0	72
73	-1612	963	564	128	565	-1814	88	-7414	0	1145	197	1139	-7420	*	0	6921	677	1133	0	73
74	-1741	922	547	96	548	-1742	88	-7107	0	1045	147	1041	-7111	*	0	6651	650	1048	0	74
75	-1780	921	568	321	548	-1791	85	-7216	0	932	266	266	-7250	*	0	6845	664	1117	0	75
76	-1899	924	705	209	704	-1903	87	-7540	0	566	296	296	-7552	*	0	7291	713	1185	0	76
77	-1974	919	786	404	801	-1948	85	-7721	0	345	546	304	-7762	*	0	7614	745	1240	0	77
78	-1915	829	846	197	849	-1918	88	-7303	0	95	254	104	-7511	*	0	7364	720	1200	0	78
79	-1966	833	891	247	897	-1912	87	-7445	0	766	259	774	-7577	*	0	7993	782	1306	0	79
80	-2066	783	1057	169	1059	-2063	88	-7537	0	739	262	747	-7545	*	0	7446	771	1504	0	80
81	-2060	780	1053	168	1055	-2063	88	-7537	0	1055	666	1111	-6785	*	0	7404	724	1213	0	81
82	-1884	655	1040	481	1059	-1904	85	-6728	0	772	646	828	-6624	*	0	7075	692	1162	0	82
83	-1811	667	951	468	971	-1831	85	-6567	0	946	1394	1208	-6459	*	0	7141	698	1173	0	83
84	-1736	603	958	1032	1054	-1832	74	-6197	0	521	1146	723	-5980	*	0	6375	623	1048	0	84
85	-1578	602	800	848	874	-1651	79	-5778	0	648	1244	913	-5206	*	0	5718	559	939	0	85
86	-1372	496	733	926	830	-1469	78	-4942	0	262	854	406	-4789	*	0	5005	489	822	0	86
87	-1249	504	599	635	652	-1302	80	-4645	0	19	1163	284	-4474	*	0	4623	452	760	0	87
88	-1094	480	474	867	586	-1206	75	-4170	0	291	1163	284	-4474	*	0	3831	374	631	0	88
89	-992	479	372	302	389	-1008	83	-3902	0	832	159	828	-6839	*	0	3763	368	619	0	89
90	-977	455	416	241	426	-987	85	-3738	0	717	125	715	-6965	*	0	7331	717	1201	0	90
91	-1695	667	572	112	573	-1696	88	-6834	0	824	601	876	-6892	*	0	7359	721	1207	0	91
92	-1740	671	613	85	614	-1741	88	-6962	0	585	573	630	-6714	*	0	7050	689	1154	0	92
93	-1779	671	652	299	661	-1788	86	-7070	0	766	832	866	-6136	*	0	6612	646	1085	0	93
94	-1769	834	692	230	697	-1775	87	-6936	0	372	323	356	-6952	*	0	6781	663	1107	0	94
95	-1830	840	745	353	757	-1842	85	-7120	0	251	447	217	-7155	*	0	7044	689	1149	0	95
96	-1902	806	861	162	864	-1904	88	-7214	0	180	211	186	-7220	*	0	7315	715	1192	0	96
97	-1948	808	906	211	909	-1952	87	-7336	0	278	268	287	-7346	*	0	7494	733	1225	0	97
98	-1898	733	954	14	954	-1898	89	-6990	0	625	35	626	-6990	*	0	7323	716	1197	0	98
99	-1906	748	940	37	940	-1906	89	-7051	0	824	601	876	-6892	*	0	7331	717	1201	0	99
100	-1888	691	996	433	1012	-1904	85	-6845	0	585	573	630	-6714	*	0	7050	689	1154	0	100
101	-1816	697	916	415	932	-1832	85	-6649	0	766	832	866	-6136	*	0	6612	646	1085	0	101
102	-1670	607	888	812	924	-1707	83	-6035	0	422	724	504	-5960	*	0	6228	606	1022	0	102
103	-1590	626	782	534	812	-1620	83	-5878	0	356	1118	547	-5601	*	0	5894	576	968	0	103
104	-1454	580	829	829	829	-1375	81	-5093	0	9	742	97	-5199	*	0	5248	513	863	0	104
105	-1336	584	582	550	621	-1287	81	-4710	0	109	720	214	-4815	*	0	4926	482	809	0	105
106	-1248	529	566	535	605	-1118	85	-4371	0	46	292	277	-4600	*	0	4561	446	749	0	106
107	-1190	536	498	217	505	-1197	86	-4581	0	327	309	304	-4595	*	0	4251	415	699	0	107
108	-1110	537	416	229	425	-1118	85	-4371	0	531	152	527	-6707	*	0	6459	632	1059	0	108
109	-1695	821	632	107	633	-1696	88	-6703	0	488	135	485	-6651	*	0	6422	628	1052	0	109
110	-1684	811	635	94	636	-1685	88	-6648	0	413	342	395	-6738	*	0	6549	640	1071	0	110
111	-1710	810	662	244	668	-1716	86	-6719	0	198	263	187	-6835	*	0	6745	659	1102	0	111
112	-1760	801	725	184	724	-1764	87	-6824	0	202	261	212	-6747	*	0	6987	683	1141	0	112
113	-1816	804	776	308	785	-1825	86	-6945	0	128	241	136	-6991	*	0	7080	690	1154	0	113
114	-1783	750	816	192	819	-1787	87	-6737	0	455	68	456	-6974	*	0	7213	705	1182	0	114
115	-1839	783	828	181	831	-1842	88	-6983	0	518	49	518	-6949	*	0	7222	706	1140	0	115
116	-1875	737	923	26	923	-1875	89	-6949	0	657	299	669	-6572	*	0	7213	705	1182	0	116
117	-1877	746	913	39	914	-1877	89	-6973	0	545	311	359	-6511	*	0	6698	655	1099	0	117
118	-1792	679	916	214	920	-1796	87	-6559	0	510	733	589	-6269	*	0	6584	644	1081	0	118
119	-1742	704	832	224	837	-1746	87	-6497	0	225	617	286	-6071	*	0	6219	608	1021	0	119
120	-1662	651	841	537	869	-1710	83	-6190	0	9	483	51	-5470	*	0	5823	569	956	0	120
121	-1602	662	747	454	769	-1624	84	-6010	0	121	639	41	-5202	*	0	5182	507	851	0	121
122	-1486	597	718	500	746	-1516	83	-5529	0	298	228	287	-5001	*	0	4863	475	799	0	122
123	-1424	620	623	357	638	-1419	84	-5427	0	141	174	134	-4906	*	0	4643	452	795	0	123
124	-1330	599	555	474	585	-1359	82	-5122	0	229	80	228	-6524	*	0	6413	627	1051	0	124
125	-1274	604	494	169	498	-1278	87	-4990	0	534	676	411	-5606	*	0	6262	612	1026	0	125
126	-1268	577	522	130	525	-1270	89	-6523	0	534	676	411	-5606	*	0	6262	612	1026	0	126
127	-1861	770	686	57	687	-1861	89	-6523	0	534	676	411	-5606	*	0	6262	612	1026	0	127
128	-1643	769	648	65	649	-1643	89	-6421	0	534	676	411	-5606	*	0	6262	612	1026	0	128

Doc. Documents Inc.

133	-1703	746	686	-209	691	-1707	87	-6631	0	-280	-291	-267	-6644	*	0	6514	637	1066	0	133
134	-1683	748	716	-156	714	-1665	88	-6470	0	-85	-216	-77	-6477	*	0	6434	630	1054	0	134
139	-1787	773	747	-213	792	-1791	87	-6824	0	36	-293	46	-6636	*	0	6661	671	1120	0	139
140	-1688	752	716	-187	719	-1691	87	-6495	0	96	-258	86	-6505	*	0	6462	632	1058	0	140
145	-1800	731	856	-105	857	-1801	88	-6734	0	344	-141	347	-6737	*	0	6917	676	1131	0	145
146	-1772	763	787	-183	790	-1776	87	-6751	0	72	-265	81	-6760	*	0	6600	665	1112	0	146
152	-1724	716	799	190	803	-1727	87	-6482	0	221	265	232	-6492	*	0	6611	646	1085	0	152
153	-1788	717	862	164	865	-1790	88	-6669	0	393	230	400	-6668	*	0	6677	672	1126	0	153
154	-1788	722	856	-110	856	-1788	89	-6669	0	375	-6	375	-6669	*	0	6665	671	1124	0	154
162	-1320	618	522	125	525	-1322	88	-7148	0	-255	169	-250	-5154	*	0	5034	492	827	0	162
163	-1359	642	530	113	532	-1361	88	-5414	0	-302	154	-248	-5325	*	0	5140	506	851	0	163
164	-1385	603	606	306	614	-1397	85	-5277	0	13	410	44	-5308	*	0	5331	521	876	0	164
165	-1460	663	602	228	609	-1466	86	-5640	0	-166	309	-148	-5658	*	0	5585	546	917	0	165
166	-1509	631	694	400	716	-1531	84	-5679	0	172	596	232	-5759	*	0	5858	573	962	0	166
167	-1607	706	695	261	702	-1614	86	-6150	0	-37	356	-17	-6171	*	0	6162	603	1011	0	167
168	-1628	642	799	295	808	-1637	86	-6021	0	435	403	460	-6046	*	0	6289	615	1032	0	168
129	-1643	740	687	-65	687	-1643	89	-6338	0	-146	-90	-145	-6359	*	0	6268	613	1028	0	129
130	-1610	723	676	-50	676	-1610	89	-6206	0	-130	-72	-129	-6207	*	0	6143	601	1007	0	130
131	-1610	704	700	-9	700	-1610	89	-6154	0	-12	-14	-12	-6154	*	0	6148	601	1008	0	131
132	-1529	674	658	-28	658	-1529	89	-5854	0	-44	-37	-44	-5854	*	0	5832	570	958	0	132
135	-1683	740	727	-133	729	-1685	88	-6447	0	-33	-186	-28	-6453	*	0	6439	630	1054	0	135
136	-1620	731	676	-123	677	-1622	88	-6254	0	-153	-171	-148	-6259	*	0	6186	605	1014	0	136
137	-1620	712	700	-82	701	-1621	88	-6202	0	-34	-113	-32	-6204	*	0	6184	605	1015	0	137
138	-1563	680	684	-54	684	-1563	89	-5960	0	14	-76	-15	-5961	*	0	5969	584	974	0	138
141	-1688	743	727	-165	730	-1691	87	-6472	0	-45	-226	-15	-6480	*	0	6462	632	1058	0	141
142	-1655	721	724	-143	726	-1657	88	-6322	0	10	-199	16	-6328	*	0	6337	620	1038	0	142
143	-1655	719	726	-84	727	-1656	88	-6318	0	19	-117	21	-6320	*	0	6331	619	1037	0	143
144	-1593	704	684	-78	685	-1594	88	-6108	0	-54	-107	-52	-6110	*	0	6084	595	998	0	144
147	-1728	724	793	-147	795	-1730	88	-6522	0	194	-203	200	-6528	*	0	6631	648	1085	0	147
148	-1729	748	763	-161	765	-1732	88	-6597	0	38	-223	46	-6604	*	0	6628	648	1084	0	148
149	-1668	730	724	-149	726	-1670	88	-6383	0	-17	-206	-10	-6389	*	0	6384	624	1045	0	149
150	-1668	729	726	-90	727	-1669	88	-6374	0	-8	-124	-6	-6381	*	0	6378	624	1044	0	150
151	-1651	712	731	-71	731	-1651	89	-6287	0	54	-98	56	-6288	*	0	6317	618	1034	0	151
155	-1763	733	817	-56	817	-1763	89	-6642	0	224	10	224	-6642	*	0	6757	661	1106	0	155
156	-1763	746	799	-67	800	-1764	89	-6678	0	142	-89	143	-6679	*	0	6752	660	1106	0	156
157	-1726	723	793	-98	794	-1727	88	-6515	0	198	-131	200	-6518	*	0	6620	647	1083	0	157
158	-1699	725	763	-101	764	-1700	88	-6449	0	108	-137	111	-6452	*	0	6509	636	1065	0	158
159	-1726	743	766	-79	767	-1727	89	-6575	0	63	-107	65	-6576	*	0	6609	646	1081	0	159
160	-1699	737	747	-56	747	-1699	89	-6485	0	27	-77	28	-6486	*	0	6500	636	1064	0	160
161	-1683	737	731	-58	731	-1684	89	-6445	0	-14	-80	-17	-6446	*	0	6437	629	1054	0	161
169	-1698	752	726	151	728	-1700	88	-6522	0	376	211	383	-6524	*	0	6490	635	1064	0	169
170	-1698	683	817	109	819	-1700	88	-6318	0	-85	208	-78	-6529	*	0	6525	638	1070	0	170
178	-1380	658	530	100	532	-1382	88	-5419	0	-349	136	-345	-5422	*	0	5258	514	864	0	178
179	-1394	647	563	101	564	-1400	88	-5433	0	-220	137	-216	-5437	*	0	5332	521	875	0	179
180	-1475	675	602	234	609	-1482	86	-5718	0	-203	316	-185	-5736	*	0	5646	552	927	0	180
181	-1490	669	625	182	629	-1494	87	-5734	0	-113	299	-102	-5745	*	0	5694	557	935	0	181
182	-1576	682	695	238	701	-1582	86	-6000	0	32	323	50	-6017	*	0	6042	591	992	0	182
183	-1576	659	726	223	731	-1581	87	-5924	0	192	305	207	-5944	*	0	6051	592	993	0	183
171	-1714	747	753	75	754	-1720	89	-6566	0	6	108	7	-6568	*	0	6572	643	1077	0	171
172	-1714	709	799	31	799	-1714	89	-6436	0	256	49	256	-6437	*	0	6569	642	1076	0	172
173	-1703	734	755	8	755	-1703	89	-6485	0	54	15	54	-6485	*	0	6512	637	1067	0	173
174	-1703	738	750	-25	750	-1703	89	-6494	0	33	-32	33	-6495	*	0	6511	637	1067	0	174
175	-1706	727	766	-39	767	-1706	89	-6474	0	111	-51	111	-6475	*	0	6531	639	1069	0	175
176	-1706	742	747	-20	747	-1706	89	-6518	0	12	-26	12	-6518	*	0	6524	636	1068	0	176
177	-1718	745	754	-26	755	-1718	89	-6559	0	24	-35	25	-6560	*	0	6572	643	1075	0	177
184	-1635	750	666	100	667	-1636	88	-6348	0	-241	139	-238	-6352	*	0	6236	610	1023	0	184
185	-1642	689	753	123	755	-1644	88	-6190	0	163	172	188	-6194	*	0	6291	615	1032	0	185
186	-1667	739	712	54	712	-1667	89	-6399	0	-78	77	-77	-6400	*	0	6362	622	1043	0	186
187	-1678	715	755	56	755	-1679	89	-6361	0	112	81	113	-6362	*	0	6420	628	1052	0	187
188	-1689	736	738	10	738	-1689	89	-6450	0	4	16	4	-6450	*	0	6453	631	1057	0	188
189	-1694	731	750	8	750	-1694	89	-6452	0	53	14	53	-6452	*	0	6478	633	1061	0	189
190	-1699	746	735	-19	735	-1699	89	-6508	0	-32	-26	-32	-6508	*	0	6492	635	1063	0	190
191	-1727	752	754	-1	754	-1727	89	-6601	0	5	-0	5	-6601	*	0	6604	646	1081	0	191
192	-1424	699	521	3	521	-1424	89	-5643	0	-478	4	-478	-5643	*	0	5420	530	890	0	192
193	-1470	701	563	50	563	-1470	89	-5774	0	-379	67	-378	-5775	*	0	5596	547	919	0	193
194	-1470	694	567	36	567	-1470	89	-5762	0	-350	49	-349	-5763	*	0	5596	547	919	0	194

195	-1534	706	625	109	627	-1540	-88	-5967	0	-222	148	-214	-5971	*	0	5865	574	963	0	195
196	-1540	677	666	123	667	-1542	-88	-5884	0	-25	170	-20	-5893	*	0	5883	574	966	0	196
197	-1593	758	613	-37	614	-1593	89	-6258	0	-397	-47	-396	-6258	*	0	6069	593	995	0	197
198	-1626	708	712	70	712	-1627	89	-6205	0	12	100	14	-6207	*	0	6214	604	1019	0	198
199	-1651	738	699	-32	699	-1652	89	-6353	0	-103	-40	-103	-6353	*	0	6302	616	1033	0	199
200	-1682	731	738	34	738	-1682	89	-6416	0	21	51	21	-6417	*	0	6427	628	1053	0	200
201	-1684	735	735	16	735	-1684	89	-6433	0	3	24	3	-6433	*	0	6435	629	1055	0	201
202	-1701	755	726	-16	726	-1701	89	-6535	0	-81	-19	-81	-6535	*	0	6495	635	1064	0	202
203	-1427	701	521	3	521	-1427	89	-5657	0	-484	4	-484	-5657	*	0	5431	531	891	0	203
204	-1435	742	477	-37	477	-1435	89	-5784	0	-710	-47	-709	-5784	*	0	5464	535	897	0	204
205	-1435	739	480	-83	481	-1436	89	-5780	0	-692	-110	-690	-5782	*	0	5470	535	897	0	205
206	-1509	729	567	-19	567	-1509	89	-5953	0	-439	-21	-439	-5953	*	0	5746	562	943	0	206
207	-1509	694	613	-32	614	-1509	89	-5850	0	-206	-40	-206	-5851	*	0	5750	562	944	0	207
208	-1566	783	554	-161	557	-1569	87	-6253	0	-623	-209	-615	-6261	*	0	5977	584	980	0	208
209	-1566	747	601	-220	606	-1572	87	-6151	0	-342	-293	-377	-6166	*	0	5986	585	982	0	209
210	-1681	760	699	-97	700	-1682	88	-6495	0	-168	-127	-165	-6497	*	0	6416	627	1052	0	210
211	-1681	740	726	-60	726	-1681	88	-6435	0	-33	-78	-32	-6436	*	0	6420	628	1053	0	211
212	-1762	755	787	-152	789	-1764	88	-6694	0	93	-204	99	-6700	*	0	6750	660	1106	0	212
213	-1388	705	477	-9	477	-1388	89	-5563	0	-606	-13	-606	-5563	*	0	5286	517	867	0	213
214	-1388	748	431	-59	432	-1399	89	-5709	0	-847	-76	-846	-5710	*	0	5338	522	875	0	214
215	-1391	705	480	-102	482	-1393	88	-5572	0	-596	-135	-596	-5576	*	0	5305	519	870	0	215
216	-1427	766	438	-188	442	-1432	87	-5835	0	-878	-246	-866	-5847	*	0	5466	534	896	0	216
217	-1457	700	554	-159	557	-1460	87	-5728	0	-478	-209	-370	-5737	*	0	5561	544	913	0	217
218	-1529	771	532	-346	547	-1543	85	-6116	0	-635	-455	-597	-6133	*	0	5877	575	964	0	218
219	-1600	774	601	-268	609	-1609	86	-6311	0	-465	-356	-403	-6333	*	0	6123	599	1005	0	219
220	-1655	820	595	-544	628	-1688	83	-6583	0	-604	-726	-517	-6670	*	0	6427	628	1054	0	220
221	-1948	898	787	-331	797	-1938	86	-7577	0	-312	-445	-245	-7604	*	0	7465	730	1223	0	221
222	-1327	719	398	-57	399	-1328	89	-5402	0	-852	-76	-851	-5443	*	0	5072	496	831	0	222
223	-1362	721	431	-55	432	-1363	89	-5540	0	-769	-73	-768	-5541	*	0	5199	508	852	0	223
224	-1362	716	438	-149	441	-1363	87	-5525	0	-735	-197	-727	-5533	*	0	5208	509	854	0	224
225	-1353	742	395	-183	400	-1358	87	-5569	0	-923	-239	-911	-5581	*	0	5166	507	851	0	225
226	-1353	748	387	-491	421	-1367	82	-5585	0	-956	-650	-866	-5674	*	0	5295	518	869	0	226
227	-1549	787	532	-441	536	-1572	84	-6207	0	-677	-587	-615	-6269	*	0	5485	585	982	0	227
228	-1349	739	595	-596	636	-1509	82	-6067	0	-365	-804	-253	-6178	*	0	6055	592	994	0	228
229	-1980	1055	615	-1008	709	-2074	79	-8090	0	-1214	-1355	-964	-8341	*	0	7903	773	1296	0	229
230	-1295	694	598	-57	599	-1295	89	-5288	0	-741	-76	-780	-5290	*	0	4946	483	811	0	230
231	-1304	720	373	-91	375	-1305	88	-5384	0	-927	-121	-924	-5387	*	0	4991	488	818	0	231
232	-1304	722	371	-94	372	-1305	88	-5384	0	-938	-126	-935	-5392	*	0	4991	488	818	0	232
233	-1266	675	595	-155	599	-1270	87	-5158	0	-734	-206	-725	-5168	*	0	4846	474	795	0	233
234	-1266	681	587	-464	419	-1268	82	-5173	0	-767	-617	-682	-5258	*	0	4942	484	812	0	234
235	-1427	793	401	-611	451	-1476	80	-5912	0	-1056	-808	-925	-6043	*	0	5638	551	924	0	235
236	-1427	631	615	-841	698	-1510	78	-5439	0	4	-1123	-232	-5662	*	0	5781	565	949	0	236
237	-1760	1032	425	-1553	617	-1953	74	-7402	0	-1667	-1792	-1156	-7453	*	0	7443	728	1221	0	237
238	-1221	670	355	-168	359	-1226	86	-5030	0	-846	-221	-834	-5042	*	0	4681	458	768	0	238
239	-1303	719	373	-81	374	-1304	84	-5378	0	-925	-109	-922	-5381	*	0	4984	487	817	0	239
240	-1103	721	571	-84	572	-1104	88	-5363	0	-936	-114	-933	-5386	*	0	4985	487	817	0	240
241	-1130	607	346	-110	348	-1132	88	-5426	0	-700	-127	-696	-5430	*	0	4324	423	709	0	241
242	-1130	485	505	-808	600	-1225	76	-4280	0	84	-1068	-331	-4528	*	0	4703	460	772	0	242
243	-1268	687	401	-528	441	-1328	81	-5245	0	-749	-704	-640	-5354	*	0	5065	495	830	0	243
244	-1268	672	419	-905	531	-1400	76	-5219	0	-685	-1197	-584	-5516	*	0	5353	521	875	0	244
245	-1163	573	425	-1066	587	-1325	73	-4568	0	-350	-1421	-82	-5021	*	0	5063	495	831	0	245
246	-1359	896	178	-1675	550	-1710	66	-5978	0	-1964	-2213	-983	-6959	*	0	6523	638	1069	0	246
247	-1103	579	355	-168	360	-1108	86	-4478	0	-594	-220	-581	-4491	*	0	4230	415	693	0	247
248	-1011	405	489	-54	490	-1012	89	-3753	0	244	65	245	-3754	*	0	3882	379	637	0	248
249	-1011	442	440	-458	476	-1047	81	-3860	0	5	-606	98	-3453	*	0	4003	391	657	0	249
250	-1011	442	440	-458	476	-1047	81	-3860	0	5	-606	98	-3453	*	0	4003	391	657	0	250
251	-1581	831	505	-589	546	-1522	82	-6437	0	-914	-779	-806	-6445	*	0	6181	604	1013	0	251
252	-1249	603	470	-203	476	-1255	86	-4925	0	-363	-279	-346	-4942	*	0	4778	467	784	0	252
253	-1249	642	419	-798	509	-1340	77	-5033	0	-600	-1056	-561	-5272	*	0	5101	499	837	0	253
254	-1086	500	441	-577	494	-1139	79	-4210	0	-150	-775	-7	-4353	*	0	4309	425	713	0	254
255	-1086	542	386	-917	517	-1218	73	-4333	0	-426	-1222	-75	-4684	*	0	4647	454	762	0	255
256	-650	366	178	-1297	534	-1005	61	-2687	0	-446	-1722	-488	-5622	*	0	3869	380	638	0	256
257	-586	369	83	-914	315	-818	63	-2598	0	-821	-1216	-203	-3216	*	0	3119	305	510	0	257
258	-1162	520	489	-53	490	-1162	89	-4471	0	-87	-70	-86	-4472	*	0	4450	433	727	0	258
259	-1236	509	579	-74	580	-1237	88	-4638	0	184	-99	186	-4640	*	0	4736	463	777	0	259
260	-1152	550	440	-467	474	-1186	81	-4537	0	-307	-610	-220	-4623	*	0	4517	442	741	0	260

261	-1047	426	497	-254	508	-1058	85	-5914	0	194	-341	222	-3942	*	0	4058	597	666	0	0	261
262	-1068	463	470	-207	477	-1075	86	-4066	0	30	-276	44	-4085	*	0	4109	402	673	0	0	262
263	-1146	545	441	-605	497	-1202	79	-4510	0	-289	-797	-143	-4656	*	0	4386	444	751	0	0	263
264	-1000	406	476	-424	506	-1030	81	-47336	0	192	-565	-272	-5615	*	0	3958	587	649	0	0	264
265	-1000	475	386	-910	522	-1137	73	-4932	0	-240	-1204	117	-4290	*	0	4350	425	715	0	0	265
266	-142	294	562	-606	440	-819	75	-2741	0	191	-615	401	-2452	*	0	3172	510	520	0	0	266
267	-553	363	83	-966	545	-815	31	-2453	0	-751	-1277	-67	-5137	*	0	3103	503	509	0	0	267
268	-237	45	180	-564	322	-379	63	-729	0	395	-754	774	-1107	*	0	1658	160	266	0	0	268
269	-237	148	58	-257	106	-246	69	-1007	0	-219	-347	-88	-1159	*	0	1097	107	177	0	0	269
270	-1146	439	579	-146	582	-1149	87	-4210	0	378	-194	386	-4219	*	0	4424	432	725	0	0	270
271	-1160	458	567	-172	572	-1164	87	-4305	0	283	-230	294	-4516	*	0	4471	437	733	0	0	271
272	-1021	406	497	-361	518	-1042	83	-3747	0	252	-480	308	-3443	*	0	4006	392	657	0	0	272
273	-1057	449	476	-434	506	-1047	82	-4010	0	57	-577	137	-4091	*	0	4161	407	643	0	0	273
274	-904	532	476	-586	536	-964	78	-5277	0	403	-778	560	-3455	*	0	3747	566	615	0	0	274
275	-904	563	455	-614	502	-972	77	-5373	0	185	-817	364	-5552	*	0	3747	566	614	0	0	275
276	-689	253	362	-632	450	-777	74	-2504	0	301	-835	531	-2733	*	0	3034	296	498	0	0	276
277	-620	339	180	-731	522	-762	66	-2571	0	-443	-965	-71	-2733	*	0	2909	284	476	0	0	277
278	-302	119	149	-267	185	-539	74	-1107	0	92	-361	193	-1208	*	0	1315	128	215	0	0	278
279	-214	121	58	-274	115	-271	67	-899	0	-164	-361	-16	-1047	*	0	1038	101	169	0	0	279
280	-102	34	58	-172	95	-140	68	-368	0	72	-232	173	-468	*	0	575	56	91	0	0	280
281	-1072	391	567	-160	571	-1076	87	-3890	0	472	-211	483	-3900	*	0	4163	407	662	0	0	281
282	-1021	378	532	-144	555	-1024	87	-3721	0	406	-193	415	-3730	*	0	3954	386	648	0	0	282
283	-1021	342	527	-558	547	-1041	83	-3732	0	380	-477	435	-3787	*	0	4022	393	660	0	0	283
284	-892	322	476	-436	510	-926	81	-3322	0	419	-578	509	-3312	*	0	3594	351	589	0	0	284
285	-892	353	455	-617	503	-960	77	-3316	0	212	-815	391	-3496	*	0	3707	362	608	0	0	285
286	-660	247	340	-479	395	-714	77	-2409	0	253	-640	329	-2555	*	0	2776	271	455	0	0	286
287	-660	260	324	-295	345	-681	81	-2446	0	170	-394	249	-2504	*	0	2626	257	430	0	0	287
288	-422	211	149	-358	200	-473	73	-1684	0	-170	-474	-34	-1820	*	0	1803	176	296	0	0	288
289	-972	354	514	-97	515	-974	88	-3529	0	419	-129	424	-3533	*	0	3763	368	617	0	0	289
290	-961	332	532	-127	535	-963	87	-3436	0	535	-167	542	-3443	*	0	3744	366	614	0	0	290
291	-961	335	527	-341	546	-980	85	-3447	0	510	-452	561	-3498	*	0	3810	372	624	0	0	291
292	-953	315	446	-314	465	-972	83	-3106	0	347	-420	397	-3156	*	0	3373	330	553	0	0	292
293	-953	336	419	-358	444	-978	82	-3164	0	217	-477	284	-3230	*	0	3381	330	554	0	0	293
294	-712	287	340	-421	361	-752	74	-2855	0	142	-558	249	-2763	*	0	2896	283	475	0	0	294
295	-712	300	324	-236	337	-725	83	-2692	0	59	-311	94	-2727	*	0	2775	271	455	0	0	295
296	-841	259	306	-183	315	-649	84	-2391	0	130	-243	154	-2414	*	0	2495	244	409	0	0	296
297	-917	312	514	-97	515	-919	88	-3269	0	538	-129	542	-3274	*	0	3576	349	586	0	0	297
298	-890	311	488	-96	489	-892	87	-3195	0	468	-128	472	-3199	*	0	3460	338	567	0	0	298
299	-890	327	468	-192	474	-897	85	-3237	0	372	-255	390	-3255	*	0	3467	339	568	0	0	299
300	-841	306	446	-219	455	-850	85	-3048	0	374	-290	398	-3073	*	0	3290	321	540	0	0	300
301	-841	326	419	-263	432	-854	84	-3106	0	244	-548	280	-3142	*	0	3291	322	539	0	0	301
302	-773	298	388	-226	399	-784	84	-2847	0	241	-301	270	-2876	*	0	3021	295	495	0	0	302
303	-773	322	357	-134	361	-777	86	-2912	0	96	-179	107	-2922	*	0	2977	291	488	0	0	303
304	-728	326	306	-128	310	-732	86	-2806	0	-58	-170	-47	-2816	*	0	2793	273	458	0	0	304
305	-891	277	533	-42	534	-892	89	-3107	0	680	-54	681	-3106	*	0	3499	342	574	0	0	305
306	-863	290	488	-24	488	-863	89	-3048	0	525	-33	525	-3048	*	0	3362	329	551	0	0	306
307	-863	306	468	-120	470	-866	87	-3110	0	430	-160	437	-3118	*	0	3358	328	550	0	0	307
308	-841	287	470	-96	472	-843	87	-2998	0	487	-128	492	-3007	*	0	3276	320	537	0	0	308
309	-841	330	414	-101	416	-843	87	-3115	0	223	-135	229	-3120	*	0	3241	317	531	0	0	309
310	-799	318	388	-117	391	-799	89	-2969	0	186	-156	193	-2977	*	0	3078	301	505	0	0	310
311	-799	341	357	-26	358	-799	89	-3034	0	41	-34	41	-3034	*	0	3055	298	501	0	0	311
312	-794	341	353	-25	354	-794	89	-3019	0	33	-33	33	-3020	*	0	3037	297	498	0	0	312

TIME 52 = 1000.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE = 1.0000

NODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	.326E-03	2	.969E-04	.3204E-03	5	-.2511E-03	.2842E-03	4	-.4032E-03	-.2731E-03
5	-.5614E-03	.2326E-03	6	-.6864E-03	.1994E-03	7	-.7872E-03	.1532E-03	8	-.4680E-03	.1030E-03
9	-.9058E-03	.5316E-04	10	-.9313E-03	0.	11	0.	.5801E-03	12	-.1024E-03	.5481E-03
13	-.2220E-03	.5287E-03	14	-.3622E-03	.2743E-03	15	-.4953E-03	.2681E-04	16	-.6378E-03	.1576E-03
17	-.7592E-03	.1031E-03	18	-.8555E-03	.6231E-04	19	-.9228E-03	.4451E-03	20	-.9581E-03	0.
21	0.	.3862E-03	22	-.1069E-03	.3855E-03	23	-.2338E-03	.8404E-04	24	-.5419E-03	.2404E-03
25	-.4444E-03	.2169E-03	26	-.6175E-03	.1440E-03	27	-.7556E-03	.2513E-03	28	-.8591E-03	.4227E-04
29	-.9300E-03	.1847E-04	30	-.9562E-03	0.	31	0.	.6240E-03	32	-.1145E-03	.4124E-03
33	-.2313E-03	.3754E-03	34	-.3642E-03	.3097E-03	35	-.4955E-03	.2513E-03	36	-.6441E-03	.1575E-03
37	-.7731E-03	.8964E-04	38	-.8819E-03	.4424E-04	39	-.9600E-03	.1696E-04	40	-.9863E-03	0.
41	0.	.4595E-03	42	-.1245E-03	.4471E-03	43	-.2578E-03	.1028E-03	44	-.3915E-03	.3359E-03
45	-.5417E-03	.2581E-03	46	-.6819E-03	.1759E-03	47	-.8231E-03	.4022E-03	48	-.9311E-03	.5772E-04
49	-.1008E-02	.2942E-04	50	-.1032E-02	0.	51	0.	.5077E-03	52	-.1456E-03	.4909E-03
53	-.2928E-03	.4461E-03	54	-.4509E-03	.3777E-03	55	-.6035E-03	.2942E-03	56	-.7625E-03	.2144E-03
57	-.8978E-03	.1378E-03	58	-.1015E-02	.8274E-04	59	-.1046E-02	.3547E-04	60	-.1114E-02	0.
61	0.	.5566E-03	62	-.1663E-03	.5404E-03	63	-.3864E-03	.8951E-03	64	-.5077E-03	.2088E-03
65	-.6833E-03	.3377E-03	66	-.8435E-03	.2478E-03	67	-.9252E-03	.1726E-03	68	-.1106E-02	.1024E-03
69	-.1184E-02	.4916E-04	70	-.1208E-02	0.	71	0.	.6240E-03	72	-.1962E-03	.6053E-03
73	-.5917E-03	.5552E-03	74	-.5894E-03	.4747E-03	75	-.7749E-03	.3841E-03	76	-.9617E-03	.2959E-03
77	-.1112E-02	.2073E-03	78	-.1237E-02	.1315E-03	79	-.1314E-02	.6194E-04	80	-.1342E-02	0.
81	0.	.6932E-03	82	-.1913E-03	.6611E-03	83	-.3832E-03	.6611E-03	84	-.5658E-03	.3481E-03
85	-.7574E-03	.4700E-03	86	-.1049E-02	.3523E-03	87	-.1346E-02	.2581E-03	88	-.1344E-02	.1450E-03
89	-.1413E-02	.6790E-04	90	-.1426E-02	.7885E-03	91	0.	.7885E-03	92	-.1875E-03	.7793E-03
93	-.3722E-03	.7620E-03	94	-.5493E-03	.7352E-03	95	-.7106E-03	.1104E-03	96	-.7421E-03	.5883E-03
97	-.9953E-03	.5498E-03	98	-.1024E-02	.4304E-03	99	-.1311E-02	.3345E-03	100	-.1613E-02	.2307E-03
101	-.1643E-02	.1202E-03	102	-.1659E-02	0.	103	0.	.8797E-03	104	-.1780E-03	.8764E-03
105	-.3562E-03	.8568E-03	106	-.5265E-03	.8359E-03	107	-.6862E-03	.8118E-03	108	-.9407E-03	.7760E-03
109	-.9675E-03	.6724E-03	110	-.1231E-02	.6393E-03	111	-.1258E-02	.5193E-03	112	-.1284E-02	.4226E-03
113	-.1582E-02	.3403E-03	114	-.2141E-02	0.	115	-.2140E-02	.1112E-03	116	-.2127E-02	.2323E-03
117	-.2117E-02	.3633E-03	118	-.2099E-02	.5123E-03	119	-.2074E-02	.6672E-03	120	-.1206E-02	.7439E-03
121	-.1498E-02	.7131E-03	122	-.1523E-02	.5876E-03	123	-.1551E-02	.4617E-03	124	-.2624E-02	0.
125	-.2626E-02	.1020E-03	126	-.2638E-02	.2047E-03	127	-.2647E-02	.3230E-03	128	-.2668E-02	.4512E-03
129	-.2670E-02	.6191E-03	130	-.2900E-02	0.	131	-.2946E-02	.1154E-03	132	-.3027E-02	.2326E-03
133	-.3086E-02	.3750E-03	134	-.3185E-02	.5340E-03	135	-.3341E-02	0.	136	-.3356E-02	.1067E-03
137	-.3385E-02	.2125E-03	138	-.3495E-02	.3164E-03	139	-.3730E-02	.4973E-03	140	-.3683E-02	0.
141	-.3701E-02	.1001E-03	142	-.3719E-02	.1995E-03	143	-.3872E-02	.3070E-03	144	-.4248E-02	.4683E-03
145	-.3087E-02	0.	146	-.4131E-02	.9502E-04	147	-.4095E-02	.1876E-03	148	-.4298E-02	.3225E-03
149	-.4550E-02	.4344E-03	150	-.5069E-02	.4925E-03	151	-.4851E-02	0.	152	-.4466E-02	.1305E-03
153	-.4615E-02	.2479E-03	154	-.4710E-02	.3733E-03	155	-.4809E-02	.4910E-03	156	-.5197E-02	.5941E-03
157	-.3793E-02	.6353E-03	158	-.4835E-02	0.	159	-.4864E-02	.1928E-03	160	-.5039E-02	.7031E-03
161	-.5239E-02	.5503E-03	162	-.5544E-02	.6949E-03	163	-.5872E-02	.7587E-03	164	-.6022E-02	.5558E-03
165	-.5043E-02	.7771E-03	166	-.5214E-02	0.	167	-.5299E-02	.3022E-03	168	-.5338E-02	.2832E-03
169	-.5873E-02	.7875E-03	170	-.6114E-02	.8670E-03	171	-.5742E-02	0.	172	-.5839E-02	0.
173	-.6010E-02	.5637E-03	174	-.6222E-02	.7451E-03	175	-.6337E-02	.9178E-03	176	-.6246E-02	.8974E-03
177	-.6348E-02	.2735E-03	178	-.6462E-02	.5109E-03	179	-.6599E-02	.7341E-03	180	-.6676E-02	.7155E-03
181	-.6781E-02	0.	182	-.6819E-02	.2596E-03	183	-.6907E-02	.5087E-03	184	-.7008E-02	.5338E-03
185	-.7061E-02	.9061E-03	186	-.7253E-02	0.	187	-.7276E-02	.2856E-03	188	-.7352E-02	0.
189	-.7431E-02	.7545E-03	190	-.7481E-02	.9431E-03						

Data Documents Inc.

63	-2174	850	1119	185	1122	-2177	-488	-1507	0	758	-218	767	-7517	*	0	729	775	1421	0	0	63
64	-2167	733	1235	965	1302	-2234	-81	-1242	0	1275	1240	1451	-7420	*	0	8242	606	1478	0	0	64
65	-2010	707	1111	882	1172	-2071	-81	-6783	0	1018	1141	1182	-6947	*	0	7607	744	1365	0	0	65
66	-1752	551	1051	1200	1174	-1875	-78	-5749	0	1271	1352	1567	-6065	*	0	6945	684	1253	0	0	66
67	-1575	550	875	994	972	-1672	-78	-5508	0	827	1263	1076	-5558	*	0	6167	603	1105	0	0	67
68	-1362	469	765	1521	1009	-1606	-72	-6572	0	744	1917	1363	-5192	*	0	5992	586	1074	0	0	68
69	-1143	450	571	992	704	-1276	-74	-5977	0	306	1256	647	-4319	*	0	4676	457	838	0	0	69
70	-972	361	513	998	665	-1124	-72	-5321	0	401	1258	787	-3706	*	0	4156	406	745	0	0	70
71	-857	360	399	367	426	-883	-81	-3039	0	117	464	144	-3106	*	0	3202	313	574	0	0	71
72	-753	353	504	407	342	-791	-79	-2763	0	-116	516	-19	-2860	*	0	2851	278	512	0	0	72
73	-1915	1028	601	-138	603	-1917	88	-7417	0	-1155	-201	-1144	-7424	*	0	6971	677	1238	0	0	73
74	-1840	984	584	-104	586	-1842	88	-7419	0	-1049	-150	-1145	-7113	*	0	6652	650	1169	0	0	74
75	-1884	984	628	-343	640	-1895	85	-7220	0	-938	-466	-903	-7254	*	0	6847	670	1222	0	0	75
76	-2012	986	755	-223	760	-2016	87	-7542	0	-564	-297	-551	-7555	*	0	7295	713	1294	0	0	76
77	-2090	981	840	-429	856	-2106	85	-7122	0	-343	-545	-303	-7762	*	0	7615	745	1357	0	0	77
78	-2028	884	904	-208	908	-2032	88	-7302	0	102	-252	110	-7311	*	0	7367	720	1313	0	0	78
79	-2081	888	951	-260	957	-2190	-88	-7566	0	193	-306	205	-7456	*	0	7560	739	1351	0	0	79
80	-2187	834	1126	182	1129	-2181	-88	-7534	0	769	266	749	-7542	*	0	7944	782	1428	0	0	80
81	-2179	831	1121	181	1123	-2181	-88	-7534	0	740	266	749	-7542	*	0	7944	782	1428	0	0	81
82	-1993	698	1106	511	1127	-2014	-85	-6726	0	1057	667	1114	-6783	*	0	7403	724	1325	0	0	82
83	-1915	710	1012	497	1033	-1936	-84	-6567	0	773	647	830	-6625	*	0	7075	692	1268	0	0	83
84	-1836	642	1018	1094	1120	-1937	-79	-6197	0	944	1394	1707	-6459	*	0	7140	698	1280	0	0	84
85	-1668	641	851	899	929	-1746	-79	-5778	0	520	1147	723	-5981	*	0	6373	623	1143	0	0	85
86	-1451	528	780	981	883	-1554	-78	-6941	0	651	1244	915	-5206	*	0	5719	559	1024	0	0	86
87	-1320	537	637	674	694	-1377	-80	-4645	0	263	854	408	-4789	*	0	5006	489	897	0	0	87
88	-1156	511	505	919	624	-1275	-75	-4170	0	-20	1164	283	-4475	*	0	4623	452	829	0	0	88
89	-1047	510	397	320	414	-1065	-83	-3904	0	-293	406	287	-3949	*	0	3831	374	687	0	0	89
90	-1032	463	443	255	454	-1043	-85	-3738	0	-35	324	-5	-3767	*	0	3764	368	675	0	0	90
91	-1791	925	610	-120	612	-1793	88	-6836	0	-837	-160	-835	-6841	*	0	6464	632	1157	0	0	91
92	-1840	929	655	-91	656	-1841	88	-6963	0	-720	-126	-717	-6966	*	0	6636	649	1187	0	0	92
93	-1882	929	696	-319	706	-1892	86	-7073	0	-616	-429	-587	-7102	*	0	6827	668	1219	0	0	93
94	-1872	889	739	-246	745	-1878	87	-6934	0	-371	-325	-355	-6954	*	0	6783	663	1211	0	0	94
95	-1938	896	796	-376	808	-1950	85	-7123	0	-251	-489	-217	-7157	*	0	7051	689	1258	0	0	95
96	-2014	860	920	-171	922	-2017	88	-7214	0	184	-210	190	-7250	*	0	7317	716	1304	0	0	96
97	-2062	861	966	-223	970	-2066	88	-7335	0	280	-265	290	-7304	*	0	7493	733	1339	0	0	97
98	-2009	781	1017	17	1017	-2009	-89	-6988	0	630	37	630	-6988	*	0	7324	716	1308	0	0	98
99	-2016	798	1001	41	1001	-2016	-89	-7049	0	531	69	532	-7049	*	0	7350	717	1311	0	0	99
100	-1997	736	1060	461	1078	-2015	-85	-6843	0	830	603	877	-6890	*	0	7368	720	1319	0	0	100
101	-1920	742	975	441	991	-1937	-85	-6667	0	585	574	630	-6713	*	0	7049	689	1263	0	0	101
102	-1767	646	945	650	983	-1805	-83	-6034	0	767	832	868	-6134	*	0	6611	646	1184	0	0	102
103	-1681	667	832	566	864	-1713	-83	-5878	0	422	724	504	-5960	*	0	6228	609	1116	0	0	103
104	-1537	617	751	879	833	-1619	-79	-5390	0	336	1119	547	-5601	*	0	5894	576	1056	0	0	104
105	-1412	622	620	583	661	-1453	-81	-5093	0	-9	742	96	-5199	*	0	5248	513	941	0	0	105
106	-1319	563	603	567	644	-1360	-81	-4710	0	110	720	215	-4815	*	0	4927	482	883	0	0	106
107	-1258	571	531	230	538	-1265	-86	-4581	0	-95	292	-76	-4600	*	0	4562	446	817	0	0	107
108	-1172	572	403	243	453	-1181	-85	-4372	0	-328	309	-305	-4396	*	0	4251	416	762	0	0	108
109	-1791	876	674	-114	675	-1793	88	-6704	0	-534	-153	-530	-6708	*	0	6459	632	1156	0	0	109
110	-1781	865	677	-101	679	-1782	88	-6649	0	-490	-137	-487	-6652	*	0	6422	628	1149	0	0	110
111	-1809	865	706	-260	713	-1816	86	-6721	0	-416	-304	-397	-6740	*	0	6550	640	1171	0	0	111
112	-1863	854	775	-201	778	-1867	87	-6826	0	-197	-264	-187	-6836	*	0	6745	660	1204	0	0	112
113	-1922	858	828	-328	838	-1932	86	-6987	0	-74	-425	-44	-7013	*	0	6989	683	1247	0	0	113
114	-1888	799	871	-204	874	-1891	87	-6737	0	207	-262	217	-6747	*	0	6858	671	1224	0	0	114
115	-1947	835	883	-192	887	-1950	88	-6983	0	128	-240	136	-6991	*	0	7061	690	1261	0	0	115
116	-1985	786	984	-29	984	-1985	-89	-6947	0	521	51	521	-6948	*	0	7222	706	1290	0	0	116
117	-1985	795	973	43	973	-1986	-89	-6971	0	456	69	457	-6972	*	0	7212	705	1290	0	0	117
118	-1896	723	976	288	980	-1900	-87	-6557	0	659	299	672	-6570	*	0	6930	678	1240	0	0	118
119	-1742	750	846	238	891	-1847	-87	-6497	0	540	311	359	-6511	*	0	6698	655	1199	0	0	119
120	-1778	694	895	570	925	-1808	-83	-6189	0	510	733	589	-6268	*	0	6583	644	1179	0	0	120
121	-1694	705	796	481	819	-1717	-84	-6010	0	235	617	285	-6071	*	0	6218	608	1114	0	0	121
122	-1573	636	764	530	794	-1603	-83	-5528	0	335	676	413	-5605	*	0	5823	569	1043	0	0	122
123	-1505	661	664	379	680	-1522	-84	-5428	0	9	483	52	-5470	*	0	5496	537	985	0	0	123
124	-1405	639	592	523	623	-1436	-82	-5122	0	-122	640	-41	-5203	*	0	5182	507	929	0	0	124
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Data Documents Inc.

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269	-252	148	62	-274	114	-303	69	-1009	0	-220	-348	-88	-1141	0	1099	107	195	0	0	269
270	-1212	467	616	-155	620	-1215	87	-4210	0	579	-194	387	-4218	0	4424	452	792	0	0	270
271	-1226	484	604	-182	608	-1231	87	-4506	0	281	-250	292	-3517	0	4471	457	800	0	0	271
272	-1079	432	529	-382	552	-1102	83	-3785	0	253	-480	310	-3842	0	4006	392	717	0	0	272
273	-1117	478	507	-460	539	-1149	82	-4011	0	53	-577	134	-4092	0	4161	407	745	0	0	273
274	-956	353	507	-621	571	-1020	78	-3275	0	406	-777	564	-3432	0	3746	366	671	0	0	274
275	-956	387	463	-651	534	-1028	77	-3374	0	184	-817	563	-3552	0	3748	366	671	0	0	275
276	-729	270	385	-669	476	-822	74	-2504	0	303	-834	532	-2733	0	3034	296	543	0	0	276
277	-656	362	193	-775	343	-358	74	-1104	0	-488	-964	-76	-2947	0	2909	284	520	0	0	277
278	-319	126	159	-284	198	-287	67	-900	0	-164	-360	174	-1047	0	1039	101	185	0	0	278
279	-227	129	62	-291	123	-287	67	-900	0	73	-233	174	-469	0	576	56	101	0	0	279
280	-109	37	62	-184	102	-149	66	-369	0	473	-211	483	-3500	0	4165	407	745	0	0	280
281	-1134	416	604	-169	608	-1139	82	-3890	0	405	-193	414	-3730	0	3954	386	708	0	0	281
282	-1080	403	566	-153	569	-1083	87	-3721	0	380	-478	434	-3787	0	4022	393	720	0	0	282
283	-1080	407	561	-130	582	-1101	83	-3732	0	420	-578	510	-3311	0	3594	351	643	0	0	283
284	-943	343	507	-462	543	-979	81	-3221	0	211	-614	390	-3496	0	3707	362	664	0	0	284
285	-943	376	463	-655	535	-1015	77	-3318	0	254	-641	400	-2554	0	2776	271	497	0	0	285
286	-698	263	362	-509	420	-756	77	-2408	0	171	-395	229	-2504	0	2626	257	470	0	0	286
287	-698	277	345	-313	368	-721	81	-2446	0	-172	-473	-55	-1820	0	1803	176	323	0	0	287
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289	-1028	378	546	-103	548	-1030	88	-3529	0	536	-167	543	-3443	0	3744	366	670	0	0	289
290	-1016	354	566	-134	581	-1037	87	-3436	0	510	-452	561	-3498	0	3811	372	682	0	0	290
291	-1016	358	561	-361	581	-1037	83	-3447	0	347	-420	397	-3156	0	3573	330	604	0	0	291
292	-902	336	474	-333	494	-922	83	-3106	0	217	-478	283	-3230	0	3381	330	605	0	0	292
293	-902	358	446	-380	472	-929	82	-3164	0	142	-558	249	-2762	0	2895	283	518	0	0	293
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295	-752	319	345	-250	359	-766	83	-2692	0	131	-283	154	-2414	0	2495	244	446	0	0	295
296	-678	276	326	-194	335	-687	84	-2391	0	538	-129	542	-3274	0	3460	338	619	0	0	296
297	-971	333	546	-103	548	-972	88	-3269	0	372	-255	390	-3255	0	3467	339	621	0	0	297
298	-942	332	519	-102	521	-943	87	-3195	0	374	-290	398	-3073	0	3290	321	589	0	0	298
299	-942	348	498	-203	505	-949	85	-3237	0	244	-348	280	-3142	0	3291	322	589	0	0	299
300	-889	326	474	-232	484	-899	85	-3048	0	244	-348	280	-3142	0	3291	322	589	0	0	300
301	-889	348	446	-278	460	-904	84	-3106	0	242	-301	271	-2876	0	3021	295	541	0	0	301
302	-818	317	413	-239	425	-829	84	-2947	0	97	-179	107	-2922	0	2978	291	533	0	0	302
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304	-770	348	326	-156	330	-774	86	-2806	0	680	-54	681	-3108	0	3499	342	626	0	0	304
305	-943	295	567	-44	567	-944	89	-3107	0	525	-53	526	-3068	0	3362	329	602	0	0	305
306	-913	309	519	-26	519	-913	89	-3068	0	430	-159	437	-3118	0	3358	328	601	0	0	306
307	-913	326	498	-128	500	-916	87	-2997	0	487	-128	492	-3002	0	3276	320	586	0	0	307
308	-889	306	500	-101	502	-891	87	-2997	0	223	-135	229	-3120	0	3241	317	580	0	0	308
309	-889	352	441	-107	443	-892	87	-3115	0	186	-156	193	-2977	0	3078	301	551	0	0	309
310	-845	339	413	-124	416	-848	87	-2969	0	41	-34	41	-3034	0	3055	298	547	0	0	310
311	-845	344	381	-27	381	-845	89	-3034	0	53	-33	53	-3020	0	3037	297	543	0	0	311
312	-840	365	377	-26	377	-840	89	-3019	0	53	-33	53	-3020	0	3037	297	543	0	0	312

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Data Documents Inc.

63	-2413	932	1256	210	1259	-2416	-88	-7504	0	-752	282	772	-7514	*	0	7924	775	1661	0	0	63
64	-2405	823	1342	1074	1454	-2480	-81	-7239	0	1274	1244	1453	-7418	*	0	8241	806	1726	0	0	64
65	-2229	793	1243	985	1312	-2297	-81	-6781	0	1018	1144	1182	-6946	*	0	7606	744	1593	0	0	65
66	-1945	619	1177	1338	1314	-2082	-78	-5708	0	1273	1521	1589	-6064	*	0	6995	684	1485	0	0	66
67	-1747	618	980	1109	1089	-1856	-78	-5307	0	828	1262	1078	-5557	*	0	6167	603	1291	0	0	67
68	-1510	527	856	1694	1128	-1742	-72	-4572	0	742	1418	1362	-5192	*	0	5991	586	1254	0	0	68
69	-1267	505	639	1105	788	-1415	-74	-3976	0	504	1254	646	-4318	*	0	4675	457	979	0	0	69
70	-1078	405	575	1112	745	-1247	-72	-3318	0	406	1259	791	-3704	*	0	4157	404	870	0	0	70
71	-950	404	449	409	478	-980	-71	-3037	0	121	463	148	-3104	*	0	3202	313	670	0	0	71
72	-833	395	342	454	384	-876	-79	-2762	0	-118	518	-20	-2860	*	0	2850	278	597	0	0	72
73	-2124	1160	678	-154	680	-2126	88	-7423	0	-1170	-207	-1163	-7430	*	0	6922	677	1449	0	0	73
74	-2042	1109	661	-119	682	-2044	88	-7112	0	-1054	-154	-1050	-7116	*	0	6653	651	1593	0	0	74
75	-2093	1110	710	-389	723	-2106	85	-7226	0	-947	-474	-912	-7262	*	0	6852	670	1434	0	0	75
76	-2240	1113	856	-251	861	-2245	87	-7547	0	-561	-298	-508	-7765	*	0	7501	714	1526	0	0	76
77	-2325	1106	950	-479	968	-2343	85	-7725	0	-340	-543	-300	-7765	*	0	7619	745	1594	0	0	77
78	-2257	996	1022	-231	1026	-2261	88	-7302	0	111	-250	120	-7310	*	0	7571	721	1542	0	0	78
79	-2313	999	1072	-287	1079	-2319	87	-7441	0	199	-302	211	-7453	*	0	7561	739	1583	0	0	79
80	-2431	939	1266	207	1269	-2434	88	-7565	0	773	266	781	-7573	*	0	7993	782	1673	0	0	80
81	-2418	934	1257	207	1260	-2421	88	-7531	0	743	270	751	-7540	*	0	7943	777	1664	0	0	81
82	-2214	784	1241	572	1265	-2238	85	-6724	0	1061	668	1118	-6781	*	0	7404	724	1550	0	0	82
83	-2126	798	1135	556	1159	-2149	84	-6565	0	774	647	831	-6622	*	0	7075	692	1482	0	0	83
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85	-1850	721	953	1003	1041	-1937	-79	-5778	0	518	1148	721	-5981	*	0	6373	623	1334	0	0	85
86	-1610	592	875	1095	990	-1726	-78	-4939	0	654	1244	919	-5204	*	0	5719	559	1197	0	0	86
87	-1465	603	716	751	779	-1527	-80	-4643	0	266	854	410	-4788	*	0	5016	489	1046	0	0	87
88	-1281	574	567	1025	699	-1413	-75	-4169	0	-23	1167	282	-4475	*	0	4623	452	968	0	0	88
89	-1159	573	446	357	466	-1179	-83	-3904	0	-295	406	-250	-3949	*	0	3830	374	802	0	0	89
90	-1144	519	499	265	511	-1156	-85	-3737	0	-30	324	-2	-3765	*	0	3764	368	788	0	0	90
91	-1987	1043	688	-135	690	-1989	88	-6840	0	-844	-162	-839	-6844	*	0	6465	632	1354	0	0	91
92	-2042	1047	739	-104	740	-2043	88	-6966	0	-724	-128	-721	-6968	*	0	6637	649	1389	0	0	92
93	-2091	1048	786	-361	797	-2102	86	-7079	0	-623	-434	-594	-7108	*	0	6830	668	1429	0	0	93
94	-2081	1002	835	-276	842	-2088	87	-6940	0	-369	-327	-352	-6956	*	0	6786	664	1420	0	0	94
95	-2155	1011	898	-422	913	-2169	85	-7126	0	-252	-491	-217	-7161	*	0	7055	690	1476	0	0	95
96	-2242	969	1039	-190	1041	-2244	88	-7216	0	190	-508	195	-7222	*	0	7322	716	1532	0	0	96
97	-2291	969	1087	-246	1092	-2296	88	-7334	0	285	-261	294	-7343	*	0	7494	733	1593	0	0	97
98	-2234	878	1144	21	1144	-2234	89	-6986	0	636	39	637	-6986	*	0	7325	716	1533	0	0	98
99	-2239	897	1125	48	1125	-2239	89	-7047	0	534	71	535	-7048	*	0	7330	717	1535	0	0	99
100	-2218	828	1190	517	1209	-2238	85	-6842	0	830	605	878	-6849	*	0	7364	720	1543	0	0	100
101	-2130	834	1093	493	1112	-2149	85	-6667	0	584	575	630	-6712	*	0	7049	689	1476	0	0	101
102	-1961	726	1060	726	1103	-2004	83	-6032	0	770	432	870	-6133	*	0	6611	646	1385	0	0	102
103	-1866	749	934	632	970	-1901	83	-5878	0	423	724	505	-5960	*	0	6229	609	1304	0	0	103
104	-1705	694	842	981	934	-1796	-79	-5389	0	335	1121	547	-5601	*	0	5894	576	1234	0	0	104
105	-1565	698	696	650	742	-1610	-81	-5092	0	-9	743	96	-5199	*	0	5248	513	1099	0	0	105
106	-1463	632	678	633	723	-1509	-81	-4709	0	113	720	218	-4814	*	0	4927	482	1032	0	0	106
107	-1394	641	597	257	605	-1403	-86	-4580	0	-43	292	-74	-4599	*	0	4562	446	955	0	0	107
108	-1298	642	499	271	509	-1308	-85	-4372	0	-329	310	-306	-4395	*	0	4250	415	890	0	0	108
109	-1487	986	759	-129	761	-1989	88	-6706	0	-537	-155	-533	-6710	*	0	6459	632	1352	0	0	109
110	-1476	974	764	-114	765	-1978	88	-6651	0	-492	-139	-489	-6654	*	0	6423	628	1345	0	0	110
111	-2009	975	796	-293	804	-2017	86	-6725	0	-421	-348	-401	-6744	*	0	6552	641	1371	0	0	111
112	-2070	962	874	-226	878	-2075	87	-6828	0	-197	-265	-186	-6839	*	0	6744	660	1412	0	0	112
113	-2137	968	934	-367	945	-2148	86	-6991	0	-74	-426	-48	-7017	*	0	6993	684	1463	0	0	113
114	-2099	900	942	-229	986	-2103	87	-6736	0	214	-262	224	-6746	*	0	6861	671	1436	0	0	114
115	-2163	940	995	-214	998	-2167	88	-6984	0	129	-239	137	-6992	*	0	7062	691	1478	0	0	115
116	-2206	885	1107	35	1107	-2206	89	-6946	0	524	53	525	-6947	*	0	7223	706	1512	0	0	116
117	-2205	894	1093	50	1093	-2205	89	-6970	0	458	72	459	-6971	*	0	7211	705	1510	0	0	117
118	-2106	813	1096	255	1102	-2111	87	-6555	0	663	301	676	-6568	*	0	6931	678	1451	0	0	118
119	-2044	844	995	267	1001	-2050	87	-6497	0	344	311	358	-6511	*	0	6698	655	1403	0	0	119
120	-1973	780	1004	637	1038	-2007	83	-6188	0	509	734	589	-6268	*	0	6582	644	1378	0	0	120
121	-1879	793	893	538	919	-1904	84	-6010	0	224	618	289	-6070	*	0	6218	608	1302	0	0	121
122	-1746	714	858	592	892	-1779	83	-5526	0	359	677	416	-5604	*	0	5823	569	1219	0	0	122
123	-1669	743	746	423	764	-1688	84	-5427	0	9	483	52	-5470	*	0	5496	537	1151	0	0	123
124	-1558	718	665	561	700	-1593	82	-5122	0	-123	641	-42	-5203	*	0	5182	507	1085	0	0	124
125	-1492	723	593	200	598	-1497	87	-4990	0	-300	228	-289	-5002	*	0	4863	475	1018	0	0	125
126	-1486	691	627	153	630	-1489	87	-4899	0	-138	174	-132	-4906	*	0	4841	473	1013	0	0	126
127	-1973	923	824	-68	825	-1973	89	-6523	0	-229	-80	-228	-6524	*	0	6413	627	1343	0	0	127
128	-1927	923	779	-77	780	-1928	89	-6422	0	-356	-90	-355	-6423	*	0	6262	612	1311	0	0	128

133	-2000	944	824	-250	830	-2005	87	-6636	0	-264	-245	-214	-6650	0	6517	637	1364	0	133
134	-1977	944	860	-147	863	-1940	84	-6471	0	-83	-221	-76	-6474	0	6441	630	1344	0	134
135	-2103	930	946	-254	951	-2108	87	-6431	0	33	-295	46	-6443	0	6467	671	1437	0	135
136	-1983	903	860	-223	864	-1987	87	-6497	0	-97	-261	-86	-6504	0	6445	632	1353	0	136
137	-2116	877	1026	-125	1027	-2114	88	-6736	0	344	-142	347	-6739	0	6914	677	1448	0	137
138	-2044	916	956	-216	950	-2086	87	-6752	0	76	-244	45	-6761	0	6404	665	1424	0	138
139	-2022	857	1032	-226	1035	-2026	87	-6780	0	221	267	232	-6790	0	6609	646	1364	0	139
140	-2100	860	1026	-10	1026	-2103	88	-6660	0	391	232	599	-6664	0	6476	672	1440	0	140
141	-1989	865	1026	-10	1026	-1989	89	-6664	0	344	232	599	-6664	0	6476	672	1440	0	141
142	-1547	734	627	148	630	-1549	88	-5144	0	-255	164	-244	-5154	0	5033	442	1054	0	142
143	-1542	769	636	154	638	-1549	88	-5314	0	-305	154	-300	-5324	0	5180	506	1045	0	143
144	-1623	722	726	361	740	-1637	85	-5274	0	14	409	44	-5306	0	5330	521	1116	0	144
145	-1710	795	722	270	730	-1718	86	-5641	0	-167	308	-150	-5658	0	5544	546	1169	0	145
146	-1885	847	832	310	841	-1894	86	-6153	0	173	596	233	-6174	0	5857	573	1227	0	146
147	-1901	854	839	-98	840	-1902	88	-6203	0	-42	356	-22	-6214	0	6163	603	1291	0	147
148	-1927	867	824	-77	825	-1928	89	-6338	0	-147	90	-146	-6349	0	6268	615	1317	0	148
149	-1889	867	811	-61	811	-1889	89	-6206	0	-130	-73	-130	-6207	0	6143	601	1286	0	149
150	-1869	843	820	-93	821	-1870	88	-6108	0	-56	-108	-54	-6110	0	6083	595	1274	0	150
151	-2031	869	951	-176	954	-2034	88	-6522	0	199	-204	205	-6529	0	6634	649	1388	0	151
152	-2033	898	916	-193	919	-2036	88	-6601	0	37	-225	45	-6608	0	6631	648	1388	0	152
153	-1959	877	869	-178	872	-1962	88	-6385	0	-18	-207	-11	-6391	0	6386	624	1337	0	153
154	-1959	875	871	-107	872	-1960	88	-6381	0	-9	-125	-7	-6384	0	6380	624	1336	0	154
155	-2071	879	978	-79	958	-2072	89	-6643	0	221	11	221	-6643	0	6756	661	1415	0	155
156	-2071	895	958	-79	958	-2072	89	-6643	0	140	-84	141	-6643	0	6756	661	1415	0	156
157	-2029	867	951	-116	952	-2030	88	-6515	0	204	-129	206	-6517	0	6623	648	1386	0	157
158	-1997	870	916	-120	917	-1998	88	-6451	0	112	-137	114	-6453	0	6512	637	1363	0	158
159	-2029	892	920	-94	921	-2030	89	-6577	0	63	-106	65	-6579	0	6612	647	1384	0	159
160	-1997	885	897	-67	897	-1997	89	-6448	0	27	-74	28	-6449	0	6503	636	1361	0	160
161	-1978	885	877	-70	878	-1978	89	-6448	0	-14	-81	-18	-6449	0	6440	630	1348	0	161
162	-1993	903	869	179	872	-1995	88	-6527	0	-96	204	-89	-6534	0	6440	635	1359	0	162
163	-1993	817	978	179	981	-1995	88	-6311	0	386	216	393	-6318	0	6523	638	1366	0	163
164	-1617	788	636	119	638	-1618	88	-5419	0	-352	136	-549	-5423	0	5257	514	1101	0	164
165	-1639	775	676	119	678	-1641	88	-5432	0	-217	137	-214	-5435	0	5331	521	1116	0	165
166	-1729	809	722	277	730	-1737	86	-5720	0	-207	316	-144	-5738	0	5646	552	1182	0	166
167	-1746	801	750	216	755	-1751	87	-5733	0	-112	294	-101	-5744	0	5694	557	1192	0	167
168	-1848	817	832	282	834	-1856	86	-6000	0	32	323	49	-6017	0	6042	591	1265	0	168
169	-1848	748	869	284	876	-1855	87	-5925	0	198	305	213	-5941	0	6050	592	1267	0	169
170	-2018	897	902	91	903	-2019	89	-6570	0	-2	109	-0	-6572	0	6572	643	1376	0	170
171	-2012	849	958	39	958	-2013	89	-6433	0	262	51	262	-6433	0	6568	642	1375	0	171
172	-2000	880	905	11	905	-2000	89	-6486	0	51	17	51	-6486	0	6512	637	1363	0	172
173	-2000	885	899	-30	900	-2000	89	-6495	0	31	-32	32	-6495	0	6511	637	1363	0	173
174	-2005	873	920	-46	920	-2005	89	-6475	0	114	-50	115	-6475	0	6533	639	1368	0	174
175	-2005	891	897	-23	897	-2005	89	-6520	0	13	-25	13	-6520	0	6527	638	1366	0	175
176	-2019	895	906	-31	906	-2019	89	-6563	0	24	-35	24	-6563	0	6575	643	1376	0	176
177	-1918	900	798	119	799	-1919	88	-6353	0	-251	139	-247	-6356	0	6236	610	1306	0	177
178	-1927	824	902	147	904	-1929	88	-6186	0	188	173	193	-6190	0	6289	615	1317	0	178
179	-1955	886	853	65	853	-1956	89	-6400	0	-82	79	-81	-6401	0	6361	622	1332	0	179
180	-1970	857	905	68	905	-1970	89	-6360	0	114	84	115	-6361	0	6419	628	1344	0	180
181	-1982	883	885	12	885	-1982	89	-6450	0	53	15	53	-6452	0	6452	631	1351	0	181
182	-1989	876	899	10	899	-1989	89	-6452	0	53	15	53	-6452	0	6474	633	1356	0	182
183	-1995	895	882	-23	882	-1995	89	-6510	0	-34	-26	-34	-6510	0	6492	635	1359	0	183
184	-2029	903	906	-0	906	-2029	89	-6602	0	6	4	6	-6602	0	6606	646	1343	0	184
185	-1668	837	626	3	626	-1668	89	-5643	0	-479	4	-479	-5643	0	5419	530	1135	0	185
186	-1722	841	676	59	676	-1723	89	-5775	0	-383	67	-382	-5776	0	5595	547	1172	0	186
187	-1722	837	681	42	682	-1722	89	-5761	0	-349	49	-348	-5761	0	5595	547	1172	0	187

195	-1805	846	750	124	752	-1805	-88	-5868	0	-224	108	-220	-5472	*	0	5865	573	1224	0	0	195
196	-1805	811	748	146	800	-1808	-88	-5886	0	-21	170	-17	-5881	*	0	5882	575	1232	0	0	196
197	-1869	910	737	-44	737	-1869	89	-6261	*	0	-404	-48	-6261	*	0	6069	593	1271	0	0	197
198	-1904	849	853	84	854	-1909	89	-6204	0	13	101	15	-6206	*	0	6213	608	1301	0	0	198
199	-1938	884	838	-37	838	-1938	89	-6353	0	-102	-39	-102	-6353	*	0	6302	616	1320	0	0	199
200	-1974	876	885	41	885	-1974	89	-6416	*	0	21	22	-6416	*	0	6427	624	1346	0	0	200
201	-1977	881	882	20	882	-1977	89	-6432	*	0	4	24	-6432	*	0	6434	629	1347	0	0	201
202	-1997	905	871	-18	871	-1997	89	-6536	0	-84	-19	-84	-6536	*	0	6494	635	1360	0	0	202
203	-1671	840	826	3	826	-1671	89	-6566	0	-845	-47	-845	-6566	*	0	6429	631	1137	0	0	203
204	-1641	849	875	-43	875	-1641	89	-5788	0	-711	-47	-711	-5788	*	0	5467	535	1145	0	0	204
205	-1681	845	840	-98	840	-1682	88	-5780	0	-644	-110	-642	-5783	*	0	5469	535	1145	0	0	205
206	-1769	874	881	-21	881	-1769	89	-5954	0	-443	-21	-443	-5954	*	0	5745	562	1203	0	0	206
207	-1769	830	737	-38	737	-1769	89	-5847	0	-202	-41	-201	-5848	*	0	5749	562	1204	0	0	207
208	-1836	940	867	-18	867	-1840	87	-6256	0	-629	-209	-621	-6264	*	0	5977	584	1252	0	0	208
209	-1836	896	722	-26	722	-1843	87	-6152	0	-395	-295	-380	-6167	*	0	5986	585	1253	0	0	209
210	-1973	912	838	-114	839	-1974	88	-6496	0	-170	-127	-168	-6499	*	0	6416	627	1343	0	0	210
211	-1973	886	871	-71	871	-1973	89	-6435	0	-31	-78	-31	-6435	*	0	6420	628	1344	0	0	211
212	-2070	906	944	-180	947	-2072	88	-6692	0	98	-205	104	-6694	*	0	6751	660	1414	0	0	212
213	-1626	845	575	-11	575	-1626	89	-5562	0	-804	-13	-604	-5562	*	0	5286	517	1107	0	0	213
214	-1638	897	522	-69	523	-1639	89	-5710	0	-848	-76	-847	-5711	*	0	5338	522	1114	0	0	214
215	-1630	845	580	-120	581	-1632	88	-5571	0	-594	-135	-591	-5575	*	0	5304	519	1111	0	0	215
216	-1672	918	530	-221	536	-1678	87	-5836	0	-880	-245	-864	-5848	*	0	5466	534	1144	0	0	216
217	-1707	838	667	-18	667	-1711	87	-5725	0	-572	-209	-564	-5733	*	0	5560	544	1164	0	0	217
218	-1702	924	642	-408	659	-1809	85	-6316	0	-636	-453	-599	-6353	*	0	5984	585	1253	0	0	218
219	-1875	927	722	-317	722	-1885	86	-6311	0	-467	-357	-445	-6332	*	0	6122	599	1282	0	0	219
220	-1940	983	717	-643	755	-1979	83	-6584	0	-608	-728	-521	-6671	*	0	6426	628	1346	0	0	220
221	-2286	1078	944	-393	956	-2298	86	-7580	0	-320	-448	-292	-7608	*	0	7466	730	1563	0	0	221
222	-1555	862	483	-68	484	-1556	89	-5442	0	-850	-76	-849	-5443	*	0	5073	496	1062	0	0	222
223	-1597	864	522	-65	523	-1597	89	-5540	0	-768	-73	-767	-5542	*	0	5200	508	1089	0	0	223
224	-1597	858	530	-176	534	-1600	87	-5525	0	-733	-198	-725	-5533	*	0	5209	509	1090	0	0	224
225	-1584	849	479	-214	485	-1590	87	-5568	0	-922	-237	-910	-5580	*	0	5186	507	1086	0	0	225
226	-1584	896	471	-579	511	-1624	82	-5583	0	-953	-649	-864	-5673	*	0	5294	518	1108	0	0	226
227	-1814	942	642	-521	670	-1842	83	-6206	0	-677	-588	-615	-6268	*	0	5984	585	1253	0	0	227
228	-1814	883	717	-708	765	-1843	82	-6058	0	-356	-611	-243	-6371	*	0	6054	592	1268	0	0	228
229	-2321	1268	741	-1190	853	-2432	79	-8101	0	-1238	-1334	-988	-8351	*	0	7904	773	1655	0	0	229
230	-1518	832	483	-68	484	-1518	89	-5288	0	-778	-76	-776	-5290	*	0	4947	484	1036	0	0	230
231	-1527	863	453	-107	455	-1529	88	-5385	0	-930	-121	-927	-5389	*	0	4990	488	1045	0	0	231
232	-1527	866	450	-111	452	-1529	88	-5390	0	-941	-126	-937	-5394	*	0	4991	488	1045	0	0	232
233	-1484	808	479	-183	484	-1488	87	-5157	0	-729	-206	-720	-5167	*	0	4847	474	1015	0	0	233
234	-1484	815	471	-548	508	-1522	82	-5171	0	-760	-617	-616	-5256	*	0	4953	484	1037	0	0	234
235	-1672	953	487	-720	546	-1731	80	-5918	0	-1063	-806	-932	-6048	*	0	5640	551	1181	0	0	235
236	-1672	752	741	-995	840	-1771	78	-5423	0	-36	-1127	-260	-5647	*	0	5741	565	1210	0	0	236
237	-2059	1240	515	-1596	742	-2286	74	-7451	0	-1693	-1788	-1183	-7961	*	0	7440	728	1558	0	0	237
238	-1429	803	430	-198	435	-1435	86	-5030	0	-849	-220	-837	-5042	*	0	4680	457	940	0	0	238
239	-1526	862	453	-96	454	-1527	88	-5379	0	-927	-109	-924	-5382	*	0	4984	487	1044	0	0	239
240	-1526	865	450	-100	452	-1527	88	-5384	0	-934	-114	-935	-5387	*	0	4986	487	1044	0	0	240
241	-1325	729	419	124	421	-1328	88	-4629	0	-704	118	-700	-4633	*	0	4325	423	906	0	0	241
242	-1325	579	607	-952	718	-1436	77	-4273	0	100	-1066	347	-4519	*	0	4702	460	984	0	0	242
243	-1509	823	487	-626	535	-1557	81	-5241	0	-741	-712	-631	-5251	*	0	5065	495	1061	0	0	243
244	-1509	807	505	-1067	638	-1642	76	-5224	0	-691	-1194	-396	-5320	*	0	5352	521	1116	0	0	244
245	-1361	683	515	-1259	706	-1553	73	-4574	0	-326	-1423	106	-5007	*	0	5061	495	1060	0	0	245
246	-1568	1079	222	-1976	660	-2006	66	-5997	0	-1994	-2205	-1017	-6975	*	0	6525	638	1366	0	0	246
247	-1294	695	430	-198	436	-1300	86	-4480	0	-594	-219	-582	-4492	*	0	4231	414	886	0	0	247
248	-1186	483	586	62	586	-1186	89	-3747	0	-252	62	-251	-3748	*	0	3881	379	812	0	0	248
249	-1186	529	528	-340	570	-1228	81	-3857	0	10	-605	103	-3950	*	0	4002	391	838	0	0	249
250	-1186	529	528	-340	570	-1228	81	-3857	0	10	-605	103	-3950	*	0	4002	391	838	0	0	250
251	-1854	1000	607	-695	656	-1902	82	-6448	0	-940	-778	-832	-6556	*	0	6182	604	1294	0	0	251
252	-1464	723	564	-242	571	-1471	86	-4925	0	-366	-284	-349	-4942	*	0	4777	467	1000	0	0	252
253	-1464	770	505	-941	612	-1570	77	-5035	0	-602	-1054	-364	-5273	*	0	5100	499	1068	0	0	253
254	-1274	594	530	-684	593	-1336	79	-4207	0	-146	-779	-2	-4351	*	0	4350	425	911	0	0	254
255	-1274	650	464	-1085	620	-1429	73	-4336	0	-433	-1224	-81	-4668	*	0	4648	454	973	0	0	255
256	-761	436	222	-1531	640	-1180	61	-2678	0	-417	-1722	512	-3607	*	0	3489	380	814	0	0	256
257	-686	467	105	-1081	379	-961	63	-2601	0	-824	-1216	-206	-3219	*	0	3121	305	653	0	0	257
258	-1361	623	586	-62	586	-1362	89	-4470	0	-90	-70	-88	-4471	*	0	4427	433	927	0	0	258
259	-1450	609	692	-88	693	-1450	88	-4636	0	183	-99	185	-4638	*	0	4734	463	991	0	0	259
260	-1351	661	528	-548	568	-1390	82	-4541	0	-314	-605	-229	-4626	*	0	4516	441	946	0	0	260

261	-1229	510	595	-304	607	-1241	85	-5912	0	196	-341	224	-3940	*	0	4057	347	849	0	0	261
262	-1253	555	564	-245	572	-1262	86	-4063	0	37	-275	55	-4082	*	0	4110	402	860	0	0	262
263	-1346	655	530	-713	595	-1411	79	-4517	0	-246	-792	-152	-4661	*	0	4587	448	869	0	0	263
264	-1174	486	570	-501	605	-1209	81	-3734	0	193	-566	273	-3614	*	0	3954	347	829	0	0	264
265	-1174	570	464	-1074	625	-1354	73	-3935	0	-242	-1202	114	-4292	*	0	4551	425	911	0	0	265
266	-869	352	433	-718	625	-962	75	-2734	0	196	-818	409	-2947	*	0	3112	310	664	0	0	266
267	-644	436	105	-1159	411	-955	61	-2459	0	-753	-1274	749	-1099	*	0	3105	303	650	0	0	267
268	-281	52	218	-671	387	-450	63	-719	0	410	-756	749	-1099	*	0	1642	160	544	0	0	268
269	-281	168	71	-306	129	-339	69	-1011	0	-221	-349	84	-1143	*	0	1102	107	230	0	0	269
270	-1345	525	692	-173	646	-1366	87	-4209	0	380	-194	388	-4217	*	0	4424	432	926	0	0	270
271	-1361	485	595	-426	682	-1223	83	-3783	0	274	-230	290	-4318	*	0	4471	437	936	0	0	271
272	-1198	549	677	-203	620	-1223	83	-4014	0	256	-480	312	-3440	*	0	4005	391	859	0	0	272
273	-1240	539	569	-512	604	-1275	82	-3721	0	48	-478	128	-4094	*	0	4160	407	871	0	0	273
274	-1062	396	570	-691	640	-1132	78	-3371	0	413	-776	361	-5553	*	0	3748	366	784	0	0	274
275	-1062	436	520	-724	599	-1141	77	-3375	0	143	-817	361	-5553	*	0	3034	246	635	0	0	275
276	-810	303	433	-744	536	-913	74	-2504	0	506	-831	533	-2732	*	0	2910	284	609	0	0	276
277	-728	409	218	-862	385	-895	68	-2581	0	-455	-962	805	-2951	*	0	1314	128	275	0	0	277
278	-354	141	178	-317	222	-397	74	-1100	0	99	-364	201	-1202	*	0	1039	101	217	0	0	278
279	-252	145	71	-324	138	-319	67	-801	0	-162	-359	16	-1047	*	0	579	56	121	0	0	279
280	-124	42	71	-208	116	-169	66	-380	0	74	-234	175	-471	*	0	4163	407	872	0	0	280
281	-1260	468	677	-189	682	-1265	87	-3890	0	473	-211	483	-3900	*	0	3954	386	828	0	0	281
282	-1199	453	635	-170	638	-1203	87	-3721	0	404	-193	413	-3730	*	0	4022	393	842	0	0	282
283	-1199	458	629	-423	653	-1233	83	-3733	0	378	-478	433	-3788	*	0	3594	351	752	0	0	283
284	-1047	385	569	-515	609	-1087	81	-3220	0	423	-577	512	-3310	*	0	3707	362	776	0	0	284
285	-1047	424	520	-727	600	-1127	77	-3319	0	210	-812	388	-3498	*	0	2776	271	561	0	0	285
286	-775	246	387	-567	471	-840	77	-2406	0	255	-642	402	-2553	*	0	2626	257	550	0	0	286
287	-493	312	387	-349	413	-801	81	-2406	0	-174	-473	37	-1821	*	0	1802	176	377	0	0	287
288	-1142	425	613	-115	614	-1143	88	-3530	0	418	-150	422	-3534	*	0	3763	366	784	0	0	288
289	-1129	398	635	-149	638	-1132	87	-3435	0	537	-167	544	-3442	*	0	3744	366	784	0	0	289
290	-1129	402	629	-402	651	-1152	83	-3447	0	511	-452	562	-3499	*	0	3811	372	794	0	0	290
291	-1129	402	629	-402	651	-1152	83	-3447	0	347	-421	597	-3156	*	0	3573	330	706	0	0	291
292	-1002	378	532	-372	554	-1024	83	-3106	0	216	-478	282	-3231	*	0	2895	283	606	0	0	292
293	-1002	403	501	-423	530	-1031	82	-3164	0	142	-558	250	-2762	*	0	2775	271	581	0	0	293
294	-835	344	407	-497	455	-883	79	-2654	0	58	-310	43	-2727	*	0	2495	244	522	0	0	294
295	-835	359	387	-278	403	-850	83	-2693	0	132	-244	156	-2414	*	0	3576	349	749	0	0	295
296	-752	310	367	-216	377	-763	84	-2390	0	538	-130	543	-3274	*	0	3460	338	724	0	0	296
297	-1078	374	613	-115	615	-1080	84	-3269	0	468	-128	472	-3199	*	0	3467	339	726	0	0	297
298	-1045	373	581	-113	583	-1047	87	-3145	0	372	-255	390	-3255	*	0	3290	321	689	0	0	298
299	-1045	392	558	-226	566	-1053	85	-3237	0	374	-290	399	-3072	*	0	3291	322	689	0	0	299
300	-988	366	532	-258	543	-999	85	-3048	0	244	-347	279	-3142	*	0	3021	295	632	0	0	300
301	-988	391	501	-310	517	-1004	84	-3107	0	242	-301	271	-2876	*	0	2978	291	623	0	0	301
302	-908	357	464	-267	477	-921	86	-2911	0	97	-179	108	-2922	*	0	2792	273	584	0	0	302
303	-908	386	428	-159	433	-912	86	-2911	0	60	-171	49	-2817	*	0	3499	342	732	0	0	303
304	-854	391	367	-151	371	-858	86	-2806	0	681	-54	681	-3108	*	0	3363	329	704	0	0	304
305	-1048	532	635	-49	635	-1048	89	-3107	0	525	-33	526	-3069	*	0	3358	328	703	0	0	305
306	-1015	348	581	-29	582	-1015	89	-3068	0	430	-159	437	-3118	*	0	3276	320	686	0	0	306
307	-1015	367	558	-142	561	-1018	87	-3111	0	487	-128	492	-3002	*	0	3241	317	674	0	0	307
308	-988	344	560	-113	562	-990	87	-3115	0	223	-135	229	-3120	*	0	3078	301	644	0	0	308
309	-988	396	495	-120	498	-990	87	-3115	0	186	-156	193	-2977	*	0	3055	294	639	0	0	309
310	-937	381	464	-138	467	-941	87	-2969	0	40	-34	41	-3034	*	0	3037	297	636	0	0	310
311	-937	409	428	-50	428	-932	89	-3019	0	35	-33	33	-3020	*	0	3037	297	636	0	0	311
312	-932	409	424	-29	424	-932	89	-3019	0	35	-33	33	-3020	*	0	3037	297	636	0	0	312

63	-2486	963	1298	219	1301	-2484	-88	-7502	0	764	285	774	-7512	*	0	7924	775	1755	0	0	63
64	-2478	851	1428	1113	1506	-2555	-81	-7237	0	1275	1248	1454	-7416	*	0	8241	806	1803	0	0	64
65	-2296	820	1244	1017	1355	-2366	-81	-6774	0	1016	1146	1183	-6943	*	0	7604	744	1663	0	0	65
66	-2004	640	1215	1380	1357	-2146	-78	-5746	0	1274	1522	1590	-6062	*	0	6994	684	1510	0	0	66
67	-1800	638	1012	1144	1124	-1912	-78	-5305	0	829	1263	1074	-5555	*	0	6166	603	1349	0	0	67
68	-1556	545	684	1747	1164	-1837	-72	-4569	0	742	1914	1363	-5190	*	0	5469	546	1310	0	0	68
69	-1304	521	660	1140	814	-1458	-74	-3973	0	304	1258	647	-4316	*	0	4673	457	1022	0	0	69
70	-1110	414	595	1147	770	-1285	-72	-3515	0	407	1259	793	-3702	*	0	4156	406	909	0	0	70
71	-974	417	464	422	495	-1004	-81	-3035	0	122	463	189	-3102	*	0	3201	313	700	0	0	71
72	-858	408	553	468	597	-902	-79	-2760	0	-114	518	-20	-2458	*	0	2844	278	623	0	0	72
73	-2168	1200	701	-164	704	-2191	88	-7426	0	-1175	-208	-1168	-7433	*	0	6923	677	1514	0	0	73
74	-2104	1148	684	-124	685	-2106	88	-7115	0	-1057	-156	-1053	-7119	*	0	6653	651	1455	0	0	74
75	-2157	1149	735	-403	749	-2171	85	-7230	0	-951	-476	-915	-7266	*	0	6854	670	1499	0	0	75
76	-2310	1152	687	-260	892	-2315	87	-7551	0	-561	-299	-508	-7564	*	0	7305	714	1596	0	0	76
77	-2398	1145	984	-495	1002	-2416	85	-7729	0	-339	-543	-299	-7768	*	0	7623	745	1666	0	0	77
78	-2328	1030	1058	-238	1062	-2332	88	-7304	0	115	-250	123	-7312	*	0	7375	721	1612	0	0	78
79	-2384	1033	1110	-295	1116	-2390	87	-7443	0	202	-301	213	-7455	*	0	7564	740	1634	0	0	79
80	-2507	971	1310	216	1313	-2510	-88	-7566	0	775	269	784	-7575	*	0	7996	782	1749	0	0	80
81	-2491	965	1299	215	1303	-2494	-88	-7531	0	743	273	752	-7540	*	0	7943	777	1738	0	0	81
82	-2282	810	1283	591	1307	-2307	-83	-6723	0	1063	669	1121	-6780	*	0	7404	724	1620	0	0	82
83	-2190	825	1173	575	1197	-2215	-84	-6564	0	775	649	832	-6621	*	0	7074	692	1548	0	0	83
84	-2094	746	1178	1260	1295	-2216	-79	-6195	0	943	1397	1206	-6459	*	0	7139	698	1562	0	0	84
85	-1905	745	985	1036	1075	-1995	-79	-5776	0	518	1149	721	-5980	*	0	6371	623	1333	0	0	85
86	-1659	612	904	1130	1023	-1778	-77	-4937	0	656	1245	920	-5202	*	0	5718	559	1251	0	0	86
87	-1509	623	740	775	805	-1574	-80	-4641	0	267	854	411	-4786	*	0	5004	489	1094	0	0	87
88	-1319	594	586	1057	722	-1456	-75	-4167	0	-23	1167	282	-4473	*	0	4621	452	1011	0	0	88
89	-1194	592	461	368	481	-1214	-83	-3902	0	-296	406	-251	-3948	*	0	3828	374	837	0	0	89
90	-1178	536	516	294	529	-1191	-85	-3735	0	-29	324	-1	-3765	*	0	3762	368	823	0	0	90
91	-2047	1074	712	-140	714	-2049	88	-6841	0	-847	-162	-842	-6846	*	0	6466	632	1414	0	0	91
92	-2104	1083	764	-107	765	-2105	88	-6968	0	-725	-129	-723	-6970	*	0	6638	649	1452	0	0	92
93	-2155	1085	813	-173	825	-2167	86	-7081	0	-625	-336	-596	-7111	*	0	6611	646	1446	0	0	93
94	-2145	1037	865	-286	872	-2152	87	-6942	0	-368	-328	-352	-6958	*	0	6789	664	1484	0	0	94
95	-2221	1046	930	-436	945	-2237	85	-7129	0	-252	-492	-217	-7164	*	0	7058	690	1543	0	0	95
96	-2311	1002	1075	-196	1078	-2314	88	-7218	0	192	-208	197	-7224	*	0	7325	716	1601	0	0	96
97	-2362	1002	1125	-253	1129	-2367	88	-7335	0	286	-260	295	-7344	*	0	7496	733	1639	0	0	97
98	-2303	908	1183	22	1184	-2303	-89	-6984	0	639	40	639	-6987	*	0	7327	717	1602	0	0	98
99	-2306	927	1163	50	1163	-2306	-89	-7048	0	535	72	536	-7048	*	0	7331	717	1604	0	0	99
100	-2286	856	1230	534	1250	-2306	-85	-6842	0	832	607	879	-6849	*	0	7369	721	1612	0	0	100
101	-2195	863	1129	510	1149	-2214	-85	-6666	0	584	577	630	-6712	*	0	7048	689	1542	0	0	101
102	-2021	750	1095	749	1140	-2066	-83	-6031	0	771	833	872	-6132	*	0	6611	646	1446	0	0	102
103	-1922	775	966	653	1002	-1959	-83	-5877	0	424	725	506	-5959	*	0	6228	609	1362	0	0	103
104	-1756	717	871	1013	965	-1851	-79	-5388	0	335	1122	547	-5600	*	0	5893	576	1249	0	0	104
105	-1612	722	719	671	767	-1659	-81	-5091	0	113	721	219	-4813	*	0	5246	513	1147	0	0	105
106	-1507	654	701	653	748	-1555	-81	-4707	0	113	721	219	-4813	*	0	4926	482	1077	0	0	106
107	-1436	663	617	265	626	-1445	-86	-4579	0	-94	292	-74	-4594	*	0	4561	446	997	0	0	107
108	-1337	664	516	280	527	-1347	-85	-4370	0	-330	310	-306	-4394	*	0	4249	415	929	0	0	108
109	-2047	1020	786	-133	787	-2049	88	-6707	0	-539	-156	-535	-6711	*	0	6460	632	1413	0	0	109
110	-2036	1008	790	-118	792	-2038	88	-6652	0	-493	-140	-490	-6656	*	0	6424	628	1405	0	0	110
111	-2070	1004	824	-303	832	-2078	86	-6726	0	-422	-350	-403	-6746	*	0	6553	641	1433	0	0	111
112	-2134	996	904	-233	909	-2159	87	-6830	0	-197	-266	-186	-6841	*	0	6749	660	1476	0	0	112
113	-2203	1001	967	-360	974	-2214	86	-6993	0	-74	-427	-48	-7014	*	0	6995	684	1529	0	0	113
114	-2163	930	1016	-236	1020	-2168	87	-6737	0	216	-263	226	-6747	*	0	6863	671	1501	0	0	114
115	-2230	972	1029	-221	1033	-2233	88	-6986	0	129	-239	137	-6994	*	0	7064	691	1545	0	0	115
116	-2274	915	1145	36	1145	-2274	-89	-6947	0	526	54	526	-6948	*	0	7225	707	1580	0	0	116
117	-2272	925	1130	52	1130	-2272	-89	-6971	0	459	73	459	-6971	*	0	7212	705	1577	0	0	117
118	-2170	841	1134	264	1139	-2176	-87	-6555	0	665	301	678	-6567	*	0	6931	678	1516	0	0	118
119	-2106	873	1029	276	1035	-2112	-87	-6497	0	344	312	358	-6511	*	0	6698	655	1465	0	0	119
120	-2033	806	1037	658	1072	-2068	-83	-6187	0	510	736	589	-6267	*	0	6582	644	1440	0	0	120
121	-1935	819	923	555	950	-1962	-84	-6009	0	224	619	285	-6070	*	0	6217	608	1360	0	0	121
122	-1799	738	887	611	922	-1833	-83	-5525	0	340	678	417	-5602	*	0	5822	569	1273	0	0	122
123	-1720	768	771	437	790	-1739	-84	-5426	0	9	484	52	-5469	*	0	5496	537	1202	0	0	123
124	-1605	742	688	579	724	-1641	-82	-5121	0	123	641	-42	-5202	*	0	5181	506	1133	0	0	124
125	-1537	747	613	207	618	-1542	-87	-4989	0	-301	228	-290	-5001	*	0	4862	475	1063	0	0	125
126	-1531	714	648	158	651	-1534	-87	-4898	0	-138	175	-131	-4905	*	0	4840	473	1058	0	0	126
127	-2033	955	853	-70	853	-2033	89	-6524	0	229	-81	228	-6525	*	0	64	627	1403	0	0	127
128	-1986	954	806	-80	806	-1986	89	-6423	0	-337	-90	-335	-6424	*	0	6263	612	1370	0	0	128

195	-1858	875	776	135	777	-1859	-88	-5968	0	-225	148	-221	-5972	0	5864	573	1263	0	195
196	-1860	838	825	151	827	-1862	-88	-5885	0	-21	170	-16	-5890	0	5862	575	1266	0	196
197	-1925	941	762	45	762	-1925	89	-6262	0	-405	48	-405	-6262	0	6070	543	1328	0	197
198	-1966	877	882	87	883	-1967	89	-6204	0	14	102	15	-6205	0	6213	608	1359	0	198
199	-1997	914	867	38	867	-1997	89	-6353	0	-102	32	-102	-6353	0	6303	616	1379	0	199
200	-2034	906	915	43	915	-2034	89	-6416	0	21	52	22	-6416	0	6427	628	1406	0	200
201	-2037	911	912	20	912	-2037	89	-6432	0	4	24	5	-6432	0	6435	629	1407	0	201
202	-2057	936	900	-19	900	-2057	89	-6537	0	-84	-19	-84	-6537	0	6495	635	1421	0	202
203	-1722	869	648	3	648	-1722	84	-5655	0	-485	4	-485	-5655	0	5474	531	1167	0	203
204	-1731	919	596	-44	596	-1732	84	-5788	0	-711	-47	-711	-5788	0	5467	534	1196	0	204
205	-1731	916	600	-101	601	-1733	88	-5780	0	-945	-110	-692	-5782	0	5469	535	1196	0	205
206	-1822	904	705	-22	705	-1822	89	-5954	0	-484	-21	-484	-5954	0	5745	562	1257	0	206
207	-1822	858	762	-39	762	-1822	89	-5807	0	-201	-41	-201	-5847	0	5744	562	1257	0	207
208	-1842	972	690	-195	693	-1845	87	-6256	0	-630	-204	-622	-6264	0	5977	584	1307	0	208
209	-1842	926	747	-269	754	-1848	87	-6152	0	-355	-295	-340	-6167	0	5986	585	1309	0	209
210	-2032	943	867	-118	866	-2034	88	-6437	0	-170	-127	-138	-6499	0	6417	627	1403	0	210
211	-2032	917	900	-73	901	-2033	89	-6435	0	-31	-78	-30	-6436	0	6420	628	1404	0	211
212	-2133	937	976	-186	979	-2136	88	-6692	0	94	-205	105	-6694	0	6752	660	1477	0	212
213	-1675	874	596	-12	596	-1675	89	-5562	0	-604	-13	-604	-5562	0	5286	517	1156	0	213
214	-1687	928	541	-71	541	-1688	89	-5710	0	-848	-76	-847	-5711	0	5338	522	1167	0	214
215	-1679	874	600	-124	602	-1681	88	-5571	0	-584	-135	-590	-5575	0	5304	519	1160	0	215
216	-1723	950	549	-227	555	-1729	87	-5836	0	-880	-244	-868	-5848	0	5466	534	1195	0	216
217	-1759	866	690	-194	694	-1763	87	-5724	0	-371	-209	-362	-5732	0	5576	544	1216	0	217
218	-1846	956	665	-420	682	-1863	85	-6116	0	-636	-453	-599	-6153	0	5876	575	1285	0	218
219	-1931	958	747	-327	757	-1941	86	-6310	0	-467	-357	-405	-6332	0	6121	599	1339	0	219
220	-1999	1017	742	-664	781	-2038	83	-6584	0	-609	-728	-521	-6671	0	6426	628	1406	0	220
221	-2355	1115	976	-406	989	-2368	86	-7582	0	-321	-448	-293	-7609	0	7467	730	1633	0	221
222	-1622	892	501	-70	501	-1603	89	-5442	0	-850	-76	-848	-5443	0	5203	496	1109	0	222
223	-1645	894	541	-67	541	-1645	89	-5540	0	-768	-73	-767	-5542	0	5209	508	1137	0	223
224	-1645	887	549	-162	553	-1649	87	-5525	0	-732	-198	-724	-5533	0	5185	509	1139	0	224
225	-1632	919	497	-221	502	-1638	87	-5568	0	-922	-236	-910	-5580	0	5185	507	1134	0	225
226	-1632	926	488	-597	529	-1673	82	-5583	0	-953	-649	-863	-5628	0	5294	518	1158	0	226
227	-1849	974	665	-538	693	-1897	83	-6206	0	-677	-588	-615	-6268	0	5984	585	1304	0	227
228	-1869	913	742	-730	792	-1919	82	-6057	0	-554	-812	-641	-6170	0	6053	592	1324	0	228
229	-2391	1312	767	-1227	882	-2506	79	-8103	0	-1282	-1333	-942	-8553	0	7904	773	1729	0	229
230	-1564	860	501	-70	501	-1564	89	-5288	0	-931	-121	-927	-5389	0	4990	488	1091	0	230
231	-1573	893	470	-111	471	-1575	88	-5386	0	-941	-126	-938	-5394	0	4991	488	1092	0	231
232	-1573	895	467	-115	468	-1575	88	-5390	0	-728	-206	-719	-5166	0	4984	474	1060	0	232
233	-1529	836	497	-189	501	-1533	87	-5157	0	-759	-617	-675	-5256	0	4953	484	1083	0	233
234	-1529	843	488	-566	527	-1568	82	-5171	0	-1064	-805	-934	-6049	0	5640	551	1234	0	234
235	-1723	985	505	-743	565	-1783	80	-5420	0	-41	-1127	-265	-5644	0	5781	565	1264	0	235
236	-1723	776	767	-1027	869	-1825	78	-7452	0	-1698	-1788	-1188	-7963	0	7440	728	1628	0	236
237	-2121	1282	533	-1645	788	-2355	74	-7452	0	-849	-220	-838	-5042	0	4679	457	1023	0	237
238	-1472	831	445	-204	451	-1478	86	-5030	0	-927	-109	-925	-5382	0	4984	487	1090	0	238
239	-1572	892	470	-99	471	-1573	88	-5379	0	-938	-114	-935	-5387	0	4986	487	1090	0	239
240	-1572	894	467	-103	468	-1573	88	-5384	0	-704	-117	-701	-4633	0	4325	423	946	0	240
241	-1365	754	434	127	436	-1368	88	-4630	0	103	-1065	349	-4517	0	4702	460	1028	0	241
242	-1365	598	628	-882	743	-1480	77	-4271	0	-740	-712	-630	-5351	0	5065	495	1108	0	242
243	-1555	851	505	-646	554	-1604	81	-5240	0	-692	-1194	-397	-5320	0	5332	521	1166	0	243
244	-1555	834	523	-1100	660	-1691	76	-5225	0	-322	-1424	110	-5004	0	5060	495	1107	0	244
245	-1402	705	533	-1299	731	-1600	73	-4571	0	-1994	-2204	-1023	-6977	0	6526	638	1424	0	245
246	-1615	1117	231	-2037	683	-2067	66	-6001	0	-594	-219	-582	-6493	0	4232	414	925	0	246
247	-1334	719	445	-204	451	-1340	86	-4480	0	254	61	254	-3747	0	3881	379	849	0	247
248	-1222	499	606	-63	606	-1222	89	-3746	0	11	-605	103	-3949	0	4002	391	875	0	248
249	-1222	547	546	-557	589	-1265	81	-3857	0	-945	-777	-837	-6558	0	4002	391	875	0	249
250	-1222	547	546	-557	589	-1265	81	-3857	0	-945	-777	-837	-6558	0	4002	391	875	0	250
251	-1910	1035	628	-717	678	-1959	82	-6450	0	-367	-285	-349	-4943	0	4777	467	1045	0	251
252	-1508	797	584	-250	591	-1515	86	-4925	0	-602	-1053	-365	-5273	0	4350	425	951	0	252
253	-1508	797	584	-250	591	-1515	86	-4925	0	-602	-1053	-365	-5273	0	4350	425	951	0	253
254	-1312	619	548	-706	613	-1377	79	-4206	0	-145	-179	-1	-4351	0	4350	425	951	0	254
255	-1312	619	548	-706	613	-1377	79	-4206	0	-145	-179	-1	-4351	0	4350	425	951	0	255
256	-1312	619	548	-706	613	-1377	79	-4206	0	-145	-179	-1	-4351	0	4350	425	951	0	256
257	-1312	619	548	-706	613	-1377	79	-4206	0	-145	-179	-1	-4351	0	4350	425	951	0	257
258	-1402	644	606	-64	606	-1403	89	-4470	0	-90	-70	-89	-4471	0	4427	433	968	0	258
259	-1493	630	715	-91	716	-1494	88	-44636	0	183	-99	185	-4638	0	4733	463	1035	0	259
260	-1392	683	546	-565	587	-1432	82	-4542	0	-316	-604	-231	-4627	0	4516	441	988	0	260

261	-1266	527	615	-314	628	-1274	85	-5911	0	196	-341	225	-5940	0	4057	397	887	0	0	261
262	-1242	574	544	-252	592	-1500	86	-4063	0	38	-274	56	-4041	0	4110	402	899	0	0	262
263	-1387	678	548	-735	616	-1454	79	-4519	0	-297	-792	-154	-4662	0	4587	448	1003	0	0	263
264	-1210	502	549	-517	626	-1246	81	-4313	0	193	-366	273	-3414	0	3958	387	866	0	0	264
265	-1210	590	480	-1108	646	-1375	73	-3936	0	-242	-1202	114	-4293	0	4351	425	952	0	0	265
266	-868	363	447	-741	543	-984	75	-2460	0	197	-818	411	-2946	0	3172	310	693	0	0	266
267	-668	452	109	-1175	425	-984	61	-2460	0	-753	-1274	-73	-3141	0	3105	303	679	0	0	267
268	-290	53	225	-693	400	-464	63	-718	0	412	-757	792	-1097	0	1644	160	359	0	0	268
269	-290	174	74	-318	134	-544	64	-1012	0	-222	-350	589	-1144	0	1103	107	241	0	0	269
270	-1586	543	715	-178	719	-1340	87	-4209	0	380	-194	348	-4217	0	4424	432	968	0	0	270
271	-1403	568	700	-210	705	-1408	87	-4307	0	278	-481	289	-4514	0	4471	437	974	0	0	271
272	-1234	502	615	-440	640	-1260	85	-3782	0	257	-481	313	-3859	0	4005	391	876	0	0	272
273	-1277	557	588	-528	624	-1314	82	-4014	0	46	-578	127	-4095	0	4160	407	910	0	0	273
274	-1094	409	589	-713	662	-1176	78	-3270	0	414	-776	371	-3427	0	3746	366	819	0	0	274
275	-1094	450	537	-748	619	-1176	77	-3375	0	182	-817	361	-3554	0	3746	366	819	0	0	275
276	-834	313	447	-768	554	-941	74	-2504	0	307	-831	534	-2731	0	4034	296	663	0	0	276
277	-750	423	225	-889	398	-922	68	-2582	0	-457	-961	-87	-2953	0	2910	284	636	0	0	277
278	-364	146	185	-328	230	-409	74	-1098	0	100	-365	203	-1201	0	1314	128	287	0	0	278
279	-260	150	74	-334	143	-329	67	-901	0	-162	-359	-16	-1047	0	1040	101	227	0	0	279
280	-128	44	74	-216	121	-175	66	-371	0	74	-235	175	-472	0	580	56	127	0	0	280
281	-1298	484	700	-195	705	-1503	87	-3890	0	473	-211	483	-3900	0	4163	407	910	0	0	281
282	-1235	469	656	-176	660	-1239	87	-3721	0	404	-193	413	-3750	0	3953	386	865	0	0	282
283	-1235	474	649	-437	674	-1260	83	-3733	0	378	-478	433	-3788	0	4022	393	880	0	0	283
284	-1079	398	588	-531	629	-1120	81	-3220	0	423	-577	513	-3309	0	3593	351	786	0	0	284
285	-1079	438	537	-750	620	-1162	77	-3320	0	209	-812	387	-3498	0	3707	362	811	0	0	285
286	-799	322	400	-360	427	-825	77	-2406	0	255	-642	402	-2553	0	2777	271	607	0	0	286
287	-799	322	400	-360	427	-825	77	-2406	0	171	-595	230	-2504	0	2627	257	574	0	0	287
288	-508	261	185	-435	247	-571	73	-1644	0	-174	-473	-38	-1821	0	1802	176	394	0	0	288
289	-1176	439	633	-118	635	-1178	88	-3530	0	418	-130	422	-3534	0	3763	368	823	0	0	289
290	-1164	411	656	-154	659	-1167	87	-3435	0	537	-167	544	-3442	0	3744	366	819	0	0	290
291	-1164	416	649	-415	673	-1187	83	-3408	0	511	-452	562	-3499	0	3811	372	833	0	0	291
292	-1032	390	550	-384	573	-1055	83	-3106	0	347	-421	397	-3156	0	3373	330	737	0	0	292
293	-1032	417	517	-837	548	-1063	82	-3164	0	216	-478	282	-3231	0	3381	330	739	0	0	293
294	-860	356	420	-512	470	-910	79	-2654	0	143	-558	250	-2762	0	2895	283	633	0	0	294
295	-860	372	400	-287	416	-876	83	-2693	0	54	-310	92	-2727	0	2775	271	607	0	0	295
296	-775	321	379	-223	390	-786	84	-2390	0	135	-244	136	-2414	0	2486	244	546	0	0	296
297	-1111	387	633	-118	635	-1113	88	-3195	0	538	-130	543	-3274	0	3577	350	782	0	0	297
298	-1077	386	601	-117	603	-1080	87	-3195	0	467	-129	472	-3199	0	3460	338	757	0	0	298
299	-1077	405	577	-234	585	-1086	85	-3238	0	372	-255	390	-3256	0	3467	339	758	0	0	299
300	-1018	379	550	-266	561	-1029	85	-3048	0	374	-289	399	-3072	0	3290	321	719	0	0	300
301	-1018	405	517	-320	534	-1034	84	-3107	0	243	-347	279	-3142	0	3291	322	720	0	0	301
302	-935	369	479	-275	493	-949	84	-2846	0	242	-301	272	-2876	0	3021	295	660	0	0	302
303	-935	399	443	-164	447	-940	86	-2911	0	97	-179	108	-2922	0	2978	291	651	0	0	303
304	-880	404	379	-156	384	-884	86	-2806	0	-60	-171	-49	-2817	0	2742	273	610	0	0	304
305	-1080	343	655	-50	656	-1040	89	-3107	0	681	-54	682	-3108	0	3499	342	765	0	0	305
306	-1046	360	601	-30	601	-1046	89	-3068	0	525	-33	526	-3069	0	3363	329	735	0	0	306
307	-1046	379	577	-147	580	-1049	87	-3111	0	430	-159	437	-3118	0	3358	328	734	0	0	307
308	-1018	355	578	-117	581	-1020	87	-2997	0	487	-128	492	-3002	0	3276	320	716	0	0	308
309	-1018	409	512	-124	514	-1020	87	-3115	0	223	-155	229	-3120	0	3241	317	709	0	0	309
310	-966	394	479	-143	483	-970	87	-2969	0	186	-156	193	-2977	0	3078	301	673	0	0	310
311	-966	423	443	-31	443	-966	89	-3034	0	40	-34	41	-3034	0	3055	298	668	0	0	311
312	-960	423	438	-30	438	-961	89	-3019	0	53	-33	53	-3020	0	3037	297	664	0	0	312

OUTPUT TAPE 9 HAS BEEN UPDATED THROUGH TIME STEP 72

INPUT TAPE 14 CONTAINS TIME STEP 40

RESTART NEXT RUN EITHER FROM TIME STEP 73 USING 9 AS INPUT TAPE, OR FROM TIME STEP 1 USING 14 AS INPUT TAPE
 THE PROBLEM CAN BE REINITIALIZED BY SIMPLY SETTING N7=2 AND REDEFINING THE DIM(1) ARRAY
 ALL OTHER PARAMETERS HAVE THE SAME MEANING AS IN A NORMAL RESTART RUN

TIME LOG FOR PROBLEM (SECONDS)

TIME 91 = 50000.000HOURS AT PRESSURE = -.1670 0.0000 0.0000 AND AT TEMPERATURE= 1.0000

NODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	.5812E-03	2	0.	.1245E-03	3	0.	.3090E-03	4	0.	.4484E-03	5	0.	.5267E-03
5	0.	.6745E-03	6	0.	.8218E-03	7	0.	.9409E-03	8	0.	.1037E-02	9	0.	.1231E-02
9	0.	.1081E-02	10	0.	.1111E-02	11	0.	.1112E-02	12	0.	.1271E-02	13	0.	.1490E-02
13	0.	.2705E-03	14	0.	.4375E-03	15	0.	.5952E-03	16	0.	.7634E-03	17	0.	.1083E-03
17	0.	.9074E-03	18	0.	.1022E-02	19	0.	.1102E-02	20	0.	.1215E-02	21	0.	.1411E-02
21	0.	.1242E-03	22	0.	.1247E-03	23	0.	.2697E-03	24	0.	.4134E-03	25	0.	.5073E-04
25	0.	.4666E-03	26	0.	.1247E-03	27	0.	.9004E-03	28	0.	.1024E-02	29	0.	.5073E-04
29	0.	.2596E-03	30	0.	.1142E-02	31	0.	.5930E-03	32	0.	.5188E-03	33	0.	.4942E-03
33	0.	.2221E-04	34	0.	.4360E-03	35	0.	.1146E-02	36	0.	.2053E-04	37	0.	.1893E-03
37	0.	.4523E-03	38	0.	.1061E-02	39	0.	.3076E-03	40	0.	.7701E-02	41	0.	.4048E-03
41	0.	.1080E-03	42	0.	.1480E-03	43	0.	.3076E-03	44	0.	.4675E-03	45	0.	.6984E-04
45	0.	.5563E-03	46	0.	.1480E-03	47	0.	.9824E-03	48	0.	.1112E-02	49	0.	.5944E-03
49	0.	.3109E-03	50	0.	.1231E-02	51	0.	.1650E-03	52	0.	.1732E-03	53	0.	.2591E-03
53	0.	.3104E-04	54	0.	.5378E-03	55	0.	.7201E-03	56	0.	.9100E-03	57	0.	.1329E-02
57	0.	.5394E-03	58	0.	.1211E-02	59	0.	.1206E-02	60	0.	.1329E-02	61	0.	.5092E-03
61	0.	.1668E-03	62	0.	.1976E-03	63	0.	.4028E-03	64	0.	.5971E-03	65	0.	.1242E-03
65	0.	.6745E-03	66	0.	.1976E-03	67	0.	.1184E-02	68	0.	.1319E-02	69	0.	.7339E-03
69	0.	.4085E-03	70	0.	.1400E-02	71	0.	.7566E-03	72	0.	.2333E-03	73	0.	.3585E-03
73	0.	.5970E-04	74	0.	.1400E-02	75	0.	.9281E-03	76	0.	.1146E-02	77	0.	.7700E-03
77	0.	.6730E-03	78	0.	.7020E-03	79	0.	.1566E-02	80	0.	.6708E-03	81	0.	.1761E-03
81	0.	.2515E-03	82	0.	.1474E-02	83	0.	.4558E-03	84	0.	.1648E-02	85	0.	.9455E-03
85	0.	.8409E-03	86	0.	.2274E-03	87	0.	.1603E-02	88	0.	.2229E-03	89	0.	.7136E-03
89	0.	.5696E-03	90	0.	.1250E-02	91	0.	.8621E-03	92	0.	.8739E-03	93	0.	.2805E-03
93	0.	.8252E-04	94	0.	.1699E-02	95	0.	.8451E-03	96	0.	.1920E-02	97	0.	.1063E-02
97	0.	.9246E-03	98	0.	.1217E-02	99	0.	.1561E-02	100	0.	.2114E-03	101	0.	.9422E-03
101	0.	.6670E-03	102	0.	.1976E-02	103	0.	.1067E-02	104	0.	.1119E-02	105	0.	.5130E-03
105	0.	.1461E-03	106	0.	.6256E-03	107	0.	.8157E-03	108	0.	.1529E-02	109	0.	.2830E-03
109	0.	.1040E-02	110	0.	.1464E-02	111	0.	.1497E-02	112	0.	.2531E-02	113	0.	.9035E-03
113	0.	.8162E-03	114	0.	.2547E-02	115	0.	.2547E-02	116	0.	.1434E-02	117	0.	.5508E-03
117	0.	.4135E-03	118	0.	.2497E-02	119	0.	.2497E-02	120	0.	.3174E-02	118	0.	.2454E-03
121	0.	.4423E-03	122	0.	.1812E-02	123	0.	.1445E-02	124	0.	.5098E-02	119	0.	.3946E-03
125	0.	.8644E-03	126	0.	.7140E-03	127	0.	.3148E-02	128	0.	.5108E-02	120	0.	.7227E-03
129	0.	.1247E-03	129	0.	.2502E-03	131	0.	.5635E-02	132	0.	.5307E-02	121	0.	.4742E-03
133	0.	.7549E-03	130	0.	.6533E-03	135	0.	.3972E-02	136	0.	.6178E-02	122	0.	.8561E-03
135	0.	.4593E-03	134	0.	.5390E-02	139	0.	.4037E-02	140	0.	.5940E-02	123	0.	.6724E-03
137	0.	.2613E-03	138	0.	.4415E-02	143	0.	.4603E-02	144	0.	.7484E-02	124	0.	.3423E-03
141	0.	.1231E-03	142	0.	.4421E-02	145	0.	.4665E-02	148	0.	.6940E-02	125	0.	.1086E-02
145	0.	.4856E-02	146	0.	.4910E-02	147	0.	.5290E-02	152	0.	.7160E-02	126	0.	.8649E-03
149	0.	.5315E-03	150	0.	.6026E-02	151	0.	.5834E-02	156	0.	.8322E-02	127	0.	.6439E-03
153	0.	.3011E-03	154	0.	.5594E-02	155	0.	.5804E-02	164	0.	.8322E-02	128	0.	.8439E-03
157	0.	.7752E-03	158	0.	.5746E-02	159	0.	.6798E-02	168	0.	.8322E-02	129	0.	.8439E-03
161	0.	.6655E-03	162	0.	.6590E-02	163	0.	.6798E-02	172	0.	.8322E-02	130	0.	.8439E-03
165	0.	.9424E-03	166	0.	.6196E-02	167	0.	.6798E-02	176	0.	.8322E-02	131	0.	.8439E-03
169	0.	.9524E-03	170	0.	.7270E-02	171	0.	.7534E-02	184	0.	.8322E-02	132	0.	.8439E-03
173	0.	.6813E-03	174	0.	.7398E-02	175	0.	.7534E-02	188	0.	.8322E-02	133	0.	.8439E-03
177	0.	.3304E-03	178	0.	.7682E-02	179	0.	.7845E-02	190	0.	.8322E-02	134	0.	.8439E-03
181	0.	.8062E-02	182	0.	.8106E-02	183	0.	.8211E-02	190	0.	.8322E-02	135	0.	.8439E-03
185	0.	.1096E-02	186	0.	.8624E-02	187	0.	.8650E-02	190	0.	.8322E-02	136	0.	.8439E-03
189	0.	.9113E-03	190	0.	.8894E-02	190	0.	.1140E-02	190	0.	.8322E-02	137	0.	.8439E-03

63	-2585	1005	1555	232	1354	-2568	-87	-7897	711	296	-782	-7507	7927	775	1434	0	0	63
64	-2576	888	1489	1163	1571	-2657	-81	-7230	0	1280	1257	1461	-7412	0	8241	0	0	64
65	-2585	855	1334	1062	1412	-2659	-81	-6767	0	1019	1154	1186	-6935	0	7592	0	0	65
66	-2043	667	1267	1439	1415	-2231	-76	-5137	0	1278	1596	1596	-6056	0	6592	0	0	66
67	-1670	666	1055	1192	1172	-1967	-78	-5294	0	831	1267	1083	-5545	0	6159	0	0	67
68	-1616	568	921	1819	1213	-1909	-72	-4559	0	744	1920	1367	-5181	0	5983	0	0	68
69	-1354	544	689	1187	849	-1514	-74	-3962	0	306	1259	649	-4306	0	4665	0	0	69
70	-1153	436	620	1194	803	-1336	-72	-3306	0	410	1261	798	-3694	0	4151	0	0	70
71	-1016	435	485	459	516	-1048	-81	-3026	0	126	464	193	-3093	0	5194	0	0	71
72	-890	426	369	487	414	-936	-79	-2750	0	-114	518	-16	-2408	0	2840	0	0	72
73	-2276	1256	732	174	735	-2278	88	-7438	0	-1191	-213	-1184	-7445	0	6930	0	0	73
74	-2189	1201	715	-130	717	-2190	88	-7124	0	-1067	-158	-1063	-7128	0	6661	0	0	74
75	-2245	1203	769	-423	783	-2259	85	-7242	0	-960	-482	-924	-7278	0	6863	0	0	75
76	-2406	1205	929	-272	935	-2411	87	-7566	0	-559	-302	-546	-7579	0	7321	0	0	76
77	-2497	1197	1030	-516	1049	-2515	85	-7742	0	-338	-545	-299	-7782	0	7637	0	0	77
78	-2423	1076	1108	-247	1112	-2428	88	-7312	0	123	-248	132	-7320	0	7387	0	0	78
79	-2481	1079	1161	-305	1167	-2467	87	-7448	0	208	-287	219	-7460	0	7572	0	0	79
80	-2509	1014	1369	228	1372	-2512	-88	-7570	0	783	276	793	-7580	0	8006	0	0	80
81	-2591	1008	1357	227	1360	-2594	-88	-7530	0	747	281	757	-7540	0	7946	0	0	81
82	-2374	846	1340	619	1365	-2400	-85	-6720	0	1070	676	1129	-6779	0	7404	0	0	82
83	-2277	861	1249	601	1249	-2303	-84	-6559	0	779	654	837	-6617	0	7073	0	0	83
84	-2182	779	1228	1315	1351	-2304	-79	-6189	0	944	1403	1211	-6455	0	7139	0	0	84
85	-1980	777	1027	1080	1121	-2074	-79	-5769	0	518	1154	723	-5974	0	6347	0	0	85
86	-1724	639	943	1177	1067	-1848	-77	-4930	0	659	1209	925	-5197	0	5716	0	0	86
87	-1567	650	772	807	839	-1635	-80	-4634	0	268	856	414	-4779	0	4999	0	0	87
88	-1370	619	611	1101	754	-1513	-75	-4159	0	-22	1169	284	-4467	0	4616	0	0	88
89	-1239	618	481	383	502	-1260	-83	-3894	0	-296	407	-250	-3940	0	3820	0	0	89
90	-1224	559	539	306	552	-1237	-85	-3727	0	-27	325	0	-3755	0	3755	0	0	90
91	-1229	1128	744	-146	746	-2131	88	-6849	0	-857	-165	-852	-6853	0	6469	0	0	91
92	-2188	1132	799	-113	800	-2189	88	-6975	0	-732	-130	-729	-6978	0	6643	0	0	92
93	-2242	1135	850	-392	862	-2254	86	-7091	0	-632	-441	-602	-7121	0	6840	0	0	93
94	-2233	1084	905	-300	912	-2240	87	-6949	0	-368	-331	-352	-6966	0	6796	0	0	94
95	-2312	1093	973	-456	988	-2328	85	-7138	0	-252	-496	-216	-7174	0	7068	0	0	95
96	-2407	1047	1125	-204	1128	-2410	88	-7227	0	198	-207	204	-7233	0	7337	0	0	96
97	-2458	1047	1176	-262	1181	-2463	88	-7342	0	290	-258	299	-7350	0	7504	0	0	97
98	-2397	948	1237	25	1237	-2397	-89	-6989	0	647	43	647	-6990	0	7335	0	0	98
99	-2401	968	1215	54	1215	-2401	-89	-7049	0	540	76	541	-7050	0	7336	0	0	99
100	-2378	894	1284	559	1305	-2399	-85	-6842	0	836	613	865	-6890	0	7373	0	0	100
101	-2282	901	1179	533	1199	-2302	-85	-6664	0	566	582	633	-6710	0	7048	0	0	101
102	-2102	783	1143	782	1190	-2148	-83	-6027	0	775	838	877	-6129	0	6612	0	0	102
103	-1948	804	1008	681	1046	-2036	-83	-5873	0	425	728	509	-5956	0	6226	0	0	103
104	-1825	748	1056	1007	1027	-1924	-79	-5383	0	336	1126	550	-5596	0	5891	0	0	104
105	-1674	754	751	699	800	-1724	-81	-5085	0	-110	746	46	-5142	0	5241	0	0	105
106	-1566	682	731	681	781	-1616	-81	-4701	0	115	723	221	-4407	0	4922	0	0	106
107	-1482	692	644	276	653	-1501	-86	-4573	0	-92	293	-73	-4592	0	4556	0	0	107
108	-1388	693	539	292	550	-1399	-85	-4363	0	-330	311	-306	-4387	0	4242	0	0	108
109	-2129	1066	821	-140	822	-2131	88	-6712	0	-548	-158	-540	-6716	0	4242	0	0	109
110	-2118	1053	826	-124	827	-2119	88	-6657	0	-448	-142	-495	-6661	0	6428	0	0	110
111	-2154	1054	861	-316	869	-2162	86	-6733	0	-426	-353	-406	-6752	0	6558	0	0	111
112	-2221	1041	945	-244	950	-2225	87	-6837	0	-196	-268	-186	-6847	0	6756	0	0	112
113	-2293	1046	1011	-397	1022	-2305	86	-7000	0	-74	-430	-47	-7027	0	7003	0	0	113
114	-2251	972	1062	-247	1067	-2256	87	-6741	0	221	-264	231	-6751	0	6870	0	0	114
115	-2320	1016	1075	-230	1079	-2324	86	-6992	0	131	-239	139	-7000	0	7071	0	0	115
116	-2366	956	1197	39	1197	-2367	-89	-6951	0	531	57	532	-6952	0	7233	0	0	116
117	-2364	966	1180	56	1181	-2364	-89	-6973	0	462	76	462	-6974	0	7216	0	0	117
118	-2258	878	1184	277	1190	-2263	-87	-6555	0	671	305	684	-6568	0	6935	0	0	118
119	-2190	911	1074	288	1080	-2197	-87	-6497	0	345	315	360	-6511	0	6699	0	0	119
120	-2114	842	1083	687	1119	-2150	-83	-6185	0	512	740	593	-6266	0	6582	0	0	120
121	-2012	855	963	579	991	-2040	-84	-6006	0	225	622	286	-6067	0	6216	0	0	121
122	-1870	771	926	637	962	-1905	-83	-5521	0	342	681	420	-5599	0	5821	0	0	122
123	-1787	802	805	455	825	-1787	-84	-5423	0	10	486	53	-5466	0	5493	0	0	123
124	-1667	774	718	604	755	-1705	-82	-5116	0	-124	644	-42	-5198	0	5177	0	0	124
125	-1526	780	640	215	645	-1602	-82	-4985	0	302	229	-291	-4996	0	4857	0	0	125
126	-1591	746	677	165	680	-1594	-87	-4893	0	-137	175	-131	-4900	0	4835	0	0	126
127	-2114	998	891	-74	891	-2114	89	-6527	0	-231	-81	-230	-6528	0	6416	0	0	127
128	-2065	997	842	-83	842	-2065	89	-6426	0	-340	-91	-339	-6427	0	6264	0	0	128

133	-2143	1021	891	-271	897	-2149	87	-6643	0	-292	-299	-278	-6657	0	6522	638	1508	0	133
134	-2119	971	930	-202	935	-2122	87	-6645	0	-83	-224	-75	-6483	0	6405	630	1490	0	134
139	-2256	1006	1023	-275	1029	-2261	87	-6640	0	33	-248	-46	-6853	0	6876	672	1589	0	139
140	-2125	976	930	-242	934	-2130	87	-6640	0	33	-248	-46	-6853	0	6876	672	1589	0	140
145	-2270	948	1108	-135	1110	-2271	88	-6742	0	347	-264	-350	-6744	0	6926	677	1601	0	145
146	-2236	990	1023	-232	1027	-2240	87	-6748	0	78	-245	-87	-6767	0	6866	666	1575	0	146
152	-2166	926	1031	-245	1036	-2171	87	-6749	0	222	270	233	-6490	0	6610	646	1529	0	152
153	-2252	949	1114	-213	1117	-2255	88	-6663	0	390	236	402	-6671	0	6861	673	1591	0	153
154	-2252	934	1108	-9	1108	-2252	88	-6663	0	390	236	402	-6671	0	6861	673	1591	0	154
162	-1855	798	677	159	680	-1658	-88	-5143	0	-256	170	-250	-5149	0	5028	492	1163	0	162
163	-1704	830	687	144	689	-1707	-88	-5143	0	-307	155	-302	-5320	0	5175	506	1197	0	163
164	-1737	778	784	388	798	-1752	-85	-5268	0	17	410	49	-5300	0	5325	521	1262	0	164
165	-1831	858	784	291	788	-1839	-86	-5638	0	168	310	-150	-5655	0	5581	546	1291	0	165
166	-1894	815	896	561	924	-1922	-84	-5672	0	174	600	235	-5733	0	5855	572	1354	0	166
167	-2019	915	898	334	908	-2029	-86	-6153	0	-44	359	-23	-6174	0	6162	603	1425	0	167
168	-2046	829	1031	378	1043	-2058	-86	-6012	0	487	408	473	-6038	0	6284	615	1454	0	168
169	-2065	958	890	-83	891	-2065	89	-6340	0	-149	-91	-147	-6342	0	6269	613	1450	0	169
170	-2024	937	876	-66	876	-2024	89	-6208	0	-132	-74	-131	-6208	0	6148	601	1421	0	170
171	-2024	912	851	-12	851	-2024	89	-6154	0	-12	-14	-12	-6154	0	6148	601	1421	0	171
172	-2119	947	943	-173	946	-2121	-88	-6453	0	-43	-36	-43	-6451	0	6485	630	1490	0	172
173	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	173
174	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	174
175	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	175
176	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	176
177	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	177
178	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	178
179	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	179
180	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	180
181	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	181
182	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	182
183	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	183
184	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	184
185	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	185
186	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	186
187	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	187
188	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	188
189	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	189
190	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	190
191	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	191
192	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	192
193	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	193
194	-2036	922	906	-106	907	-2037	-88	-6205	0	-157	-175	-152	-6263	0	6188	605	1431	0	194

195	-1931	914	810	139	RT2	-1952	-88	-3567	-70	-226	750	-222	-5971	*	0	5863	573	1356	0	0	195
196	-1933	875	861	158	864	-1936	-88	-5883	0	-20	172	-15	-5888	*	0	5880	575	1360	0	0	196
197	-2001	983	796	-47	796	-2002	89	-6263	0	-407	-47	-407	-6263	*	0	6070	593	1404	0	0	197
198	-2004	916	921	92	922	-2045	-89	-6203	0	14	103	16	-6205	*	0	6213	608	1437	0	0	198
199	-2076	955	906	-39	906	-2076	89	-6354	0	-102	-39	-102	-6354	*	0	6304	616	1458	0	0	199
200	-2118	946	956	45	956	-2118	-89	-6417	0	22	53	22	-6417	*	0	6429	629	1487	0	0	200
201	-2118	951	953	22	953	-2118	-89	-6433	0	5	25	5	-6433	*	0	6436	629	1488	0	0	201
202	-2140	978	940	-19	940	-2140	89	-6539	0	-85	-18	-85	-6539	*	0	6497	635	1503	0	0	202
203	-1769	907	677	3	677	-1769	-89	-6654	0	-486	4	-486	-6654	*	0	5427	531	1255	0	0	203
204	-1799	960	623	-46	623	-1800	89	-5787	0	-47	-47	-47	-5788	*	0	5466	534	1264	0	0	204
205	-1799	956	627	-105	628	-1801	88	-5780	0	-696	-109	-693	-5782	*	0	5468	535	1265	0	0	205
206	-1894	944	737	-23	737	-1894	89	-5954	0	-444	-20	-445	-5954	*	0	5744	562	1329	0	0	206
207	-1894	896	796	-40	796	-1894	89	-5845	0	-200	-40	-200	-5845	*	0	5748	562	1329	0	0	207
208	-1966	1015	721	-203	725	-1970	87	-6257	0	-632	-208	-624	-6265	*	0	5977	584	1362	0	0	208
209	-1966	967	781	-280	788	-1973	87	-6151	0	-396	-295	-380	-6167	*	0	5985	585	1384	0	0	209
210	-2113	985	906	-123	907	-2114	88	-6498	0	-171	-126	-168	-6500	*	0	6417	627	1484	0	0	210
211	-2113	957	940	-76	941	-2114	89	-6435	0	-50	-77	-30	-6436	*	0	6421	628	1485	0	0	211
212	-2218	978	1020	-194	1023	-2521	88	-6694	0	100	-205	106	-6700	*	0	6754	660	1562	0	0	212
213	-1741	912	623	-12	623	-1741	89	-5561	0	-604	-13	-604	-5562	*	0	5285	517	1222	0	0	213
214	-1754	969	566	-74	567	-1754	89	-5710	0	-849	-75	-848	-5711	*	0	5338	522	1234	0	0	214
215	-1745	912	627	-129	629	-1747	88	-5570	0	-594	-135	-591	-5574	*	0	5303	518	1226	0	0	215
216	-1791	992	575	-237	581	-1797	87	-5836	0	-881	-244	-869	-5848	*	0	5466	534	1264	0	0	216
217	-1828	904	721	-201	725	-1832	87	-5722	0	-636	-452	-599	-6153	*	0	5558	543	1285	0	0	217
218	-1918	998	695	-437	713	-1937	85	-6116	0	-468	-357	-446	-6331	*	0	5876	575	1359	0	0	218
219	-2007	1001	781	-340	791	-2018	86	-6310	0	-610	-729	-522	-6672	*	0	6120	598	1415	0	0	219
220	-2078	1062	775	-691	817	-2119	83	-6584	0	-522	-449	-295	-5611	*	0	6426	628	1486	0	0	220
221	-2049	1165	1020	-423	1033	-2462	86	-7584	0	-850	-76	-848	-5443	*	0	7468	730	1727	0	0	221
222	-1665	931	524	-73	525	-1666	89	-5442	0	-932	-121	-928	-5389	*	0	4991	488	1154	0	0	222
223	-1710	933	566	-70	567	-1710	89	-5541	0	-942	-126	-938	-5394	*	0	4990	488	1154	0	0	223
224	-1710	926	575	-189	579	-1714	87	-5525	0	-732	-197	-728	-5533	*	0	5209	509	1205	0	0	224
225	-1696	960	520	-230	526	-1702	87	-5568	0	-922	-236	-910	-5580	*	0	5185	507	1194	0	0	225
226	-1696	967	511	-622	554	-1739	82	-5583	0	-953	-648	-863	-5672	*	0	5293	517	1224	0	0	226
227	-1942	1018	695	-560	725	-1972	83	-6205	0	-677	-588	-615	-6267	*	0	5983	585	1384	0	0	227
228	-1942	953	775	-761	828	-1995	82	-6055	0	-453	-813	-239	-6169	*	0	6052	592	1400	0	0	228
229	-2485	1371	802	-1277	922	-2805	79	-8106	0	-1247	-1333	-997	-8356	*	0	7905	773	1828	0	0	229
230	-1625	999	524	-73	525	-1626	89	-5286	0	-777	-76	-775	-5289	*	0	4947	484	1144	0	0	230
231	-1635	933	492	-115	493	-1637	88	-5386	0	-932	-121	-928	-5389	*	0	4991	488	1154	0	0	231
232	-1635	935	489	-120	490	-1637	88	-5391	0	-942	-126	-938	-5394	*	0	4990	488	1154	0	0	232
233	-1589	873	520	-197	524	-1594	87	-5156	0	-727	-206	-718	-5166	*	0	4947	474	1121	0	0	233
234	-1589	880	511	-589	551	-1629	82	-5171	0	-758	-617	-673	-5255	*	0	4953	484	1145	0	0	234
235	-1791	810	802	-1069	591	-1854	80	-5921	0	-1066	-805	-936	-6051	*	0	5641	552	1305	0	0	235
236	-2204	1340	558	-1712	802	-2447	74	-7455	0	-46	-1128	-270	-5640	*	0	5780	565	1337	0	0	236
237	-1530	868	466	-212	472	-1535	86	-5030	0	-850	-220	-838	-5042	*	0	4674	457	1082	0	0	237
238	-1633	931	492	-103	493	-1635	88	-5380	0	-928	-109	-925	-5382	*	0	4984	487	1153	0	0	238
239	-1633	934	489	-108	490	-1635	88	-5384	0	-939	-115	-936	-5387	*	0	4986	487	1153	0	0	239
240	-1419	787	454	-131	456	-1422	88	-4631	0	-705	-115	-702	-4634	*	0	4326	423	1001	0	0	240
241	-1419	624	657	-1021	776	-1538	77	-4269	0	-106	-1065	-352	-4515	*	0	4701	459	1087	0	0	241
242	-1616	866	528	-673	580	-1668	81	-5240	0	-739	-713	-628	-5351	*	0	5066	495	1172	0	0	242
243	-1616	872	547	-1145	689	-1758	76	-5225	0	-694	-1193	-399	-5521	*	0	5332	521	1233	0	0	243
244	-1457	736	558	-1352	764	-1663	73	-4567	0	-517	-1424	-115	-5000	*	0	5059	495	1170	0	0	244
245	-1678	1168	243	-2121	713	-2148	66	-6006	0	-2006	-2203	-1030	-6982	*	0	6528	638	1510	0	0	245
246	-1587	751	466	-212	472	-1593	86	-4981	0	-594	-218	-582	-4935	*	0	4232	414	979	0	0	246
247	-1270	521	633	65	633	-1271	89	-3744	0	255	61	256	-3745	*	0	3480	379	897	0	0	247
248	-1270	571	571	-580	616	-1315	81	-3856	0	12	-604	104	-5948	*	0	4002	391	925	0	0	248
249	-1270	571	571	-580	616	-1315	81	-3856	0	12	-604	104	-5948	*	0	4002	391	925	0	0	249
250	-1270	571	571	-580	616	-1315	81	-3856	0	12	-604	104	-5948	*	0	4002	391	925	0	0	250
251	-1985	1082	657	-746	708	-2037	82	-6453	0	-950	-777	-842	-6561	*	0	6183	605	1430	0	0	251
252	-1567	781	610	-261	618	-1575	86	-4925	0	-368	-286	-350	-4943	*	0	4777	467	1105	0	0	252
253	-1567	832	547	-1010	662	-1682	77	-5036	0	-603	-1053	-365	-5273	*	0	5100	499	1180	0	0	253
254	-1364	646	573	-735	640	-1431	79	-4205	0	-145	-780	-0	-4350	*	0	4350	425	1006	0	0	254
255	-1364	703	502	-1165	669	-1531	73	-4237	0	-436	-1224	-83	-4689	*	0	4648	454	1075	0	0	255
256	-815	469	243	-1644	692	-1264	61	-2674	0	-406	-1721	520	-3601	*	0	3888	380	899	0	0	256
257	-735	503	115	-1162	410	-1030	63	-2604	0	-825	-1216	-208	-3222	*	0	3123	305	722	0	0	257
258	-1458	673	633	-67	633	-1458	89	-4470	0	-91	-70	-90	-4471	*	0	4426	433	1024	0	0	258
259	-1553	658	746	-94	747	-1553	88	-4635	0	183	-99	185	-4637	*	0	4733	463	1094	0	0	259
260	-1447	714	571	-587	613	-1489	82	-4543	0	-517	-603	-233	-4628	*	0	4516	441	1044	0	0	260

DATA DOCUMENTS, INC.

261	-1316	550	642	-327	655	-11330	85	-3911	0	197	-341	225	-3439	*	0	4057	396	938	0	0	261
262	-1343	599	610	-263	619	-1352	86	-4063	0	34	-275	57	-4081	*	0	4110	402	951	0	0	262
263	-1442	704	573	-765	643	-1512	79	-4520	0	-299	-791	-155	-4664	*	0	4588	448	1061	0	0	263
264	-1258	524	615	-538	653	-1296	81	-3734	0	194	-566	-274	-3814	*	0	3958	387	915	0	0	264
265	-1258	616	502	-1153	674	-1430	73	-3937	0	-243	-1201	113	-4293	*	0	4351	425	1006	0	0	265
266	-931	379	467	-772	567	-1031	75	-2731	0	159	-819	412	-2944	*	0	3171	310	733	0	0	266
267	-694	472	115	-1223	443	-1023	61	-2462	0	-754	-1273	-74	-3142	*	0	3105	303	718	0	0	267
268	-301	55	236	-723	418	-483	63	-715	0	417	-758	-89	-1146	*	0	1646	161	581	0	0	268
269	-501	182	78	-332	140	-364	69	-1013	0	-222	-351	389	-4217	*	0	1104	108	255	0	0	269
270	-1442	567	746	-185	750	-1445	67	-4208	0	381	-194	389	-4217	*	0	4424	432	1023	0	0	270
271	-1459	593	730	-218	736	-1464	87	-4308	0	277	-231	288	-4319	*	0	4471	437	1034	0	0	271
272	-1263	524	642	-458	669	-1310	65	-3781	0	258	-481	314	-3838	*	0	4005	391	926	0	0	272
273	-1328	582	615	-550	652	-1366	82	-4015	0	44	-778	125	-4096	*	0	4160	407	962	0	0	273
274	-1158	427	615	-742	690	-1213	78	-3269	0	416	-576	573	-3426	*	0	3746	366	866	0	0	274
275	-1138	471	560	-779	646	-1223	77	-3375	0	182	-817	361	-3554	*	0	3748	366	866	0	0	275
276	-868	327	467	-799	578	-978	74	-2503	0	308	-830	535	-2730	*	0	3034	296	701	0	0	276
277	-780	442	236	-925	415	-959	68	-2583	0	460	-960	-90	-2955	*	0	2911	284	673	0	0	277
278	-378	152	193	-342	240	-426	74	-1097	0	102	-365	205	-1200	*	0	1514	128	304	0	0	278
279	-270	157	78	-347	149	-342	67	-902	0	161	-359	-16	-1048	*	0	1040	101	240	0	0	279
280	-134	46	78	-226	127	-182	66	-371	0	76	-236	177	-473	*	0	583	57	135	0	0	280
281	-1350	506	730	-203	735	-1355	87	-3890	0	474	-210	484	-3900	*	0	4164	407	963	0	0	281
282	-1284	490	684	-183	688	-1289	87	-3721	0	404	-193	413	-3730	*	0	3953	386	914	0	0	282
283	-1284	495	678	-455	704	-1310	83	-3733	0	377	-479	432	-3788	*	0	4022	393	930	0	0	283
284	-1122	415	613	-553	656	-1165	81	-3219	0	424	-577	514	-3309	*	0	3593	351	831	0	0	284
285	-1122	458	560	-780	646	-1208	77	-3321	0	209	-812	387	-3498	*	0	3707	362	857	0	0	285
286	-831	320	439	-610	508	-900	77	-2406	0	256	-642	403	-2553	*	0	2777	271	642	0	0	286
287	-831	337	418	-375	495	-858	81	-2446	0	171	-395	230	-2504	*	0	2627	257	607	0	0	287
288	-528	273	193	-453	258	-593	73	-1684	0	175	-473	-39	-1821	*	0	1801	176	416	0	0	288
289	-1223	459	660	-123	662	-1235	83	-3448	0	417	-130	422	-3534	*	0	3763	368	870	0	0	289
290	-1210	429	684	-160	687	-1214	87	-3435	0	537	-166	544	-3442	*	0	3745	366	866	0	0	290
291	-1210	434	678	-432	702	-1235	83	-3448	0	511	-452	562	-3499	*	0	3811	372	881	0	0	291
292	-1074	408	574	-399	597	-1097	83	-3105	0	347	-421	397	-3156	*	0	3373	330	780	0	0	292
293	-1074	435	540	-455	571	-1105	82	-3165	0	215	-478	282	-3231	*	0	3381	330	782	0	0	293
294	-894	371	439	-533	490	-946	79	-2654	0	145	-558	250	-2761	*	0	2895	283	669	0	0	294
295	-894	388	418	-298	435	-911	83	-2693	0	57	-310	92	-2727	*	0	2775	271	641	0	0	295
296	-806	355	396	-232	407	-818	84	-2390	0	133	-244	157	-2414	*	0	2496	244	577	0	0	296
297	-1156	404	660	-123	662	-1158	88	-3269	0	539	-130	543	-3274	*	0	3577	350	827	0	0	297
298	-1120	403	627	-122	629	-1123	87	-3195	0	467	-129	472	-3199	*	0	3460	338	800	0	0	298
299	-1120	423	602	-243	610	-1129	85	-3238	0	375	-255	390	-3256	*	0	3467	339	802	0	0	299
300	-1058	395	574	-277	585	-1070	85	-3048	0	243	-347	279	-3143	*	0	3291	321	761	0	0	300
301	-1058	423	540	-333	557	-1076	84	-3107	0	243	-347	279	-3143	*	0	3291	321	761	0	0	301
302	-973	385	500	-287	514	-987	84	-2846	0	243	-347	279	-3143	*	0	3291	321	761	0	0	302
303	-973	416	462	-171	467	-978	86	-2912	0	97	-179	108	-2922	*	0	3021	295	684	0	0	303
304	-914	422	396	-163	401	-919	86	-2806	0	61	-171	50	-2817	*	0	2978	291	689	0	0	304
305	-1123	359	683	-32	684	-1124	89	-3107	0	681	-54	681	-3108	*	0	3499	342	809	0	0	305
306	-1088	376	627	-31	627	-1068	89	-3068	0	525	-33	526	-3069	*	0	3363	329	778	0	0	306
307	-1088	396	602	-153	605	-1091	87	-3111	0	430	-159	437	-3118	*	0	3359	328	777	0	0	307
308	-1058	371	603	-122	606	-1061	87	-2997	0	487	-128	492	-3001	*	0	3276	320	757	0	0	308
309	-1058	427	534	-129	537	-1061	87	-3115	0	223	-135	229	-3121	*	0	3241	317	750	0	0	309
310	-1004	411	500	-149	504	-1008	87	-2969	0	186	-156	193	-2976	*	0	3078	301	712	0	0	310
311	-1004	442	462	-32	462	-1005	89	-3034	0	40	-34	41	-3034	*	0	3055	298	706	0	0	311
312	-999	441	457	-31	457	-999	89	-3020	0	32	-32	33	-3020	*	0	3037	297	702	0	0	312

TIME 105 = 8000.000HOURS AT PRESSURE = -1.670 0.0000 0.0000 AND AT TEMPERATURE = 1.0000

NODAL POINT R-DISPLACEMENT Z-DISPLACEMENT

1	0.	.4041E-03	.1353E-03	.4054E-03	3	7	.3308E-03	.5598E-03	4	.5203E-03	.3456E-03
5	.7151E-03	.2937E-03	.6704E-03	.2512E-03	11	15	.9957E-03	.1928E-03	8	.1097E-02	.1503E-03
9	.1144E-02	.6691E-04	.1176E-02	0.	11	15	0.	.5901E-03	12	.1361E-03	.4034E-03
13	.2885E-03	.4171E-03	.4647E-02	.3670E-03	15	19	.6313E-03	.2776E-03	16	.4090E-03	.1991E-03
17	.5609E-03	.1303E-03	.1041E-02	.7880E-04	19	23	.1166E-02	.3597E-04	20	.1166E-02	0.
21	0.	.4952E-03	.1365E-03	.7880E-03	23	27	.2863E-03	.2342E-03	24	.4360E-03	.3679E-03
25	.6154E-03	.2745E-03	.7828E-03	.4908E-03	27	31	.2863E-03	.2342E-03	28	.1066E-02	.5374E-03
29	.1175E-02	.2554E-04	.1204E-02	.1824E-03	31	35	.9355E-03	.5504E-03	32	.1447E-03	.5286E-03
33	.2926E-03	.4794E-03	.4616E-02	0.	35	39	.6277E-03	.2940E-03	36	.1447E-03	.5286E-03
37	.9773E-03	.1144E-03	.1122E-02	.3942E-03	39	43	.1212E-02	.2940E-03	40	.1246E-02	.2003E-03
41	0.	.5906E-03	.1522E-03	.6175E-04	43	47	.1212E-02	.2940E-03	44	.1246E-02	.2003E-03
45	.6846E-03	.3293E-03	.1522E-03	.5739E-03	47	51	.3251E-03	.5158E-03	48	.4944E-03	.4289E-03
49	.1272E-02	.3335E-04	.8615E-03	.5739E-03	51	55	.1039E-02	.1436E-03	52	.1175E-02	.7412E-04
53	.681E-03	.5727E-03	.1302E-02	.2246E-03	55	59	0.	.6528E-03	56	.1829E-03	.6309E-03
57	.1132E-02	.1768E-03	.5684E-03	.4838E-03	59	63	.7611E-03	.3766E-03	60	.9620E-03	.2746E-03
61	0.	.7169E-03	.2086E-03	.6950E-03	63	67	.1370E-02	.4572E-04	64	.1405E-02	0.
65	.8610E-03	.4332E-03	.1033E-02	.3180E-03	67	71	.4254E-03	.6336E-03	68	.6390E-03	.5401E-03
69	.1491E-02	.6334E-04	.1522E-02	0.	71	75	.1251E-02	.2217E-03	72	.1933E-02	.1318E-03
73	.4920E-03	.7143E-03	.1522E-02	.3180E-03	75	79	.9803E-03	.8033E-03	76	.2463E-02	.7790E-03
77	.1400E-02	.2668E-03	.7414E-03	.6153E-03	79	83	.1654E-02	.9987E-04	80	.1211E-02	.3802E-03
81	0.	.8927E-03	.1557E-02	.1694E-03	83	87	.1654E-02	.9987E-04	84	.1690E-02	.8173E-03
85	.9527E-03	.6043E-03	.1320E-02	.8829E-03	87	91	.4812E-03	.4512E-03	88	.7081E-03	.1869E-03
89	.1778E-02	.8756E-04	.1755E-02	.4532E-03	91	95	.1693E-02	.3067E-03	92	.1741E-02	.1004E-02
93	.4669E-03	.9815E-03	.6894E-03	.9469E-03	95	99	.8920E-03	.1016E-02	96	.2352E-03	.1869E-03
97	.1251E-02	.7078E-03	.1288E-02	.5539E-03	99	103	.1649E-02	.9150E-03	100	.9226E-03	.7573E-03
101	.2066E-02	.1551E-03	.2087E-02	0.	103	107	0.	.4309E-03	104	.2028E-02	.2977E-03
105	.4464E-03	.1104E-02	.6600E-03	.1077E-02	107	111	.8607E-03	.1133E-02	108	.2230E-03	.1129E-02
109	.1215E-02	.8682E-03	.1546E-02	.8238E-03	111	115	.1581E-02	.1046E-02	112	.1181E-02	.1000E-02
113	.1988E-02	.4388E-03	.2699E-02	0.	115	119	.2688E-02	.6690E-03	116	.1614E-02	.5444E-03
117	.2658E-02	.4697E-03	.2636E-02	.6621E-03	119	123	.2604E-02	.1440E-03	120	.2671E-02	.3005E-03
121	.1881E-02	.9197E-03	.1913E-02	.7578E-03	123	127	.1948E-02	.8618E-03	124	.1514E-02	.9590E-03
125	.3296E-02	.1325E-03	.3311E-02	.2660E-03	127	131	.3322E-02	.5959E-03	128	.3293E-02	0.
129	.3354E-02	.8019E-03	.3752E-02	0.	131	135	.3760E-02	.4193E-03	132	.3350E-02	.5852E-03
133	.3872E-02	.4885E-03	.4000E-02	0.	135	139	.4191E-02	.4193E-03	136	.3799E-02	.5036E-03
137	.4246E-02	.2781E-03	.4365E-02	.6946E-03	139	143	.4682E-02	.1507E-03	140	.4211E-02	.1394E-03
141	.4642E-02	.1310E-03	.4655E-02	.4143E-03	143	147	.4857E-02	.6491E-03	144	.4620E-02	0.
145	.5124E-02	0.	.5180E-02	.2612E-03	147	151	.5133E-02	.4020E-03	148	.5380E-02	.6127E-03
149	.5706E-02	.5651E-03	.5359E-02	.1241E-03	151	155	.5581E-02	.4020E-03	149	.5390E-02	.4195E-03
153	.5787E-02	.5196E-03	.5906E-02	.6435E-03	155	159	.6156E-02	.2450E-03	152	.5599E-02	.1679E-03
157	.7267E-02	.8237E-03	.6062E-02	.4816E-03	159	163	.6123E-02	.6338E-03	156	.6519E-02	.7672E-03
161	.6571E-02	.7089E-03	.6954E-02	0.	163	167	.6929E-03	.2475E-03	160	.6320E-02	.5029E-03
165	.7581E-02	.1000E-02	.7671E-02	.8929E-03	167	171	.7367E-02	.2475E-03	164	.6520E-02	.7091E-03
169	.7567E-02	.1010E-02	.7671E-02	0.	171	175	.7250E-02	.5874E-03	168	.7555E-02	.9091E-03
173	.7538E-02	.7220E-03	.7806E-02	.1113E-02	175	179	.7949E-02	0.	172	.7321E-02	.3627E-03
177	.7961E-02	.3501E-03	.8105E-02	.9550E-03	179	183	.8278E-02	.1177E-02	176	.7896E-02	0.
181	.8506E-02	0.	.8555E-02	.6543E-03	183	187	.8664E-02	.9407E-03	180	.8375E-02	.1151E-02
185	.8858E-02	.1162E-02	.9099E-02	.5322E-03	187	191	.9127E-02	.6512E-03	184	.8791E-02	.9166E-03
189	.9321E-02	.9656E-03	.9365E-02	0.	191	195	.9127E-02	.3621E-03	188	.9222E-02	.6820E-03
				.1208E-02							

Date Documents Inc

65	-2727	1066	1436	253	1442	-2731	-87	-7492	0	779	310	790	-7504	*	0	7929	775	1974	0	0	65
66	-2716	941	1579	1235	1666	-2805	-81	-7223	0	1285	1270	1471	-7404	*	0	8254	806	2056	0	0	65
67	-2515	904	1417	1128	1496	-2594	-81	-6744	0	1018	1165	1189	-6921	*	0	7586	806	1895	0	0	64
68	-2197	707	1342	1525	1500	-2355	-74	-5723	0	1284	1538	1607	-6046	*	0	6989	683	1744	0	0	66
69	-1705	601	975	1263	1242	-2095	-74	-5271	0	833	1273	1048	-5826	*	0	6145	601	1536	0	0	67
70	-1427	576	1255	1494	1285	-2013	-72	-4534	0	748	1920	1372	-5162	*	0	5968	583	1492	0	0	68
71	-1215	461	654	1243	851	-1596	-74	-5941	0	308	1258	653	-4266	*	0	4647	454	1164	0	0	69
72	-1070	460	514	464	547	-1104	-81	-3007	0	131	463	198	-3075	*	0	3179	311	797	0	0	70
73	-2403	1337	777	-187	780	-2406	-87	-7456	0	-104	516	-10	-2831	*	0	2826	276	709	0	0	72
74	-2311	1271	760	-140	762	-2313	-84	-7139	0	-1080	-162	-1075	-7143	*	0	6941	679	1730	0	0	73
75	-2571	1240	817	-452	833	-2347	-85	-7259	0	-972	-490	-934	-7297	*	0	6877	652	1663	0	0	74
76	-2544	1282	991	-290	947	-2550	-87	-7588	0	-558	-304	-545	-7601	*	0	7344	718	1828	0	0	76
77	-2640	1273	1097	-547	1117	-2660	-85	-7763	0	-338	-306	-298	-7803	*	0	7658	709	1907	0	0	77
78	-2562	1143	1180	-261	1184	-2566	-88	-7324	0	134	-245	142	-7332	*	0	7404	724	1844	0	0	78
79	-2621	1146	1234	-321	1241	-2628	-87	-7457	0	215	-293	226	-7468	*	0	7584	742	1890	0	0	79
80	-2735	1076	1455	246	1458	-2739	-87	-7532	0	752	292	762	-7542	*	0	7951	778	1983	0	0	81
81	-2735	1076	1455	246	1458	-2739	-87	-7532	0	1079	686	1139	-6779	*	0	7414	725	1849	0	0	82
82	-2507	897	1421	659	1449	-2534	-85	-6719	0	784	663	843	-6614	*	0	7074	692	1764	0	0	83
83	-2403	913	1298	639	1325	-2430	-84	-6554	0	948	1412	1217	-6452	*	0	7139	698	1780	0	0	84
84	-2302	826	1302	1393	1432	-2432	-79	-6182	0	517	1160	724	-5963	*	0	6356	622	1588	0	0	85
85	-2087	824	1088	1144	1188	-2187	-79	-5755	0	663	1255	932	-5187	*	0	5711	558	1425	0	0	86
86	-1818	677	1000	1247	1131	-1950	-77	-4917	0	271	860	418	-4765	*	0	4987	488	1247	0	0	87
87	-1652	689	818	855	890	-1724	-80	-4618	0	-21	1170	288	-4454	*	0	4804	450	1151	0	0	88
88	-1443	657	648	1165	799	-1595	-75	-4144	0	-294	407	-248	-3923	*	0	3804	372	953	0	0	89
89	-1305	655	511	406	533	-1328	-83	-3877	0	-24	366	4	-3739	*	0	3741	366	937	0	0	90
90	-1289	593	572	324	586	-1303	-84	-3710	0	-869	-167	-865	-6865	*	0	6475	633	1614	0	0	91
91	-2247	1200	790	-156	792	-2249	-88	-6860	0	-741	-132	-738	-6990	*	0	6651	650	1658	0	0	92
92	-2310	1203	809	-121	850	-2311	-88	-6987	0	-639	-408	-608	-7136	*	0	6851	670	1707	0	0	93
93	-2368	1207	903	-418	917	-2381	-86	-7105	0	-368	-335	-351	-6978	*	0	6808	666	1697	0	0	94
94	-2358	1152	962	-319	970	-2366	-87	-6961	0	-252	-300	-216	-7186	*	0	7082	692	1764	0	0	95
95	-2443	1162	1034	-485	1051	-2460	-85	-7152	0	205	-205	211	-7246	*	0	7354	719	1832	0	0	96
96	-2544	1113	1197	-215	1200	-2547	-88	-7240	0	294	-254	303	-7361	*	0	7517	735	1873	0	0	97
97	-2597	1113	1250	-275	1255	-2602	-88	-7352	0	657	48	657	-6995	*	0	7346	718	1831	0	0	98
98	-2532	1006	1314	28	1314	-2532	-89	-6995	0	546	81	547	-7054	*	0	7583	718	1831	0	0	99
99	-2535	1028	1290	60	1291	-2535	-89	-7053	0	843	622	893	-6893	*	0	7480	722	1840	0	0	100
100	-2511	948	1363	595	1365	-2534	-85	-6843	0	588	589	636	-6710	*	0	7049	689	1758	0	0	101
101	-2408	956	1250	567	1272	-2430	-85	-6642	0	741	805	844	-6126	*	0	6613	647	1649	0	0	102
102	-2218	830	1212	430	1262	-2267	-83	-6023	0	428	734	513	-5952	*	0	6225	609	1553	0	0	103
103	-2108	858	1068	722	1104	-2148	-83	-5868	0	337	1132	554	-5590	*	0	5867	576	1469	0	0	104
104	-1925	794	963	1118	1067	-2029	-79	-5374	0	-11	789	97	-5181	*	0	5231	511	1307	0	0	105
105	-1765	799	796	741	848	-1817	-81	-4649	0	117	727	225	-4796	*	0	4913	480	1228	0	0	106
106	-1651	723	776	721	828	-1703	-81	-4449	0	-91	294	-71	-4578	*	0	4543	444	1136	0	0	107
107	-1572	733	684	292	693	-1582	-86	-4559	0	-330	312	-306	-4573	*	0	4228	413	1058	0	0	108
108	-1463	735	572	309	583	-1474	-85	-4348	0	-552	-160	-548	-6724	*	0	6467	632	1612	0	0	109
109	-2247	1133	872	-149	873	-2249	-88	-6720	0	-504	-144	-500	-6669	*	0	6434	629	1604	0	0	110
110	-2266	1119	871	-132	879	-2257	-88	-6666	0	-432	-358	-411	-6763	*	0	6566	642	1637	0	0	111
111	-2274	1120	915	-338	924	-2283	-86	-6742	0	-196	-271	-185	-6858	*	0	6767	662	1686	0	0	112
112	-2346	1106	1005	-260	1010	-2351	-87	-6847	0	-74	-434	-47	-7039	*	0	7016	686	1748	0	0	113
113	-2423	1112	1074	-422	1087	-2435	-86	-7012	0	228	-266	238	-6758	*	0	6840	673	1715	0	0	114
114	-2378	1032	1129	-262	1134	-2383	-87	-6748	0	133	-239	141	-7009	*	0	7081	692	1765	0	0	115
115	-2451	1079	1143	-243	1147	-2455	-88	-7001	0	538	61	539	-6959	*	0	7244	708	1805	0	0	116
116	-2500	1015	1271	44	1272	-2500	-89	-6959	0	466	80	466	-6979	*	0	7223	706	1801	0	0	117
117	-2496	1025	1253	62	1253	-2496	-89	-6978	0	348	310	348	-6569	*	0	6941	679	1730	0	0	118
118	-2384	931	1257	295	1263	-2390	-87	-6556	0	515	747	597	-6265	*	0	6584	644	1642	0	0	119
119	-2312	947	1140	307	1146	-2318	-87	-6497	0	225	627	288	-6065	*	0	6214	604	1550	0	0	120
120	-2230	893	1148	730	1187	-2269	-83	-6183	0	346	686	425	-5594	*	0	5818	569	1451	0	0	121
121	-2122	907	1022	615	1051	-2152	-84	-6002	0	11	489	55	-5459	*	0	5487	536	1370	0	0	122
122	-1972	817	982	676	1021	-2010	-83	-5515	0	-124	647	-41	-5189	*	0	5168	505	1291	0	0	123
123	-1885	850	854	875	875	-1906	-84	-5416	0	-303	230	-292	-4984	*	0	4845	474	1211	0	0	124
124	-1757	821	761	640	801	-1797	-82	-5106	0	-136	177	-130	-4888	*	0	4824	472	1206	0	0	125
125	-1683	828	679	228	685	-1688	-87	-4973	0	-233	-82	-232	-6533	*	0	6421	628	1601	0	0	126
126	-1677	791	719	175	722	-1680	-87	-4882	0	-345	-92	-343	-6433	*	0	6268	613	1563	0	0	127
127	-2231	1060	946	-78	947	-2232	-89	-6533	0						0					0	128
128	-2179	1059	894	-89	894	-2180	-89	-6431	0						0					0	

133	-2263	1085	946	-289	953	-2269	87	-6651	0	-296	-303	-282	-6665	*	0	6529	638	1627	0	0	133
134	-2237	1031	987	-215	991	-2241	87	-6481	0	-43	-327	-75	-6489	*	0	6451	631	1604	0	0	134
139	-2383	1069	1087	-292	1093	-2349	87	-6850	0	34	-301	47	-6863	*	0	6887	673	1716	0	0	139
140	-2244	1036	987	-257	992	-2288	87	-6507	0	-97	-266	-86	-6518	*	0	6876	633	1614	0	0	140
145	-2397	1007	1177	-143	1174	-2399	88	-6749	0	350	-142	353	-6752	*	0	6935	678	1728	0	0	145
146	-2361	1051	1087	-246	1091	-2368	87	-6766	0	81	-246	90	-6775	*	0	6820	667	1700	0	0	146
152	-2246	983	1094	261	1100	-2291	87	-6940	0	223	274	215	-6941	*	0	6612	646	1649	0	0	152
153	-2378	986	1183	227	1186	-2381	88	-6668	0	397	240	405	-6676	*	0	6888	674	1717	0	0	153
154	-2378	991	1177	-9	1177	-2378	89	-6669	0	396	-0	396	-6669	*	0	6876	672	1718	0	0	154
162	-1745	846	719	169	721	-1748	87	-5133	0	-169	313	-151	-5650	*	0	5576	545	1492	0	0	162
163	-1797	880	729	153	732	-1798	88	-5133	0	-257	171	-251	-5139	*	0	5018	491	1254	0	0	163
164	-1831	825	831	411	847	-1847	85	-5258	0	-18	413	50	-5290	*	0	5316	520	1328	0	0	164
165	-1931	910	827	306	836	-1939	86	-5633	0	-169	313	-151	-5650	*	0	5576	545	1492	0	0	165
166	-1948	864	950	594	980	-2027	88	-6667	0	176	605	238	-5729	*	0	5852	572	1460	0	0	166
167	-2130	971	953	354	963	-2141	86	-6154	0	-45	362	-23	-6175	*	0	6163	603	1537	0	0	167
168	-2159	879	1094	401	1107	-2171	86	-6009	0	452	412	478	-6035	*	0	6289	615	1568	0	0	168
129	-2179	1017	945	-89	946	-2180	89	-6344	0	-151	-92	-149	-6346	*	0	6272	613	1564	0	0	129
130	-2135	994	929	-70	930	-2136	89	-6211	0	-153	-75	-132	-6212	*	0	6146	601	1533	0	0	130
131	-2135	968	962	-13	962	-2135	89	-6156	0	-12	-14	-12	-6156	*	0	6150	601	1533	0	0	131
132	-2025	925	903	-37	903	-2025	89	-5850	0	-43	-37	-43	-5850	*	0	5828	570	1454	0	0	132
135	-2237	1019	1002	-184	1004	-2240	88	-6058	0	-33	-193	-27	-6064	*	0	6451	631	1608	0	0	135
136	-2149	1005	929	-169	932	-2151	88	-6262	0	-159	-177	-154	-6267	*	0	6191	605	1544	0	0	136
137	-2149	979	962	-112	963	-2150	88	-6207	0	-38	-116	-36	-6210	*	0	6192	605	1544	0	0	137
138	-2072	934	940	-75	940	-2072	89	-5959	0	17	-79	-18	-5960	*	0	5970	584	1489	0	0	138
141	-2244	1024	1002	-225	1006	-2248	87	-6485	0	-47	-232	-18	-6493	*	0	6474	633	1614	0	0	141
142	-2200	992	997	-197	1000	-2203	88	-6328	0	12	-205	18	-6337	*	0	6347	621	1582	0	0	142
143	-2200	990	1000	-116	1001	-2201	88	-6328	0	20	-121	22	-6330	*	0	6341	620	1581	0	0	143
144	-2113	967	940	-107	941	-2114	88	-6111	0	-57	-110	-55	-6113	*	0	6086	595	1517	0	0	144
147	-2300	996	1092	-202	1095	-2303	88	-6531	0	205	-208	211	-6538	*	0	6646	650	1657	0	0	147
148	-2302	1032	1051	-222	1055	-2306	88	-6614	0	37	-230	45	-6622	*	0	6645	650	1656	0	0	148
149	-2217	1006	997	-205	1000	-2220	88	-6393	0	-18	-212	-11	-6400	*	0	6394	625	1594	0	0	149
150	-2217	1004	1000	-123	1001	-2220	88	-6390	0	-10	-127	-7	-6392	*	0	6389	625	1593	0	0	150
151	-2195	980	1007	-98	1008	-2196	89	-6296	0	59	-101	60	-6298	*	0	6328	619	1577	0	0	151
155	-2344	1009	1121	-8	1121	-2344	89	-6653	0	222	14	222	-6653	*	0	6767	662	1687	0	0	155
156	-2344	1027	1099	-90	1099	-2345	89	-6689	0	142	-87	143	-6690	*	0	6763	661	1686	0	0	156
157	-2297	995	1092	-131	1093	-2299	88	-6522	0	211	-129	214	-6525	*	0	6635	649	1654	0	0	157
158	-2260	998	1051	-137	1053	-2262	88	-6459	0	116	-138	119	-6462	*	0	6523	638	1626	0	0	158
159	-2297	1024	1056	-107	1057	-2298	89	-6589	0	64	-107	66	-6591	*	0	6624	648	1651	0	0	159
160	-2260	1016	1029	-77	1030	-2261	89	-6499	0	27	-79	28	-6500	*	0	6515	637	1624	0	0	160
161	-2239	1016	1007	-80	1007	-2239	89	-6459	0	-20	-83	-19	-6460	*	0	6450	631	1608	0	0	161
164	-2253	1036	996	206	999	-2257	88	-6536	0	-103	214	406	-6543	*	0	6495	635	1620	0	0	164
170	-2253	935	1121	208	1124	-2257	88	-6307	0	399	224	406	-6314	*	0	6527	638	1627	0	0	170
178	-1824	903	729	136	731	-1826	88	-5409	0	-357	138	-353	-5413	*	0	5245	513	1310	0	0	178
179	-1850	887	775	137	777	-1852	88	-5420	0	-217	140	-213	-5423	*	0	5320	520	1329	0	0	179
180	-1953	928	827	316	836	-1962	86	-5715	0	-211	321	-192	-5734	*	0	5640	551	1407	0	0	180
181	-1972	917	860	322	865	-1977	86	-5726	0	-211	254	-99	-5737	*	0	5688	556	1419	0	0	181
182	-2048	936	953	322	961	-2047	86	-5997	0	33	329	51	-6015	*	0	6041	591	1506	0	0	182
183	-2084	902	996	303	1003	-2096	87	-5919	0	204	312	220	-5935	*	0	6048	591	1508	0	0	183
171	-2284	1030	1034	105	1035	-2284	89	-6360	0	-6	113	-4	-6362	*	0	6540	643	1640	0	0	171
172	-2277	972	1099	46	1099	-2277	89	-6435	0	270	56	271	-6435	*	0	6575	643	1639	0	0	172
173	-2262	1010	1037	14	1038	-2262	89	-6494	0	50	20	50	-6494	*	0	6519	637	1625	0	0	173
174	-2262	1015	1032	-33	1032	-2262	89	-6502	0	31	-31	31	-6502	*	0	6514	637	1625	0	0	174
175	-2269	1001	1056	-52	1056	-2269	89	-6483	0	118	-49	119	-6483	*	0	6544	640	1631	0	0	175
176	-2269	1023	1029	-26	1029	-2269	89	-6530	0	14	-25	14	-6530	*	0	6537	639	1630	0	0	176
177	-2286	1028	1040	-36	1040	-2286	89	-6575	0	25	-36	25	-6575	*	0	6588	644	1642	0	0	177
174	-2168	1033	914	137	916	-2169	88	-6358	0	-258	144	-254	-6362	*	0	6238	610	1556	0	0	174
185	-2178	948	1034	170	1036	-2180	88	-6183	0	195	179	200	-6184	*	0	6291	615	1549	0	0	185
186	-2211	1016	978	76	978	-2211	89	-6405	0	-84	82	-83	-6406	*	0	6365	622	1587	0	0	186
187	-2227	982	1037	79	1038	-2228	89	-6362	0	118	88	119	-6363	*	0	6424	628	1602	0	0	187
188	-2242	1012	1015	15	1015	-2242	89	-6457	0	3	19	3	-6457	*	0	6458	631	1610	0	0	188
189	-2250	1005	1032	13	1032	-2250	89	-6458	0	54	18	54	-6458	*	0	6485	634	1617	0	0	189
190	-2257	1027	1011	-26	1011	-2257	89	-6519	0	-37	-27	-37	-6519	*	0	6500	636	1621	0	0	190
191	-2297	1037	1040	-0	1040	-2297	89	-6614	0	7	0	7	-6614	*	0	6618	647	1650	0	0	191
192	-1883	959	719	4	719	-1883	89	-5636	0	-481	4	-481	-5636	*	0	5412	529	1351	0	0	192
193	-1944	964	775	67	776	-1945	89	-5772	0	-388	69	-387	-5773	*	0	5589	546	1395	0	0	193
194	-1944	959	782	49	782	-1944	89	-5755	0	-349	51	-349	-5755	*	0	5589	546	1395	0	0	194

195	-2036	470	460	148	402	-2038	-88	-5967	0	-227	152	-223	-5971	0	5462	573	1462	0	195
196	-2039	928	414	168	917	-2042	-86	-5840	0	-19	175	-14	-5845	0	5478	575	1466	0	196
197	-2111	1045	845	49	846	-2112	-88	-6265	0	-410	46	-409	-6266	0	6071	594	1514	0	197
198	-2157	972	98	98	979	-2157	-89	-6204	0	15	106	17	-6206	0	6215	608	1550	0	198
199	-2191	1014	962	-41	962	-2191	-89	-6356	0	-102	34	-102	-6356	0	6432	617	1572	0	199
200	-2232	1004	1015	49	1015	-2232	-89	-6419	0	23	55	23	-6420	0	6432	629	1604	0	200
201	-2235	1010	1011	23	1011	-2235	-89	-6436	0	6	26	6	-6436	0	6439	630	1606	0	201
202	-2258	1039	998	-20	998	-2258	-89	-6544	0	-87	18	-87	-6544	0	6501	636	1621	0	202
203	-1886	962	719	4	719	-1887	-89	-5851	0	-484	4	-484	-5851	0	5423	530	1553	0	203
204	-1894	1014	662	-49	662	-1898	-89	-5786	0	-714	46	-714	-5787	0	5465	534	1563	0	204
205	-1898	1015	667	-111	668	-1899	-89	-5778	0	-697	108	-695	-5781	0	5466	534	1564	0	205
206	-1998	1002	782	-23	782	-1998	-89	-5955	0	-428	18	-427	-5955	0	5744	562	1632	0	206
207	-1998	951	805	-42	806	-1998	-89	-5842	0	-199	38	-199	-5842	0	5745	562	1633	0	207
208	-2074	1078	766	-215	770	-2078	-87	-6259	0	-534	207	-526	-6267	0	5978	584	1491	0	208
209	-2074	1027	829	-296	836	-2081	-87	-6152	0	-396	195	-381	-6167	0	5985	585	1492	0	209
210	-2230	1046	962	-124	963	-2231	-88	-6500	0	-171	125	-169	-6502	0	6419	628	1601	0	210
211	-2230	1016	998	-80	999	-2230	-89	-6436	0	-29	76	-28	-6436	0	6422	628	1601	0	211
212	-2341	1034	1083	-205	1086	-2344	-88	-6497	0	101	205	107	-6703	0	6757	661	1685	0	212
213	-1836	968	662	-13	662	-1836	-89	-5860	0	-605	13	-605	-5860	0	5283	516	1318	0	213
214	-1849	1028	602	-78	603	-1850	-89	-5710	0	-850	72	-849	-5711	0	5338	522	1331	0	214
215	-1849	968	667	-136	669	-1842	-88	-5568	0	-595	134	-591	-5572	0	5301	518	1322	0	215
216	-1888	1053	611	-250	618	-1894	-87	-5837	0	-883	243	-871	-5849	0	5466	534	1363	0	216
217	-1928	959	766	-212	770	-1932	-87	-5719	0	-368	207	-360	-5727	0	5555	543	1366	0	217
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224	-1803	983	611	-199	615	-1807	-87	-5525	0	-732	197	-724	-5533	0	5208	509	1299	0	224
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227	-2048	1080	739	-591	770	-2079	-83	-6205	0	-677	587	-616	-6267	0	5983	585	1492	0	227
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233	-1676	926	553	-208	558	-1680	-87	-5156	0	-726	206	-717	-5165	0	4807	474	1209	0	233
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236	-1889	1058	552	-1130	664	-2001	-78	-5410	0	54	1128	-278	-5634	0	5778	565	1441	0	236
237	-2323	1423	544	-1809	852	-2581	-74	-7458	0	-1711	1786	-1201	-7968	0	7440	728	1855	0	237
238	-1613	921	496	-224	502	-1619	-87	-5029	0	-851	219	-840	-5041	0	4678	457	1167	0	238
239	-1722	988	523	-109	525	-1724	-88	-5380	0	-929	109	-926	-5383	0	4904	487	1243	0	239
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243	-1704	902	563	-712	617	-1759	-81	-5241	0	-737	714	-627	-5351	0	5067	495	1263	0	243
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245	-1536	779	594	-1430	812	-1754	-73	-4561	0	-311	1424	121	-4994	0	5056	494	1261	0	245
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248	-1340	552	671	-68	672	-1341	-89	-3742	0	258	60	259	-3743	0	3879	379	967	0	248
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267	-732	501	124	-1292	470	-1079	61	-2464	0	-755	-1273	-77	-3143	0	3105	303	774	0	0	267
268	-318	58	251	-765	443	-511	63	-712	0	424	-759	404	-1092	0	1649	161	411	0	0	268
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307	-1148	421	638	-161	641	-1151	87	-3112	0	430	-159	437	-3119	0	3359	328	837	0	0	307
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