

/	()																								
			1	2	3	4	5	6	7	8	9	10	11												
														17	17	17	17	17	17	17	17	17	17	17	0
(- -)/																									
1. .06.08	5:	6	-	4	-	-	-	3	108	68	34	-	34	40	-	-	-	2-0-2 40*	-	-	-	-	-	-	-
1. .06.09		5	1	-	-	-	-	4	144	51	34	-	17	93	2-0-1 93*	-	-	-	-	-	-	-	-	-	-
1. .06.10		5	-	2	-	-	-	4	144	51	17	-	34	93	-	1-0-2 93*	-	-	-	-	-	-	-	-	-
1. .06.11		3	1	-	-	-	-	4	144	68	34	-	34	76	2-0-2 76*	-	-	-	-	-	-	-	-	-	-
1. .06.12		4	2,3	4	-	-	-	11	396	204	102	51	51	192	-	2-1-1 76*	2-1-1 76*	2-1-1 40*	-	-	-	-	-	-	-
1. .06.13		2	-	-	1	-	-	3	108	51	17	34	-	57	1-2-0 57*	-	-	-	-	-	-	-	-	-	-
1. .06.14		5	-	-	2	-	-	3	108	34	17	17	-	74	-	1-1-0 74*	-	-	-	-	-	-	-	-	-
1. .06.15		3	-	2	1	-	-	6	216	68	-	-	68	148	0-0-2 74*	0-0-2 74*	-	-	-	-	-	-	-	-	-
1. .06.16		3	4	-	3	-	-	6	216	102	68	-	34	114	-	-	2-0-1 57*	2-0-1 57*	-	-	-	-	-	-	-
1. .06.17		7	3	-	4	-	4	7	252	102	68	17	17	150	-	-	2-1-0 93*	2-0-1 57*	-	-	-	-	-	-	-
1. .06.18		2	-	-	3	-	-	3	108	51	34	17	-	57	-	-	2-1-0 57*	-	-	-	-	-	-	-	-
1. .06.19		8	4	-	-	-	-	3	108	68	34	17	17	40	-	-	-	2-1-1 40*	-	-	-	-	-	-	-
1. .06.20		8	3	-	-	-	-	3	108	51	34	17	-	57	-	-	2-1-0 57*	-	-	-	-	-	-	-	-
1. .06.21		2	-	-	3	-	-	3	108	51	34	-	17	57	-	-	2-0-1 57*	-	-	-	-	-	-	-	-
1. .06.22		4	-	-	9	-	-	3	108	51	34	-	17	57	-	-	-	-	-	-	-	-	2-0-1 57*	-	-
1. .06.23		7	-	6	-	-	-	4	144	68	34	17	17	76	-	-	-	-	-	-	2-1-1 76*	-	-	-	-

/	()																									
			1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11		
														17	17	17	17	17	17	17	17	17	17	17	0	
														(- -)/												
1. .06.24		1	8	-	-	-	-	3	108	68	17	-	51	40	-	-	-	-	-	-	-	1-0-3 40*	-	-	-	
1. .06.25		2	5	-	-	-	-	4	144	68	34	34	-	76	-	-	-	-	2-2-0 76*	-	-	-	-	-	-	
1. .06.26		7	7	8	-	8	-	8	288	136	68	34	34	152	-	-	-	-	-	-	2-1-1 76*	2-1-1 76*	-	-	-	
1. .06.27		9	6	-	-	-	-	5	180	68	34	34	-	112	-	-	-	-	-	2-2-0 112*	-	-	-	-	-	
1. .06.28		3	5	-	-	-	-	4	144	51	-	-	51	93	-	-	-	-	0-0-3 93*	-	-	-	-	-	-	
1. .06.29		1	7	5,6	8	-	-	18	648	238	119	119	-	410	-	-	-	-	2-2-0 112*	2-2-0 112*	2-1-0 129*	1-2-0 57*	-	-	-	
1. .06.30		1	7	-	-	-	7	6	216	85	51	17	17	131	-	-	-	-	-	-	3-1-1 131*	-	-	-	-	
1. .06.31		1	-	5,6	-	-	-	7	252	102	68	-	34	150	-	-	-	-	2-0-1 93*	2-0-1 57*	-	-	-	-	-	
1. .06.32		1	10	-	-	-	-	4	144	51	34	-	17	93	-	-	-	-	-	-	-	-	-	2-0-1 93*	-	
1. .06.33		1	-	-	10	-	-	3	108	51	34	17	-	57	-	-	-	-	-	-	-	-	-	-	2-1-0 57*	-
1. .06.34		1	-	8	7	-	-	6	216	102	68	-	34	114	-	-	-	-	-	-	2-0-1 57*	2-0-1 57*	-	-	-	-
1. .06.35		1	-	9	-	-	-	5	180	85	34	17	34	95	-	-	-	-	-	-	-	-	-	2-1-2 95*	-	-
1. .06.36		1	8	-	-	8	-	6	216	68	51	17	-	148	-	-	-	-	-	-	-	3-1-0 148*	-	-	-	-
1. .06.37		1	9	10	-	10	-	10	360	136	51	34	51	224	-	-	-	-	-	-	-	-	2-1-1 112*	1-1-2 112*	-	-
1. .06.38		2	9	-	8	9	-	7	252	85	34	51	-	167	-	-	-	-	-	-	-	1-2-0 57*	1-1-0 110*	-	-	-
1. .06.39		3	-	7	-	-	-	4	144	68	34	34	-	76	-	-	-	-	-	-	2-2-0 76*	-	-	-	-	-

3.

1	284	10598	4607	2074	833	1700	5991
2	40	1440					1440
3	6	216					216
	330	12254	4607	2074	833	1700	7647

4.

	1			2			3			4			5			6																
	1		2	3		4	5		6	7		8	9		10		11															
																
1	29	527	585	29,5	476	654	29	527	585	29,5	544	586	29	493	619	28	442	600	29	425	619	25	408	492	29	391	653	27	374	598		
2				1,5		54				1,5		54				3		108				6		216				4		144	24	864
3																													6	216		
	29	527	585	31	476	708	29	527	585	31	544	640	29	493	619	31	442	708	29	425	619	31	408	708	29	391	653	31	374	742	30	1080
		30			28			31			32			29			26			25			24			23			22			

5.

							1		2		3		4		5		6
		1	2	3	4	5	6	7	8	9	10	11					
	330						29	31	29	31	29	31	29	31	29	31	30
(-)	12254	4607	2074	833	1700	7647	52.95	53.82	52.95	53.82	52.95	52.27	49.71	46.5	49.71	50.73	56.84
	4													2	1	1	
	3								1				1			1	
	32						4	3	4	4	2	2	3	3	3	3	1
	26							3		3	4	6	2	2	3	3	
	33						6	5	6	5	2	1	2	3	1	2	
	8							1		1		1		1		1	1

6.

1. .01		10	1	-1	,
1. .01		10	1	-4	,
1. .02		10	2	-4	,
1. .03		7	1	-6	
1. .03		7	2	-6	
1. .03		7	3	-6	
1. .03		7	4	-6	
1. .03		7	4	-2	
1. .03		7	3	-2	
1. .03		7	2	-2	
1. .03		7	1	-2	
1. .04		5	6	-10	,
1. .04		5	6	-2	,

1. .04		5	6	-8	,
1. .04		5	6	-10	,
1. .05.01		5	1	-9	
1. .05.02		5	1	-9	
1. .05.02		5	2	-9	
1. .05.02		5	3	-9	
1. .05.02		5	4	-9	
1. .05.02		5	5	-9	
1. .05.02		5	6	-9	
1. .06.01		4	4	-5	
1. .06.02		4	4	-7	
1. .06.02		4	4	-3	,
1. .06.03		10	3	-3	,
1. .06.03		10	3	-3	,
1. .06.04	1:	6	1	-1	-
1. .06.04	1:	6	1	-6	,

1. .06.05	2:	6	1	-1	-
1. .06.05	2:	6	1	-6	,
1. .06.06	3:	6	2	-1	-
1. .06.06	3:	6	2	-6	,
1. .06.07	4:	6	3	-1	-
1. .06.07	4:	6	3	-6	,
1. .06.08	5: ,	6	4	-1	-
1. .06.08	5: ,	6	4	-6	,
1. .06.09		5	1	-1	-
1. .06.10		5	2	-1	-
1. .06.11		3	1	-3	-

1. .06.12		4	2	-1	-
1. .06.12		4	3	-1	-
1. .06.12		4	4	-1	-
1. .06.12		4	4	-6	,
1. .06.12		4	3	-6	,
1. .06.12		4	2	-6	,
1. .06.13		2	1	-1	-
1. .06.13		2	1	-6	,
1. .06.14		5	2	-10	,
1. .06.14		5	2	-2.5	-
1. .06.15		3	1	-3	-
1. .06.15		3	2	-3	-
1. .06.16		3	3	-3	-
1. .06.16		3	4	-3	-

1. .06.17		7	3	-3	-
1. .06.17		7	4	-3	-
1. .06.18		2	3	-2.5	-
1. .06.19		8	4	-3	-
1. .06.20		8	3	-3	-
1. .06.21		2	3	-2.5	-
1. .06.22		4	9	-4	,
1. .06.23		7	6	-1	-
1. .06.23		7	6	-6	,
1. .06.24		1	8	-8	,
1. .06.24		1	8	-9	,
1. .06.25		2	5	-2.5	-
1. .06.26		7	7	-3	-
1. .06.26		7	8	-3	-
1. .06.27		9	6	-3	-

1. .06.28		3	5	-4	
1. .06.28		3	5	-2.1	
1. .06.29	-	1	8	-1	
1. .06.29	-	1	5	-1	
1. .06.29	-	1	6	-1	
1. .06.29	-	1	7	-1	
1. .06.30		1	7	-2.2	
1. .06.31		1	6	-2.2	
1. .06.31		1	5	-2.2	
1. .06.32		1	10	-2	
1. .06.33		1	10	-3	
1. .06.33		1	10	-2.4	
1. .06.34		1	8	-2.2	

1. .06.34		1	7	-2.2	-
1. .06.35		1	9	-2.2	-
1. .06.36		1	8	-2.2	-
1. .06.37		1	9	-2.2	-
1. .06.37		1	10	-2.2	-
1. .06.38		2	8	-2.2	-
1. .06.38		2	9	-2.2	-
1. .06.39		3	7	-2.2	-
1. .01		1	4	-1	-
1. .02		1	2	-4	,
1. .03		1	6	-4	,
1. .03		1	6	-5	,
1. .04		9	5	-2.2	-
1. .05		1	9	-2.3	-

1. .06		1	9	-2.3	-
1. .07		1	10	-2.2	-
1. .08		2	5		
1. .09		2	7	-2.5	-
1. .10	-	1	10	-1	- ,
1. .10	-	1	10	-2	-
1. .10	-	1	10	-3	-
1. .10	-	1	10	-4	
1. .11	,	2	5	-2.5	-
1. .12		1	6	-2.2	-
1. . .01		5	4	-3	, , ,
1. . .02		10	4	-3	, , ,
1. . .03		7	2	-2.2	-
1. . .04		6	2	-1	-
1. . .05		4	7	-2.5	-
1. . .06		4	7	-2.5	-

1. . .07		1	10	-2.5	-
1. . .08		1	10	-2.5	-
1. . .09	ANSYS	7	9	-2.2	-
1. . .09	ANSYS	7	10	-2.2	-
1. . .10		7	10	-2.2	-
1. . .10		7	9	-2.2	-
1. . .11		6	8	-2.2	-
1. . .12		6	8	-2.2	-
2. .01.01	:	1	2	-8	,
2. .01.01	:	1	4	-8	,
2. .01.01	:	1	6	-8	,
2. .01.02	:	1	8	-6	,
2. .01.03	: ()	2	10	-2.5	-

2. .01.04	:	1	11	-7	,
3. .01		1	11	-1	,
3. .01		1	11	-10	,
3. .01		1	11	-2	,
3. .01		1	11	-3	,
3. .01		1	11	-4	,
3. .01		1	11	-5	
3. .01		1	11	-6	
3. .01		1	11	-7	
3. .01		1	11	-8	,
3. .01		1	11	-9	
3. .01		1	11	-1	-

3. .01		1	11	-10	,
3. .01		1	11	-2	
3. .01		1	11	-3	,
3. .01		1	11	-4	,
3. .01		1	11	-5	,
3. .01		1	11	-6	,
3. .01		1	11	-7	,
3. .01		1	11	-8	,
3. .01		1	11	-9	,
3. .01		1	11	-1	-
3. .01		1	11	-2	-

3. .01		1	11	-3	-
3. .01		1	11	-4	
3. .01		1	11	-2.1	, -
3. .01		1	11	-2.2	-
3. .01		1	11	-2.3	-
3. .01		1	11	-2.4	, -
3. .01		1	11	-2.5	-