1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
column 1: No. of vector																													
columns i=2 til 13: number of reduced general magic 4x4-squares, belonging to all representatives of equivalence-class No. (i-1)																													
[for equivalence classes see rows 169 til 180 at the end of this file]																													
column 14: smallest N, where the values for vector [(01),(02),…,(12)] appears.																													
columns 15 til 29: differences for the elements of the symmetric set (which contains the number 1).																													
column 30: number of reduced general magic squares for the symmetric set (sum of the 12 vector components)																													
	(01)	(02)	(03)	(04)	(05)	(06)	(07)	(08)	(09)	(10)	(11)	(12)	N																
1	48	56	4	0	0	0	0	76	0	12	0	24	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	220
2	48	52	4	0	0	0	0	120	0	12	0	24	17	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1	260
3	48	40	4	0	0	2	0	64	0	12	4	24	18	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	198
4	0	8	0	0	0	0	0	20	0	0	4	0	18	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	32
5	0	12	0	0	0	0	0	12	0	0	0	0	18	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	24
6	0	12	0	0	0	0	0	24	0	0	0	0	18	1	1	1	1	2	1	1	1	1	1	2	1	1	1	1	36
7	48	28	6	0	0	2	0	96	0	12	4	24	18	1	1	1	2	1	1	1	1	1	1	1	2	1	1	1	220
8	0	8	0	0	0	0	0	20	0	0	0	0	18	1	1	2	1	1	1	1	1	1	1	1	1	2	1	1	28
9	0	8	0	0	0	0	0	16	0	0	0	0	18	1	2	1	1	1	1	1	1	1	1	1	1	1	2	1	24
10	48	44	6	0	0	0	0	84	0	12	0	24	18	2	1	1	1	1	1	1	1	1	1	1	1	1	1	2	218
11	48	36	2	0	0	0	0	84	0	12	0	24	19	1	1	1	1	1	1	1	4	1	1	1	1	1	1	1	206
12	0	0	0	0	0	0	0	0	0	0	0	0	19	1	1	1	1	1	1	2	2	2	1	1	1	1	1	1	0
13	0	16	0	0	0	0	0	48	0	0	0	0	19	1	1	1	1	1	2	1	2	1	2	1	1	1	1	1	64
14	48	36	2	0	0	2	0	80	0	12	4	24	19	1	1	1	2	1	1	1	2	1	1	1	2	1	1	1	208
15	0	20	0	0	0	0	0	48	0	0	0	0	19	1	2	1	1	1	1	1	2	1	1	1	1	1	2	1	68
16	48	36	2	0	0	0	0	56	0	12	0	24	20	1	1	1	1	1	1	1	5	1	1	1	1	1	1	1	178
17	0	0	0	0	0	0	0	12	0	0	0	0	20	1	1	1	1	1	1	2	3	2	1	1	1	1	1	1	12
18	0	4	0	0	0	0	0	20	2	0	0	0	20	1	1	1	1	1	1	3	1	3	1	1	1	1	1	1	26
19	0	8	0	0	0	0	0	8	0	0	4	0	20	1	1	1	1	1	2	1	3	1	2	1	1	1	1	1	20
20	0	8	0	0	0	0	0	44	0	0	4	0	20	1	1	1	1	1	2	2	1	2	2	1	1	1	1	1	56
21	0	16	0	0	0	0	0	12	0	0	0	0	20	1	1	1	1	1	3	1	1	1	3	1	1	1	1	1	28
22	0	0	0	0	0	0	0	4	0	0	0	0	20	1	1	1	1	2	1	1	3	1	1	2	1	1	1	1	4
23	0	8	0	0	0	0	0	24	0	0	0	0	20	1	1	1	1	2	1	2	1	2	1	2	1	1	1	1	32
24	0	8	0	0	0	0	0	28	0	0	0	0	20	1	1	1	1	2	2	1	1	1	2	2	1	1	1	1	36
25	48	24	4	0	0	2	0	76	0	12	4	24	20	1	1	1	2	1	1	1	3	1	1	1	2	1	1	1	194
26	0	12	0	0	0	0	0	8	0	0	0	0	20	1	1	1	2	1	2	1	1	1	2	1	2	1	1	1	20
27	48	24	4	0	0	0	0	76	0	12	0	24	20	1	1	1	3	1	1	1	1	1	1	1	3	1	1	1	188
28	0	12	0	0	0	0	0	20	0	0	0	0	20	1	1	2	1	1	1	1	3	1	1	1	1	2	1	1	32
29	0	0	0	0	0	0	0	8	0	0	0	0	20	1	1	2	1	1	2	1	1	1	2	1	1	2	1	1	8
30	0	4	0	0	0	0	0	20	0	0	0	0	20	1	2	1	1	1	1	1	3	1	1	1	1	1	2	1	24
31	48	24	4	0	0	0	0	88	0	12	0	24	20	1	2	1	1	1	2	1	1	1	2	1	1	1	2	1	200
32	0	4	0	0	0	0	0	16	0	0	0	0	20	1	2	1	1	2	1	1	1	1	1	2	1	1	2	1	20

33	48	28	6	0	0	0	0	84	0	12	0	24	20	1	3	1	1	1	1	1	1	1	1	1	1	1	3	1	202
34	48	28	6	0	0	2	0	72	0	12	4	24	20	2	1	1	1	1	1	2	1	2	1	1	1	1	1	2	196
35	0	8	0	0	0	0	0	12	0	0	0	0	20	2	1	1	1	2	1	1	1	1	1	2	1	1	1	2	20
36	0	16	0	0	0	0	0	20	0	0	4	0	20	2	1	1	2	1	1	1	1	1	1	1	2	1	1	2	40
37	48	40	4	0	0	0	0	76	0	12	0	24	20	2	2	1	1	1	1	1	1	1	1	1	1	1	2	2	204
38	0	4	0	0	0	0	0	28	0	0	0	0	21	1	1	1	1	1	1	3	2	3	1	1	1	1	1	1	32
39	0	4	0	0	0	0	0	24	0	0	0	0	21	1	1	1	1	1	2	1	4	1	2	1	1	1	1	1	28
40	0	0	0	0	0	0	0	16	0	0	0	0	21	1	1	1	1	3	1	1	2	1	1	3	1	1	1	1	16
41	48	24	4	0	0	2	0	80	0	12	4	24	21	1	1	1	2	1	1	1	4	1	1	1	2	1	1	1	198
42	48	20	2	0	0	0	0	92	0	12	0	24	21	1	1	1	3	1	1	1	2	1	1	1	3	1	1	1	198
43	0	16	0	0	0	0	0	56	0	0	4	0	21	1	1	2	1	1	1	2	2	2	1	1	1	2	1	1	76
44	0	16	0	0	0	0	0	16	0	0	0	0	21	1	1	2	1	2	1	1	2	1	1	2	1	2	1	1	32
45	48	16	8	0	0	0	0	88	0	12	0	24	21	1	2	1	1	1	2	1	2	1	2	1	1	1	2	1	196
46	0	12	0	0	0	0	0	32	0	0	0	0	21	1	2	1	2	1	1	1	2	1	1	1	2	1	2	1	44
47	0	16	0	0	0	0	0	56	0	0	0	0	21	2	1	1	1	2	1	1	2	1	1	2	1	1	1	2	72
48	0	12	0	0	0	0	0	56	0	0	0	0	21	2	1	2	1	1	1	1	2	1	1	1	1	2	1	2	68
49	0	24	0	0	0	0	0	40	0	0	0	0	21	3	1	1	1	1	1	1	2	1	1	1	1	1	1	3	64
50	0	4	0	0	0	0	0	12	0	0	0	0	22	1	1	1	1	1	1	3	3	3	1	1	1	1	1	1	16
51	0	4	0	0	0	0	0	8	0	0	0	0	22	1	1	1	1	1	2	1	5	1	2	1	1	1	1	1	12
52	0	4	0	0	0	0	0	32	2	0	0	0	22	1	1	1	1	1	2	3	1	3	2	1	1	1	1	1	38
53	0	12	0	0	0	0	2	12	0	0	4	0	22	1	1	1	1	1	3	1	3	1	3	1	1	1	1	1	30
54	0	8	0	0	0	0	0	16	0	0	4	0	22	1	1	1	1	1	3	2	1	2	3	1	1	1	1	1	28
55	0	12	0	0	0	0	0	4	0	0	0	0	22	1	1	1	1	1	4	1	1	1	4	1	1	1	1	1	16
56	0	8	0	0	0	0	0	8	0	0	0	0	22	1	1	1	1	2	2	2	1	2	2	2	1	1	1	1	16
57	0	4	0	0	0	0	0	32	0	0	0	0	22	1	1	1	1	2	3	1	1	1	3	2	1	1	1	1	36
58	48	20	2	0	0	2	0	68	0	12	4	24	22	1	1	1	2	1	1	1	5	1	1	1	2	1	1	1	180
59	0	0	0	0	0	0	0	28	0	0	0	0	22	1	1	1	2	2	1	2	1	2	1	2	2	1	1	1	28
60	0	12	0	0	0	0	0	16	0	0	0	0	22	1	1	1	2	2	2	1	1	1	2	2	2	1	1	1	28
61	48	32	0	0	0	0	0	48	0	12	0	24	22	1	1	1	3	1	1	1	3	1	1	1	3	1	1	1	164
62	48	20	2	0	0	0	0	80	0	12	0	24	22	1	1	1	4	1	1	1	1	1	1	1	4	1	1	1	186
63	48	8	4	0	0	0	0	88	0	12	0	24	22	1	2	1	1	1	2	1	3	1	2	1	1	1	2	1	184
64	0	8	0	0	0	0	0	32	0	0	0	0	22	1	2	3	1	1	1	1	1	1	1	1	1	3	2	1	40
65	0	16	0	0	0	0	0	24	0	0	4	0	22	1	3	1	1	1	1	1	3	1	1	1	1	1	3	1	44
66	48	12	6	0	0	0	0	96	2	12	0	24	22	1	3	1	2	1	1	1	1	1	1	1	2	1	3	1	200
67	48	20	2	0	0	0	0	68	0	12	0	24	22	2	1	1	1	1	1	2	3	2	1	1	1	1	1	2	174
68	0	16	0	0	0	0	0	8	0	0	4	0	22	2	1	1	2	1	1	2	1	2	1	1	2	1	1	2	28
69	48	36	2	0	0	2	0	56	0	12	4	24	22	2	2	1	1	1	2	1	1	1	2	1	1	1	2	2	184
70	0	12	0	0	0	0	0	20	2	0	0	0	22	2	2	1	2	1	1	1	1	1	1	1	2	1	2	2	34
71	48	36	2	0	0	0	0	68	0	12	0	24	22	2	2	2	1	1	1	1	1	1	1	1	1	2	2	2	190
72	48	24	4	0	0	0	0	100	0	12	0	24	22	3	2	1	1	1	1	1	1	1	1	1	1	1	2	3	212
73	0	12	0	2	2	0	0	16	0	0	0	0	22	4	1	1	1	1	1	1	1	1	1	1	1	1	1	4	32
74	0	4	0	0	0	0	0	36	0	0	0	0	23	1	1	1	1	1	2	3	2	3	2	1	1	1	1	1	40

75	0	16	0	0	0	0	0	40	0	0	0	0	23	1	1	1	1	1	4	1	2	1	4	1	1	1	1	1	56
76	0	0	0	0	0	0	0	20	0	0	0	0	23	1	1	1	1	3	2	1	2	1	2	3	1	1	1	1	20
77	48	20	2	0	0	2	0	56	0	12	4	24	23	1	1	1	2	1	1	1	6	1	1	1	2	1	1	1	168
78	48	20	2	0	0	0	0	84	0	12	0	24	23	1	1	1	4	1	1	1	2	1	1	1	4	1	1	1	190
79	0	12	0	0	0	0	2	20	0	0	4	0	23	1	1	2	2	2	1	1	2	1	1	2	2	2	1	1	38
80	0	12	0	0	0	0	0	36	0	0	0	0	23	1	1	3	1	1	1	1	4	1	1	1	1	3	1	1	48
81	0	4	0	0	0	0	0	48	0	0	0	0	23	1	2	1	1	1	1	3	2	3	1	1	1	1	2	1	52
82	48	12	6	0	0	0	0	84	0	12	0	24	23	1	2	1	1	1	2	1	4	1	2	1	1	1	2	1	186
83	0	8	0	0	0	0	0	48	0	0	0	0	23	1	2	1	1	2	1	2	2	2	1	2	1	1	2	1	56
84	0	12	0	0	0	0	0	40	0	0	0	0	23	1	2	1	1	3	1	1	2	1	1	3	1	1	2	1	52
85	0	4	0	0	0	0	0	40	0	0	0	0	23	1	2	1	3	1	1	1	2	1	1	1	3	1	2	1	44
86	0	12	0	0	0	0	0	48	0	0	0	0	23	1	3	1	1	1	2	1	2	1	2	1	1	1	3	1	60
87	0	20	0	0	0	0	0	32	0	0	4	0	23	2	1	1	2	1	1	2	2	2	1	1	2	1	1	2	56
88	0	8	0	0	0	0	0	40	0	0	4	0	23	2	1	2	1	1	1	1	4	1	1	1	1	2	1	2	52
89	0	20	0	0	0	0	0	32	0	0	0	0	23	2	2	2	1	1	1	1	2	1	1	1	1	2	2	2	52
90	0	24	0	0	0	0	0	48	0	0	0	0	23	3	2	1	1	1	1	1	2	1	1	1	1	1	2	3	72
91	0	4	0	0	0	0	0	16	2	0	0	0	24	1	1	1	1	1	3	3	1	3	3	1	1	1	1	1	22
92	0	8	0	0	0	0	0	4	0	0	4	0	24	1	1	1	1	1	4	1	3	1	4	1	1	1	1	1	16
93	0	8	0	0	0	0	0	28	0	0	4	0	24	1	1	1	1	1	4	2	1	2	4	1	1	1	1	1	40
94	0	12	0	0	0	0	0	0	0	0	0	0	24	1	1	1	1	1	5	1	1	1	5	1	1	1	1	1	12
95	0	0	0	0	0	0	0	32	0	0	0	0	24	1	1	1	2	1	3	1	3	1	3	1	2	1	1	1	32
96	0	0	0	0	0	0	0	24	0	0	0	0	24	1	1	1	2	3	2	1	1	1	2	3	2	1	1	1	24
97	48	20	2	0	0	0	0	56	0	12	0	24	24	1	1	1	3	1	1	1	5	1	1	1	3	1	1	1	162
98	0	8	0	0	0	0	0	0	0	0	0	0	24	1	1	1	4	1	2	1	1	1	2	1	4	1	1	1	8
99	0	16	0	0	0	0	0	4	0	0	0	0	24	1	1	2	1	2	1	1	5	1	1	2	1	2	1	1	20
100	0	12	0	0	0	0	2	4	0	0	4	0	24	1	1	2	2	2	1	1	3	1	1	2	2	2	1	1	22
101	0	8	0	0	0	0	0	12	0	0	4	0	24	1	1	4	2	1	1	1	1	1	1	1	2	4	1	1	24
102	48	8	4	0	0	0	0	76	0	12	0	24	24	1	2	1	1	1	2	1	5	1	2	1	1	1	2	1	172
103	48	4	2	0	0	0	0	92	0	12	0	24	24	1	2	1	3	1	2	1	1	1	2	1	3	1	2	1	182
104	0	8	0	0	0	0	0	36	2	0	0	0	24	1	2	3	2	1	1	1	1	1	1	1	2	3	2	1	46
105	0	4	0	0	0	0	0	44	0	0	0	0	24	1	3	1	2	1	1	1	3	1	1	1	2	1	3	1	48
106	0	12	0	0	0	0	2	24	0	0	4	0	24	2	1	1	1	2	1	3	1	3	1	2	1	1	1	2	42
107	48	24	4	0	0	2	0	64	0	12	4	24	24	2	2	2	1	2	1	1	1	1	1	2	1	2	2	2	182
108	48	24	4	0	0	0	0	64	0	12	0	24	24	2	3	1	1	1	2	1	1	1	2	1	1	1	3	2	176
109	0	16	0	0	0	0	0	12	0	0	4	0	24	3	1	2	1	1	1	2	1	2	1	1	1	2	1	3	32
110	0	12	0	0	0	0	0	28	0	0	0	0	24	3	2	1	1	2	1	1	1	1	1	2	1	1	2	3	40
111	0	16	0	0	0	0	0	24	0	0	0	0	25	1	1	1	1	1	5	1	2	1	5	1	1	1	1	1	40
112	0	4	0	0	0	0	0	4	0	0	0	0	25	1	1	1	2	1	2	1	6	1	2	1	2	1	1	1	8
113	48	16	0	0	0	0	0	60	0	12	0	24	25	1	1	1	3	1	1	1	6	1	1	1	3	1	1	1	160
114	48	16	0	0	0	0	0	88	0	12	0	24	25	1	1	1	5	1	1	1	2	1	1	1	5	1	1	1	188
115	0	8	0	0	0	0	0	36	0	0	4	0	25	1	1	2	1	1	3	2	2	2	3	1	1	2	1	1	48
116	0	12	0	0	0	0	2	8	0	0	4	0	25	1	1	2	2	2	1	1	4	1	1	2	2	2	1	1	26

117	0	8	0	0	0	0	0	40	0	0	0	0	25	1	1	3	1	1	1	3	2	3	1	1	1	3	1	1	48
118	48	8	4	0	0	0	0	64	0	12	0	24	25	1	2	1	1	1	2	1	6	1	2	1	1	1	2	1	160
119	48	16	0	0	0	0	0	72	0	12	0	24	25	1	2	1	2	1	2	1	4	1	2	1	2	1	2	1	172
120	48	12	6	0	0	0	0	72	0	12	0	24	25	1	2	1	3	1	2	1	2	1	2	1	3	1	2	1	174
121	48	8	4	0	0	0	0	84	0	12	0	24	25	1	3	1	1	1	3	1	2	1	3	1	1	1	3	1	180
122	0	8	0	0	0	0	0	36	0	0	0	0	25	2	1	1	1	2	1	1	6	1	1	2	1	1	1	2	44
123	0	16	0	0	0	0	0	4	0	0	4	0	25	2	1	1	2	1	1	2	4	2	1	1	2	1	1	2	24
124	0	0	0	0	0	0	0	36	0	0	0	0	25	2	1	2	1	1	2	1	4	1	2	1	1	2	1	2	36
125	48	16	0	0	0	0	0	84	0	12	0	24	25	2	1	2	1	2	1	2	2	2	1	2	1	2	1	2	184
126	0	8	0	0	0	0	0	56	0	0	0	0	25	2	1	2	2	1	1	1	4	1	1	1	2	2	1	2	64
127	0	4	0	0	0	0	0	24	2	0	0	0	25	2	2	1	1	2	2	1	2	1	2	2	1	1	2	2	30
128	48	8	4	0	0	0	0	96	0	12	0	24	25	2	3	2	1	1	1	1	2	1	1	1	1	2	3	2	192
129	48	20	2	0	0	0	0	96	0	12	0	24	25	3	1	2	1	2	1	1	2	1	1	2	1	2	1	3	202
130	48	32	0	0	0	0	0	80	0	12	0	24	25	3	2	1	2	1	1	1	2	1	1	1	2	1	2	3	196
131	0	4	0	0	0	0	0	28	2	0	0	0	26	1	1	1	1	1	4	3	1	3	4	1	1	1	1	1	34
132	0	8	0	0	0	0	0	0	0	0	4	0	26	1	1	1	1	1	5	1	3	1	5	1	1	1	1	1	12
133	48	16	0	0	0	0	0	48	0	12	0	24	26	1	1	1	3	1	1	1	7	1	1	1	3	1	1	1	148
134	0	16	0	0	0	0	0	0	0	0	0	0	26	1	1	2	1	2	1	1	7	1	1	2	1	2	1	1	16
135	0	8	0	0	0	0	0	4	0	0	0	0	26	1	1	2	3	1	1	2	3	2	1	1	3	2	1	1	12
136	48	4	2	0	0	0	0	80	0	12	0	24	26	1	2	1	4	1	2	1	1	1	2	1	4	1	2	1	170
137	0	8	0	0	0	0	0	32	0	0	4	0	26	1	4	1	1	1	2	1	3	1	2	1	1	1	4	1	44
138	48	4	2	0	0	0	0	68	0	12	0	24	27	1	2	1	4	1	2	1	2	1	2	1	4	1	2	1	158
139	0	0	0	0	0	0	0	40	0	0	0	0	27	1	2	2	1	1	1	4	2	4	1	1	1	2	2	1	40
140	0	16	0	0	0	0	0	0	0	0	4	0	27	2	1	1	2	1	1	2	6	2	1	1	2	1	1	2	20
141	0	0	0	0	0	0	0	48	0	0	0	0	27	2	1	2	3	1	1	1	4	1	1	1	3	2	1	2	48
142	48	8	4	0	0	0	0	72	0	12	0	24	27	3	1	1	2	1	1	3	2	3	1	1	2	1	1	3	168
143	0	8	0	0	0	0	0	24	0	0	4	0	27	3	1	2	2	2	1	1	2	1	1	2	2	2	1	3	36
144	0	20	0	0	0	0	0	40	0	0	0	0	27	3	3	1	2	1	1	1	2	1	1	1	2	1	3	3	60
145	0	16	0	0	0	0	0	32	0	0	0	0	27	4	1	1	2	1	1	2	2	2	1	1	2	1	1	4	48
146	0	4	0	0	0	0	0	0	0	0	0	0	28	1	1	1	1	1	5	1	5	1	5	1	1	1	1	1	4
147	48	0	0	0	0	0	0	84	0	12	0	24	28	1	2	1	5	1	2	1	1	1	2	1	5	1	2	1	168
148	0	12	0	0	0	0	2	0	0	0	4	0	29	1	1	2	2	2	1	1	8	1	1	2	2	2	1	1	18
149	48	0	0	0	0	0	0	72	0	12	0	24	29	2	3	1	1	1	3	2	2	2	3	1	1	1	3	2	156
150	0	8	0	0	0	0	0	20	2	0	0	0	29	3	2	2	2	2	1	1	2	1	1	2	2	2	2	3	30
151	48	4	2	0	0	0	0	56	0	12	0	24	30	1	2	1	4	1	2	1	5	1	2	1	4	1	2	1	146
152	48	0	0	0	0	0	0	60	0	12	0	24	31	1	2	1	4	1	2	1	6	1	2	1	4	1	2	1	144
153	0	0	0	0	0	0	0	44	0	0	0	0	31	3	3	1	1	1	4	1	2	1	4	1	1	1	3	3	44
154	48	0	0	0	0	0	0	48	0	12	0	24	34	1	2	1	4	1	2	1	9	1	2	1	4	1	2	1	132
		representatives of the 12 equivalence classes																												
		(read row as 4x4-matrix and connect equal numbers by a line):																												

169		(01): 1122 3344 5566 7788																						
170		(02): 1122 3443 5665 7788																						
171		(03): 1122 3456 7788 4365																						
172		(04): 1122 3456 5768 8347																						
173		(05): 1122 3456 5768 4873																						
174		(06): 1122 3456 7878 6543																						
175		(07): 1122 3456 6783 8547																						
176		(08): 1221 3443 5665 7887																						
177		(09): 1234 5167 7385 2648																						
178		(10): 1234 5678 8765 4321																						
179		(11): 1234 2567 8653 4871																						
180		(12): 1234 2143 5678 6587																						