



/	( )																					
														1	2	3	4	5	6	7	8	
														17	17	17	17	17	17	17	13	
( - - )/																						
<b>1</b>		<b>1. ( )</b>																				
<b>1. .00</b>								125	4500	1862	897	170	795	2638								
1. .01		10	2	-	-	-	-	4	144	51	34	-	17	93	-	2-0-1 93*	-	-	-	-	-	-
1. .02		10	1	-	-	-	-	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	5	-	-	-	-	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								100	3600	1539	778	153	608	2061								
1. .06.01		6	4	2,3	1	-	-	13	468	306	136	-	170	162	2-0-2 40*	2-0-4 42*	2-0-2 40*	2-0-2 40*	-	-	-	-
1. .06.02		7	1	-	-	-	-	6	216	51	34	-	17	165	2-0-1 165*	-	-	-	-	-	-	-
1. .06.03		3	1	-	-	-	-	6	216	68	34	-	34	148	2-0-2 148*	-	-	-	-	-	-	-
1. .06.04		4	-	-	1	-	-	3	108	17	17	-	-	91	1-0-0 91*	-	-	-	-	-	-	-
1. .06.05		1	-	-	1	-	-	3	108	51	34	-	17	57	2-0-1 57*	-	-	-	-	-	-	-
1. .06.06		7	-	2	-	-	-	6	216	51	17	-	34	165	-	1-0-2 165*	-	-	-	-	-	-
1. .06.07		5	-	-	2	-	-	3	108	34	17	-	17	74	-	1-0-1 74*	-	-	-	-	-	-
1. .06.08		3	-	-	2	-	-	3	108	34	-	-	34	74	-	0-0-2 74*	-	-	-	-	-	-
1. .06.09		4	2,3	-	-	-	-	7	252	136	68	34	34	116	-	2-1-1 76*	2-1-1 40*	-	-	-	-	-



/	( )																					
															1	2	3	4	5	6	7	8
															17	17	17	17	17	17	17	13
															( - - )/							
1. .03		4	-	5	-	-	-	3	108	34	17	17	-	74	-	-	-	-	1-1-0 74*	-	-	-
1. .04		4	6	-	-	-	-	3	108	51	34	-	17	57	-	-	-	-	-	2-0-1 57*	-	-
1. .05		7	5	-	-	-	-	4	144	68	34	17	17	76	-	-	-	-	2-1-1 76*	-	-	-
1. .06		4	-	5	-	-	-	3	108	34	-	-	34	74	-	-	-	-	0-0-2 74*	-	-	-
1. .07		4	-	5	-	-	-	3	108	34	-	-	34	74	-	-	-	-	0-0-2 74*	-	-	-
1. .08		4	-	6	-	-	-	3	108	51	17	-	34	57	-	-	-	-	-	1-0-2 57*	-	-
1. .09		4	6	7	-	7	-	8	288	119	68	34	17	169	-	-	-	-	-	2-2-0 76*	2-0-1 93*	-
1. .10	-	4	7	6	-	-	-	6	216	85	68	17	-	131	-	-	-	-	-	2-0-0 74*	2-1-0 57*	-
1. .11		4	-	7	-	-	-	3	108	34	34	-	-	74	-	-	-	-	-	-	2-0-0 74*	-
1. .12		4	7	-	-	-	-	4	144	51	34	17	-	93	-	-	-	-	-	-	2-1-0 93*	-
1. .13		4	6	-	-	-	-	3	108	34	34	-	-	74	-	-	-	-	-	2-0-0 74*	-	-
1. .14		4	8	7	-	-	7	7	252	90	60	-	30	162	-	-	-	-	-	-	2-0-1 93*	2-0-1 69*
1. .15		4	7	-	-	-	-	4	144	51	34	17	-	93	-	-	-	-	-	-	2-1-0 93*	-
1. .16	-	4	-	8	-	-	-	3	108	39	26	-	13	69	-	-	-	-	-	-	-	2-0-1 69*
1. . .01		8	3	-	-	-	-	3	108	34	17	17	-	74	-	-	1-1-0 74*	-	-	-	-	-
1. . .02		8	3	-	-	-	-	3	108	34	17	17	-	74	-	-	1-1-0 74*	-	-	-	-	-
1. . .03		4	-	5	-	-	-	4	144	51	34	-	17	93	-	-	-	-	2-0-1 93*	-	-	-





3.

<b>1</b>	216	8116	3327	1588	306	1433	4789
<b>2</b>	18	648	13			13	635
<b>3</b>	6	216					216
	<b>240</b>	<b>8980</b>	<b>3340</b>	<b>1588</b>	<b>306</b>	<b>1446</b>	<b>5640</b>

4.

	1			2			3			4														
	1		2	3		4	5		6	7		8												
		.			.			.			.													
<b>1</b>	30	425	723	30	476	672	27	510	530	27	510	530	27	476	564	27	391	581	29	357	687	19	182	502
<b>2</b>										6		216				6		216				6	13	203
<b>3</b>																						6		216
	30	425	723	30	476	672	27	510	530	33	510	746	27	476	564	33	391	797	29	357	687	31	195	921
		24			28			30			30			28			23			21			15	

5.

							1		2		3		4	
							1	2	3	4	5	6	7	8
	240						30	30	27	33	27	33	29	31
( - )	<b>8980</b>	<b>3340</b>	<b>1588</b>	<b>306</b>	<b>1446</b>	<b>5640</b>	<b>54.67</b>	<b>54.67</b>	<b>49.52</b>	<b>52.33</b>	<b>49.52</b>	<b>49.5</b>	<b>49.71</b>	<b>53.14</b>
	2											<b>1</b>	<b>1</b>	
	2									<b>1</b>			<b>1</b>	
	23						<b>3</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>3</b>	<b>1</b>
	24							<b>2</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>6</b>
	26						<b>6</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>1</b>		<b>1</b>	<b>1</b>
	4									<b>1</b>		<b>1</b>		<b>2</b>

6.

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1. .01		10	2	-1	
1. .01		10	2	-2	,
1. .02		10	1	-2	
1. .03		7	1	-5	
1. .03		7	2	-5	
1. .03		7	3	-5	
1. .03		7	4	-5	
1. .03		7	4	-91	,
1. .03		7	3	-91	,
1. .03		7	2	-91	,
1. .03		7	1	-91	,

1. .04		5	5	-9	, ,
1. .04		5	5	-4	, ; ,
1. .05.01		5	1	-8	
1. .05.02		5	1	-8	
1. .05.02		5	2	-8	
1. .05.02		5	3	-8	
1. .05.02		5	4	-8	
1. .05.02		5	5	-8	
1. .06.01		6	1	-1	, ,
1. .06.01		6	2	-1	, ,
1. .06.01		6	3	-1	, ,
1. .06.01		6	4	-1	, ,
1. .06.02		7	1	-2	, ,
1. .06.02		7	1	-3	, , ,

1. .06.02		7	1	-94	,
1. .06.03		3	1	-3	,
1. .06.04		4	1	-7	,
1. .06.05		1	1	-6	,
1. .06.06		7	2	-2	,
1. .06.07		5	2	-4	,
1. .06.08		3	2	-12	,
1. .06.09		4	2	-1	,
1. .06.09		4	3	-1	,
1. .06.10		5	2	-9	,
1. .06.10		5	2	-4	,
1. .06.10		5	2	-16	,

1. .06.11		3	4	-1	,
1. .06.12		7	3	-91	,
1. .06.12		7	3	-92	,
1. .06.12		7	3	-93	,
1. .06.12		7	3	-94	,
1. .06.12		7	3	-95	,
1. .06.13		7	3	-1	,
1. .06.13		7	4	-1	,
1. .06.14		2	3	-4	,
1. .06.14		2	3	-17	,

1. .06.15		2	3	-4	, ; ,
1. .06.15		2	3	-19	,
1. .06.16		2	3	-4	, ; ,
1. .06.16		2	3	-17	
1. .06.17		4	4	-3	
1. .06.18		8	4	-5	-
1. .06.19		5	4	-9	, ,
1. .06.19		5	4	-4	, ; ,
1. .06.19		5	4	-17	

1. .06.20		2	4	-7	
1. .06.21		9	6	-5	-
1. .06.22		1	8	-5	-
1. .06.22		1	8	-4	,
1. .06.23		7	6	-5	-
1. .06.23		7	5	-5	-
1. .01		4	4	-7	
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1. .01		4	4	-17	
1. .02		4	5	-4	, ; ,

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1. .03		4	5	-1	,
1. .03		4	5	-18	-
1. .04		4	6	-1	,
1. .04		4	6	-1	-
1. .05		7	5	-1	,
1. .06		4	5	-5	-
1. .06		4	5	-12	
1. .07		4	5	-2	,
1. .08		4	6	-12	
1. .08		4	6	-2	,
1. .09		4	6	-1	-

1. .09		4	7	-1	- ,
1. .09		4	6	-11	;
1. .09		4	7	-11	;
1. .09		4	7	-14	,
1. .09		4	6	-14	,
1. .09		4	6	-18	-
1. .09		4	7	-18	-
1. .09		4	6	-3	
1. .09		4	7	-3	
1. .09		4	7	-4	,
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1. .09		4	6	-3	
1. .09		4	7	-3	



1. .10	-	4	7	-1	- ,
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1. .10	-	4	6	-13	;
1. .10	-	4	7	-13	;
1. .10	-	4	7	-15	,
1. .10	-	4	6	-15	,
1. .11		4	7	-11	;
1. .11		4	7	-13	;
1. .11		4	7	-15	,
1. .12		4	7	-1	- ,
1. .12		4	7	-11	;
1. .12		4	7	-14	,

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1. .14		4	8	-1	- ,
1. .14		4	8	-11	;
1. .14		4	7	-11	;
1. .14		4	7	-14	, ,
1. .14		4	8	-14	, ,
1. .14		4	8	-3	

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1. .14		4	7	-2	
1. .14		4	8	-2	
1. .14		4	8	-3	
1. .14		4	7	-3	
1. .15		4	7	-1	,
1. .15		4	7	-18	-
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1. .16	- ,	4	8	-13	;
1. .16	- ,	4	8	-15	,
1. .16	- ,	4	8	-17	
1. . .01		8	3	-5	-
1. . .02		8	3	-5	-

1. . .03		4	5	-3	
1. . .03		4	5	-7	
1. . .04		4	5	-3	
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1. . .05	MATCAD MATLAB,	4	6	-2	,
1. . .06		4	6	-2	,
1. . .07		4	7	-1	-
1. . .07		4	7	-18	-
1. . .07		4	7	-2	,
1. . .07		4	7	-1	-
1. . .08		4	7	-4	, ; ,
1. . .08		4	7	-11	;

1. . .08		4	7	-17	
1. . .09		4	7	-1	- ,
1. . .09		4	7	-2	,
1. . .09		4	7	-3	
1. . .09		4	7	-4	,
1. . .10		4	7	-11	;
1. . .11		4	8	-11	;
1. . .11		4	8	-12	
1. . .11		4	8	-17	
1. . .11		4	8	-19	,
1. . .11		4	8	-3	

1. . .12		4	8	-2	,
1. . .12		4	8	-1	-
1. . .13		4	8	-11	;
1. . .13		4	8	-14	,
1. . .13		4	8	-4	,
1. . .14		4	8	-11	;
1. . .14		4	8	-14	,
1. . .14		4	8	-4	,
1. . .15		4	8	-4	,
1. . .15		4	8	-1	-

1. . .15		4	8	-3	
1. . .16		4	8	-4	,
1. . .16		4	8	-1	,
1. . .16		4	8	-3	,
2. .01.01		4	4	-7	,
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2. .01.01		4	4	-4	,
2. .01.02.01		4	6	-6	,
2. .01.02.01		4	6	-4	,
2. .01.02.01		4	6	-12	,

2. .01.02.02	- :	4	8	-7	
2. .01.02.02	- :	4	8	-1	- ,
2. .01.03	:	4	8	-6	, ,
2. .01.03	:	4	8	-4	, ; ,
2. .01.03	:	4	8	-5	-
2. .01.03	:	4	8	-12	
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3. .01		4	8	-3	
3. .01		4	8	-4	
3. .01		4	8	-5	
3. .01		4	8	-6	, ,
3. .01		4	8	-7	
3. .01		4	8	-8	



3. .01		4	8	-9	,
3. .01		4	8	-1	,
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3. .01		4	8	-12	
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3. .01		4	8	-1	-
3. .01		4	8	-2	
3. .01		4	8	-3	
3. .01		4	8	-4	,
3. .01		4	8	-91	,
3. .01		4	8	-92	,

3. .01		4	8	-93	,
3. .01		4	8	-94	,
3. .01		4	8	-95	,