

SECTION D: ENDGAME STUDIES

D01: Multiple duals in moves 4 and 5

4.f5 =
5.Kc4 =

D02: Minor dual in move 13:

13.Qd7+ Kg6 14.Qxd5 win

D03: Minor dual in move 7:

7.Qh8+ Kg4 8.Qc8+ Kg5 9.Qe6 Bb6 10.Qe5+ Kg6 11.Qg3+ Kh7 12.Qg1 Bd8 13.Kb3 win

D10: Compare to D10a.

D11: Multiple duals in moves 4 and 8:

4.Qg6+! Kxb3 5.g4 b5 6.g5 Rg4 7.Qd3 R×g5 8.c4+ Ka4 9.Qd1+ Kb4 10.Qd2+ Kc5 11.Q×g5 win
4.Qe6! Re4 (4...Kxb3 5.Qxd5+ Kxc3 6.Qxd6 Rh7+ 7.Kc6 win) (4...Rh7+ 5.Ka6 Kb2 6.Qxd5 Nb1 7.c4 Nc3 8.Qg8 Rh1 9.g4 win) 5.Qxd5 Re7+ 6. Kxb6 win
4.Qe2+ or 4.Qg6+ or 4.Qf7
and
8.Qb8 Ra5 9.g6 d4 10.Qd8 Rc5+ 11.Kb7 Rh5 12.g7 Rh7 13.Qg8 R×g7+ 14.Q×g7 b5 15.Kc6 b4 16.Kd5!
win
8.g6 d4 9.g7 d3 10.Qh8 R×g7 11.Qxg7+ win

D13: The thematic try 1.Rf4+ given by the author is actually a cook:

1.Rf4+ Kg6 {and now not 2.Rf6 as given by the author, but} 2.Rg4+! {for example} 2...Kh5
{(or} 2...Kf5 3.Rf4+! Ke6 4.Re4+ Kd6 5.Re1! Nc1 6.Kc8! b1=Q 7.Bc7+ Kc5 8. Rxc1+ Qxc1 9.Nd3+ =)
3. Nd5! K×g4 (3...b1=Q?? 4.Nf6+ Kh6 5.Be3#) (3...Nc2? 4.Nf6+ Kh6 5.Bc7! {with 6.Bf4†}) (3...Nd4
4.Rg1 Nac2 5.Rb1 win)
4.Nc3! {with draw}}

D14: Compare to D14a/D22a/D64a. Duals: 9. Rh1+,Rh4.

D16: Duals 7.Qe8+ and 8.Qa7+ Kb3 9.Qb6+ Kc2 10.Qc6 or 8...Kb4 9.Qb6+ Bb5 10.Qxd6+ Ka4 11.Kc3.

D18: Dual in move 15.Kc3! which is not a loss of time, because in solution after 16...Nd6 17.Rxd6 Rh8 White wins in 17 moves, while after 15.Kc3! Rh2 16.Rd7 Rh3+ 17.Kc4 Rh4+ 18.Kd5 Rb4 19.Nd4+ Kf4 20.Rxb7 Rb1 White wins in 14 moves, which is exactly the same number of moves.

D21: Duals in the thematic tries: 7...Kf5!, 8...Kg5!, 9...Kh5!, 12...Ke3!

D22: Compare to D14a/D22a/D64a.

D24: Duals 6.c4 or 6.Kc6.

D25: Compare to D25a, D25b and D25c.

D28: Compare to D28a. The theme is shown after the waste-of-time dual 7...Be5 8.Nc3! (8.Nd4?) 8.Bxc3 e7; 7...Bxe2 8.e7 = solution one move shorter.

D34: Compare to D34a, D34b and D34c. Duals: 11.Qc7...

D40: Dual 7.Ke5 Nf7+ 8.Ke6 Nd8+ 9.Kd7...

D44: Dual refutations of the thematic tries: 6.Nd7? e5 7.fxe5 fxe5 or 7...Ne6; and 8.Ne6? Ne4 or 8...Nb3.

D45: Dual 15.Re8+ Qge3 16.Rxe3+ Qxe3 17.Qxe3+

D47: Compare to D47a.

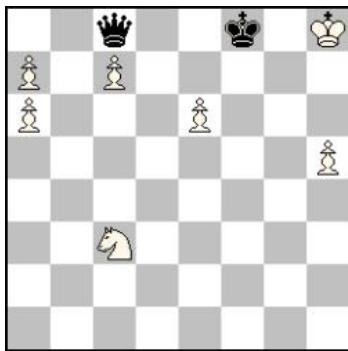
D50: Dual after 7...Kd5 8.Ne3+... 10.Qh5+! - Dual in the thematic try: 8...Ke7! - Dual: 13.Ra2! Rxa2 14.h8=Q bxc4 15.bxc4

D62: Dual 2.Nf8+ Kf7 (2...Kd6 3.Nxh7 e2 4.Rb1 d3 5.Nf6 Rb8 6.Ne8+ Rxe8 7.h7) (2...Ke5 3.Nxh7 e2 4.Ng5 e1=Q 5.Nf3+) 3.Rb7 e2 4.Rxc7+ Ke8 5.Rc8+ Kf7 6.Rc7+ Kf6 7.Nxh7+ Kg6 8.Re7 Kxh7 9.Rxe2

D64: Compare to D14a/D22a/D64a.

D72: Compare to D72a.

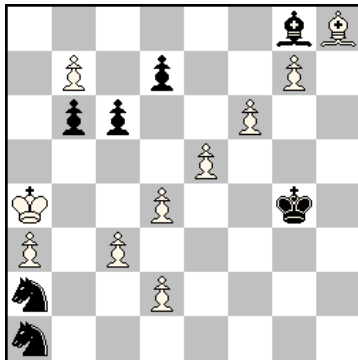
D10a
Ivan Bondar
E. Dvizov-60 JT, Zvyazda 1997
1.-3. Prize



+ (7+2)

1.Nd5! Qxa6 2.e7+ Kf7 3.e8=Q+ Kxe8 4.c8=Q+ Qxc8 5.a8=R!
[5.a8=Q? Kf7+ 6.Qxc8 stalemate] 5...Qxa8 6.Nc7+ Ke7+ 7.Nxa8 Kf6
8.Kh7! Kg5 9.h6 1-0

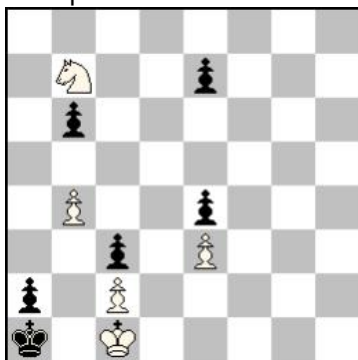
D14a/D22a/D64a
Reino Heiskanen
Problemblad 2005



+ (10+7)

1.f7! Bxf7 2.e6! Bxe6 3.d5! Bxd5 4.c4! Bxc4 5.g8=Q+ [5.g8=R+
<or>] 5...Bxg8 [5...Kh3 6.Qg3+! Kxg3 7.b8=Q+ Kg2 8.Qxb6 Bb3+
9.Ka5] 6.Bxa1 Bh7 7.Kb3! Bg8+ [<eg>] 8.Kc2 Be6 9.Be5 Bf5+ 10.d3
b5 11.b8=Q Be6 12.Qf8 Kh5 13.Qf3+ 1-0

D25a
Mikhail Zinar
N. Rezvov-95 MT
Problemist Ukraini 2017
Special Hon. Mention



+ (5+6)

1.b5! [1.Nc5? bxc5 2.b5 e5 3.b6 c4 4.b7; 1.Na5? bxa5 2.b5 e6! 3.b6
e5 4.b7 a4 5.Kd1 a3 6.b8=Q] 1...e6 [1...e5 <main> 2.Na5! bxa5 3.b6
a4 4.b7 a3 5.Kd1] 2.Nc5! bxc5 3.b6 e5 4.b7 c4 5.Kd1 1-0

D25b
Richard K. Guy
East African Standard 1939



+ (9+10)

1.Nd8? a3 2.Nxf7/Kd1 Rg8/Kb2 =

1.Nb8 Rxb8 2.cxb8=N (2.cxb8=Q? a3 3.Qc7) a3 3.Na6 bxa6 4.b7 a5
5.b8=N a4 6.Nc6 dxc6 7.d7 c5 8.d8=N c4 9.Ne6 fxe6 10.f7 e5
11.f8=N e4 12.Ng6 hxg6 13.h7 g5 14.h8=Q g4 15.Qxc3†

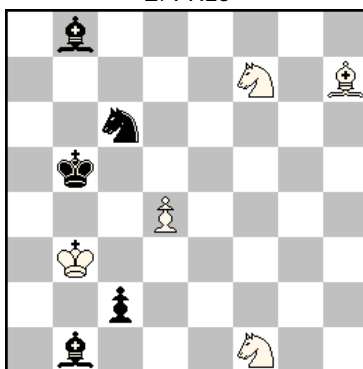
D25c
Mikhail Zinar
Shakhmatnaya Kompozitsiya 2011



+ (9+12)

1.axb8=N e3 2.Na6 bxa6 3.b7 a5 4.b8=N a4 5.Nc6 dxc6 6.d7 c5
7.d8=N c4 8.Ne6 fxe6 9.f7 e5 10.f8=N e4 11.Ng6 hxg6 12.h7,Bd4 g5
13.Bd4,h7 g4 14.h8=Q g3 15.Bxe3 g2 16.Qxc3 g1=Q+ 17.Bxg1 e3
18.Ke1 Kc1 19.Bxe3+ Kb1 20.Qd2 c3 21.Qd1†

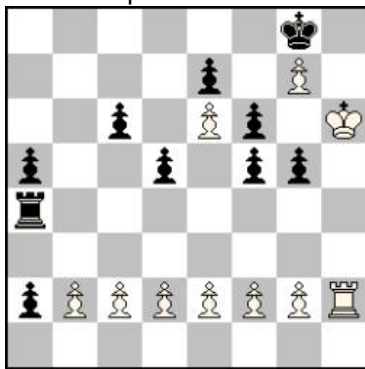
D28a
Andrzej Lewandowski
Tidskrift för Schack 1991
2. Prize



= (5+5)

1.Bd3+! [1.Bxc2? Nxd4+ 2.Kc3 Nxc2 3.Kb2 Na3 4.Kxa3 Bf4 5.Nd8
Bd3 6.Ne6 Bd6+] 1...Ka5 [1...Kb6 main 2.Bxc2 Nxd4+ 3.Kc3 Nxc2
4.Nd2! (4.Kb2? Na3 5.Kxa3 Bf4 6.Ne5 Bxe5 7.Nd2 Bd3 →) 4...Ba2
5.Nc4+ Kc7 6.Nfe5 Ne1 7.Kb2 Nd3+ 8.Kxa2=] 2.Bxc2 Nxd4+ 3.Kc3
Nxc2 4.Kb2! Na3 5.Kxa3 Bf4 6.Ne5! [6.Ne3? Bxe3] 6...Bxe5 7.Nd2
Bd3 [7...Bd6+ 8.Kb2 Bd3 9.Kc3] 8.Nc4+ Bxc4 stalemate

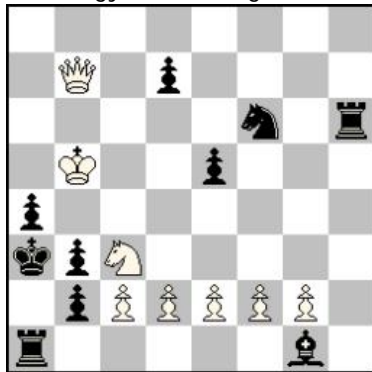
D34a
 Mikhail Zinar
 A. Selivanov-50 JT 2017
 Special Prize



+ (10+10)

1.b4 Rxb4 2.c4 Rxc4 3.d4 Rxd4 4.e4 Rxe4 5.f4 Rxf4 6.g4 R×g4 7.Kg6
 (7.Rb2? Rb4! 8.R×a2 Rh4+ 9.Kg6 Rh7) Rh4 8.Rb2 Rb4 9.R×a2 a4
 10.Rh2 Rh4 11.Rb2 Rh7 12.Rb8‡

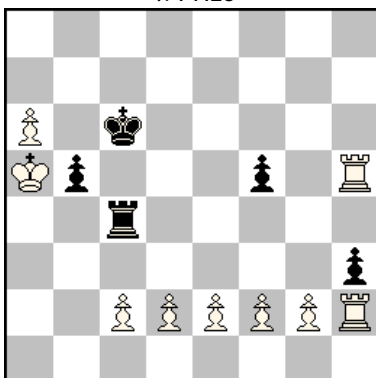
D34b
 Gyula Neukomm
 Magyar Sakkvilág 1935



= (8+10)

1.Nb1+ Rxb1 2.Qa6 Rh4 3.g4! R×g4 4.f4! Rxf4 5.e4! Rxe4 6.d4!
 Rxd4 7.c4 Rxc4 8.Qxa4+ Rxa4 stalemate

D34c
 Martin Minski
 Sinfonie Scacchistiche-50 2015-16
 4. Prize



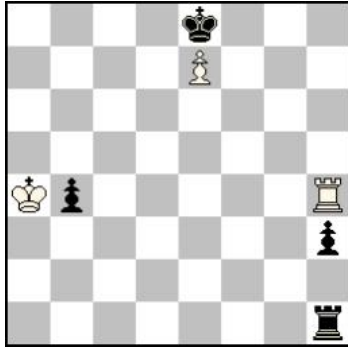
= (9+5)

b) + ♖a2

a) 1.Rh6+ Kc5 2.Rh4 R×h4 3.g4 R×g4 4.f4 Rxf4 5.e4 Rxe4 6.c4 Rxc4
 7.d4+ Kc6 8.d5+ Kc5 9.Ra2 h2 10.a7 h1=Q 11.a8=Q Qe1+ 12.Ka6 =

b) 1.Rh6+ Kc5 2.d4+ Rxd4 3.c4 Rxc4 4.Rh4 R×h4 5.g4 R×g4 6.f4
 Rxf4 7.e4 Rxe4 8.Rc2+ =

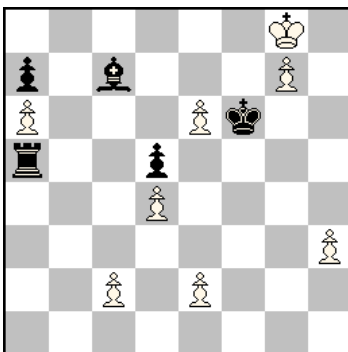
D47a
 David Gurgenidze
 Velimir Kalandadze
 Ruzvelt Martsvlashvili
 Joseph-100 MT
 STES Journal 1996
 2. Prize



= (3+4)

1.Rh7! [1.Rh8+? Kxe7 2.Kb3 (2.Kxb4 h2) 2...Kd6 3.Rh5 (3.Kxb4 h2 4.Kb3 Rb1+) 3...Ke6 4.Kb2 Kf6 5.Kb3 Kg6 6.Rh8 Kf5] 1...h2 [1...Kd7 2.Kb3] 2.Rh8+! Kxe7 3.Kb3 Rb1+ 4.Ka2 h1=Q 5.Re8+! [5.Rh7+? Kd6 (5...Qxh7?) 6.Rd7+ Kc5 7.Rc7+ Kb6] 5...Kd7 6.Re7+ Kd6 7.Re6+ Kd5 8.Re5+ Kd4 9.Re4+ Kd3 10.Rd4+! [10.Re3+? Kd2 11.Re2+ Kd1 12.Rd2+ Ke1 13.Re2+ Kf1 14.Rf2+ Kg1] 10...Ke3 11.Re4+ Kf3 12.Rf4+ [12.Re3+? Kf2 (12...Kf4? 13.Re4+) 13.Re2+ Kg1] 12...Kg3 13.Rg4+ Kh3 14.Rh4+ Kg2 [14...Kxh4] 15.Rg4+ 1/2

D72a
 Hans Wieckowiak
 M. Chigorin MT 1958-59
 5. Hon. Mention



= (8+5)

1.e7! Kxe7 2.Kh7 Ra3 3.c3! [3.e3? Rxe3 4.g8=Q Rxh3+ 5.Kg6 Rg3+ 6.Kf5 Rxe8 no stalemate] 3...Rxc3 4.e3! [4.g8=Q? Rxe3+ 5.Kg6 Rg3+ 6.Kf5 Rxe8 no stalemate] 4...Rxe3 5.g8=Q Rxe3+ 6.Kg6 Rg3+ 7.Kf5! Rxe8 stalemate