

## 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.

**Reply:** It is common in tactical studies of a certain length and complexity that the final point can be found elsewhere too (e.g., a well-known stalemate, fork, skewer, etc.). However, this affects originality only if the final point makes up a substantial part of the content of the study. Arguably, this is not the case for D10: the content consists primarily in the reciprocal rook sacrifices in solution and try after 3.Ng6 Qe8/Qd8, i.e., 4.Re1! (but not 4.Rc6+?) and 4.Rc6+! (but not 4.Rd1?). The rook promotion 7.g8=R! (instead of 7.g8=Q?), which prevents the black stalemate counterplay, occurs only in one of the two main lines. It is an additional thematic element and it makes the finish more pointed, but it is not the main idea of the study. Whereas in the comparison study, stalemate avoidance by rook promotion is clearly the main motif.

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!

**Reply:** The claim is unfounded; there are no duals on Black's side.

All 4 given positions only show a senseless waste of time by bK moves, which, in the end, has to return and capture the wR on the 6th row, e.g. 7.Re6+? Kf5 8.Rf8+ Kg5 9.Rg8+ Kh5 10.Rh8+ Kg5 11.Rg8+ Kf5 12.Rf8+ Kxe6. The king cannot hide on either the h-file (where he has to accept the exchange of rooks), or the b-file (where he gets under perpetual check). The required theme is fulfilled in all 4 mentioned positions; one sacrifice is a try, the other one is the solution.

D22: Compare to D14a/D22a/D64a.

**Reply:** The comparison study is not a direct anticipation. The common motif is the opening of the diagonal for the bishop (in the comparison study it is a move to capture a black knight: Bh8xa1 – it is finale), whereas in D22 the opening of the diagonal b1-h7 is used for transfer of the bishop: 10.Bb1 and 11.Bg6+ to prepare the mate 12.Nxg6. Opening of the diagonal thanks to formal sacrifices of several pawns is used in several studies, but motifs for it are quite different in D22.

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.

**Reply:** The strongest Black's move, forcing White's only response, cannot be considered as waste of time (in fact, this term can never be applied to black play in studies)

In the comparison study:

- The choice of sacrifice is different
- The play after the sacrifice is different
- Only one thematic sacrifice
- In D28 the theme appears several more times in the opening play and variations.

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

**Reply:** 13.Ra2? fails on account of 13...Rxa2 14.h8=Q bxc4 15.bxc4 g3 16.Qg7+ Kc6 17.Qxg3 Rc2 18.Qg8 Rc3 19.Qc8+ (the only way to break the Rc3-Re3 defence) Kb6 20.Qd7 Rxc4 draw. Mini-duals such as 8...Ke6/Ke7 and 10.Qg8+/Qh5+ are tolerated in endgame studies.

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.

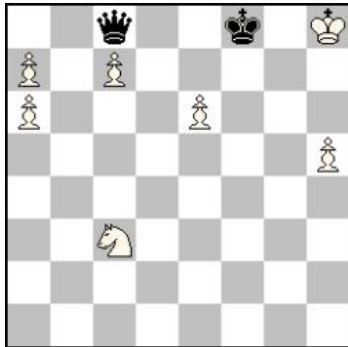
**Reply:** The comparison study can be considered a partial predecessor, despite the fact that the pawn sacrifices in it are unequal (after 3.e3?! Rxe3 loses all meaning 4.c3??). D72 is a small development of D72a, since a pawn and a knight are sacrificed (8.d4! and 9.Sd5!, but not vice versa 8.Sd5?? and 9.d4??)

D10a

Ivan Bondar

E. Dvizov-60 JT, Zvyazda 1997

1.-3. Prize



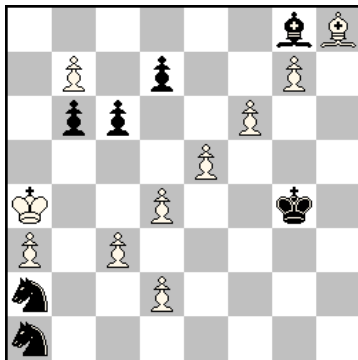
+

(7+2)

D14a/D22a/D64a

Reino Heiskanen

Probleemblad 2005



+

(10+7)

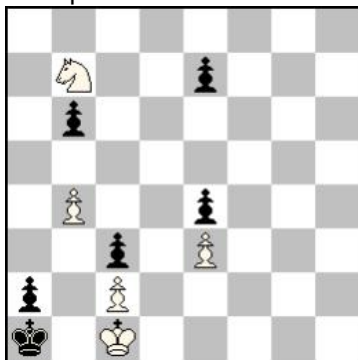
D25a

Mikhail Zinar

N. Rezvov-95 MT

Problemist Ukraini 2017

Special Hon. Mention



+

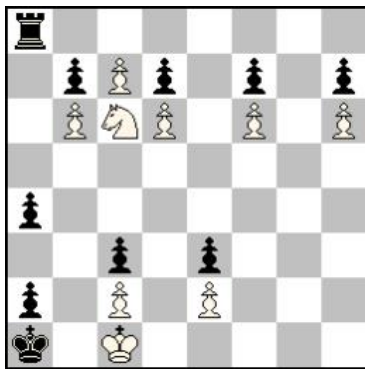
(5+6)

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

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

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†

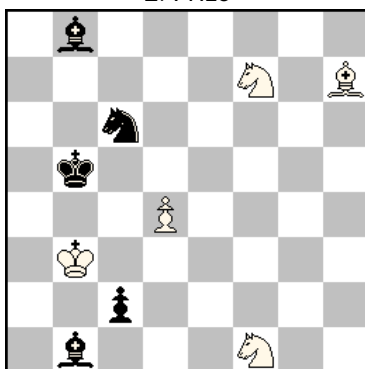
D25c  
Mikhail Zinar  
Shakhmatnaya Kompozitsiya 2011



+ (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†

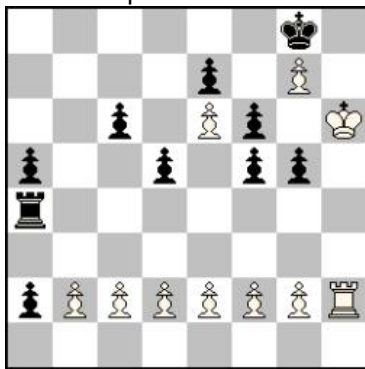
D28a  
Andrzej Lewandowski  
Tidskrift för Schack 1991  
2. Prize



= (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

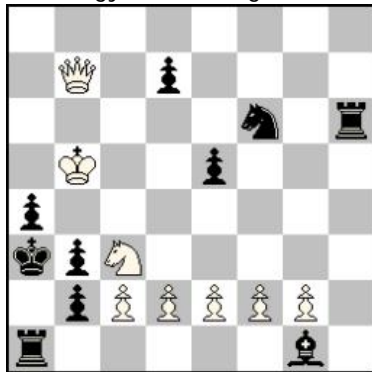
D34a  
 Mikhail Zinar  
 A. Selivanov-50 JT 2017  
 Special Prize



+ (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.Rxa2 Rh4+ 9.Kg6 Rh7) Rh4 8.Rb2 Rb4 9.Rxa2 a4  
 10.Rh2 Rh4 11.Rb2 Rh7 12.Rb8‡

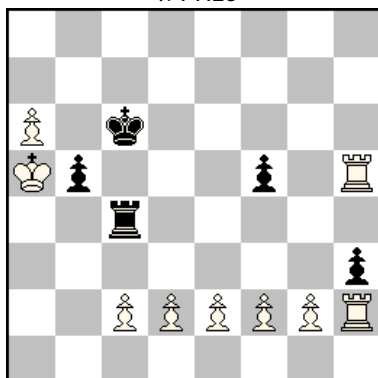
D34b  
 Gyula Neukomm  
 Magyar Sakkvilág 1935



= (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



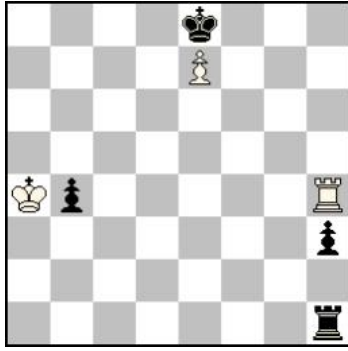
= (9+5)

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+ =

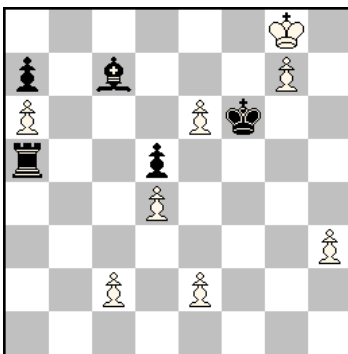
D47a  
 David Gurgenidze  
 Velimir Kalandadze  
 Ruzvelt Martsvlashvili  
 Joseph-100 MT  
 STES Journal 1996  
 2. Prize



= (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 Rxe3+ 5.Kg6 Rg3+ 6.Kf5 Rxe3 no stalemate] 3...Rxc3 4.e3! [4.g8=Q? Rxe3+ 5.Kg6 Rg3+ 6.Kf5 Rxe3 no stalemate] 4...Rxe3 5.g8=Q Rxe3+ 6.Kg6 Rg3+ 7.Kf5! Rxe3 stalemate