



Column1					

GEOMETRY					

Nodal Coordinates:					
(Node No X - Y - Z)					
NODES =					
1.00000 0.00000 0.00000					
2.00000 0.00000 12.00000					
3.00000 0.00000 27.00000					
4.00000 0.00000 42.00000					
5.00000 0.00000 54.00000					
6.00000 84.46000 12.14660					
7.00000 84.46000 42.14660					

					= Restrai	ned, 0 =	: Free			
(Node No Tx - Ty - Rz)										
BOUND	S =									
1 1	1 ()								
6 1										
7 1										
, +		•								
Elemen						_	:			
(Ele No.	- iN	iode	- jNo	ode -	- Membe	r Type	- E - A - I)			
ELES =										
1	1		2	0	29000	9999	999999			
2	2		3	0	29000	9999	999999			
3	3		4	0	29000	9999	999999			
4	4	. ,	5	0	29000	9999	999999			
5	4		7	1	29000	5	50			
6	4		6		29000	5	50			
7	2		7		29000	5	50			
اممالما										
Load Inf				N 4-\						
(Node No Fx - Fy - Mz)										
LOADS =	_									
	_	_								
1	0	0 1	1000)						
plotFile	=,	//1.	OU.	TPU	T/Analysi	s2Stiffr	ess.png			
ans =										
-8.4460 92.9060 -23.6760 77.6760										
*****	***	****	***	***	*****	*****	*****			

ANALYSIS										
******	*******	*****	******							
cff =										
Columns 1 thro	ugh 5:									
9666657000.0	00000 1208	332125.0	0000			483332				
1208332125.0		01130.34					9565.0	00000	-1031110	08.0000
0.00000			495838.06			0.00000		0.0000		
4833328500.0		99565.00							7733325	
0.00000	-103111008		0.00						2016.0000	0
0.00000	0.0000		31400.000			00000		0.00000		
0.00000	-773332560			000		62800.C			.00000	
0.00000	0.0000		0.00000			0 -103)	
0.00000	0.0000		0.00000		0.0000		0.000			
0.00000	0.0000		0.00000			0 -773)	
0.00000	0.0000		0.00000		0.0000		0.000			
0.00000	0.0000		0.00000		0.0000		0.000			
0.00000	0.0000	0 (0.00000		0.0000	0	0.000	00		
0.00000	0.0000	0 (0.00000		0.0000	0	0.000	00		
	-773332560		0.00	000		.00000		0.00000)	
-19331400.00	0000 0	00000	0.000	000	0.	00000		.00000		
0.00000	386666280	0.00000	0.00	0000	C	0.00000		0.0000	0	
0.00000	0.0000	0 -1031	11008.00	000	0	.00000	-7733	32560.	00000	
38662800.00	0000 0.	00000	0.000	000	-19331	400.000	000	0.0	0000	
0.00000	1546665120	0.00000	773332	560.0	00000	0.0	00000	38666	62800.00	000
0.00000	773332560	.00000	3045028	51.83	3659	-503.	72186	-4349	99565.000	000
-19331400.00	0000 0	00000	-503.7	2186	4349	95842.3	7172	0.	00000	
0.00000	386666280	0.00000	-434999!	565.0	0000	0.0	0000	173999	982600.00	000
0.00000	0.0000	0 -2013	88687.50	000	0	.00000	1208	332125	.00000	
0.00000	0.0000	0 (0.00000	-241	L64250.	00000	C	0.00000		
0.00000	0.0000	0 -1208	332125.0	0000	(0.00000	4833	328500	0.00000	
Columns 11 thr	ough 13:									
0.00000	0.0000	0 (0.00000							
0.00000	0.0000	0 (0.00000							
0.00000	0.0000	0 (0.00000							
0.00000	0.0000	0 (0.00000							
0.00000	0.0000		0.00000							
0.00000	0.0000		0.00000							
0.00000	0.0000	0 (0.00000							
-201388687.5			-1208332							

0.00000	-24164250.00000	0.00000						
1208332125.0	0.0000	4833328500.00000						
201388687.50	0.00000	1208332125.00000						
0.00000 24164250.00000 0.00000								
1208332125.00000 0.00000 9666657000.00000								
Number of dof: 1	Number of dof: 13							
Number of loads	: 1							
LOADS =								
1 0 0 1	000							
deg = 1								
P =								
1000								
0								
0								
0								
0								
0								
0								
0								
0								
0								
0								
0								
0								
uf =								
0.00017364187								
-0.00208147735								
-0.00000010768								
0.00017329249								
-0.00467863833								
-0.00000029719								
0.00017302533								
-0.00727312768								
-0.00000048670								
0.00017293627								
-0.00934836294								
-0.00000048670								
0.00017293627								
212302720027								
******	*******	*****						
Post Process								
2222000								

```
************
Nodal Displacements:
(Node No. - Tx - Ty - Rz)
NodalDisp =
 1.00000 0.00000 0.00000 0.00017
 2.00000 -0.00208 -0.00000 0.00017
 3.00000 -0.00468 -0.00000 0.00017
 4.00000 -0.00727 -0.00000 0.00017
 5.00000 -0.00935 -0.00000 0.00017
 6.00000 \ 0.00000 \ 0.00000 \ 0.00000
 7.00000 0.00000 0.00000 0.00000
Global Member Forces:
(Element No. - iFx - iFy - iMz - jFx - jFy - jMz)
GlobalForces =
  1.00000 -25.94285 2.60198 1000.00000 25.94285 -2.60198 -688.68582
  2.00000 -22.95619 3.66354 688.68582 22.95619 -3.66354 -344.34291
  3.00000 -22.95619 3.66354 344.34291 22.95619 -3.66354 0.00000
  4.00000 0.00000 0.00000 -0.00000 -0.00000 0.00000 -0.00000
  5.00000 -12.48637 -0.02159 0.00000 12.48637 0.02159 0.00740
  6.00000 -10.46982 3.68513 0.00000 10.46982 -3.68513 -1.31414
  7.00000 -2.98665 -1.06156 0.00000 2.98665 1.06156 0.37841
Local Member Forces:
(Element No. - iFx - iFy - iMz - jFx - jFy - jMz)
LocalForces =
  1.00000 2.60198 25.94285 1000.00000 -2.60198 -25.94285 -688.68582
  2.00000 3.66354 22.95619 688.68582 -3.66354 -22.95619 -344.34291
  3.00000 3.66354 22.95619 344.34291 -3.66354 -22.95619 0.00000
  4.00000 0.00000 -0.00000 -0.00000 0.00000 -0.00000
  5.00000 -12.48639 0.00009 0.00000 12.48639 -0.00009 0.00740
  6.00000 -11.09942 -0.01467 0.00000 11.09942 0.01467 -1.31414
```

7.00000	-3.16970	0.00422	0.00000	3.16970	-0.00422	0.37841			
	Nodal Support Reactions:								
(Node No	(Node No Fx - Fy - Mz)								
Support =									
1.00000	-25.94285	2.60198	0.00000						
2.00000	0.00000	0.00000	0.00000						
3.00000	0.00000	0.00000	0.00000						
4.00000	0.00000	0.00000	0.00000						
5.00000	0.00000	0.00000	0.00000						
6.00000	10.46982	-3.68513	-1.31414						
7.00000	15.47303	1.08314	0.38581						
sumFx = -0.0000000029384									
sumFy = 4.4409e-16									
sumMz = -0	sumMz = -0.92833								