



THE PUZZLING SIDE OF CHESS

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INDEX

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I. Common Puzzles *bold = column number*

- Board Domination **06:** 5Q, 3Q+2R, 2Q+4R, 1Q+5R **15:** 8 Officers
24: 4R+4B+4N **71:** BBNN **82:** 7B
86: 4R+4N, 5R+5N **93:** 6Q
97: 4B+4N (*each attack 8 squares*)
100: 4Q (*attack total of 100 squares*) **106:** 6Q
107: 8R, 11R **110:** 4Q
111: 8B (*each attack 8 squares*)
135: 6B (*each attack 11 squares*) **142:** 4R+4B
178: 8 Officers
- Construction Task
(most #1) **15:** 1,2 QRRBBNN **24:** 3ab RBN, 4ab RRRBBNN
37: 5ab QRBN **59:** 6 multi-Qs **67:** 5ab QRBN
70: 7 BBNN **86:** 8 RRNN **94:** 9 RBNN
116: 10 QQRRBBNN **135:** 12 BBB
138: most by R **142:** 13 RRBB **143:** 14 QQNN
153: most by B **161:** most by N **167:** most by P
185: KQQ, KQQQ

Construction Task (other) **93:** K+9Q vs. K+9Q no captures
106: no mate, max Qs
110: K+maxQs vs K, unique mate in 1
116: 11 no mate, max pieces
127: 11 no mate, max pieces **145:** 11
149: DR longest inevitable stalemate
176: DR max moves **178:** DR max moves
185: max get out of check **190:** max disco checks
193: max consecutive disco checks
195: max consecutive disco checks

Cyclotron **55:** 1-6 **61:** 7 **74:** 8-15 **89:** 16-22 **92:** 23-29
94: 37 **95:** 30-36 **98:** 38 **119:** 39-42
126: 43-47 **128:** 48-52 **130:** 53-57 **132:** 58-62
138: 63 **174:** 64 **177:** 65-70 **178:** 71-72
180: 73-78 **183:** 79-84 **195:** helpmate **196:** 85-92
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Defensive Loop **15:** 1 eight officers **18:** 2 eight officers
24: 4R+4B+4N **36:** 16 pieces **59:** 14Q
67: KQRBN (*non-loop*) **70:** BBNN **71:** 4B+4N
82: 12B **86:** 8R+8N **140:** 32N **142:** 7R+7B
143: 6Q+6N **147:** 5R+5B+5N, 6R+6B+6N
151: 31K, 6KR, 8KB, 10KB, 8KN, 9KN, 10KN
155: 16R, 14Q, 32N **156:** QB, QR, KQ, KR, KB
158: QRB, KQR, KQB, KRB, KBP **160:** KQRB,
KQBP, KRBP, KQRBP **162:** BN, RP, NP
164: QRN, QBN, KQN, KRB, KRN, KBN
166: KRP, QNP, RBP, RNP, KNP, BNP
168: QRBN, KQRN, KQBN, KRBN, KQRBN
170: KBNP, KRBP, RBNP, KRNP, KQNP, QRNP,
QBNP, KRBNP, KQRNP, KQBNP, QRBNP,
KQRBNP **172:** KB, KP, KBP, BP, QR, QB, QBP,
KRB, KRN, KBN, RBN, KRBN, KRBNP
179: NP, RP, QRN, QBN, KQN, QRBN, KQRN,
KQBN, KQRBN, KQRBNP, 3-4-5 pieces with P
181: 16 pieces, eight officers, 10B+10N
multi KQRBN, multi KQRBBN, multi KRRBBNN,
multi KQRRBBNN **184:** multi QRBN multi RRBB
multi RRNN multi BBNN multi RBN
198: multi KQRBNP, KQRBBNP, mixed 4R4B4N,
KB, KR, KQ, QB, KBP, KQR, KRB, QRB, KQBP,
KRBP, QRBP, KQRBP, max K, max N, max P, max B

Double Whammy
 (series # in 2) **02:** 1-3 **07:** 4-6 **13:** 7-9 **20:** 10-13 **27:** (2a)
28: 14-16 **35:** 17-24 **36:** 25 **44:** 26-31
50: 32-35 **65:** 36-46 **80:** 47-55 **104:** 56-61
114: 62-64 **120:** 65 **123:** 66 **124:** 67 **211:** 68

Inverted Loyd **05:** 1 RBN **11:** 2 RBN **17:** 2b, 3 RBN
27: (2i) RBN **32:** 4 RBN **41:** 5 RBN **49:** 6 RBN
56: 7 RR, 8 RBN **68:** 9,10 Kp **70:** 11-12 BBNN
71: 13-14 BBNN **85:** 15 RBN **86:** 16,17 RRNN
91: 18 RBN **94:** 19 RBNN **96:** 20-23 RBB
101: 24-27 RBB **105:** 28-31 RBB
109: 32-35 RBB **113:** 36 RBN **118:** 37 RBN
122: 38 BBNN **134:** 39 RBB **137:** 40 BNN
138: 41 BBN **140:** 42,43 QRBN
142: 44,45 RRBB **143:** 46 QQNN
153: 47, 48 RRB **159:** 49 RNN **165:** 50-53
171: 54 **174:** 55 PP, 56 PPP **185:** 57 PPP
212: 58 5P

Maximizer
 (moves) **15:** 8 Officers **18:** 8 Officers **67:** KQRBN
70: BBNN **87:** multi-Qs **90:** 11Q **93:** 12Q,13Q
143: 4Q+4N **147:** 2R+2B+2N **190:** disco check
193: consecutive disco check
195: consecutive disco check

Maximizer
 (squares attacked) **15:** 8 Officers **18:** 8 Officers **59:** 3Q **60:** 4Q
63: 2Q **67:** KQRBN **71:** BBNN **87:** 4Q **98:** 6K

Minimizer
 (moves) **15:** 8 Officers **18:** 8 Officers **67:** KQRBN
70: BBNN **90:** multi-Qs, 11Q **143:** 4Q+4N
147: 2R+2B+2N

Minimizer
 (squares attacked) **15:** 8 Officers **18:** 8 Officers **59:** 3Q
60: 4Q, 5Q, 6Q **63:** 2Q, 7Q, 8Q, 9Q
67: KQRBN **71:** BBNN **87:** 10Q **90:** 11Q
93: 12Q, 13Q **106:** 14Q,15Q

Multi-Wham
 (longer series-mate) **02:** 1 **07:** 2 **13:** 3 **20:** 4 **28:** 5 **35:** 6-7 **44:** 8-9
50: 10-12 **61:** 13 **62:** 14 **67:** 14-15 **73:** 17
76: 18 **80:** 19 **83:** 20 (& 2) **85:** 21 **94:** 22
104: 23,24 **111:** 25 **114:** 26,27 **135:** 28
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185: 46 **190:** 47 **193:** 48 **195:** 49 **200:** 50
201: 51 **211:** 52-57

Proof Game 4.0

03: 1-4 **08:** 5-8,6b,6c **14:** 9-10 **22:** 11-15
29: 16-18 **37:** 19 **38:** 20-23 **46:** 24-27
52: 28-31 **64:** 32-35 **73:** 36 **77:** 37-40
79: 41 **88:** 42-44 **91:** 45 **94:** 46 **97:** 47
99: 48,49 **103:** 50,51 **108:** 52,53 **112:** 54,55
115: 56 **117:** 57,58 **121:** 59,60 **125:** 61,62
129: 63,64 **131:** 65,66 **136:** 67,68 **138:** 69
139: 70,71 **141:** 72,73 **152:** 74,75 **154:** 76,77
157: 78,79 **163:** 80,81 **169:** 82,83 **175:** 84,85
182: 86,87 **187:** 88,89 **195:** 90 **200:** 91 **203:** 92
206: 93 **209:** 94,95

Longer Proof Game
(> 4.0 moves)

39: 1 **54:** 2 **61:** 3 **62:** 4,5 **64:** 6 **68:** 7 **75:** 8
77: 9 **88:** 10 **99:** 11,12 **102:** 13 **103:** 14,15
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175: 69-72 **178:** 73 **182:** 74,75 **185:** 76
187: 77,78 **190:** 79 **193:** 80 **197:** 81-83 **200:** 84-85
201: 86-87 **203:** 88-91 **206:** 92-95 **209:** 96-98
212: 99,100

Queenfest

59: 1-3 **60:** 4-6 **63:** 7-10, 1ef **87:** 11-15
90: 16-18 **93:** 19-22 **100:** 23,24 **106:** 25-27
110: 28-30 **173:** (2) **185**
(See *board domination, piece independence, maximizer, and minimizer.*)

Rebus

133: 1-7 **137:** 8 **138:** 9 **145:** 10 **146:** 11
148: 12-14 **149:** 15 **150:** 16-18 **161:** 19
167: 20 **173:** 21 **174:** 22 **176:** 23 **178:** 24
185: 25 **188:** 26-33 **190:** 34,35 **191:** 36,37
192: 38-49 **193:** 50,51 **194:** 52-60 **195:** 61
196: 62 **197:** 63,64 **199:** 65 **200:** 66, 67
201: 68-69 **202:** 70-73 **204:** 74-77 **207:** 78-80
210: 81-83 **212:** 84

Retro (last move)

30: 1-9 **42:** 10-16 **58:** 17-22 **61:** 23 **79:** 24
81: 25 **82:** 26-27 **84:** 28-33 **94:** 34 **124:** 35
127: 36-38 **145:** 39,40 **149:** 41,42 **176:** 43,44
191: 45-50 **197:** 51-53

Switcheroo

04: 0-4 **10:** 5-13 **16:** 2b, 14-17 **23:** 18-21
27: (2c) **31:** 22-29 **37:** 30 **40:** 31-41
47: 42-61 **55:** 62-64 **74:** 65-67 **190:** 68
195: helpmate

Synthetic Game

14: 1 4...b5# **22:** 2 4...Qb5# **29:** 3 4...d6#
38: 4 4...Nxc2# **46:** 5 4...Bxg4# **52:** 6 4...f5#
64: 7 4...NxB(g2)# **73:** 8 5...Ke8#
76: 9 5...exd1=N# **77:** 10 4...e4# **79:** 11 5.Rxe5#
81: 12 stalemate in 12 **85:** 13 6.Rh1#
88: 14 4...Bd6# **94:** 15 5...Kg6# **98:** 16 4.Bb5#
99: 17 4...Bb7# **102:** 18,19 monkey chess
103: 20 4...Ne4# **108:** 21 4...Qxg1#
112: 22 4...d5# **113:** 23 clear h-file in 3.5
117: 24 4...g4# **118:** 25 clear 8th rank in 6.5
121: 26 5.Bxe8# **125:** 27 5...Bf8# **129:** 28 4...d4#
131: 29 4...c4# **134:** 30 clear g-file in 3.5
136: 31 4...Nc5# **139:** 32 5.Rh3#
140: 33 capture all Ns in 5.0 **141:** 34 5.e4#
152: 35 4...Qd5# **153:** 36 capture all Rs in 6.0
154: 37 4...Qe5# **157:** 38 4...Ne5#
159: 39 capture all Bs in 5.0 **163:** 40 4...Nd4#
169: 41 4...Nf6# **171:** 42 clear de-files
175: 43 5.a5# **182:** 44 8.Ke8 **187:** 45 8.Kh8
203: 46 6.e.p.# **206:** 47 4.Nd5# **209:** 48 4...Bf5#

Triple Loyd

01: 1-3 **05:** 4-6 **11:** 7-9 **17:** 10-13 **24:** 14,15
25: 16-18 **32:** 19-21 **37:** 22 **41:** 23-25
49: 26-28 **56:** 29-31 **61:** 32 **67:** 33-34
70: 35-36 **71:** 37-38 **73:** 39 **76:** 40 **79:** 41
85: 42 **86:** 43 **91:** 44 **94:** 45 **97:** 46 **98:** 47
100: 48 **102:** 49 **107:** 50 **111:** 51 **113:** 52,53
115: 54 **118:** 55,56 **120:** 57 **122:** 58,59
123: 60 **124:** 61 **134:** 62,63 **135:** 64 **137:** 65
138: 66 **140:** 67,68 **142:** 69 **143:** 70 **146:** 71
147: 72 **153:** 73 **159:** 74 **161:** 75 **167:** 76
171: 77 **173:** 78 **174:** 79 **178:** 80 **185:** 81
190: 82 **193:** 83 **195:** 84 **200:** 85 **201:** 86
212: 87

Who's the Goof?

12: 1-6 **19:** 7-10 **26:** 11-14 **34:** 15-18 **37:** 19
43: 20-24 **51:** 25-28 **85:** 29 **91:** 30 **94:** 31
115: 32 **120:** 33 **123:** 34 **124:** 35 **174:** 36
185: 37 **193:** 38 **212:** 39

II. Problem Types & Topics

Add pieces	27: (2 <i>d,f,g,h</i>) 75 See <i>inverted loyd</i> .
Board domination	section I
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Double triple loyd	25
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Mate in 2	21: (1,2,8) 57: (1,2,3) 78: (1,2) 190: (2,3)
Mate in 3	21: (4) 57: (4,5,6,7) 78: (3) 81: (3) 82: (1) 159
Mate in more moves	21: (6,7) 57: (8,9,10) 78: (4,10) 81: (1) 100
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Minimizer	section I
Mobility average	24 147
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Multiloop	181 184 198
Multi-wham	section I
Multiplex	27 79
Orbán effect	3
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Sixteen pieces	36: 1-4 39: 5-9

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