**WORLD FEDERATION
FOR CHESS COMPOSITION**

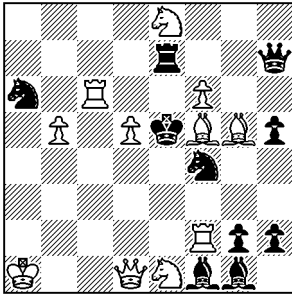# 9th WORLD CHESS COMPOSITION TOURNAMENT 2012-13

ENTRIES
SECTION B: THREEMOVERS

Judging countries: France, Netherlands, Russia, Sweden, USA
Reserves: Finland

Theme: In a directmate in 3 moves, at least three thematic variations are united by manifest systems of moves (similar or different) by both Black and White. For example: moves by the same piece(s), moves to the same square, cyclic play, geometric unity, battery play and so on. The thematic elements may be shown on any move (B1 or B2 for Black, W2 or W3 for White), or as a system linking B1 and B2 or W2 and W3 in the same variation. There may be several phases (solution plus set and/or try or tries), but twinning is not allowed; however the required number of variations must appear in a single thematic phase independently of other phases. The presence of the theme in the actual solution is mandatory. The threat may be one of the thematic variations (with thematic elements for Black shown at B2).

July 2012

B01

1.Qd2! [2.Q×f4+ K×d5 3.Qd6‡]
1…Sf~ 2.Qc3+ K×d5 3.Rd6‡
1…Se2! 2.Qd3 [3.Sf3,Qe4+] Q×f5 3.R×f5‡
1…S×d5! 2.Qd4+ K×d4 3.Sf3‡
1…Se6! 2.Qe3+ K×d5 3.Qe4‡
1…Sc5 2.Q×f4+ K×d5 3.Rd6‡
1…Re6 2.Q×f4+ K×d5 3.B×e6‡
1…K×f5 2.Q×f4+ Kg6 3.f×e7‡
1…Q×f5 2.Sf3+ Ke4 3.Sd6,Qd4‡

♞ correction play
Albino-like play by the ♕

‡3   (11+10) C+

B02
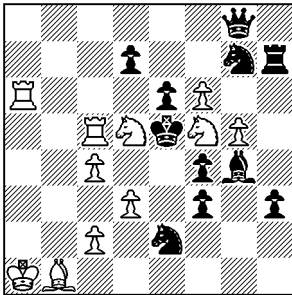
1.c3! [2.d4+ S×d4 3.c×d4‡]
1…S×f5 2.Se3+ d5 3.S×g4‡
1…B×f5 2.Sb6+ d5/Kd6 3.Sd7/Sa4‡
1…e×f5 2.Se7+ d5/Qd5 3.Sg6/Sg6,R×d5‡
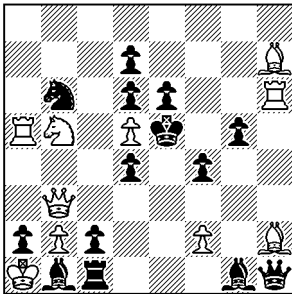(1…Sd4 2.Sde3+,Sde7+,c×d4+)

Stocchi
Siers battery without move by the ♚ (Le Grand Rössel)
B1 defences to the same square
W2 moves by the same piece

‡3   (11+11) C+

B03

1…S×d5 2.Sa3 [3.Sc4‡] d3 3.Qc3‡
1…Q×d5 2.S×d4 [3.Sf3,Qe3‡] Re1/g4/K×d4 3.Sf3/Qe3/Qc3‡
1…e×d5 2.S×d6 [3.Sf7‡] d3 3.Qc3‡

1.Qd3? [2.Q×d4‡]
but 1…B×f2!

1.Sa7! [2.Sc6+ d×c6 3.R×e6‡]
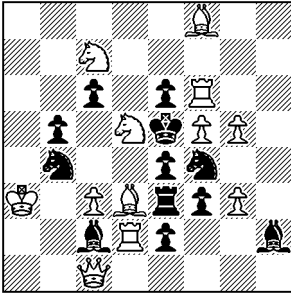1…S×d5 2.Qb8 [3.Qh8‡]
1…Q×d5 2.Qg3 [3.Q×g5‡] d3/g4/f×g3 3.Qe3/Q×f4/B×g3‡
1…e×d5 2.Qd3 [3.Qf5‡] Qe4 3.Q×e4‡

Black defences on the same square
White play by a single piece on both 2nd and 3rd moves in set
play and solution. Pin-mates in the solution.

‡3   (10+14) C+

B04

‡3 (12+12) C+

1.Qb2! [2.c×b4,c4‡]
1…Sb×d3 2.Sb4 [3.S×c6‡] S×b4 3.Bd6‡
1…Sf×d3 2.Sf4 [3.Sg6‡] S×f4 3.Bd6‡
1…R×d3 2.Se3 [3.Sg4‡] R×e3/R×c3+/e×f5 3.Bd6/Q×c3/R×f5‡
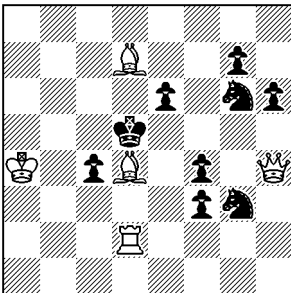1…Sa2,Sb×d5 2.c4+ Sc3 3.Q×c3‡
1…e×d3 2.Q×b4 [3.Bd6,Qd4,Q×f4‡]
1…c×d5 2.Q×b4 [3.Bd6,Qd4,Qd6‡]
(1…Sf×d5 2.c4+,c×b4+ Sc3 3.Q×c3‡)

Umnov
For White: moves by the same piece
For Black: moves to the same square

B05

‡3 (5+9) C+

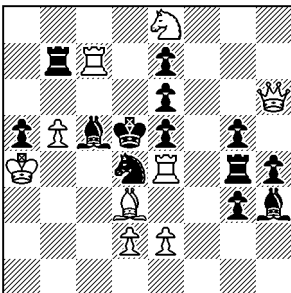**1.Qd8!** [2.Qa5+ Ke4/Kd6 3.Bc6/Bf6‡]
1…Se2,Sf1 2.Be8+ Ke4 3.B×g6‡
1…Sf5 2.Bc8+ Ke4,Sd6/Kc6 3.Bb7/Qd7‡
1…Se4 2.Bc8+ Sd6/Kc6 3.Bb7/Qd7‡
1…c3 2.Bb5+ Ke4 3.Bd3‡

Mates with bishop
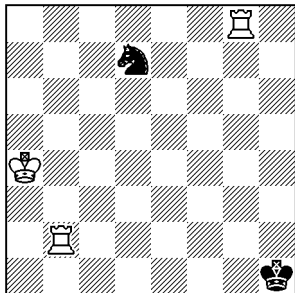
B06

‡3 (9+13) C+

1.Qg6! [2.Bc4+ K×c4 3.Q×e6‡]
1…Sf5 2.Q×e6+ K×e6 3.Bc4‡
1…Rf4 2.R×e5+ K×e5 3.R×c5‡
1…Rb6 2.R×c5+ K×c5 3.R×e5‡

Double inter-variation reciprocal change
in the thematic variations
White moves change functions (check/mate)

B07

‡3   (3+2) C+

1…Sb6+ 2.R×b6 [3.Rh6‡]
1…Sf6 2.Rc8 [3.Rc1‡]

1.Rb5? [2.Rh5‡]
1…Sb6+ 2.R×b6 [3.Rh6‡]
1…Sc5+ 2.R×c5 [3.Rh5‡]
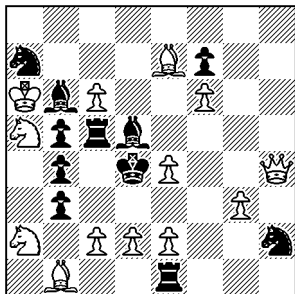1…Se5 2.R×e5 [3.Rh5‡]
but 1…Sf6!

1.Rg5! [-]
1…Sb6+ 2.R×b6 [3.Rh6‡]
1…Sf6,Sc5+ 2.R(×)c5 [3.Rc1‡]
1…Se5 2.R×e5 [3.Re1‡]
(1…Sb8 2.Rb4,R×b8,Rc5,Rd5,Re5
1…Sf8 2.Rc5,Rd5,Re5)

B08

‡3   (13+11) C+

1…B×e4 2.c3+ Kd5,Ke5,R×c3,b×c3 3.Q×e4‡

1.Qg5! [2.B×c5+ K×c5,B×c5/K×e4 3.Q×d5/Qf4,d3‡]
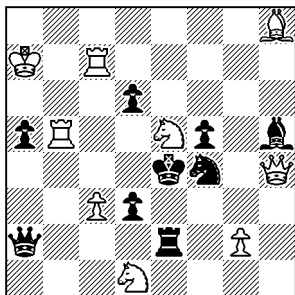1…Bc4 2.c3+ b×c3 3.d×c3‡
1…B×e4 2.e3+ R×e3 3.d×e3‡
1…B×c6 2.S×b3+ Kc4,K×e4 3.d3‡
1…Be6 2.Qe3+ Ke5 3.d4‡

♟ star
White Albino mates

B09

‡3   (9+9) C+

1.Qg3! [2.Qf3+ B×f3 3.g×f3‡]
1…S~ 2.Sc4 [3.S×d6,Re7‡] Bf7/Qa3/Q×c4 3.S×d6/Re7/R×c4‡
1…Sg6! 2.Sf3 [3.Sg5‡] Qd2/B×f3 3.Rc4/Q×f3,g×f3‡ (2.Sc4? Qa3!)
1…Se6!! 2.Sd7 [3.Sf6‡] (2.Sc4?,Sf3?)
1…Sd5!!! 2.Sf7 [3.S×d6,Sg5‡] f4/B×f7 3.S×d6/Qf3‡
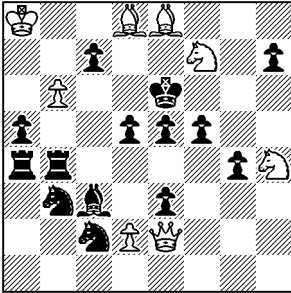(2.Sc4?,Sf3?,Sd7?)

B1 moves by the same piece
Thematic W2 moves and W3 mates by the same piece
Four thematic variations
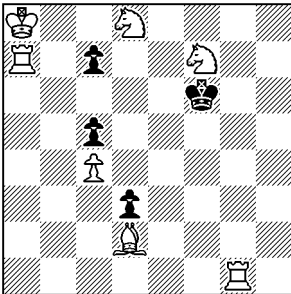Quaternary black correction
Unpinning key

B10

‡3   (8+14) C+

1.d4! [2.Sg5+ Kd6 3.S×f5‡]
1…R×d4 2.Qb5 [3.Qc6,Qd7‡]
1…B×d4 2.Q×c2 [3.Q×f5,Qc6‡]
1…Sb×d4 2.Qa6 [3.Qc8‡]
1…Sc×d4 2.Q×e3 [3.Q×e5,Qh6‡]
1…e×d4 2.Qd3 [3.Q×f5‡]
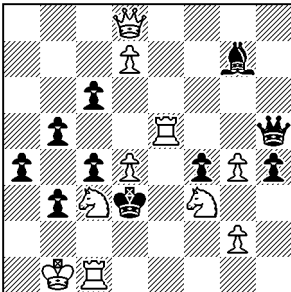1…h6 2.Sg6 [3.Sf8‡] f4 3.Q×g4‡

5 captures of ♙d4 at B1 and ♕ moves at W2 and W3.
Probably a task.

B11

‡3   (7+4) C+

1.Sd6! [-]
1…Ke7 2.Rg7+ K×d6/Kf6/K×d8/Kf8 3.Bf4/Bc3/Bg5/Se6‡
1…Ke5 2.R×c7 Kd4/K×d6/Kf6 3.Sc6/Bf4/Bc3‡
1…c×d6 2.Rg5 [3.Rf7‡]

Three B2 moves by the same piece.
Three mates at W3 by the same piece.
In addition, mates by three pieces (♗, ♘ and ♖).

B12

‡3   (10+10) C+

1.Re2! [2.Rd2+ Ke3 3.Re1‡]
1…Qf5 2.Qa5 [3.Rd1‡] b4 3.Q×f5‡
1…Qg6 2.Qb6 [3.Se1‡] c5 3.Q×g6‡
1…Qh7 2.Qe7 [3.Rd2‡] Be5/Qe4 3.Q×h7/Q×e4‡

Black battery creation vs. white ambush creation.
Three white men are supported by the ♕, while three black
men simultaneously open and close ♕ lines.

B13
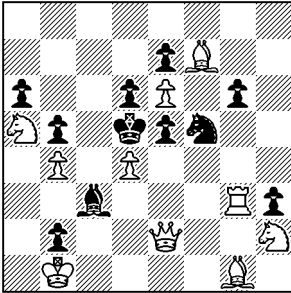
‡3   (10+11) C+

1.Rg4? [2.Qe4‡]
but 1…Sg3!

1.Rg5! [-]
1…B~ 2.Qf3+ e4 3.Qb3‡
1…B×d4 2.Qd1 (Qd3?) S~/Se3/e4/Ke4 3.Q×d4/Qf3/Q×d4/Qf3‡
1…Se3 2.Q×e3 [3.Qf3‡]
1…S×d4 2.Qd3 (Qd1?) B~ 3.Q×d4‡
1…e4 2.Qe3 (Qd1?) B~/B×d4 3.Qb3/Q×d4‡
1…e×d4 2.Qf3+ Ke5 3.Sg4‡
1…Sg3 2.R×e5+ d×e5 3.Q×e5‡
(1…Sh4 2.Rg4,R×e5+)

Captures on d4 at B1 by three black units are matched
by three ♕ moves (W2)
2x3 thematic variations with correction by all three black
thematic units

B14
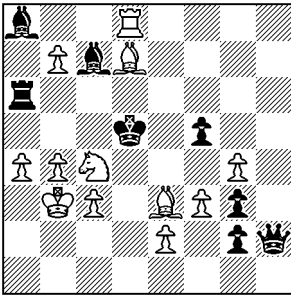
‡3   (12+8) C+

1.g×f5! [2.Be6+ Kc6 3.Bd5‡]
1…Bd6 2.Bd4 [3.Se3,e4‡]
1…Be5 2.Bc5 [3.Se3,e4‡]
1…Bf4 2.Bb6 [3.e4‡] Be3 3.Bb5,Be8‡
1…Bb6 2.Bf4 [3.e4‡] Be3 3.S×e3‡
1…Bb8 2.b5 [3.Bc6,Be6‡]
1…Ba5,B×d8 2.b8=Q [3.Qb5,Qe5‡]
1…R×a4 2.B×a4+ B×d8/Bd6 3.b×a8=Q/R×d6,b×a8=Q‡
(1…Ra5 2.Bf4,Ba7)

All four thematic B1 moves by the same piece
are unblocks and interferences.
W2 moves by the same piece. Four thematic variations.
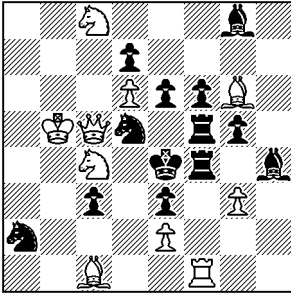Four anti-magnet moves by ♝c7 and ♗e3 (task).

B15
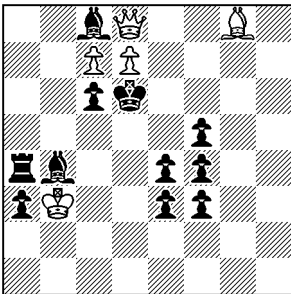
‡3   (5+11) C+

1.Bc4! [2.d×c8=S+ Ke5/Kc5 3.Qh8/Qd6‡]
1…Ba6,Bb7 2.Qe7+ K×c7,K×e7 3.d8=Q‡
1…B×d7 2.c8=S+ Ke5/Kc5 3.Qh8/Qb6‡
1…c5 2.d×c8=Q+ Ke5/Kc6 3.Qe6/Qf6‡
1…Ke5 2.d×c8=Q [3.Qe6‡] Bd6 3.Qh8‡

6

B16

1.S4b6! [2.Qc4+ Ke5 3.S×d7‡]
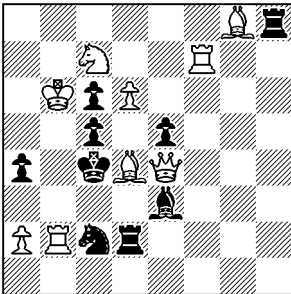1…Sdb4 2.S×d7 [3.S×f6‡] g4/Sd5 3.R×f4/Qc4‡
1…Sc7+ 2.d×c7 [3.Sd6‡] d5 3.Q×e3‡
1…Se7 2.d×e7 [3.Sd6‡] d5 3.Q×e3‡
1…S×b6 2.Rd1 [3.Rd4‡] Sd5/e5 3.Qd4/Q×e3‡
1…Ke5 2.S×d7+ Ke4 3.Qc4‡

‡3   (10+13) C+

B17

1.Sb5! [2.R×c2+ R×c2/Kb4 3.B×e3/Bc3,B×c5‡]
1…R×d4 2.Rf2+ R×g8 3.Rf×c2‡
1…B×d4 2.Rf3+ R×g8 3.Rc3‡
1…S×d4 2.Ra7+ R×g8 3.R×a4‡
1…c×d4 2.Rc7+ R×g8 3.R×c6‡
1…e×d4 2.Rf5+ R×g8 3.R×c5‡
1…c×b5 2.Rc7+ R×g8 3.R×c5‡

Five variations with same-square mechanism (d4)
and W2 and W3 moves by the ♖ (15 thematic moves)
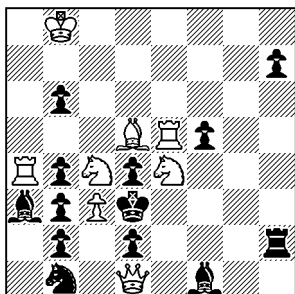
‡3   (9+9) C+

B18
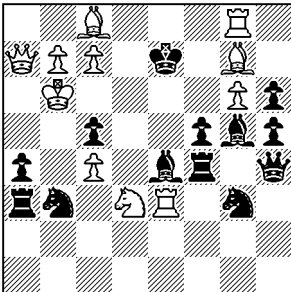
1.Be6? [2.c8=Q [3.Qd7‡] Bc6 3.Qd8,Qf8‡]
but 1…Kd6!

1.Bd7! [2.b8=Q,b8=S,b8=B [3.c8=S‡]]
1…Bf6 2.Bf8+ K×d7 3.c8=Q‡
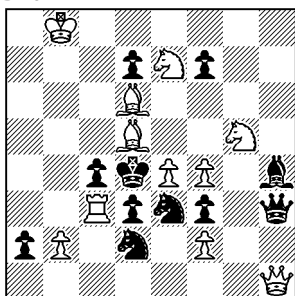1…K×d7 2.c8=Q,B+ Kd6,Ke7 3.b8=Q‡
1…Sb~ 2.c8=S+ K×d7 3.S×c5‡

‡3   (11+13) C+

B19

1.Sed6! [2.Q×b1+ K×c3 3.Sb5‡]
1…S×c3 2.S×b2+ B×b2 3.Bc4‡
1…d×c3! 2.Be4+ Kd4,f×e4 3.Rd5‡
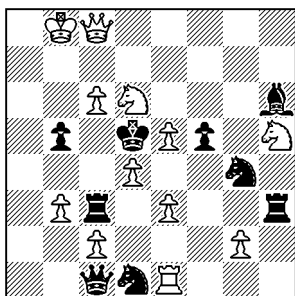1…b×c3! 2.Re3+ d×e3 3.Se5‡
1…K×c3 2.Sb5+ Kd3 3.Q×b1‡

3 schwarze Blocks auf demselben Feld (die Bauernzüge dabei als fortgesetzte Verteidigung) gefolgt von zweckreinen weißen Räumungsopfern.
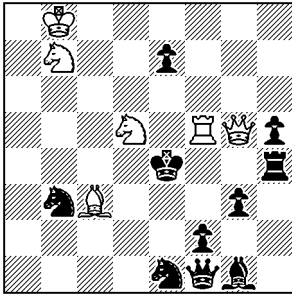Zyklus der weißen Zweit- und Mattfiguren ♘♗-♗♖-♖♘.

‡3   (8+13) C+

B20

1.Qf1! [2.Q×d3+ c×d3 3.Bc5,Be5‡]
1…Sd×f1 2.Sf5+ S×f5/Q×f5 3.R×c4/S×f3‡
1…Se×f1 2.S×f3+ S×f3/Q×f3 3.R×c4/Sf5‡
1…Q×f1 2.R×c4+ Sd×c4/Se×c4 3.S×f3/Sf5‡

‡3   (11+11) C+

B21

1.Qd7! [2.Qf7+ K×c6 3.Qb7‡]
1…Q×e3 2.Sc4+ Ke4 3.Sd2‡ (with self-pin)
1…B×e3 2.Sf7+ Ke4 3.Sg5‡ (with self-pin)
1…Rh×e3 2.S×f5+ Ke4 3.Sfg3‡ (with self-pin)
1…Rc×e3 2.Sb7+ Ke4 3.Sc5‡
1…Sd×e3 2.S×b5+ Ke4 3.S×c3‡
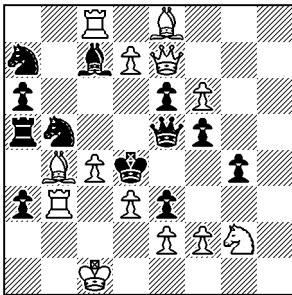1…Sg×e3 2.Se8+ Ke4 3.Sef6‡

‡3   (12+9) C+

B22

‡3 (6+10) C+

1…Rg4 2.Qe3+ K×f5 3.S×e7‡
1…e6 2.Q×g3 [3.Sd6,Re5‡] K×f5/e×f5/Sf3 3.Sd6/Sf6/Q×f3‡

1.Qg6! [2.Rf4+ K×d5 3.Qe4‡]
1…Qg2 2.Re5+ Kf3 3.Re3‡
1…Qc4 2.Rf8+ K×d5 3.Rd8‡
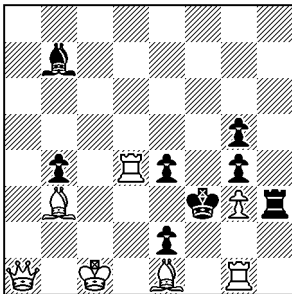1…Qe2 2.Rg5+ Kf3 3.R×g3‡
1…Kd3 2.Re5+ Kc4/Re4 3.Qa6/Q×e4‡

♛ guards the ♚ initial square creating distant self-blocks
White battery replies

B23

‡3 (13+12) C+
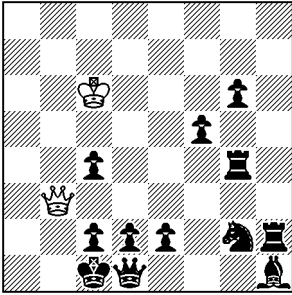
1.d8=S! [2.S×e6+ Q×e6 3.Qc5‡]
1…Sd6 2.Bc3+ Kc5 3.Sb7‡
1…Bd6 2.Q×a7+ Qc5,Bc5/S×a7 3.Sc6/Bc3‡
1…Qd6,Qd5 2.f×e3+ Ke5 3.Sf7‡
1…Bb2 2.B×b5 [3.Bc3‡] S×b5 3.Sc6‡
1…B×d8 2.Bc5+ Q×c5 3.Q×c5‡

B1 moves to the same square
W3 mates by the same piece

B24

‡3 (7+8) C+

1.Qa7! [2.Rd6,Rd7,Rd8,Q×b7]
1…Rh6 2.Rd6 [3.Qf2‡] e3 3.Q×b7‡
1…Rh7 2.Rd7 [3.Qf2‡] e3 3.Q×b7‡
1…Rh8 2.Rd8 [3.Qf2‡] e3 3.Q×b7‡
1…Bc8,Bd5 2.Rd3+ e×d3/e3 3.B(×)d5/B(×)d5,R×e3,Q×e3‡
1…Bc6 2.Qf7+ Ke3 3.Bf2,Qf2‡

B25

‡3   (2+12) C+
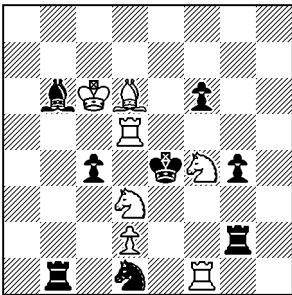
1.Qa2! [2.Qa1‡]
1…Se1+ 2.Kb6 (Kc5?) [3.Qa1‡]
1…Se3+ 2.Kc5 (Kb6?) [3.Qa1‡]
1…Sf4+ 2.Kd6 [3.Qa1‡]
1…Sh4+ 2.Kc7 [3.Qa1‡]

B26

‡3   (7+8) C+

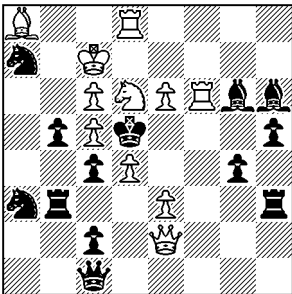**1.Se2!** [2.Rf4‡]
1…Sf2 2.Sc3+ Kf3 3.Rf5‡
1…Rf2 2.Sg3+ Kf3 3.Se1‡
1…Bf2 2.Sc5+ Kf3/B×c5 3.Sd4/Rf4‡
1…Be3 2.Sc5+ B×c5 3.Rf4‡

Closing of a line of a white piece on the same square at B1
The line-closing pieces grant a flight square to ♚ at B1
Changed mates at W3 after the ♚ moves to the same (vacant)
square at B2

B27

‡3   (11+13) C+

1.Kb6! [2.c7+ Sc6 3.B×c6‡]
1…Q×e3 2.S×c4+ Ke4 3.Sd2‡
1…B×e3 2.Sf7+ Ke4 3.Sg5‡
1…Rb×e3 2.S×b5+ Ke4 3.Sc3‡
1…Rh×e3 2.Sf5+ Ke4 3.Sg3‡
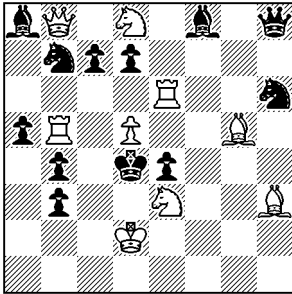1…Sc8+ 2.S×c8+ Ke4 3.c7‡
1…Be8 2.Rf5+ K×e6 3.R×e8‡

Four captures of ♙e3 with anticipatory self-pins at B1
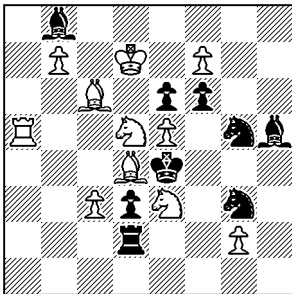W2 moves and W3 mates by the same piece

B28

1.Bf1! [2.Sc2+ b×c2 3.Be3‡]
1…Bc5 2.Sc6+ d×c6 3.Q×h8‡
1…Sc5 2.R×b4+ a×b4 3.Q×b4‡
1…c5 2.R×e4+ K×e4 3.Qf4‡

Closing of a line of a white piece on the same square at B1
Opening of lines of the same white piece at B1
Attacks with checks at W2
Capture of the attacking pieces at B2
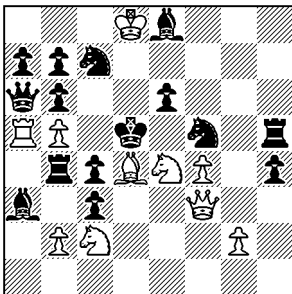Mates by the same piece at W3

‡3   (9+12) C+

B29

1.Ra4! [2.Ba7+ K×e5 3.B×b8‡]
1…Bc7 2.Bb6+ K×e5 3.B×c7‡
1…Bd6 2.Bc5+ K×e5 3.B×d6‡
1…B×e5 2.B×e5+ K×e5 3.b8=Q‡
1…Bd1 2.Se7+ Kf4 3.Sg6‡
1…Sf3,S×f7 2.Sc7+ Kf4 3.S×e6‡
1…Se2,Sf5 2.S×f6+ Kf4 3.S×h5‡
1…Ra2,Rb2,R×g2 2.Sb4+ Kf4 3.S×d3‡

Two sets of variations as follows:
♖♗-battery operates in the threat and three defences with
the ♗b8, which is captured by the ♗ and ♚ mated on e5 with
a diagonal check.
♗♘-battery variations commence with Black trying to disturb
the ♖♗-battery but giving up a guard, which is utilised in
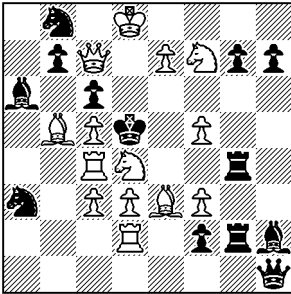White's third move. The ♚ is mated on f4.

‡3   (11+9) C+

B30

1…Q×b5 2.Sc5+ Kd6 3.S×b7‡
1…R×b5 2.Sd2+ Kd6 3.S×c4‡
1…B×b5 **a** 2.Sg5+ **A** Kd6 3.Sf7‡
1…S×b5 **b** 2.Sf6+ **B** Kd6 3.S×e8‡

1.Be5! [2.Qd1+ K×e4/Sd4 3.Qf3/Q×d4‡]
1…Q×b5 2.Sd6+ Kc5 3.S×b7‡
1…R×b5 2.S×c3+ Kc5 3.Sa4‡
1…B×b5 **a** 2.Sf6+ **B** Kc5 3.Sd7‡
1…S×b5 **b** 2.Sg5+ **A** Kc5 3.S×e6‡

Same-square mechanism (b5)
and W2 and W3 moves by the ♘ with changed play
Reciprocal changes
8 thematic variations and 24 thematic moves

‡3   (10+15) C+

B31

1.Se6! [2.Bf4 [3.Rd4,Qe5,Qd6‡] S×c4 3.d×c4‡]
1…c×b5 2.Sf4+ B×f4/R×f4 3.Rd4/Qd6‡
1…S×b5 2.Rf4 [3.c4,Qe5‡] Sd6/S×c7 3.Q×d6/S×c7‡
1…B×b5 2.Qf4 [3.Rd4,Sc7‡]
1…Qe1 2.Q×h2 [3.Sc7,Qe5,Qd6‡]
1…Sd7 2.Q×d7+ Bd6 3.Sc7,Q×d6‡
1…Sc2 2.Rf4 [3.Qe5,Qd6,c4‡]

Black defences at B1 on the same square
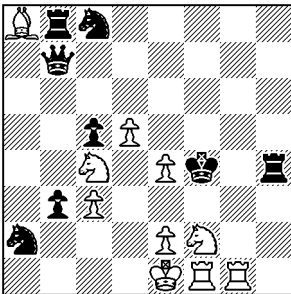White continuations at W2 on the same square

‡3   (14+13) C+

B32
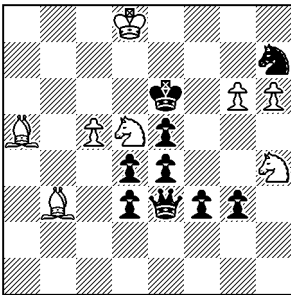
1.Bd2! [2.S×e3+ Kf6 3.Sg4‡]
1…Q×d2 2.Sc3+ Kf6 3.S×e4‡
1…Qf4 2.S×f4+ Kf6 3.Sh5‡
1…Q×h6 2.Sc7+ Kf6 3.Se8‡
1…Qg5+ 2.Se7+ Kf6 3.Sg8‡

Duel ♛-♘
For White: Siers battery
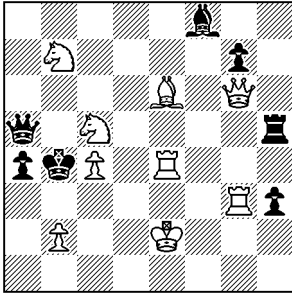For Black: moves by the same piece

‡3   (8+9) C+

B33

1.Kd2! [2.e3+ Kf3 3.Se5‡]
1…Qc7 2.Sh3+ (Sh1+?,Sd3+?) K×e4 3.Sg5‡
1…Qe7 2.Sh1+ (Sd3+?,Sh3+?) K×e4 3.Sg3‡
1…Qg7 2.Sd3+ (Sh3+?,Sh1+?) K×e4 3.S×c5‡
1…Q×d5+ 2.B×d5 [3.Sd1,Sh1,Sd3,Sh3‡]

B1 defences done by the same piece
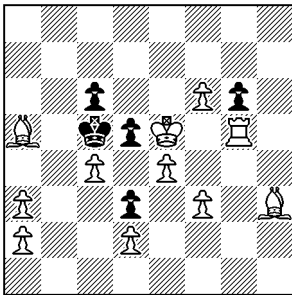W2 moves by the same piece with anti-triple

‡3   (10+8) C+

B34

‡3 (9+7) C+

1.Bd7! [2.Rb3+ a×b3 3.Sd3‡]
1…R×c5 2.Qg5 [3.Qd2‡] R×g5/Rd5 3.c5/c×d5‡
1…B×c5 2.Qd6 [3.Qd2‡] B×d6/Rd5 3.c5/c×d5‡
1…Q×c5 2.Qb6+ Q×b6/Qb5 3.c5/c×b5‡

B35

‡3 (11+5) C+

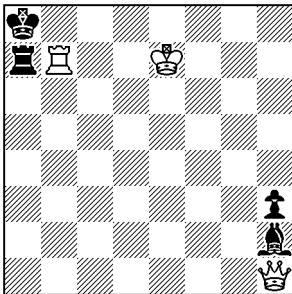**1.a4!** [-]
1…d×c4 2.Ke6+ Kd4 3.Bc3‡
1…d×e4 2.K×e4+ Kd6/K×c4 3.c5/Be6‡
1…d4 2.Kf4+ Kd6/K×c4 3.c5/Be6‡
1…K×c4 2.Rg1 [3.Rc1‡]

B36

‡3 (3+4) C+

1.Kd8! [2.R~b+ Rb7 3.Q×b7‡ and 2.Rc7+ Rb7/Kb8 3.Q×b7/Rc8‡]
1…Ra1 2.Rb1+ Ka7 3.Qb7‡
1…Ra2 2.Rb2+ Ka7 3.Qb7‡
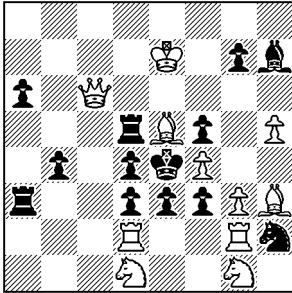1…Ra3 2.Rb3+ Ka7 3.Qb7‡
1…Ra4 2.Rb4+ Ka7 3.Qb7‡
1…Ra5 2.Rb5+ Ka7 3.Qb7‡
1…Ra6 2.Rb6+ Ka7 3.Qb7‡
1…R×b7 2.Kc8 [3.Q×b7‡]
1…Bc7+ 2.R×c7+ Rb7/Kb8 3.Q×b7/Rc8‡

Pseudo-Karlström-Fleck in miniature

B37

1.B×g7! [2.Qe6+ Re5 3.Q×e5‡]
1…Raa5 2.R×d3 [3.R×d4‡] K×d3 3.Qc2‡
1…Bg8 2.B×f5+ K×f5 3.Qg6‡
1…Sg4 2.S×f3 [3.Sg5‡] K×f3 3.Q×d5‡

Three different systems of thematic moves in three variations:
1) B1+W2 moves with similar pieces ♗♗, ♖♖, ♞♘ in the
same direction, White captures a black pawn.
2) W2+B2 moves to the same squares, active white sacrifices.
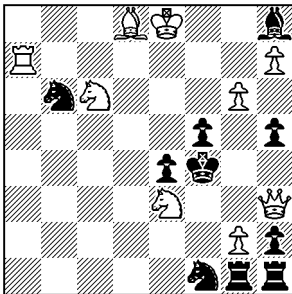3) B2+W3 moves by the same piece (♛ and ♕)

‡3   (11+13) C+

B38
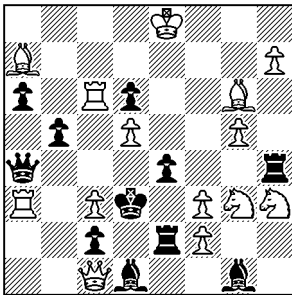
1.f×e4! [2.e5+ Qe4/Ree4/Rhe4 3.c4/Qe3/Sf4‡]
1…Q×e4+ 2.Kd8 [3.c4‡] b4 3.c×b4‡
1…Re×e4+ 2.Kf8 [3.Qe3‡] Qd4/Rhf4+/B×f2 3.c×d4/S×f4/S×f2‡
1…Rh×e4+ 2.Kd7 [3.Sf4‡] R×f2 3.Qe3‡

3fache Schachprovokation, 3 schwarze Selbstfesselungen auf
demselben Feld, 3 Ausweichzüge des ♔ mit Trialvermeidung,
3facher Fortsetzungswechsel auf die schwarzen Themazüge
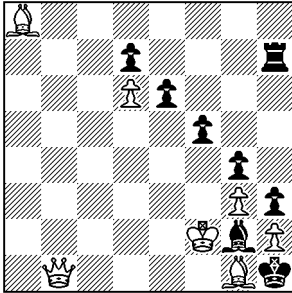zwischen Drohung und Lösung.

‡3   (14+11) C+

B39

1…S×e3 2.Qh4+ Sg4 3.Bg5‡

1.Bh4! [-]
1…Ba1 2.R×a1 Sf~/Sb~/R×g2 3.Q(×)g3/S(×)d5/S×g2‡
1…Bg7 2.R×g7 Sf~/Sb~/R×g2 3.Q(×)g3/S(×)d5/S×g2‡
1…Bb2 2.Ra2 B~/Sf~/Sb~/R×g2 3.Rf2/Q(×)g3/S(×)d5/S×g2‡
1…Bc3 2.Ra3 B~/Sf~/Sb~/R×g2 3.Q×f5/Q(×)g3/S(×)d5/S×g2‡
1…Bd4 2.Ra4 B~/Sf~/Sb~/R×g2 3.Qf3/Q(×)g3/S(×)d5/S×g2‡
1…Be5 2.Ra5 B~/Sf~/Sb~/R×g2 3.R×f5/Q(×)g3/S(×)d5/S×g2‡
1…Bf6 2.Rf7 B~/Sf~/Sb~/R×g2 3.R×f5/Q(×)g3/S(×)d5/S×g2‡

‡3   (9+10) C+

All variations with Zugzwang

B40

‡3   (7+8) C+

1.Qb7! [2.Q×g2+ h×g2 3.B×g2‡]
1…Bf3 2.Q×f3+ g×f3 3.B×f3‡
1…Be4 2.Q×e4+ f×e4 3.B×e4‡
1…Bd5 2.Q×d5+ e×d5 3.B×d5‡
1…Bc6 2.Q×c6+ d×c6 3.B×c6‡

Four black defences by the same piece at B1
Four captures by the black pawns at B2 following a geometric pattern
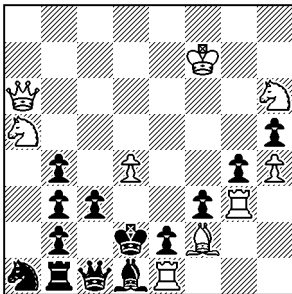Four white continuations by the same piece at W2
Four white mates by the same piece at W3

B41
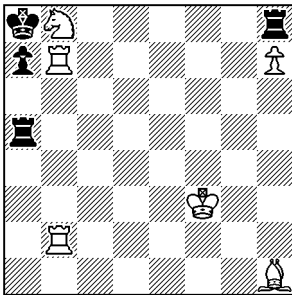
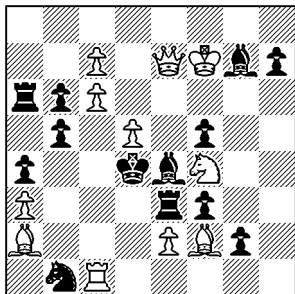‡3   (6+4) C+

1.Kg4! [2.R7b5‡]
1…Ra1 2.Rb1 [3.R7~‡] R×b1/R×h7/R×b8 3.R×b1/R×h7/R×b8‡
1…Rg8+ 2.Rg7+ Rd5 3.B×d5‡
1…R×h7 2.R×h7+ Rd5 3.B×d5‡
1…Rd5 2.B×d5 [3.R7~‡] R×b8 3.R×b8‡
1…Rg5+ 2.K×g5 [3.R7~‡] R×h7/R×b8 3.R×h7/R×b8‡
1…Rh5 2.K×h5 [3.R7~‡] R×h7+/R×b8 3.R×h7/R×b8‡
(1…a6 2.Rc7+,Rd7+,Re7+,Rf7+,Rg7+ Rd5 3.B×d5‡)

B42

‡3   (9+13) C+

1.Qb5? [-]
1…Kc2 2.Qf5+ Kd2 3.Sc4‡
1…Qc2 2.Qg5+ Kd3 3.Qe3‡
but 1…c2!

1.d5? [-]
but 1…Qc2!

1.Qe6? [2.Qe4 [3.Sc4‡] Qc2,c2 3.Qe3‡]
1…Kd3 2.Qf5+,Qg6+ Kd2 3.Sc4‡
but 1…Sc2!

1.Sg8! [-]
1…Kc2 2.Qg6+ Kd2 3.Sc4‡
1…Qc2 2.Qh6+ Kd3 3.Qe3‡
1…Bc2 2.Q×e2+ f×e2 3.Sc4‡
1…c2 2.Sf6 [3.Se4‡]

B43

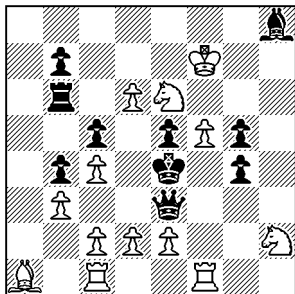‡3   (11+13) C+

1.Ke6! [2.Q×g7,Qb4‡]
1…B×d5+ 2.K×f5 [3.B×e3,Q×e3,Q×g7‡] Be4+/Be6+/Be5
3.Q×e4/S×e6/Q×e5‡
1…Bd3+ 2.Kd6 [3.B×e3,Q×e3‡] Be5+/Be4 3.Q×e5/Se6,Q×g7‡
1…Bc2+ 2.Kd7 [3.Q×e3‡] Be4/Be5,Kc3 3.Q×g7/Qb4‡

Three discovered checks by the ♗ at B1
are matched by three different ♔ moves (W2)

B44

‡3   (13+10) C+

1.Rce1! [2.d3+ Q×d3 3.e×d3‡]
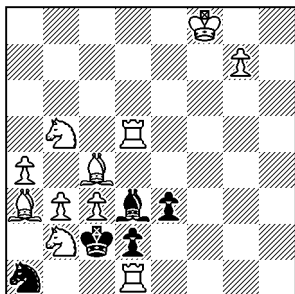1…Qc3 2.S×g5+ (S×c5+?) Kd4 3.e3‡
1…Qf4 2.S×c5+ (S×g5+?) K×f5 3.e4‡
1…Qf3 2.e×f3+ K×f5 3.f×g4‡
1…Qf2 2.R×f2 [3.S×c5,S×g5‡]
1…Q×d2 2.S×c5+ Ke3 3.S×g4‡

A fourfold setting of the theme, which combines Rudenko,
Albino, black anticipatory self-pins and pin-mates

B45

‡3   (11+5) C+

1.Rc5! [2.B×d3+ K×b3 3.g8=Q‡]
1…Be4 2.Bd5 [3.Sd4‡] S×b3 3.B×e4‡
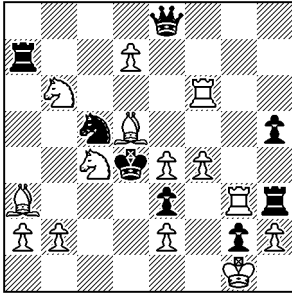1…Bf5 2.Be6 [3.Sd4‡] S×b3 3.B×f5‡
1…Bg6 2.Bf7 [3.Sd4‡] S×b3 3.B×g6‡
1…Bh7 2.Bg8 [3.Sd4‡] S×b3 3.B×h7‡
1…B×c4 2.Sd4+ K×c3 3.R×c4‡
1…Be2,Bf1 2.Bd3+ B×d3/K×b3 3.Sd4/g8=Q‡

Fourfold secondary grab
Urania in the variations

B46

1.**Bb4!** [2.Bc3‡]
1…Sa6 2.Sa5 [3.Sb3,Sc6‡]
1…Se6 2.Se5 [3.Sc6,Sf3‡]
1…Sd3 2.Sd2 [3.Sf3,Sb3‡ e×d2 3.e3‡]
1…S×d7 2.Sd6 [3.Sb5,Sf5‡]
1…S×e4 2.S×e3 [3.Sf5,Sc2‡]
1…Sa4 2.Sa3 [3.Sc2,Sb5‡]
1…Sb3 2.Rc6 [3.Bc3‡]
1…Sb7 2.d×e8=Q [3.Qe5‡]
1…Ra3 2.S×a3 [3.Sc2,Sb5,Bc3‡]

‡3   (14+8) C+

Sechs Themenvarianten mit dem Magnet-Thema, welche auch
zwei in sich geschlossene Drohzyklen enthalten.
Das übergeordnete Thema des schwarzen Springerrades im
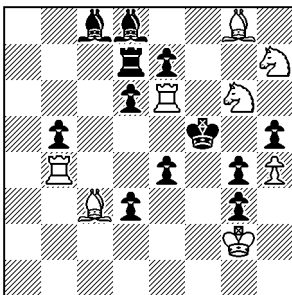1.Zug wird durch die Varianten 1…Sb7 sowie 1…Sb3
komplementiert.

B47
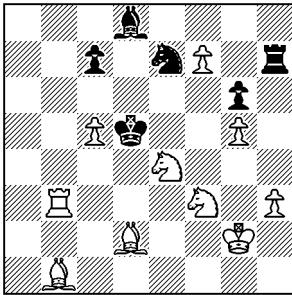
1.**Ba2!** [2.Rb4+ Kc6 3.Se5‡]
1…Kc4 2.Ra3+ Kb5 3.Sd4‡
1…Ke6 2.Rb6+ Kd7/Kf5 3.Be6/Sg3‡
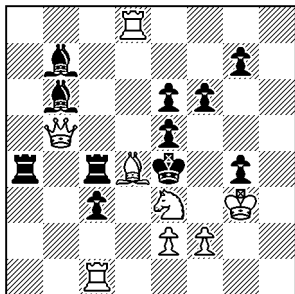1…Kc6 2.Rb8 [3.Se5‡]
1…K×e4 2.Re3+ Kf5,Kf4 3.Re5‡

Formation of batteries (2x)
For White: 4 direct, 3 indirect batteries
For Black: extended ("curved") king's star (5[6]x)
In addition, flight-giving sacrificial key

‡3   (10+6) C+

B48

1.Rb×e4? [2.Rf4‡]
but 1…Bb7!

1.Rb1? [2.Rf1‡]
but 1…Bb6!

1.Bf7? [2.R×b5+ d5 3.Re5‡]
but 1…Ba6!

1.**Shf8!** [2.Rf6+ e×f6 3.Be6‡]
1…Rb7 2.Rb×e4 [3.Rf4‡]
1…Rc7 2.Rb1 [3.Rf1‡]
1…Ra7 2.R×b5+ d5 3.R×d5‡

‡3   (8+12) C+

B49

1.Rd1! [2.f3+ g×f3 3.e×f3‡]
1…R×d4 2.Qd3+ R×d3 3.e×d3‡
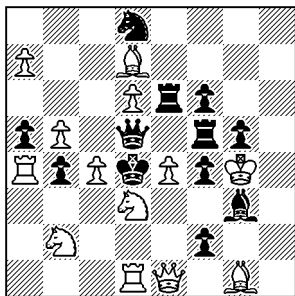1…B×d4 2.Q×b7+ Rc6 3.Q×c6‡
1…e×d4 2.Qf5+ e×f5 3.Re8‡

Captures on the same square at B1
Opening of lines of the same white piece at B1
White moves by the same piece at W2
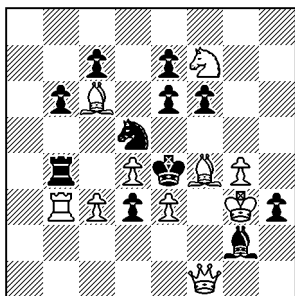
‡3   (8+11) C+

B50

1.Be8! [2.Sg5+ f×g5 3.Bg6‡]
1…S×c3 2.Bc6+ Sd5 3.Q×d3‡
1…S×e3 2.Bc6+ Sd5 3.Qe1‡
1…S×f4 2.Bc6+ Sd5/K×e3 3.Qf4/Qf2‡

B2 moves: three ♞ switchbacks after different captures
W3 mates: all by the ♕

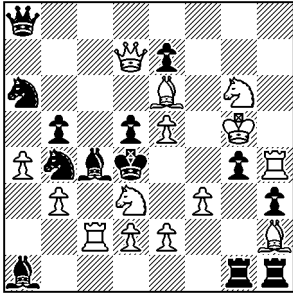‡3   (10+11) C+

B51

1.a8=S! [2.Se5+ Kc5,K×e5 3.R×d5‡]
1…Q~ 2.S×f4+ (Sc1+?) Kc5/Ke5 3.Qe3/Sg6‡
1…Q×e4! 2.Sc1+ (S×f2+?,S×b4+?) Kc5,Qd3/Ke5 3.Sb3/Rd5‡
1…Q×c4! 2.S×b4+ Kc5/Ke5/Qd3 3.Sa6/S×c4/S4×d3‡
1…Q×d6! 2.S×f2+ (Sc1+?,S×f4+?) Kc5/Ke5 3.Sfd3/e×f5‡
1…R×d6 2.S×f2+ Kc5/Ke5 3.Sfd3/e×d5‡

Black correction
White Siers battery
Zagoruiko 5x2 (plus other changed mates and one transferred)
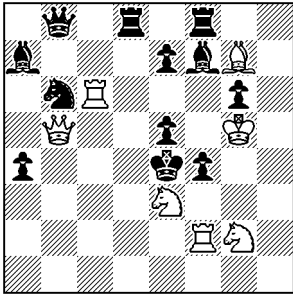Reciprocal dual avoidance after 1…Q×e4 and 1….Q×d6

‡3   (13+12) C+

B52

‡3   14+13) C+

1…S×d3 2.e3+ Kc5 3.Q×b5‡
1…Qg8 2.Qa7+ Sc5 3.Q×c5‡
1…Bc3 2.d×c3+ Ke3 3.Bf4‡

1.S×e7? [2.Sf5‡]
1…Qd8 2.Qa7+ Sc5/Qb6 3.Q×c5/Sf5‡
1…Qf8 2.Qa7+ Sc5 3.Q×c5‡
but 1…Qg8+!

1.Bf4? [2.Be3‡]   1.Bf5? [2.e3‡]
but 1…S×c2!   but 1…S×c2!

1.B×d5! [2.B×c4+,Be4+ Sd5,Qd5,Bd5 3.e3‡]
1…S×d5 2.Bf4 [3.Be3‡] g×f3+ 3.Bg3‡
1…Q×d5 2.Sgf4 [3.Se6,e3‡] g×f3+ 3.Sg2‡
1…B×d5 2.Sdf4 [3.Se6,e3‡] g×f3+ 3.Sg2‡
1…S×d3 2.e3+ Kc5 3.Q×b5‡

Battery cross-check pin-mates
Triple change of function of the
move Bf4

Black self-pins on d5 by capturing the sacrificed ♗
Creation of masked battery on f4 at W2 moves
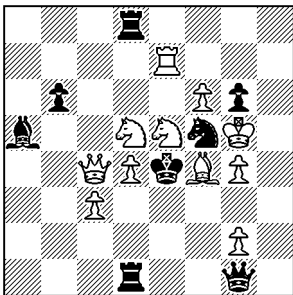with unpin of the ♟ g4

B53

‡3   (7+12) C+

1.Sd5! [2.Sc3+ Kd4 3.Rd2,R×f4‡]
1…S×d5 2.Qc4+ (Qb1+?,Qe2+?) Bd4 3.Qc2‡
1…B×d5 2.Qb1+ (Qe2+?,R×f4+?) Kd4 3.Rd2‡
1…R×d5 2.Qe2+ (R×f4+?,Qb1+?) Kd4 3.R×f4‡
1…Sc4 2.Q×c4+ Bd4 3.Sc3‡

Captures on d5 at B1 by three black pieces are matched by
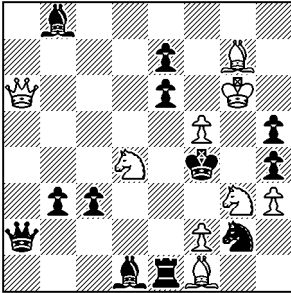three ♕ moves with double dual avoidance (W2)

B54

‡3   (11+8) C+

1.Sc7! [2.Qc6+ Rd5 3.Q×d5‡]
1…Q×d4 2.Sd3+ S×e7 3.Sf2‡
1…R1×d4 2.Sf3+ S×e7 3.Sd2‡
1…R8×d4 2.Sf7+ S×e7 3.Sd6‡
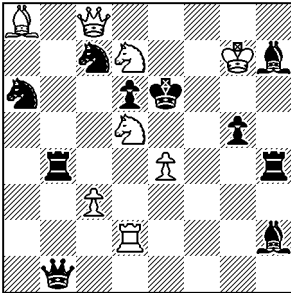1…S×e7 2.Qe2+ Qe3 3.Q×e3‡
1…Rd6 2.Sf7+ S×e7/Re6 3.S×d6/R×e6‡

Nietvelt and battery play

B55

‡3 (9+12) C+

1.Qd3! [2.Bh6+ Ke5 3.Sc6‡]
1…Qa4 2.Sge2+ B×e2/R×e2 3.S×e6/Qf3‡
1…Qa6 2.Sde2+ B×e2/R×e2 3.Qe4/S×h5‡
1…Qa8 2.Be2 [3.S×e6,S×h5‡]

Black defences by the same piece at B1
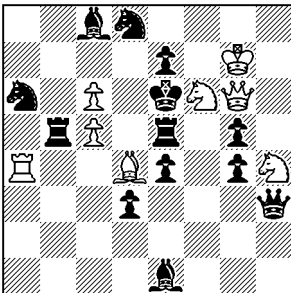White moves on the same square at W2

B56

‡3 (8+10) C+

1…Q×e4,Rb×e4,Rh×e4,B×e4 2.Sb8+ Ke5 3.Sc6‡

1.Re2! [2.Sb8+ Ke5 3.Sc6‡]
1…Q×e4 2.Sc5+ Ke5 3.Sd3‡
1…Rb×e4,Rc4,Rb6 2.S7(×)b6+ Ke5 3.S(×)c4‡
1…Rh×e4 2.S7f6+ Ke5 3.Sg4‡
1…B×e4 2.Sf8+ Ke5 3.Sg6‡
1…Sc5 2.S×c7+ Ke7 3.Qe8‡
1…S×d5 2.Qe8+ Se7 3.Bd5‡

4-variations complex with „reversed" Dombrovskis (set mates
transformed to threat mates)
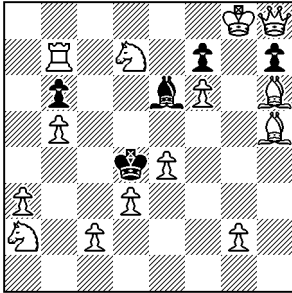Fourfold change of error motifs (block - pin)
Thematic moves are B1, W2 and W3

B57

‡3 (8+13) C+

1.Kf8! [2.Qg8+ K×f6/Sf7 3.Qg6/Q×f7‡]
1…Rb×c5 2.Sd7+ Kd5 3.Sb6‡
1…Re×c5 2.Sg8+ Kd5 3.S×e7‡
1…S×c5 2.Se8+ Kd5 3.Sc7‡
1…Q×h4 2.S×g4+ Kd5 3.Se3‡
1…B×h4 2.S×e4+ Kd5 3.Sc3‡
1…g×h4 2.Sh5+ Kd5 3.Sf4‡

Six thematic variations, two "same-square mechanisms" (on c5
and h4) are combined with W2 and W3 moves by the ♘
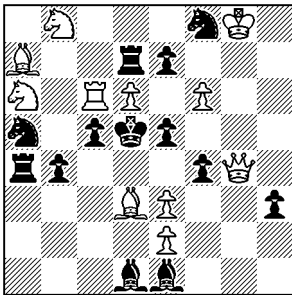(18 thematic moves)

B58

1.B×f7! [-]
1…Bd5 2.Be6 [3.f7‡]
1…Bc4! 2.Bd5 [3.f7‡] (2.Be6? B×d3!)
1…Bb3! 2.Bc4 [3.c3,f7‡] (2.Bf~? B×c2!)
1…B×a2! 2.Bb3 Kc3 3.f7‡
1…B×f7+ 2.Kf8 B~ 3.f7‡
1…B×d7 2.R×d7+ Kc5,Ke5 3.Rd5‡
1…B~ 2.Be6 [3.f7‡]

Fourfold Loshinsky with three black corrections

‡3   (14+5) C+

B59

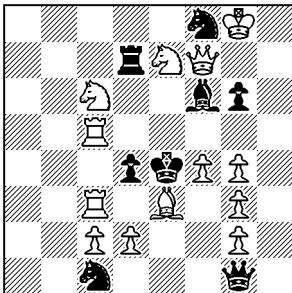**1.Qf5!** [2.R×c5+ K×d6 3.Q×e5‡]
1…Bb3 2.Be4+ Kc4 3.R×c5‡
1…Bc3 2.e4+ Kd4 3.B×c5‡
1…e×f6 2.Qe4+ Ke6 3.S×c5‡
1…S×c6 2.Bc4+ K×d6/K×c4 3.B×c5/Qd3‡
1…Sb3,Sb7 2.Bc4+ K×c4 3.Qd3‡
1…e×d6 2.Q×d7 [3.Sc7,R×c5,R×d6,Q×d6‡]

B1 - distant self-block
W2 - move to the same square (e4)
B2 - move by the ♚
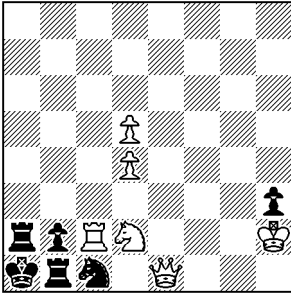W3 - move to the same square (c5)

‡3   (11+13) C+

B60

1.B×d4! [2.d3+ S×d3 3.c×d3‡]
1…Q×d4 2.R5c4 [3.Re3‡] Sd3 3.c×d3‡
1…R×d4 2.R3c4 [3.Qd5‡] Se6 3.Q×g6‡
1…B×d4 2.Qc4 [3.Re5‡] Sd3/R×e7,Rd5 3.Q×d3,c×d3/Q(×)d5‡

B1 defences to the same square
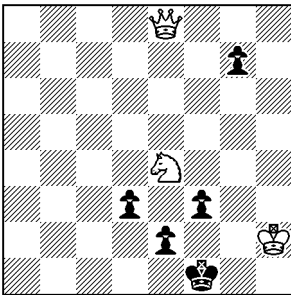W2 moves to the same square (pinning a black piece)

‡3   (13+8) C+

B61

‡3   (6+6) C+

1.Qe4! [2.Rc3,Rc4,Rc5,Rc6,Rc7,Rc8 [3.Q×b1‡] Sd3 3.Sb3‡]
1…Ra3 2.Rc3 [3.Q×b1‡] Sd3 3.R×a3‡
1…Ra4 2.Rc4 [3.Q×b1‡] Sd3,Ka2 3.R×a4‡
1…Ra5 2.Rc5 [3.Q×b1‡] Sd3,Ka2 3.R×a5‡
1…Ra6 2.Rc6 [3.Q×b1‡] Sd3,Ka2 3.R×a6‡
1…Ra7 2.Rc7 [3.Q×b1‡] Sd3,Ka2 3.R×a7‡
1…Ra8 2.Rc8 [3.Q×b1‡] Sd3,Ka2 3.R×a8‡

6-fold grab

B62

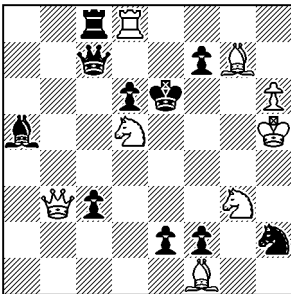‡3   (3+5) C+

1.Qf7? [2.Q×f3+ Ke1 3.Qh1‡]
1…e1=S 2.Sg3+ Kf2 3.Qa7‡
but 1…Ke1!

1.Qh5! [2.Q×f3+ Ke1 3.Qh1‡]
1…Ke1 2.Qg5 [3.Qc1,Qg1‡] Kd1 3.Qd2‡
1…e1=S 2.Sg3+ Kf2 3.Qc5‡
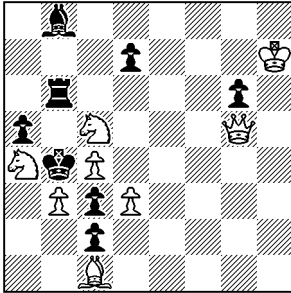1…f2 2.Qc5 [3.Q×f2‡] Ke1/e1=Q 3.Qc1/Sg3‡

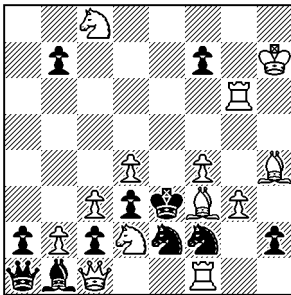Multiple effects of the ♕: key, second moves and mates

B63

‡3   (8+10) C+

1.Qb5! [2.Sf4+ Ke7 3.Qe8‡]
1…Qc6 2.Q×e2+ K×d5 3.Qe5‡
1…Qc5 2.Qe8+ K×d5 3.Qe4‡
1…Qc4 2.Qd7+ K×d5 3.Q×d6‡
1…Qd7 2.Sf4+ Ke7 3.Q×d7‡
1…Q×d8,R×d8 2.Sf4+ Ke7 3.Sf5‡

B64

‡3   (8+8) C+

1.Qe7! [2.Sa6+ K×b3 3.Qa3‡]
1…Rd6 2.Qe5 [3.Q×c3‡] R×d3,Rd4 3.Q×b8‡
1…Bd6 2.Qf6 [3.Q×c3‡] Be5 3.Q×b6‡
1…d6 2.Qg7 [3.Q×c3‡] Rb7 3.Q×b7‡

B65

‡3   (13+11) C+

1.Sb6? **A** [2.Sbc4,Sd5‡]
but 1…S×c3! **a**

1.Se7? **B** [2.Sd5,Sf5‡]
but 1…S×c1! **b**

1.Sd6? **C** [2.Sf5,S6c4‡]
but 1…S×g3! **c**

1.Rg8! [2.Re8+ Se4 3.Sc4,R×e4‡]
1…S×c3 **a** 2.Sd6 **C** (Se7? **B**) [3.Sf5‡] K×d4 3.Sb3‡
1…S×c1 **b** 2.Sb6 **A** (Sd6? **C**) [3.Sbc4‡] K×d2 3.Sc4‡
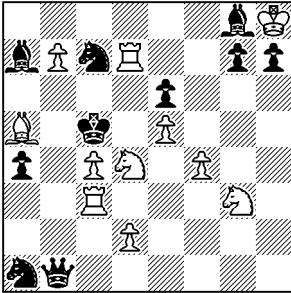1…S×g3 **c** 2.Se7 **B** (Sb6? **A**) [3.Sd5‡] K×f4 3.Bg5‡

Cyclic Banny with dual avoidance
after giving flight to the ♚ ("Dresdener" theme)
Cycle of double mates in thematic tries
Duel of knights

B66
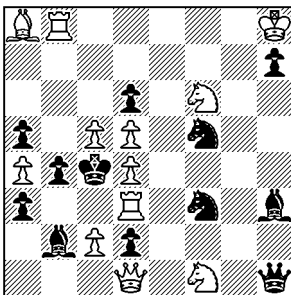
‡3   (12+12) C+

1.Qb1! [2.Qa2+ b3 3.Q×b3‡]
1…B×d4 2.Qb3+ K×c5 3.Rb5‡ (Sd7?,Se4?)
1…S3×d4 2.S×d2+ K×c5 3.Sd7‡ (Se4?,Rb5?)
1…S5×d4 2.Se3+ K×c5 3.Se4‡ (Rb5?,Sd7?)

B1 moves are captures of the same piece
W3 mates appear in anti-triple

B67

1.Rd6! [2.Sc2 [3.Se4,d4‡]]
1…Q×b7 2.Sc6 [3.Se4,d4‡]
1…Qe1 2.Sde2 [3.Se4,d4‡]
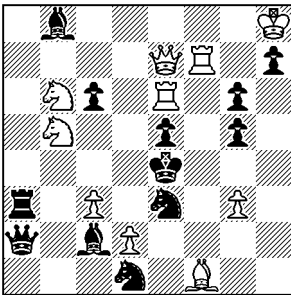1…Qh1 2.Sf3 [3.Se4,d4‡]
1…Qg6,Qf5 2.Sd(×)f5 [3.Se4,d4‡]
Moves by the same piece

1…Qd3 2.R×d3 [3.Rc6‡] K×c4 3.Rc3‡
1…Se8 2.S×e6+ B×e6 3.d4‡
1…Sd5 2.c×d5+ K×d4 3.d×e6‡
1…Sb3 2.S×b3+ a×b3/Q×b3 3.d4/Se4,d4‡

‡3   (11+10) C+

B68

1.Be2! [2.d3+ B×d3 3.Bf3‡]
1…Se~ 2.Qb4+ Qc4 3.Q×c4‡
1…Sf5! 2.Q×g5 [3.Qg4,Qf4‡] Q×e6/Sf2 3.Qg4/Qf4‡
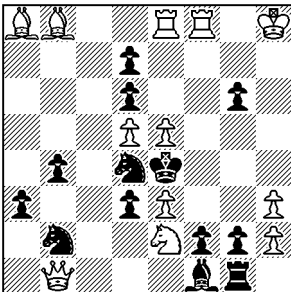1…Sd5!! 2.Qd6 [3.R×e5‡] B×d6 3.S×d6‡ (2.Qb4+?,Q×g5?)
1…Sc4!!! 2.Qc5 [3.Qd4,Q×c6‡] Sa5 3.Qd4‡
(2.Qb4+?,Q×g5?,Qd6?)

Quaternary black correction
Four thematic variations: B1 moves by the same ♞
Four W2 moves (and three mates) by the ♕

‡3   (10+12) C+

B69

1.Ba7! [2.B×d4 [3.Rf4,e×d6,Sg3‡]]
1…Sc6 2.Rf4+ K×d5 3.Rd4‡
1…Sf5 2.e×d6+ Kf3/Se7 3.Sd4/R×e7‡
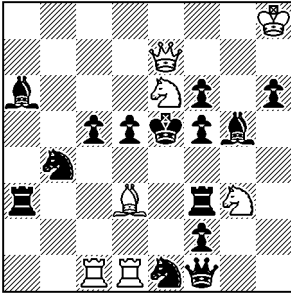1…Se6 2.Sg3+ K×e5 3.Bd4‡
1…K×e3 2.e×d6+ Kd2 3.Qc1‡

B1 moves by the same piece, white piece interference
B2 moves by the ♚
W3 mates on the same square, Umnov, pin-mates
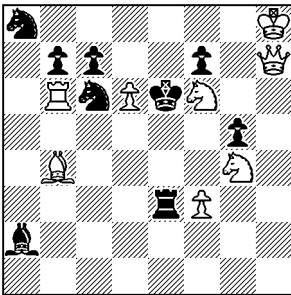Additional: Rudenko

‡3   (12+13) C+

B70

‡3   (7+14) C+

1.Sh5! [2.Qc7+ K×e6 3.Sg7‡]
1…Q×d3 2.Sef4+ Kd4 3.Se2‡
1…B×d3 2.Sc7+ Kd4 3.Sb5‡
1…Ra×d3 2.S×c5+ Kd4 3.Sb3‡
1…Rf×d3 2.Seg7+ Kd4 3.S×f5‡
1…Sb×d3 2.Sd8+ Kd4 3.Sc6‡
1…Se×d3 2.S×g5+ Kd4 3.S×f3‡
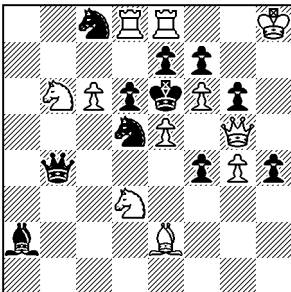
6x Siers bei 6 Verteidigungen auf demselben Feld,
davon 3x Fesselnutzung und 3x Weglenkung
(Themadopplung)

B71

‡3   (8+9) C+

1.Kg8! [2.Q×f7+ Kf5 3.Sd5‡]
1…Sd8 2.d×c7+ S×b6/Sc6 3.c×d8=S/c8=Q‡
1…Se5 2.d7+ Sc6,S×b6,c×b6,c6 3.d8=S‡
1…Se7+ 2.d×e7+ S×b6,c×b6,c6 3.e8=Q‡
1…R×f3 2.Qe4+ Se5 3.Q×e5‡

Three ♞ defences answered by three ♙ moves with check,
followed by promotions

B72

‡3   (11+11) C+

1.Bf3! [2.Sd7 [3.Sf8‡]]
1…Q×b6 2.R×e7+ (S×f4+?,R×d6+?) Sd×e7/Sc×e7 3.S×f4/R×d6‡
1…Sc×b6 2.S×f4+ (R×d6+?,R×e7+?) Q×f4/S×f4 3.R×d6/R×e7‡
1…Sd×b6 2.R×d6+ (R×e7+?,S×f4+?) S×d6/Q×d6 3.R×e7/S×f4‡
1…Qe4 2.R×d6+ S×d6 3.Sc5‡
(1…Sc3,Se3,Sc7 2.R×d6+ S×d6/Q×d6 3.R×e7/S×f4‡)

For White: cyclic play
For Black: moves to the same square
Jacobs, Keller-2 paradox