







/	( )																									
															1	2	3	4	5	6	7	8	9	10		
															2	2	2	2	2	2	2	2	2	2		
															( - - )/											
1. .01	:	4	-	-	4	-	-	3	108	2	-	-	2	-	106	-	-	-	-	0-0-1 106*	-	-	-	-	-	-
1. .02		4	6	-	-	-	-	3	108	6	4	-	2	-	102	36	-	-	-	-	-	2-0-1 102*	-	-	-	-
1. .03		4	6	-	-	-	-	3	108	8	6	2	-	-	100	36	-	-	-	-	-	3-1-0 100*	-	-	-	-
1. .04		4	7	-	-	-	-	4	144	8	6	2	-	-	136	36	-	-	-	-	-	-	3-1-0 136*	-	-	-
1. .05		4	-	7	-	-	-	4	144	8	6	-	2	-	136	-	-	-	-	-	-	-	3-0-1 136*	-	-	-
1. .06		4	-	7	-	-	-	4	144	8	6	2	-	-	136	-	-	-	-	-	-	-	3-1-0 136*	-	-	-
1. .07	-	4	8	-	-	-	-	5	180	10	6	2	2	-	170	36	-	-	-	-	-	-	-	3-1-1 170*	-	-
1. .08		4	-	9	-	-	-	7	252	6	4	-	2	-	246	-	-	-	-	-	-	-	-	-	2-0-1 246*	-
1. .09		4	8	-	7	-	8	9	324	16	12	-	4	-	308	36	-	-	-	-	-	-	3-0-1 100*	3-0-1 208*	-	-
1. .10		4	8	9	-	9	-	14	504	16	10	2	4	-	488	36	-	-	-	-	-	-	-	3-1-0 172*	2-0-2 316*	-
1. . .01	:	5	1	-	-	-	-	4	144	8	4	-	4	-	136	36	2-0-2 136*	-	-	-	-	-	-	-	-	-
1. . .02		6	1	-	-	-	-	4	144	8	4	-	4	-	136	36	2-0-2 136*	-	-	-	-	-	-	-	-	-
1. . .03		4	-	-	6	-	-	3	108	4	2	-	2	-	104	-	-	-	-	-	-	-	1-0-1 104*	-	-	-
1. . .04		4	-	-	6	-	-	3	108	4	2	-	2	-	104	-	-	-	-	-	-	-	1-0-1 104*	-	-	-
1. . .05		10	-	-	5	-	-	3	108	4	2	-	2	-	104	-	-	-	-	-	-	-	1-0-1 104*	-	-	-
1. . .06		10	-	-	5	-	-	3	108	4	2	-	2	-	104	-	-	-	-	-	-	-	1-0-1 104*	-	-	-





3.

/	.	.	.	.	.	.	.	.
1	213	7672	388	174	52	162	7284	792
2	21	756	4			4	752	
3	6	216					216	
	<b>240</b>	<b>8644</b>	<b>392</b>	<b>174</b>	<b>52</b>	<b>166</b>	<b>8252</b>	<b>792</b>

4.

/	1								2				3				4				5																						
	1				2				3				4				5				6				7				8				9				10						
		.				.				.				.				.				.				.				.				.				.				.	
1	23	40	788	108	25	54	850	72	22	50	742	108	20	42	678	108	19	42	642	108	29	50	994	108	21	42	714	36	21	34	722	108	33	34	1154	36							
2													6	216															6	216							9	4	320				
3																																	6	216									
	23	40	788	108	25	54	850	72	22	50	742	108	26	42	894	108	19	42	642	108	29	50	994	108	21	42	714	36	27	34	938	108	33	34	1154	36	15	4	536				
		17				27				25				21				21				25				21				17				17				2					

:

5.

		1		2		3		4		5		6		7		8	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
	240							23	25	22	26	19	29	21	27	33	15
( - )	<b>8644</b>	<b>392</b>	<b>174</b>	<b>52</b>	<b>166</b>	<b>8252</b>	<b>792</b>	<b>414</b>	<b>301.33</b>	<b>264</b>	<b>133.71</b>	<b>228</b>	<b>348</b>	<b>252</b>	<b>138.86</b>	<b>396</b>	<b>54</b>
	<b>1</b>															<b>1</b>	
	<b>2</b>												<b>1</b>		<b>1</b>		
	<b>22</b>							<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>	
	<b>25</b>							<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>4</b>	<b>2</b>
	<b>9</b>							<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>			
	<b>5</b>										<b>1</b>				<b>1</b>		<b>2</b>

6.



1. .01		10	2	-1	
1. .01		10	2	-2	,
1. .02		10	1	-2	
1. .03		7	2	-5	
1. .03		7	3	-5	
1. .04		1	5	-9	,
1. .04		1	5	-4	,
1. .05.01		5	1	-8	,
1. .05.02		5	2	-8	,
1. .06.01	1:	6	2	-1	,
1. .06.02	2:	6	1	-1	,

1. .06.03	3:	6	3	-1	,
1. .06.04	4:	6	4	-1	,
1. .06.05		4	3	-1	,
1. .06.05		4	4	-1	,
1. .06.05		4	5	-1	,
1. .06.06		2	1	-1	,
1. .06.07		1	2	-9	,
1. .06.07		1	2	-4	,
1. .06.07		1	2	-16	,
1. .06.08		3	2	-12	
1. .06.09		3	3	-1	,
1. .06.09		3	4	-1	,

1. .06.10		2	2	-4	,
1. .06.10		2	2	-17	,
1. .06.11	,	2	1	-4	,
1. .06.11	,	2	1	-19	,
1. .06.12		8	3	-5	-
1. .06.13	MATCAD MATLAB,	4	4	-1	,
1. .06.13	MATCAD MATLAB,	4	4	-3	,
1. .06.14		4	5	-3	
1. .06.15		7	5	-1	,
1. .06.16		8	6	-5	-

1. .06.17		9	6	-5	-
1. .06.18		4	6	-12	
1. .06.18		4	6	-2	,
1. .06.19		2	6	-4	, ; ,
1. .06.19		2	6	-17	
1. .06.20		7	6	-5	-
1. .06.21		4	7	-2	,
1. .06.22		4	9	-1	- ,
1. .06.22		4	9	-2	,
1. .06.22		4	9	-3	

1. .06.22		4	9	-4	,
1. .06.23	5: ,	6	5	-1	,
1. .01	:	4	4	-7	
1. .01	:	4	4	-4	, ;
1. .01	:	4	4	-17	
1. .02		4	6	-4	, ;
1. .02		4	6	-17	
1. .03		4	6	-1	,
1. .03		4	6	-18	-
1. .03		4	6	-1	-

1. .04		4	7	-1	,
1. .04		4	7	-18	-
1. .04		4	7	-1	-
1. .05		4	7	-13	;
1. .05		4	7	-17	
1. .05		4	7	-2	
1. .06		4	7	-1	-
1. .06		4	7	-11	;
1. .06		4	7	-14	,
1. .06		4	7	-18	-
1. .06		4	7	-3	
1. .07	-	4	8	-1	-
1. .07	-	4	8	-13	;

1. .07	-	4	8	-15	,
1. .08		4	9	-11	;
1. .08		4	9	-13	;
1. .08		4	9	-15	,
1. .09		4	8	-1	- ,
1. .09		4	7	-1	- ,
1. .09		4	7	-11	;
1. .09		4	8	-11	;
1. .09		4	8	-14	, ,
1. .09		4	7	-14	, ,
1. .09		4	8	-3	
1. .09		4	7	-3	

1. .09		4	7	-2	
1. .09		4	8	-2	
1. .09		4	8	-3	
1. .09		4	7	-3	
1. .10		4	8	-1	- ,
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1. .10		4	8	-11	;
1. .10		4	8	-14	, ,
1. .10		4	9	-14	, ,
1. .10		4	9	-18	-
1. .10		4	8	-18	-
1. .10		4	9	-3	



1. .10		4	8	-3	
1. .10		4	8	-4	,
1. .10		4	9	-4	,
1. .10		4	9	-3	
1. .10		4	8	-3	
1. . .01	:	5	1	-2	,
1. . .01	:	5	1	-3	, , ,
1. . .02		6	1	-1	, ,
1. . .03		4	6	-4	
1. . .04		4	6	-1	
1. . .05		10	5	-6	, , ,
1. . .06		10	5	-6	, , ,
1. . .07	- ,	4	8	-13	;
1. . .07	- ,	4	8	-15	,
1. . .07	- ,	4	8	-17	

1. . .08		4	8	-4	,
1. . .08		4	8	-11	;
1. . .08		4	8	-17	
1. . .08		4	8	-3	
1. . .09		1	7	-3	
1. . .09		1	7	-4	
1. . .09		1	7	-7	
1. . .10		1	7	-3	
1. . .10		1	7	-4	
1. . .10		1	7	-7	
1. . .11		4	9	-11	;
1. . .11		4	9	-12	
1. . .11		4	9	-17	

1. . .11		4	9	-19	,
1. . .11		4	9	-3	
1. . .12	-	4	9	-4	, ; ,
1. . .12	-	4	9	-13	;
1. . .12	-	4	9	-16	,
1. . .13		4	9	-12	
1. . .13		4	9	-16	,
1. . .13		4	9	-2	,
1. . .13		4	9	-4	,
1. . .14		4	9	-11	;
1. . .14		4	9	-14	,

1. . .14		4	9	-4	,
2. .01.01		4	4	-7	
2. .01.01		4	4	-1	,
2. .01.01		4	4	-4	, ;
2. .01.02	: ( ) -	4	8	-6	,
2. .01.02	: -	4	10	-7	
2. .01.02	: ( ) -	4	8	-4	, ;
2. .01.02	: -	4	10	-1	- ,
2. .01.02	: ( ) -	4	8	-12	

2. .01.03	:	4	10	-4	,
2. .01.03	:	4	10	-5	-
2. .01.03	:	4	10	-12	
3. .01		4	10	-1	
3. .01		4	10	-2	
3. .01		4	10	-3	
3. .01		4	10	-4	
3. .01		4	10	-5	
3. .01		4	10	-6	,
3. .01		4	10	-7	
3. .01		4	10	-8	
3. .01		4	10	-9	,
3. .01		4	10	-1	,
3. .01		4	10	-2	,

3. .01		4	10	-3	,
3. .01		4	10	-4	,
3. .01		4	10	-5	-
3. .01		4	10	-1	-
3. .01		4	10	-11	;
3. .01		4	10	-12	
3. .01		4	10	-13	;
3. .01		4	10	-14	,
3. .01		4	10	-15	,
3. .01		4	10	-16	,
3. .01		4	10	-17	

3. .01		4	10	-18	-
3. .01		4	10	-19	,
3. .01		4	10	-2	,
3. .01		4	10	-3	
3. .01		4	10	-4	,
3. .01		4	10	-1	-
3. .01		4	10	-2	
3. .01		4	10	-3	
3. .01		4	10	-4	,