

/	()																					
														1	2	3	4	5	6	7	8	
														17	17	17	17	17	17	17	13	
														(- -)/								
1	1. ()																					
1. .00								187	6732	2985	1518	255	1212	3747								
1. .01	10	1	-	-	-	-	4	144	51	34	-	17	93	2-0-1 93*	-	-	-	-	-	-	-	-
1. .02	10	2	-	-	-	-	4	144	51	34	-	17	93	-	2-0-1 93*	-	-	-	-	-	-	-
1. .03	7	4	-	1,2,3	-	-	12	432	136	-	-	136	296	0-0-2 74*	0-0-2 74*	0-0-2 74*	0-0-2 74*	-	-	-	-	
1. .04	5	6	-	-	-	-	3	108	68	34	17	17	40	-	-	-	-	-	2-1-1 40*	-	-	
1. .05.01	5	-	-	1	-	-	2	72	17	17	-	-	55	1-0-0 55*	-	-	-	-	-	-	-	
1. .06	6	4	2,3	1	-	-	15	540	306	136	-	170	234	2-0-2 40*	2-0-4 42*	2-0-2 76*	2-0-2 76*	-	-	-	-	
1. .07	7	1	-	-	-	-	5	180	51	34	-	17	129	2-0-1 129*	-	-	-	-	-	-	-	
1. .08	3	1	-	-	-	-	4	144	68	34	-	34	76	2-0-2 76*	-	-	-	-	-	-	-	
1. .09	9	-	-	1	-	-	3	108	17	17	-	-	91	1-0-0 91*	-	-	-	-	-	-	-	
1. .10	5	-	-	1	-	-	3	108	34	17	17	-	74	1-1-0 74*	-	-	-	-	-	-	-	
1. .11	1	-	-	1	-	-	3	108	51	34	-	17	57	2-0-1 57*	-	-	-	-	-	-	-	
1. .12	2	2	-	-	-	-	4	144	51	17	34	-	93	-	1-2-0 93*	-	-	-	-	-	-	
1. .13	4	2,3	-	4	-	-	9	324	170	102	34	34	154	-	2-1-1 40*	2-1-1 40*	2-0-0 74*	-	-	-	-	
1. .14	7	2	-	-	-	-	5	180	68	34	-	34	112	-	2-0-2 112*	-	-	-	-	-	-	
1. .15	3	-	3	2	-	-	6	216	68	-	-	68	148	-	0-0-2 74*	0-0-2 74*	-	-	-	-	-	

/	()	9																					
			-	-	5	-	-	3	108	51	17	-	34	57	1	2	3	4	5	6	7	8	
															17	17	17	17	17	17	17	13	
1. . .01		9	-	-	5	-	-	3	108	51	17	-	34	57	-	-	-	-	1-0-2 57*	-	-	-	
1. . .02		9	-	-	5	-	-	3	108	51	17	-	34	57	-	-	-	-	1-0-2 57*	-	-	-	
1. . .03		9	-	-	6	-	-	3	108	51	34	-	17	57	-	-	-	-	-	2-0-1 57*	-	-	
1. . .04		9	-	-	6	-	-	3	108	51	34	-	17	57	-	-	-	-	-	2-0-1 57*	-	-	
1. . .05		9	-	7	-	-	-	3	108	51	17	-	34	57	-	-	-	-	-	-	1-0-2 57*	-	
1. . .06		9	-	7	-	-	-	3	108	51	17	-	34	57	-	-	-	-	-	-	1-0-2 57*	-	
1. . .07		9	-	-	7	-	-	3	108	51	34	-	17	57	-	-	-	-	-	-	2-0-1 57*	-	
1. . .08		9	-	-	7	-	-	3	108	51	34	-	17	57	-	-	-	-	-	-	2-0-1 57*	-	
1. . .09		9	7	-	-	7	-	4	144	51	34	-	17	93	-	-	-	-	-	-	2-0-1 93*	-	
1. . .10		9	7	-	-	7	-	4	144	51	34	-	17	93	-	-	-	-	-	-	2-0-1 93*	-	
1. . .11		9	-	7,8	-	-	-	6	216	77	-	-	77	139	-	-	-	-	-	-	0-0-3 57*	0-0-2 82*	
1. . .12		9	-	7,8	-	-	-	6	216	77	-	-	77	139	-	-	-	-	-	-	0-0-3 57*	0-0-2 82*	
1. . .13		9	-	8	-	-	-	3	108	39	13	-	26	69	-	-	-	-	-	-	-	1-0-2 69*	
1. . .14		9	-	8	-	-	-	3	108	39	13	-	26	69	-	-	-	-	-	-	-	1-0-2 69*	
1. . .01		5	-	-	1,2,3 4,5	-	-	-	340	340	-	-	340	-	0-0-4	0-0-4	0-0-4	0-0-4	0-0-4	-	-	-	
		1:							216	8116	3748	1693	268	1787	4368	27	33	31	30	34	28	26	15
2		2.																					

/	()																							
													1	2	3	4	5	6	7	8				
													17	17	17	17	17	17	17	13				
													(- -)/											
2. .01								9	324	51	-	-	51	273										
2. .01.01		9	-	4	-	-	-	6	216	-	-	-	-	216	-	-	-	-	216*	-	-	-	-	-
2. .01.02	CAD/CAM/CAE-	9	-	7	-	-	-	3	108	51	-	-	51	57	-	-	-	-	-	-	-	0-0-3 57*	-	
2. .02								6	216	-	-	-	-	216										
2. .02.02		9	-	6	-	-	-	6	216	-	-	-	-	216	-	-	-	-	-	-	-	216*	-	
		2:						15	540	51	-	-	51	489	0 0*	0 0*	0 0*	0 216*	0 0*	0 216*	3 57*	0 0*		
3	3.																							
3. .01		9	-	-	-	-	-	9	324	-	-	-	-	324	-	-	-	-	-	-	-	-	-	324*
		3:						9	324	-	-	-	-	324	0 0*	0 0*	0 0*	0 0*	0 0*	0 0*	0 0*	0 0*	0 324*	
4	4.																							
4 . .00								-	-	-	-	-	-	-										
4 . .01		1	-	-	6	-	-	3	108	51	34	-	17	57	-	-	-	-	-	-	2-0-1 57*	-	-	
4 . .02		5	-	-	7	-	-	3	108	51	34	-	17	57	-	-	-	-	-	-	-	2-0-1 57*	-	
4 . .03		4	-	-	4	-	-	3	108	34	17	-	17	74	-	-	-	-	1-0-1 74*	-	-	-	-	

3.

1	216	8116	3748	1693	268	1787	4368
2	15	540	51			51	489
3	9	324					324
	240	8980	3799	1693	268	1838	5181

4.

	1			2			3			4														
	1	2		3		4	5		6	7		8												
1	30	459	689	32	561	659	28	527	549	29	510	602	27	578	462	26	476	460	28	442	566	16	195	381
2									6			216			6		216	3	51	57				
3																					9		324	
	30	459	689	32	561	659	28	527	549	35	510	818	27	578	462	32	476	676	31	493	623	25	195	705
		26			33			31			30			34			28			29			15	

5.

	240					5181								
		1	2	3	4		1		2		3		4	
							1	2	3	4	5	6	7	8
	240					30	32	28	35	27	32	31	25	
(-)	8980	3799	1693	268	1838	5181	54.67	58.1	51.24	55.33	49.52	48	53.14	42.86
	3										1	2		
	2								1	1				
	24						3	5	3	2	4	3	2	2
	18							1	3	2	3	3	4	2
	33						7	4	4	7	3	3	4	1

6.

1. .01		10	1	-5	- ,
1. .02		10	2	-5	- ,
1. .03		7	1	-4	() ()
1. .03		7	2	-4	() ()
1. .03		7	3	-4	() ()
1. .03		7	4	-4	() ()
1. .04		5	6	-8	,
1. .05.01		5	1	-7	
1. .05.02		5	1	-7	
1. .05.02		5	2	-7	
1. .05.02		5	3	-7	
1. .05.02		5	4	-7	
1. .05.02		5	5	-7	
1. .06		6	1	-2	, - ,
1. .06		6	2	-2	, - ,

1. .06		6	3	-2	, - ,
1. .06		6	4	-2	, - ,
1. .07		7	1	-1	, ,
1. .07		7	1	-1	, ,
1. .08		3	1	-1	, ,
1. .08		3	1	-2	, - ,
1. .09		9	1	-2	, - ,
1. .09		9	1	-3	, ,
1. .09		9	1	-6	, ,
1. .10		5	1	-1	, ,
1. .10		5	1	-3	, ,
1. .11		1	1	-3	
1. .11		1	1	-5	- ,

1. .12		2	2	-2	, - ,
1. .12		2	2	-1	, ,
1. .13		4	2	-2	, - ,
1. .13		4	3	-2	, - ,
1. .13		4	4	-2	, - ,
1. .14	:	7	2	-1	, ,
1. .15		3	3	-1	, ,
1. .15		3	2	-1	, ,
1. .15		3	2	-2	, - ,
1. .15		3	3	-2	, - ,
1. .16		4	2	-2	, ,
1. .17		5	2	-1	, ,
1. .17		5	2	-2	, ,

1. .18		8	3	-5	
1. .19		9	3	-1	,
1. .19		9	3	-2	, - ,
1. .20		3	3	-2	, - ,
1. .20		3	3	-1	, ,
1. .21		7	4	-1	, ,
1. .21		7	4	-2	, ,
1. .21		7	4	-3	, , ,
1. .21		7	4	-4	, , , ,
1. .21		7	4	-5	, , , ,
1. .22		7	4	-2	, - ,
1. .22		7	3	-2	, - ,

1. .22		7	3	-4	
1. .22		7	4	-4	
1. .23		2	3	-4	
1. .24		2	4	-1	,
1. .24		2	4	-4	,
1. .25		8	4	-2	- ,
1. .25		8	4	-3	,
1. .25		8	4	-1	,
1. .26		2	4	-2	- ,
1. .26		2	4	-4	
1. .27		5	4	-1	,
1. .28		1	7	-2	,
1. .28		1	7	-3	
1. .29		7	5	-1	,
1. .29		7	5	-1	,

1. .29		7	5	-2	,	,
1. .30		8	5	-1	,	
1. .30		8	5	-1	,	,
1. .30		8	5	-2	,	,
1. .31		9	5	-3	,	,
1. .31		9	5	-5		
1. .31		9	5	-1.1	,	
1. .32		9	5	-2	,	- ,
1. .32		9	5	-1.4		
1. .32		9	5	-1	,	,
1. .33		9	8	-2	,	- ,
1. .33		9	8	-3	,	,
1. .33		9	8	-1.4		

1. .34		9	5	-2	, - ,
1. .34		9	5	-1.1	, ,
1. .34		9	5	-1	, ,
1. .35		9	5	-2	, - ,
1. .35		9	6	-2	, - ,
1. .35		9	6	-3	, ,
1. .35		9	5	-3	, ,
1. .36		9	6	-3	, ,
1. .36		9	6	-1.1	, ,
1. .36		9	6	-1.2	, ,
1. .37		9	6	-1	, ,
1. .37		9	6	-2	, - ,

1. .38		9	5	-3	,
1. .38		9	5	-1.1	,
1. .39		9	5	-2	,
1. .39		9	5	-3	,
1. .39		9	5	-1.3	,
1. .40		9	6	-1	,
1. .40		9	6	-2	,
1. .40		9	6	-4	
1. .41		9	6	-3	,
1. .42		9	7	-2	,
1. .42		9	7	-3	,
1. .42		9	7	-1.2	,

1. .43		9	7	-3	,
1. .43		9	7	-4	
1. .43		9	7	-1.3	,
1. .44		9	7	-2	, - ,
1. .44		9	7	-5	
1. .44		9	7	-1	, ,
1. .45		9	7	-2	, - ,
1. .45		9	7	-3	, ,
1. .45		9	7	-1.1	, ,
1. .46	,	9	6	-2	, - ,
1. .46	,	9	6	-1.4	

1. .46	,	9	6	-1	,
1. .47		9	8	-3	,
1. .47		9	8	-4	
1. .47		9	8	-1.2	,
1. .01		9	8	-1.1	,
1. .01		9	8	-1.2	,
1. . .01		9	5	-1.3	,
1. . .01		9	5	-1	,
1. . .02		9	5	-1	,
1. . .03		9	6	-1.1	,
1. . .03		9	6	-1.2	,
1. . .04		9	6	-1.1	,

1. . .04		9	6	-1.2	,
1. . .05		9	7	-1.3	,
1. . .05		9	7	-1	,
1. . .06		9	7	-1.1	,
1. . .06		9	7	-1	,
1. . .07	,	9	7	-1.1	,
1. . .07	,	9	7	-1.2	,
1. . .08		9	7	-1.1	,
1. . .08		9	7	-1.4	
1. . .08		9	7	-1	,
1. . .09		9	7	-1.1	,

1. . .09		9	7	-1.2	,
1. . .09		9	7	-1.3	,
1. . .10		9	7	-1.1	,
1. . .10		9	7	-1.2	,
1. . .10		9	7	-1.3	,
1. . .11		9	7	-1.2	,
1. . .11		9	8	-1.2	,
1. . .11		9	8	-1.3	,
1. . .11		9	7	-1.3	,
1. . .11		9	7	-1	,
1. . .11		9	8	-1	,
1. . .11		9	8	-6	,
1. . .11		9	7	-6	,

1. . .12		9	7	-1.2	,
1. . .12		9	8	-1.2	,
1. . .12		9	8	-1.3	,
1. . .12		9	7	-1.3	,
1. . .12		9	8	-1	,
1. . .12		9	7	-1	,
1. . .13		9	8	-1.1	,
1. . .13		9	8	-1.2	,
1. . .14		9	8	-1.2	,
1. . .14		9	8	-1	,
2. .01.01		9	4	-2	,
2. .01.01		9	4	-2	,
2. .01.02	CAD/CAM/CAE-	9	7	-1	,
2. .01.02	CAD/CAM/CAE-	9	7	-2	,

2. .01.02	CAD/CAM/CAE-	9	7	-1.3	,
2. .02.02		9	6	-2	, - ,
2. .02.02		9	6	-3	, ,
2. .02.02		9	6	-1.1	, ,
2. .02.02		9	6	-1.2	, ,
3. .01		9	8	-1	, ,
3. .01		9	8	-2	, - ,
3. .01		9	8	-3	, ,
3. .01		9	8	-4	
3. .01		9	8	-5	
3. .01		9	8	-1	, ,
3. .01		9	8	-2	, ,

3. .01		9	8	-3	,
3. .01		9	8	-4	, , , ,
3. .01		9	8	-5	, , ,
3. .01		9	8	-1.1	,
3. .01		9	8	-1.2	,
3. .01		9	8	-1.3	,
3. .01		9	8	-1.4	
3. .01		9	8	-1	, ,
3. .01		9	8	-2	, ,
3. .01		9	8	-3	
3. .01		9	8	-4	() ()
3. .01		9	8	-5	- ,
3. .01		9	8	-6	,

3. .01		9	8	-7	
3. .01		9	8	-8	,
4 . .01		1	6		
4 . .02		5	7		
4 . .03	:	4	4		