

b		24
h		1
L		4
E		1.00E+00
I		1
6E/L2		0.75
12E/L3		0.375
4E/L		2
2E/L		1

		Elemento 1-2			
Fef		MATRIZ ELEMENTO EJES GLOBALES			
24	8	0.375	0.75	-0.375	0.75
16	1	0.75	2	-0.75	1
24	3	-0.375	-0.75	0.375	-0.75
-16	2	0.75	1	-0.75	2

P	0
w	-12
Ffle	24
	16
*	24
	-16

b		12
h		1
L		4
E		1.00E+00
I		1
6E/L2		0.375
12E/L3		0.1875
4E/L		1
2E/L		0.5

		Elemento 2-3			
Fef		MATRIZ ELEMENTO EJES GLOBALES			
24	3	0.1875	0.375	-0.1875	0.375
16	2	0.375	1	-0.375	0.5
24	9	-0.188	-0.375	0.1875	-0.375
-16	4	0.375	0.5	-0.375	1

P ³	0 a
P	0
w	-12
Ffle	24
	16
*	24
	-16

b		12
h		1
L		3
E		1.00E+00
I		1
3E/L2		3.33E-01
3E/L3		1.11E-01
3E/L		1.00E+00
3E/L		0

		Elemento 3-4			
Fef		MATRIZ ELEMENTO EJES GLOBALES			
22.5	9	0.1111	0.33333	-0.1111	0
13.5	4	0.3333	1	-0.3333	0
13.5	5	-0.111	-0.3333	0.11111	0
0	0	0	0	0	0

P	0
w	-12
Ffle	18
	9
*	18
	-9

b		12
h		1
L		3
E		1.00E+00
I		1
3E/L2		3.33E-01
3E/L3		1.11E-01
3E/L		1.00E+00
3E/L		0

		Elemento 4-5			
Fef		MATRIZ ELEMENTO EJES GLOBALES			
13.5	5	0.1111	0	-0.1111	0.33333
0	0	0	0	0	0
22.5	10	-0.111	0	0.11111	-0.3333
-13.5	6	0.3333	0	-0.3333	1

P	0
w	-12
Ffle	18
	9
*	18
	-9

b		12
h		1
L		6
E		1.00E+00
I		1
6E/L2		0.16666667
12E/L3		0.05555556
4E/L		0.66666667
2E/L		0.33333333

		Elemento 5-6			
Fef		MATRIZ ELEMENTO EJES GLOBALES			
66	10	0.0556	0.16667	-0.0556	0.16667
81	6	0.1667	0.66667	-0.1667	0.33333
66	11	-0.056	-0.1667	0.05556	-0.1667
-81	7	0.1667	0.33333	-0.1667	0.66667

P	-60
w	-12
Ffle	66
	81
*	66
	-81

		ensamble											
F		Ff											
M1=	0	1	16	2	1	-0.75	0.0	0.0	0.0	0	0.75	0	0
M2=	0	2	0	2	3	-0.375	0.5	0	0.0	0	0.75	-0.375	0
Y2=	-60	3	48	3	-0.75	-0.375	0.5625	0.375	0	0	-0.375	-0.1875	0
M3=	0	4	-2.5	4	0.0	0.5	0.375	2	-0.3333	0	0	-0.0417	0
Y4=	0	5	27	5	0.0	0	0	-0.3333	0.22222	0.33333	0	-0.1111	-0.1111
M5=	0	6	67.5	6	0.0	0.0	0	0	0.33333	1.66667	0.33333	0	-0.16667
M6=	-24	7	-81	7	0.0	0	0	0	0.33333	0.66667	0	0.16667	-0.16667
Y1	0	8	24	8	0.75	0.75	-0.375	0	0.0	0	0.375	0	0
Y3	0	9	46.5	9	0.0	-0.375	-0.1875	-0.0417	-0.1111	0	0	0.29861	0
Y5	0	10	88.5	10	0.0	0.0	0.0	0	-0.1111	-0.1667	0.16667	0	0.16667
Y6	-24	11	66	11	0	0	0	0	-0.1667	-0.1667	0	-0.05556	0.05556

U	01
	02
	v2
	03
	v4
	05
	06
v1	
v3	
v5	
v6	

FN	-	FNF
1	0	16
2	0	0
3	-60	48
4	0	-2.5
5	0	27
6	0	67.5
7	-24	-81

01	-247.843897	1.346	-0.07692556	2.1538	-0.6154	-1.3846	0.30768	-0.1538
02	-39.9219483	-0.077	0.46153722	0.4102	-0.3077	-0.6923	0.15384	-0.0769
v2	-692.812989	2.154	0.41024813	6.2905	-2.0512	-4.6153	1.0256	-0.5128
03	215.609742	-0.615	-0.30768609	-2.051	1.53843	3.46144	-0.7692	0.38459
v4	446.865383	-1.385	-0.69228852	-4.615	3.46144	14.5382	-3.2307	1.61531
05	-163.301324	0.308	0.15383959	1.0256	-0.7692	-3.2307	1.38458	-0.6923
06	167.14901	-0.154	-0.07691864	-0.513	0.38459	1.61531	-0.6923	1.84613

FN-FNF	-16.00
	0.00
*	-108.00
	2.50
	-27.00
	-67.50
	57.00

FA	Faf-fa	KAN*UN
Y1	67.98	43.98
Y3	132.74	86.24
Y5	93.92	5.42
Y6	89.36	-0.64

Elemento 12		F12		Ue	
67.98		24	43.98	8	0
0.00		16	-16.00	1	-247.84
-19.98		24	-43.98	3	-692.81
175.92		-16	191.92	2	-39.922

Elemento 23		F23		Ue	
-40.02		24	-64.02	3	-692.81
-175.92		16	-191.92	2	-39.922
88.02		24	64.02	9	0
-80.16		-16	-64.16	4	215.61

Elemento 34		F34		Ue	
#(REF1)		22.5	#(REF1)	9	0
#(REF1)		13.5	#(REF1)	4	215.61
#(REF1)		13.5	#(REF1)	5	446.865
#(REF1)		0	#(REF1)	0	#(REF1)

Elemento 45		F34		Ue	
#(REF1)		13.5	#(REF1)	5	446.865
#(REF1)		0	#(REF1)	0	#(REF1)
#(REF1)		22.5	#(REF1)	10	0
#(REF1)		-13.5	#(REF1)	6	-163.3

Elemento 56		F34		Ue	
66.64		66	0.64	10	0
27.85		81	-53.15	6	-163.3
65.36		66	-0.64	11	0
-24.00		-81	57.00	7	167.149