



**WORLD FEDERATION
FOR CHESS COMPOSITION**

**9th WORLD CHESS COMPOSITION
TOURNAMENT 2012-13**

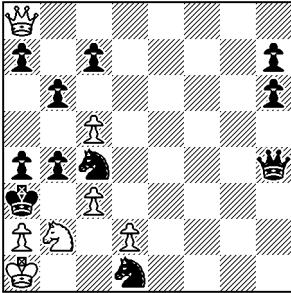
**ENTRIES
SECTION D: ENDGAME STUDIES**

Judging countries: Azerbaijan, Finland, Georgia, Russia, Slovakia

Reserves: Belgium

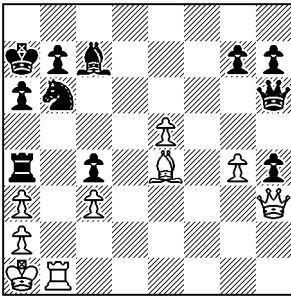
Theme: In a win study, the white queen moves, without capturing, checking or refuting a check, to a square where she is not guarded by White and where she can immediately be captured by Black.

July 2012

D01

+ (7+11)

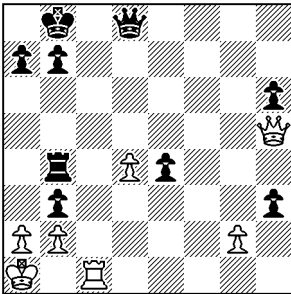
1.Qh1! [1.Qd8? bxc3! 2.dxc3 (2.Qxh4? cxb2+ 3.Kb1 Sxd2+) 2...Qe4/Qf4! 3.Qe8/Qxd1 Sxc3/Sxb2!] **1...Qg4!** [1...Qf4 2.Qf3 Qh4 3.Qxd1! Sxb2 4.Qc1!] **2.Qh5!!** [2.Qg2? bxc3! 3.dxc3 Qf4! (threat ...Qc1#) or 2.Qh3? bxc3! 3.dxc3 Qg8! 4.Qc8 (4.Qg2 Qf7 5.Qf3 Qg8! 6.Qa8 Qg4! 7.Qg2 Qf3!) 4...Qd5! 5.Qd7 (threat 6.Qxa4#) 5...Sxc3! or 2.Qf3? Qg8!] **2...bxc3** [2...Qe4? 3.d3!] **3.dxc3 Qe4 4.cxb6!** [threat 5.Qc5#] **4...axb6 5.Qf3!** [5.Qe8? Sxc3!] **5...Qe6** [5...Qh4 6.Qf6! Qg4 7.Qg7! Qf4 (7...Qe4 8.Qe7+!) 8.Qf8+! Qd6 9.Sxc4#] **6.Qf5!! Qc6/Qe2** [6...Qg8 7.Qf8+! c5 8.Qxg8 Sdxb2 9.Qxh7 +-] **7.Qd7/Qc2!** +-

D02

+ (9+11)

1.g5! Qxg5 [1...Qh5 2.Qc8! Sxc8 3.Rxb7+ +- is faster] **2.Qc8! Sxc8 3.Rxb7+ Ka8 4.Rxc7+ Kb8 5.Rb7+ Ka8 6.Rxg7+ Kb8 7.Rb7+ Ka8 8.Rxh7+ Kb8 9.Rb7+ Ka8 10.Rg7+ Kb8 11.Rxg5 +-** [e.g. 11...Ra5 12.Rg7! Rxe5 (12...Rb5 13.a4! Rb6 14.a5 Rb5 15.Bc6 Rxa5 (15...Sa7 16.Bxb5 Sxb5 17.Rh7 Sxc3 18.Rxh4 +-) 16.Rb7+ Ka8 17.Rb1+ +-) 13.Rb7+ Ka8 14.Re7+ Rxe4 15.Rxe4 Sb6 16.Rxh4 +- or 11...Rxa3 12.Rg7! Rxc3 (12...Sa7 13.e6 Ra5 14.e7 Re5 15.Rg8+ Kc7 16.e8=Q +-) 13.Rb7+ Ka8 14.Rb3+ Ka7 15.Rxc3 +-]

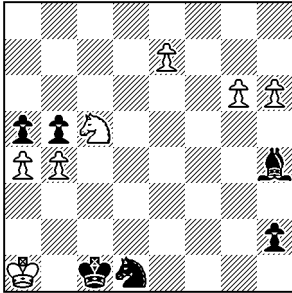
Repetitive battery play
Decoy with hidden threat
Domination of ♔ and ♚

D03

+ (7+9)

1.Qe5+ Ka8 2.Qf5 [Thematic tries 2.Qe7? Rxd4 +- or 2.Qd5? Qb8! 3.a3 Rb6 4.gxh3 e3 5.Qe4 a6 =] **2...Kb8** [2...a6 3.Rc8+] **3.Qf4+ Ka8 4.Qg4 Kb8 5.Qg3+ Ka8 6.Qxh3 Kb8 7.Qg3+ Ka8 8.Qg4 Kb8 9.Qf4+ Ka8 10.Qf5** [10.Qf6? Qb8 11.a3 Ra4 =] **10...Kb8 11.Qe5+ Ka8 12.Qd5!** [12.Qe7? Rxd4 +-] **12...Qf8** [12...Rxd4 main 13.Qxd4! Qxd4 14.Rc8# or 12...Qe8 13.Qc5 or 12...Qb8 13.Qd7] **13.Qe6! Kb8 14.Qe5+ Ka8 15.Qe7! Qxe7 16.Rc8#**

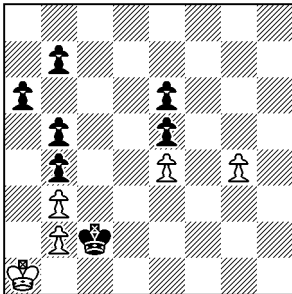
D04



+ (7+6)

1.e8=Q h1=Q [1...Bf6+ 2.Ka2 Sc3+ 3.Kb3! (3.Ka3? Kc2 =) 3...h1=Q 4.Qe3+ Kd1 5.Qd3+ Ke1 6.Se4! +-] **2.Qc6!** [2.Sb3+? Kc2 3.Qc6+ Kxb3! 4.Qxh1 Bf6+ 5.Kb1 Sc3+ =] **2...Qxc6 3.Sb3+ Kc2 4.Sd4+ Kd3** [4...Kc1 5.Sxc6 Bf6+ 6.Ka2 Sc3+ 7.Kb3 bxa4+ 8.Ka3 axb4+ 9.Sxb4 +-] **5.Sxc6 Bf6+ 6.Ka2, Kb1 Sc3+ 7.Kb2!** [7.Ka3? Bg5! =] **7...Se4+ 8.Ka3!** [8.Kb3? bxa4+ 9.Kxa4 axb4 10.Kxb4 Bc3+ =] **8...axb4+ 9.Sxb4+ +-** [for example 9...Kc4 10.g7 Bxg7 11.hxg7 Sf6 12.a5 Kc5 13.a6 Kb6 14.Sd5+, but not 9.Kxb4? bxa4 =]

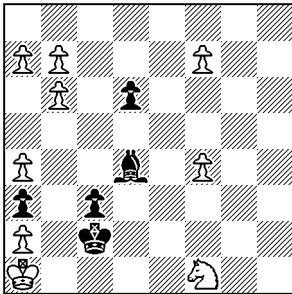
D05



+ (5+7)

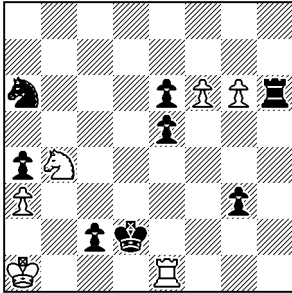
1.Ka2! [1.g5? Kxb3 2.g6 Ka4 3.g7 b3 4.g8=Q b4 5.Qxe6 a5 6.Qxe5 b5 7.Kb1 stalemate] **1...Kd3 2.g5 Kd4 3.g6 Kc5 4.g7 Kb6 5.g8=Q Ka5 6.Qd8+, Qa8** [6.Qxe6? b6 7.Qxe5 stalemate or 6.Qg1? b6 7.Qa1 stalemate] **6...b6 7.Qd5 exd5 8.exd5 e4 9.d6 e3 10.d7 e2 11.d8=S +-**

D06



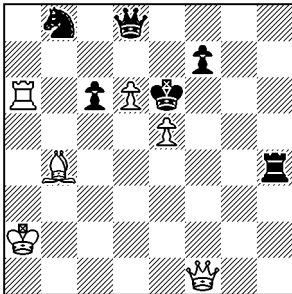
+ (9+5)

1.Se3+! Kd3 2.Sc2 Kxc2 3.f8=Q! [3.b8=Q? Kd3 +- or 3.a8=Q? Kd1 +-] **3...Kc1 4.Qh8! Bxh8 5.b8=Q** [5.a8=Q? Bf6 =] **5...Bd4 6.Qh8 Bxh8 7.a8=Q Bf6 8.Qh1+ +-**

D07

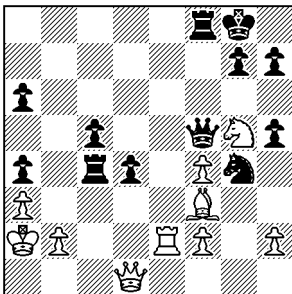
+ (6+8)

1.f7! [1.g7? Sxb4 2.g8=Q Rxf6! 3.Qxg3 Sd3 4.Qe3+ Kc3 5.Rh1 Rf4! = positional draw] **1...Rh1!** **2.Rxh1 g2** **3.Rg1 c1=Q+** **4.Rxc1 Kxc1** **5.f8=Q g1=Q** **6.Qf2!!** [thematic move, logical try 6.Qh6+? Kd1 7.Sd3 (7.Kb1 Ke2+ 8.Qc1 Qxg6+) 7...Qd4+? 8.Sb2+ Kc2 9.Qh2+ +- but 7...Kc2+!! 8.Qc1+ Qxc1+ 9.Sxc1 Sc5! 10.g7 (10.Se2 Sd7 11.g7 Sf6) 10...Sb3+ 11.Ka2 Sxc1+ 12.Ka1 Sb3+ = perpetual check] **6...Qxf2** **7.Sd3+ Kc2** **8.Sxf2 Sc5!** **9.Ka2! Sb3!** [9...Sd7 10.Sg4,Se4] **10.Sd3! Kxd3** **11.Kb2! Sd4** **12.g7** +-

D08

+ (6+6)

1.Ra7 [1.Ra5 c5 2.Rxc5 Sd7 3.Ra5 Qc8 =] **1...Sd7** [1...Kd5 2.Qxf7+ +-] **2.Rxd7! Kxd7** [2...Qxd7 3.Qf6+ Kd5 4.Qxh4 +-] **3.Qf5+ Ke8** **4.e6!** **fxe6** [4...Qa8+ 5.Ba3 fxe6 6.Qxe6+ Kf8 7.d7+ +-] **5.Qxe6+ Kf8** **6.Qc8!! Qxc8** **7.d7+** +-

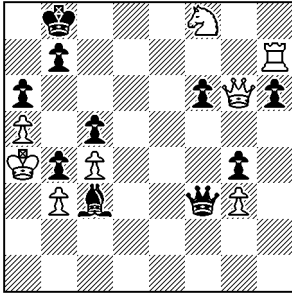
D09

+ (10+12)

1.Qd3! Qxd3! [1...Q~? 2.Qxh7# or 1...Sh6? 2.Be4 +- (e.g. 2...Qd7 3.Bd5+ Rf7 4.Qxh7+ Kf8 5.Qh8+ Sg8 6.Sh7#) or 1...Qg6? 2.Qxc4+ Kh8 (2...Rf7? 3.Re8#) 3.Sf7+ Kg8 4.Se5+ Kh8 5.Sxg6+ +-] **2.Bd5+ Kh8** [2...Rf7 3.Re8#] **3.Sf7+ Kg8** [3...Rxf7 4.Re8+ Rf8 5.Rxf8#] **4.Se5+ Kh8** [4...Rf7 5.Sxd3 Kf8 6.Bxc4 +-] **5.Sxd3!** +- e.g.:
 a) 5...Rc1! 6.Sxc1 Sxh2 7.Sd3 h4 8.Sxc5 Sg4 9.Se6! Re8 10.Rd2 Sf6 11.Rxd4 Sxd5 12.Rxd5 h3 13.Rd1 h2 14.Sc5 Rf8 15.Sxa6 Kg8 16.Rh1 Rxf4 17.Rxh2 +-
 b) 5...Rb4 6.axb4 cxb4 7.h3 Sf6 8.Bf3! a5 9.Re5 a3 10.b3! g5 11.Rxa5 g4 12.Bh1 gxh3 13.Sxb4 Rc8 14.Ra8 Rxa8 15.Bxa8 Kg7 16.Kxa3 +-
 c) 5...Rc3 6.bxc3 dxc3 7.h3 Sf6 8.Bc4 Se8 9.Sxc5 Sd6 10.Bxa6 Rxf4 11.Re6! Rxf2+ 12.Kb1 Rf6 13.Rxf6 gxf6 14.Sxa4 Kg7 15.Sxc3 +-
 d) 5...Sc2 6.Rxc2 Sxh2 7.Rxc5 g6 8.Rc4 h4 9.Rxa4 Rd8 10.Bg2! +-
 e) 5...Sxh2 6.Bxc4 g6 7.Re7! Rf5 8.Bxa6 Sf3 9.Bc8 Rf8 10.Be6! h4 11.Bd5 Sd2 12.Sxc5 Rf5 13.Se6! h6 14.Re8+ Kh7 15.Sf8+ Kg7 16.Sd7! Rxd5 17.Re7+ Kg8 [17...Kh8 18.Sf6 ~ 19.Rh7#] 18.Sf6+ Kf8 19.Sxd5 +-

Decoy combination with domination of the ♖

D10

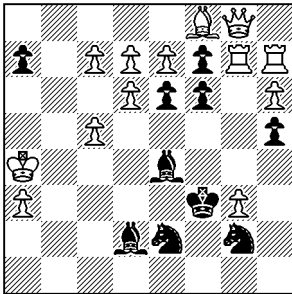


+ (8+10)

1.Sd7+ [1.Qe8+? Ka7 2.Se6 Qh1 3.Rxb7+ Qxb7 4.Sxc5 Qc7 5.Se6 Qb7 6.Sd8 Qc7 7.c5 Be5 8.Sc6+ Kb7 9.Sxe5 fxe5 10.Kxb4 Qc6 =] **1...Ka7**
2.Sb8! Qh1! [2...Be5? main line 3.Qxg4! (3.Qf5? Kxb8 = (3...Qg2? 4.Qf2! +- or 3...Qh1! 4.Qf1 Qe4 5.Re7 Kxb8 6.Qxf6 Bxf6 7.Rxe4 Kc7 8.Rxg4 Be5 =)] 3...Qg2! (3...Qh1? 4.Qd1! Qg2 5.Qe2,Qd2! Qh1 6.Qe1! (6.Qf1? Qe4 7.Re7? (7.Qd3 Qh1 8.Qb1 Qg2 9.Qc2 Qh1 10.Qd1 Qg2 11.Qe2 Qh1 12.Qe1 is only waste of time) 7...Kxb8! 8.Qxf6 Bxf6 9.Rxe4 Kc7 10.Re6 Bg5 =) 6...Qg2 7.Qf2 +) 4.Qe2 Qh1 5.Qe1! Qg2 6.Qf2 Qxf2 (6...Qh1 7.Qxc5+ Ka8 8.Sxa6! Qa1+ 9.Kb5 +-) 7.Sc6+ Ka8 8.Rh8+ Bb8 9.Rxb8+ or 2...Kxb8 3.Qe8+ Ka7 4.Qc8 Bd4 5.Qc7 Be5 6.Qxc5+ Ka8 7.Rh8+ Bb8 8.Qd6 Qc6+ 9.Qxc6 bxc6 10.Rxb6 Bxg3 11.Rxf6 Kb7 12.Kxb4 Be1+ 13.Kc5 Bxa5 14.Rf7+ Bc7 15.b4 g3 16.Rg7 a5 17.bxa5 g2 18.a6+ Kxa6 19.Kxc6 +- EGTB or 2...Qg2? 3.Qc2! Qh1 4.Qd1 main]
3.Qb1! Qg2 4.Qc2 Qh1 5.Qd1 Qg2 6.Qe2 Qh1 7.Qf1 Qe4 8.Qf5 Qh1 [8...Qxf5 9.Sc6+ Ka8 10.Rh8+ Qc8 11.Rxc8# or 8...Qe8+ 9.Rd7 Kxb8 10.Qd5 +-] **9.Qxc5+ Ka8 10.Sxa6 Qa1+ 11.Kb5 +-**

Systematic thematic manoeuvres of the ♖ and ♗ switchbacks

D11

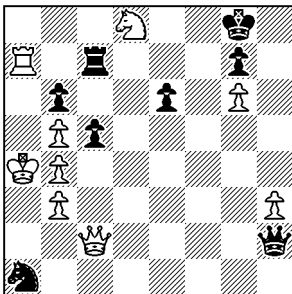


+ (13+10)

1.Rg4! [1.Qxf7? Bc2+ 2.Kb5 Bd3+ 3.Kc6 Be4+ 4.Kb5 Bd3+ = or 1.Rg5? Bc2+ 2.Kb5 Bd3+ 3.Kc6 Be4+ 4.Rd5! Bxd5+ 5.Kb5 +- but 1...Sd4,a6! +-]
1...hxg4 2.Qg5! [2.Qg6? fxg6! 3.d8=Q Bc6+ = (3...Sd4? 4.Qa8! Bxa8 5.e8=Q Be4 6.Qa8! Bxa8 7.c8=Q Be4 8.Qb7! +)] **2...fxg5** [2...Bc2+? 3.Kb5 Bd3+ 4.Kc6 Be4+ 5.Qd5! Bxd5+ 6.Kb5 +-] **3.d8=Q!** [3.c8=Q?? Sd4! +- or 3.Rxf7+? Ke3,Kxg3! +-] **3...Sd4!** [3...Bc6+ 4.Kb3 Bd5+ 5.Kc2 Ke3 6.Bg7! Se1+ 7.Kb1 +-] **4.Qa8! Bxa8 5.e8=Q!** [5.Rxf7+?? Kxg3! +-]
5...Be4 [5...Bd5? 6.Qb5] **6.Qa8! Bxa8 7.c8=Q** [7.Rxf7+?? Kxg3! +-]
7...Be4 [7...Bd5? 8.Rxf7+ Kxg3 9.Rb7 +] **8.Qb7! Bxb7** [8...Sf4 9.Rxf7 +] **9.Rxf7+ Sf4 10.Rxb7 +-**

5+2 quiet sacrifices, Bristol, Roman decoy

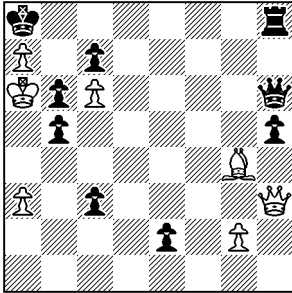
D12



+ (9+8)

1.Sb7 [1.Ra8? Ra7+!] **1...Rxb7 2.Ra8+ Rb8** [2...Qb8 3.Rxb8+ Rxb8 4.Qg2 +-] **3.Qg2!! Qg3** [3...Qd6 4.Qb7 Rxa8+ 5.Qxa8+ Qf8 6.Qxf8+ Kxf8 7.bxc5 +- or 3...Sxb3 4.Qxh2 +- or 3...Sc2 4.Qb7 Rf8 5.Qf7+ or 3...Kf8 4.Qf3+ Ke7 (4...Kg8 5.Qf7+ +) 5.Ra7+ Kd6 6.Qc6+ Ke5 7.Qc7+ +- or 3...Kh8 4.bxc5 bxc5 5.b4 Qd6 6.Rxb8+ Qxb8 7.Qc6 Qa7+ 8.Qa6 Qb8 9.b6 +- or 3...c4 4.bxc4 Qd6 5.Rxb8+ Qxb8 6.Ka3 Qa7+ 7.Kb2 Qa4 8.Qe4 Qxb4+ 9.Kxa1 Qa3+ 10.Kb1 Qb3+ 11.Kc1 Qc3+ 12.Kd1 Qa1+ 13.Ke2 Qb2+ 14.Kf3 Qf6+ 15.Kg4 +- or 3...Qf4 4.Qe4 or 3...Qc7 4.bxc5 bxc5 5.Qe4 Qd8 6.Rxb8 Qxb8 7.b6 +-] **4.Qf3!! Qf4 5.Qe4!!** [5.Rxb8+? Qxb8 =] **5...Rxa8+** [5...Qf8 6.Rxb8 Qxb8 7.bxc5 bxc5 8.b6 Qe8+ 9.Ka3 Sxb3 10.Kxb3 Qb5+ 11.Kc2 Kf8 12.b7 Ke7 13.Qe5 +-]
6.Qxa8+ Qf8 7.Qxf8+ [7.Qe4? Qf2 =] **7...Kxf8 8.bxc5 +-**

D13

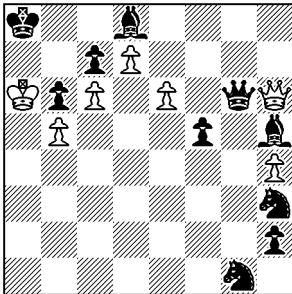


+ (7+9)

1.Bc8! [1.Qh2? Qg7 2.Bd7 Qd4! 3.Qxc7 Qa4+ 4.Kxb6 Qd4+ 5.Ka6 Qa4+ 6.Kb6 Qd4+ =] **1...Qxc6 2.Qe6!** [2.Qd7? Qe4 3.Qd4 (main plan) 3...e1=Q -+] **2...Qxg2 3.Qxe2 Qc6 4.Qe6 Qg2 5.Qh3!** [5.Qg6? Qh1! 6.Qg1 Qc6 7.Qg6 Qh1 8.Qb1 Qc6 9.Qg6 Qh1 =] **5...Qe4! 6.Qh4! Qg2 7.Qf2!** [7.Qg3? Qc6 8.Qxc3 Qe4! 9.Qc2 Qf3! 10.Qc3 Qe4 11.Qd4 Qf3 12.Qd3 Qc6 =] **7...Qh1 8.Qf1 Qd5 9.Qf7! Qe4 10.Qf4! Qc6 11.Qf6 Qe4 12.Qd4!! Qxd4 13.Bb7#**

A logical study with seven thematic sacrifices in the main line and several sacrifices in the try after 7.Qg3?, as well as four non-thematic sacrifices in the actual play until the fifth move.

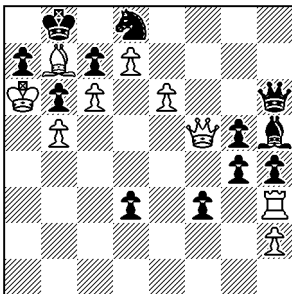
D14



+ (7+10)

1.e7 Qg8 2.Qe6 [2.Qg7? Qa2#] **2...Qh8 3.Qe5 Qg8 4.Qd5 Qh8 5.Qd4 Qg8 6.Qc4 Qh8 7.Qc3 Qg8 8.Qb3 Qh8 9.Qb2 Qg8 10.Qg2 Qh8** [10...Bg4 11.Qd5 Qh8 12.Qe5 Qg8 13.exd8=Q+ Qxd8 14.Qe8 +- or 10...Bg6 11.e8=Q +] **11.Qg7! Qxg7 12.exd8=Q#**

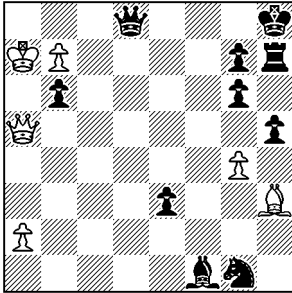
D15



+ (9+12)

1.e7 Qh8 2.Qe5 Qg8 3.Qd5 Qh8 4.Qd4 Qg8 5.Qc4 Qh8 6.Qc3 Qg8 7.Qb3 Qh8 8.Qb2 Qg8 9.Rxh4 gxh4 10.Qb3 Qh8 11.Qc3 Qg8 12.Qc4 Qh8 13.Qd4 Qg8 14.Qd5 Qh8 15.exd8=Q+ Qxd8 16.Qxh5 +-

D16

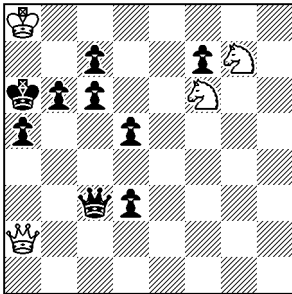


+ (6+10)

1.Qg5! [1.Qxb6? Qe7 2.Ka8 Rh6 3.b8=Q+ Kh7 4.Bxf1 e2 = or 1.Qc3? Sxh3 2.Qc8 Qg8 3.b8=Q Bc4 4.Qxc4 Qxb8+ 5.Kxb8 Rh6 = or 1.Qe5? Bc4 2.b8=Q Qg8 3.Bg2 hgx4 4.Qxe3 Sf3 5.Qxg8+ (5.a4 Qxb8+ 6.Kxb8 Rh2 =) 5...Bxg8 6.a4 g5 7.Kxb6 (7.Qe4 Rh6 8.Qxg4 Sd2 9.Qxg5 Sc4 =) 7...Rh6+ 8.Kb5 (8.Kc7 Re6 9.Qd3 Se1 =) 8...Re6 9.Qc3 Re5+ 10.Kb6 (10.Kb4 Se1 11.a5 Re3 12.Qd2 Sxg2) 10...Re6+ 11.Kc7 Re4 12.Qa3 Rc4+ 13.Kb6 Rf4 14.a5 Bc4 =] **1...Qd7** [1...Qc7 2.Bxf1 e2 (2...b5 3.Qxb5 +- or 2...hgx4 3.Qxg4 +- or 2...Rh6 3.Qxe3 hgx4 4.Qxg1 g3 5.a4 Rh4 6.Bb5 Rf4 7.Qxb6 Qe7 8.Ka6 Rf8 9.b8=Q Rxb8 10.Qxb8+ +-) 3.Qc1!] **2.Bxf1 e2** [2...Rh6 3.Qxe3 hgx4 4.Bb5 Qc7 5.Qxg1 Rh3 6.a4 +] **3.Bxe2 Sxe2 4.Qb5!** [4.Qd2? Qa4+ 5.Kxb6 Rh6 6.b8=Q+ Kh7 7.g5 Sd4 8.Kc5 Sf3,Se6+ =] **4...Qf7** [4...Qe7 5.Qxe2 Qa3+ 6.Qa6 Qe7 7.Ka8 Qe4 8.Qa3 +- (also 7.Qc4 Rh6 8.g5 +- or 7.Qd3 Rh6 8.Ka8 +)] **5.Qxe2 hgx4** [5...Rh6 6.g5 +-] **6.Qf2! Qe7 7.Qe3! Qd7 8.Qd4! Qe7 9.Qb4! Qf7 10.Qb3 Qe7 11.Ka8 Qe4 12.Qc2!** +- [12.Qb4? Qf3 13.Ka7 Qf7 loss of time]

Eight thematic sacrifices on eight different squares

D17

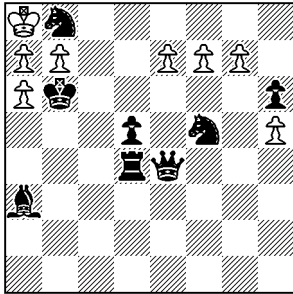


+ (4+9)

1.Sfe8! [1.Sge8? Kb5! (1...Qe5? 2.Kb8! b5?? 3.Sxc7+ Kb6 4.Sd7#) 2.Sxc7+ Kc5! 3.Qa4 Qxf6 =] **1...Qe5!** [1...Kb5 2.Sxc7+ Kc5 (2...Kb4 3.Sa6+ Kb5 4.Se8! +-) 3.Sf5! +- or 1...b5?? 2.Sxc7+ (or 2.Qf2! +-) 2...Kb6 3.Qf2+! Kxc7 4.Se8+! Kd8 5.Qxf7 Qe5 6.Sf6 Qe7 7.Qg8+ Kc7 8.Qb8#] **2.Se6!!** [Thematic try 2.Qa1? Qe7! 3.Qf6 (3.Qe1? Qd8#) 3...Qd7! 4.Kb8 d2! 5.Qf1+ b5 6.Sxc7+ Kb6 7.Qf2+ d4! (7...c5? 8.Qf6+ +-) 8.Sa8+ Ka6 =, or 2.Qa3? Kb5! 3.Qxd3+ Kb4! 4.Kb7 (4.Qb1+ Kc4 =) 4...b5! 5.Qb1+ (5.Qd2+ Qc3 =) 5...Kc4! =, or 2.Kb8? b5! 3.Qf2 d4 4.Sxc7+ Kb6 =] **2...fxe6** [2...Qh8? 3.S6xc7#] **3.Qa1!** [Thematic try 3.Qb2? Qg3! 4.Qg2 Qe5 5.Qg5 Qh8 6.Qd8 Qh7! (6...Qe5? 7.Qf6 +- or 6...Qh2? 7.Qh4 Qe5 8.Qd4 +-) 7.Qxc7 Qh4! = (8.Qxc6?? Qd8+ +-)] **3...Qh2** [3...Qg3 4.Qg1 Qe5 5.Qd4+ - see main line] **4.Qh1!** [Thematic try 4.Qg1? Qh8! -+] **4...Qe5 5.Qh5! Qf4 6.Qf3!** [Thematic try 6.Qh6? Qf7! 7.Qxe6 Qh7! (7...Qf8? 8.Qc8+ Kb5 9.Sxc7+ +-) 8.Qf5 Qe7! = (8...Qg8?? 9.Qc8+ Kb5 10.Sxc7+ +-)] **6...Qe5 7.Qf6!** [Thematic try 7.Qe3? Qh8 -+ or 7.Qxd3+? b5 -+] **7...Qg3 8.Qg5!** [Thematic try 8.Qh4, Qf2? Qg8 =] **8...Qh2 9.Qh4! Qe5 10.Qd4! Qg3 11.Qxd3+ Qxd3 12.Sxc7#** model mate

7 thematic moves

D18



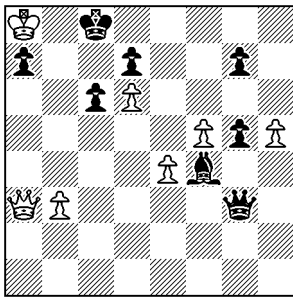
+ ■ →

(8+8)

1...Ra4 [1...Sxg7 2.axb8=Q Qxe7 3.Qa7+ Kc6 4.Qxd4 +-] **2.f8=Q!** [2.e8=Q? Sxg7 3.Qxe4 dxe4 4.Kxb8 Bd6+ 5.Ka8 Rxa6 6.b8=Q+ Bxb8 7.f8=Q Rxa7+ 8.Kxb8 Rb7+ 9.Kc8 Rc7+ 10.Kb8 (10.Kd8? Se6+ --) 10...Rb7+ = or 2.g8=Q Qxe7 --] **2...Bxe7** [2...Qxe7 3.Qxb8 Bd6 4.Qc8 Rxa6 5.b8=Q+ Bxb8 6.Qxb8+ Kc6 7.g8=Q Sd6 8.Qg1 +- or 2...Sxe7 3.Qf6+ Sec6 4.axb8=5 Qe8 5.Qxc6+ Qxc6 6.Sxc6 Rxa6+ 7.Kb8 Bd6+ 8.Kc8 Kxc6 9.g8=Q +-] **3.Qxb8 Sxg7** **4.Qe5!!** [Thematic move, thematic try 4.Qf4? Qxf4 5.b8=Q+ Kc5 6.Qc7+ Qxc7 stalemate] **4...Qxe5** [4...Kxa6 5.Qxe4 dxe4 6.b8=Q +-] **5.b8=Q+ Qxb8+** [5...Kxa6 6.Qxe5 Bc5 7.Qxd5 Kb5 8.Qb3+ Rb4 9.Qd3+ Ka5 10.Qd8+ Rb6 11.Qd2+ Rb4 12.Qa2+! (12.Qxh6? Sxh5 13.Qxh5 =) 12...Kb6 (12...Ra4 13.Kb7 Bxa7 14.Qd2+ Rb4+ 15.Kxa7 Sxh5 16.Qxh6 +-) 13.Kb8 Kc6+ 14.Kc8 Bxa7 15.Qxa7 Sxh5 +-] **6.axb8=Q+ Kxa6** [6...Kc6 7.Qb7+ Kd6 8.Qb6+ Ke5 9.Qc7+ Kf6 10.Qc6+ +- or 6...Ka5 7.a7 Rb4 8.Qc7+ Rb6 9.Qxe7 +-] **7.Qb7+ Ka5** **8.Qxe7** [8.Qxd5?+ Kb6+ 9.Kb8 Sxh5 10.Qxh5 Bg5 = EGTB] **8...Sxh5** **9.Qc5+!** [9.Kb7? Rc4 10.Qe1+ Rb4+ 11.Kc6 Sf4 12.Qd2 h5 13.Kc5 Se6+ 14.Kxd5 Sd4! = EGTB] **9...Ka6** **10.Qc6+!** [10.Qxd5? Kb6+! = EGTB] **10...Ka5** **11.Kb7! Rb4+** **12.Ka7!** +- [e.g. 12...d4 13.Qa6# or 12...Rb5 13.Qxh6 +- EGTB or 12...Rh4 13.Qxd5+ +- EGTB]

Only the correct "f" pawn promotion provides White with the thematic ♖. The thematic move is then presented in parallel with a thematic try leading to white self-stalemate. The main variation ends with repeated refusals of captures by a ♖ generated by a double Phoenix, a theme that recurs also in some side lines.

D19



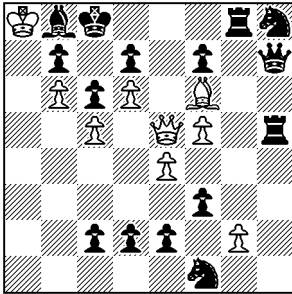
+

(7+8)

1.f6! [1.Qa6+? Kd8 2.Qc4 Bxd6 3.Qg8+ Ke7 4.Qxg7+ Ke8! (4...Kd8? 5.Qh8+! Ke7 6.f6+ Ke6 7.h6 +-) 5.h6 Bf8! 6.Qg6+ Kd8! 7.h7 Qe5! 8.Qg8 Kc7 9.Qxf8 Qb5! = or 1.h6? gxh6 2.Qa1 Be5! 3.Qa6+ Kd8 4.Qc4 Bxd6 5.Qg8+ Ke7 =] **1...gxf6** [1...Bxd6 2.fxf6 +-] **2.h6** [2.Qa6+? Kd8 3.Qc4 Bxd6 4.Qg8+ Ke7 5.h6 Be5 6.h7? (6.Qg7+ =) 6...f5 +-] **2...a5!** [Counterplay to open the a-file, if 2...Bxd6 3.h7 or 2...Qh3 3.Qa6+ Kd8 4.Qc4! Bxd6 5.Qg8+ Ke7 6.h7 +- or 2...Kd8 3.Qa5+ Ke8 4.Qf5 Bxd6 5.h7 Qh4 6.Qg6+ +-] **3.h7** [3.e5? Qg2 4.Qc5 Bxe5 5.h7 Qh1! +-] and now two main lines:
a) **3...Qh4!** [Additional sacrifice is possible after 3...Qh2 4.Qxa5 Bxd6 5.Qd2! +-] **4.e5!** [Logical sacrifice to open the e-file, if 4.Qxa5? Bxd6 5.Qe1 Qxh7 --+] **4...Bxe5** **5.Qxa5 Bxd6** **6.Qf5!! Qh1!** **7.Qb1!! Qh2** **8.Qc2!! Qh1** [8...Qh3 9.Qd3!! (9.Qg6? Kc7! 10.Qg8 Bf8!! 11.h8=Q (11.Qxf8 Qxb3 --) 11...Qg2! --) or 8...Qh4 9.Qe4!! Qh5 10.Qg6!! (10.Qe2? g4! --) **9.Qd1!!** [9.Qe4? Qa1+! 10.Qa4 Qh1! 11.Qe4 Qa1+ 12.Qa4 Qh1 = positional draw] **9...Qxh7** **10.Qxd6 Kd8** **11.Qf8+ Kc7** **12.Qb8#**

Eight ♖ sacrifices on b1, c2, d3, e4, f5, g6, e1, d1; possible sacrifice on d2 and two sacrifices in tries on e2, e4. Also two logical sacrifices of ♖e4 to open the e-file and the diagonal b1-h7 and logical play of Black to open the a-file.

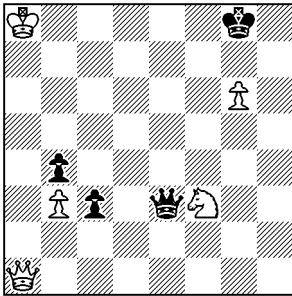
D20



+ (9+15)

1.Qa1 c1=Q 2.Qa6 Qa3 3.Qxa3 d1=Q 4.Qa6 Qa4 5.Qxa4 e1=Q 6.Qa6 Qa5 7.Qxa5 Rxb2 8.Qa6 Ra2 9.Qxa2 Rh2 10.Qa6 Ra2 11.Qxa2 Qh2 12.Qa6 Qa2 13.Qxa2 ~ 14.Qa6 bxa6 15.b7#

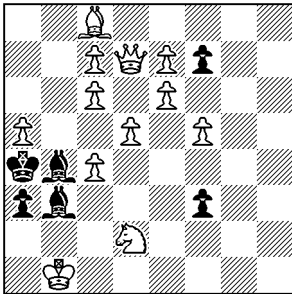
D21



+ (5+4)

1.Qd1! [1.Qh1? Qe8+ 2.Ka7 Qd7+ 3.Ka6 c2 4.Sd4 Qc8+ 5.Kb5 Qb8+ 6.Kc5 Qe5+ 7.Kc6 c1=Q+ 8.Qxc1 Qxd4 9.Kb5 Qd5+ 10.Ka4 Qa8+ 11.Kxb4 Qb8+=] 1...Qe4+ [1...Qe6 2.Qd8+ Kg7 3.Sd4 +=] 2.Ka7! [2.Kb8? c2 3.Qd8+ Kg7 4.Qd7+ Kxg6 5.Qd3?? Qxd3 6.Se5+ Kf5 7.Sxd3 Ke4 +=] 2...c2 3.Qd8+ Kg7 4.Qd7+ Kxg6 5.Qd3!! [thematic move] 5...Qxd3 6.Se5+ Kf5 7.Sxd3 Ke4 8.Sc1 Kd4 [8...Ke3 9.Kb6 Kd2 10.Sa2 c1=Q 11.Sxc1 Kxc1 12.Kb5 +=] 9.Sa2 +=

D22

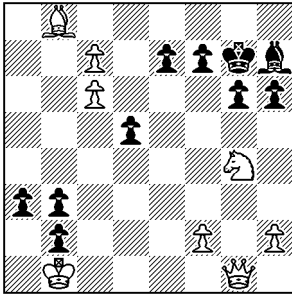


+ (12+6)

1.Ba6! a2+ 2.Kb2 Ba3+! [2...Bc3+ 3.Kxc3 a1=Q+ 4.Kd3 +=] 3.Ka1 Bc5! [3...Bb4 4.Se4 f2 5.c5! +=] 4.Bb5+ [4.Sxf3? Bb4 5.Bb5+ (5.Kb2 Ba3+! 6.Ka1 Bb4 =) 5...Kxa5! 6.Kb2 Ba3+! =] 4...Ka3 [4...Kxa5 5.Sxb3+! += (5.Sxf3? Bb4! =)] 5.Sxf3 [5.Sb1+?? axb1=Q+ 6.Kxb1 f2 +=] 5...Bb4 6.Qd6! Bxd6 7.e8=Q [7.c8=Q? Bb4 8.Qh8 f6! 9.Qxf6 Bc3+ 10.Qxc3 stalemate] 7...Bb4 8.Qh8! [Thematic tries 8.Qf8?? Bxf8 9.c8=Q Bg7+! += or 8.Qe7?? Bxe7 9.c8=Q Bf6+ +=] 8...f6 9.Qf8! [9.Qxf6? Bc3+ 10.Qxc3 stalemate] 9...Bxf8 10.e7! [10.c5?? Bh6 11.c8=Q Bc1 += or 10.c8=Q?? Bb4 11.Qf8 Bxf8 12.e7 Bxe7 13.c5 Bd8! +=] 10...Bxe7 11.c5! Bxc5 12.c8=Q Bb4 13.Qf8! Bxf8 14.c7 Bb4 15.c8=R! += [15.c8=Q? Bc3+ 16.Qxc3 stalemate]

3 thematic moves

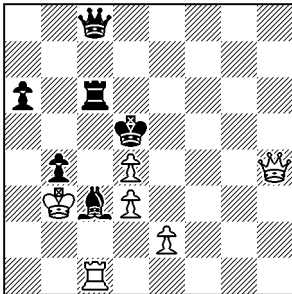
D23



+ (8+10)

**1.Sf6 exf6 2.Qg5! hxg5 3.c8=Q,c8=B g4 4.Qf5,Bf5! gx f5 5.Bf4 g3
6.fxg3!** [6.hxg3? Bg6 7.c7 Bh5 8.Bh6+ Kg6 9.Bf8 Be2 10.Bxa3 Ba6 =]
**6...Bg6 7.c7 Bh5 8.c8=Q Bf3 9.Bh6+! Kg6 10.Qg8+ Kh5 11.Qxf7+ Kg4
12.Qg6+ Kh3 13.Qxf5+ +- [13...Kg2 14.Bf8 Be4+ 15.Qxe4+ dxe4 16.h4]**

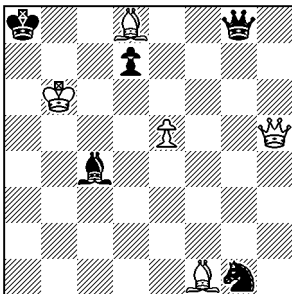
D24



+ (6+6)

1.Rg1! [1.Qe4+? Kd6 2.Qe5+ Kd7 3.Rg1 Qf8! 4.Rg7+ Kc8! =] **1...Qe6!**
[1...Bxd4 2.Rg5+ Be5 3.Qe4+ Kc5 4.Qxb4+ Kd5 5.Qe4+ Kc5 6.Qe3+ Kb5
7.Rxe5+ +- or 1...Qe8 2.Rg5+ Kd6 3.Qg3+ Kd7 4.Rg7+ Kc8 5.Rg8 +-]
2.Rg5+ Kd6+ 3.d5 Qf7! [3...Qxd5+ 4.Rxd5+ Kxd5 5.Qe7 +-] **4.d4! Kc7!**
[4...Bxd4 5.Qxd4 Rc7 6.Rg6+ Qxg6 7.Qb6+ +-] **5.Qg3+!** [5.Qh2+? Kb7 -+]
5...Kb6 [5...Kb7 6.Rg7 +-] **6.Qb8+ Ka5 7.Qb7!!** [Thematic try 7.Qd8+?
Rb6! (7...Kb5? 8.Qb8+ Rb6 (8...Ka5 9.Qb7!!) 9.Qc8! Ka5 10.Rf5! +-) 8.Qc7!!
Qf6! = (8...Qxc7 9.d6+ Qc5 10.Rxc5+ +-)] **7...Rf6!** [7...Qxb7 8.dxc6+ +-]
8.Qe7!! [8.Qc8? Bxd4 9.Qc4 Rf3+ 10.exf3 Qxf3+ =] **8...Qxe7** [8...Kb6
9.Qc5+ Kb7 10.Re5! Kb8 11.Re7 +- or 8...Bxd4 9.Qxb4#] **9.d6+ Qe5!**
[9...Kb6 10.dxe7 Re6 11.Rg6! +-] **10.dxe5** [10.Rxe5+? Kb6 11.Rd5 Rf8 =]
10...Bxe5 [10...Kb6 11.exf6 Bxf6 12.Rf5 +-] **11.d7!** [11.Rxe5+? Kb6
12.Rd5 Rf8! 13.e4 Kc6 14.Kxb4 Rd8 =] **11...Rd6** [11...Rf8 12.Rxe5+ Kb6
13.Re8 +-] **12.Rxe5+ Kb6 13.Re6!** +-

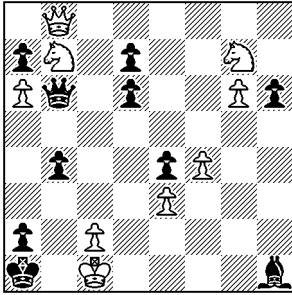
D25



+ (5+5)

1.Qe8! [1.Bxc4? Qxd8+ 2.Kb5 Qb8+ =] **1...Qxe8** [1...Sf3 2.Bg2 Qxe8
3.Bxf3+] **2.Bg2+ Sf3!** [2...Bd5 3.Bxd5+ Kb8 4.Bc7+ or 2...d5 3.exd6 e.p.+
Bd5 4.Bxd5+ Kb8 5.Bc7+ Kc8 6.Bb7+ Kd7 7.Bc6+ Ke6 8.Bxe8 +-] **3.Bxf3+
d5** [3...Bd5 4.Bxd5+ Kb8 5.Bc7+] **4.exd6 e.p.+ Bd5 5.Bxd5+ Kb8 6.Bc7+
Kc8 7.Bb7+ Kd7 8.Bc6+ Kc8 9.d7+ Qxd7 10.Bb7#** ideal mate

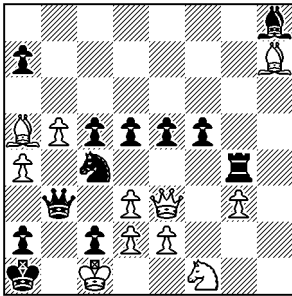
D26



+ (9+10)

1.Sc5! [1.Sf5? b3! 2.Qh8+ b2+ +- or 1.Qxd6? Qxe3+ 2.Qd2 Qa3+ 3.Kd1 Bf3+ 4.Ke1 e3 +-] **1...Qxc5** [1...Qxb8 2.Sb3#] **2.Sf5! Qc3** [2...Qxf5 3.Qh8+] **3.Qh8!! Qxh8 4.g7 Qxg7** [4...Qg8 5.Sd4 Bf3 6.Sb3+ Qxb3 7.cxb3 +-] **5.Sxg7 Bf3 6.Sf5** [6.f5? Bd1 7.f6 Bxc2 8.f7 (8.Kxc2 b3+ 9.Kxb3 Kb1 10.f7 a1=Q +-) 8...b3 9.f8=Q b2+ 10.Kxc2 b1=Q+ +-] **6...Be2 7.Sd4 Bc4 8.f5 h5 9.f6 h4 10.f7 Bxf7 11.c4!** [11.c3? b3 +-] **11...bxc3 e.p.** [11...Bxc4 12.Sc2# or 11...b3 12.Sxb3#] **12.Sc2#**

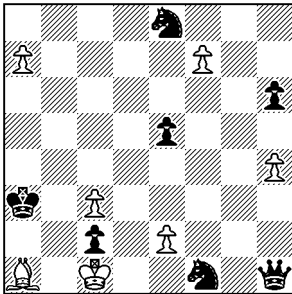
D27



+ (11+12)

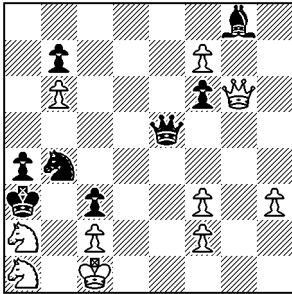
1.Bc3+ Sb2 2.Qxc5 d4 3.Qd5 [3.Qc4? Qxc3! or 3.Se3? dxe3! or 3.b6? Bf6 4.Qb5 Qxb5 or 3.Bg8? Rxg8 4.Qd5 Qa3 =] **3...Qa3 4.Qd6 Qb3 5.Qe6 Qa3 6.Qe7 Qb3 7.Qf7 Qa3 8.Qf8 Qb3 9.Bg8 Rxg8 10.Qxg8 Qa3 11.Qf8** [11.Qc4? dxc3 12.Qxc3 Qxc3 =] **11...Qb3 12.Qf7** [12.Qb4? Qxb4 13.Bxb4 e4 14.Ba3 Sxa4 15.dxe4 d3 16.exd3 Bb2+ 17.Bxb2+ Sxb2 18.Kxc2 Sxd3 =] **12...Qa3 13.Qe7 Qb3 14.Qe6 Qa3 15.Qd6 Qb3 16.Qd5 Qa3 17.Qc5** [17.Se3? dxe3 18.Qh1 Qb3 19.Qe1 f4 20.gxf4 Bf6 21.dxe3 Bh4 =] **17...Qxc5** [17...Qxc3 18.dxc3 +-] **18.Bxb2#**

D28



+ (7+7)

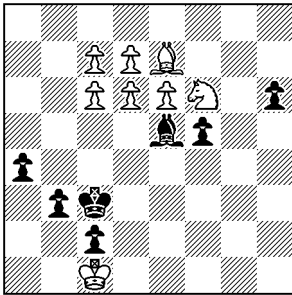
1.f8=Q+ [1.a8=Q+? Qxa8 2.f8=Q+ Ka2 3.Bb2 Se3 +-] **1...Ka2 2.Qg8+** [2.Qf7+? Kxa1 3.Qf3 (3.a8=Q+ Qxa8 4.Qb3 (4.Qxf1 Qa2 +-) 4...Qa2 5.Qxa2+ Kxa2 +- or 3.Qb3 Se3+ or 3.Kxc2 Qe4+) 3...Qxf3 4.exf3 Sc7 5.Kxc2 Sh2 +- or 2.Qf3? Qxf3 3.exf3 Sc7 +-] **2...Kxa1 3.Qg1!** [3.Kxc2 Qe4+ or 3.a8=Q+? Qxa8 4.Qb3 Qa2 5.Qxc2 Qa3+ +-] **3...Qd5** [3...Qe4 4.Qb6 +- or 3...Qb7 4.Qb6 Qxb6 5.a8=Q+ +-] **4.Qxf1** [4.Kxc2? Qa2+] **4...Ka2** [4...Qd1+ 5.Qxd1 cxd1=Q+ 6.Kxd1 Sc7 7.Kc2 Ka2 8.Kd3 Kb3 9.h5 Ka4 10.Ke4 +- or 4...Qa2 5.a8=Q Qxa8 6.Kxc2+] **5.Qf7!** [5.Kxc2? Qb3+ =] **5...Qxf7 6.a8=Q+ Kb3 7.Qb8+ Kxc3** [7...Kc4 8.Qb4+ Kd5 9.Qb3+ +-] **8.Qb2+ Kc4 9.Qa2+ +-**

D29

+ (10+8)

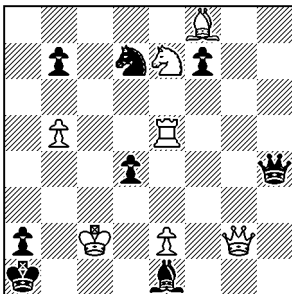
4 thematic moves

1.Kb1 Qb5! [1...Sxa2 2.f8=Q+ Sb4 3.Qxb4+ Kxb4 4.Qxg8 +- or 1...Bxf7 2.Qxf7 Sxa2 3.Qxa2+ Kb4 4.Qf7 +-] **2.Qh5!!** [Thematic try 2.Qf5?? Qf1+! (or 2...Sd5+! 3.Sb3 Bxf7 -+) 3.Sc1 Bxf7 -+ with the obstacle on f6] **2...f5!** [2...Qxh5 3.fxg8=Q Qb5 4.Qf8 +- or 2...Qc4 3.fxg8=Q Qxg8 4.Sc1 +- or 2...Sd5+ 3.Sb3 Bxf7 (3...axb3? 4.f8=Q+ +-) 4.Qxf7 axb3 5.Qf8+ Ka4 6.Qa8+ Qa5 7.cxb3+ Kb5 8.Qxa5+ Kxa5 9.h4 +- or 2...Bxf7? 3.Qxb5 +-] **3.Qxf5! Qxf5 4.fxg8=Q Sxc2!** [4...Qb5 5.Qf8 Qc5! 6.Qf7! Sxa2 7.Qxa2+ Kb4 8.Qg8 Kb5 9.Qe8+ Ka5 10.Qa8+ Kb4 11.Qxb7 Ka3 12.Sb3! +- or 4...Qxf3 5.Sc1 Qxf2 6.Qe6 Qd4 7.Sab3 Qd1 8.Qf5! +-] **5.Qd5!!** [Thematic try 5.Qe6? Qb5+! = or 5.Sxc2+? Qxc2+ 6.Kxc2 stalemate] **5...Qg6!** [5...Qxd5 6.Sxc2+ Kb3 7.Sc1+ Kc4 8.Se3+ +-] **6.Qe6!!** [Thematic try 6.Qc6?? bxc6! +- or 6.Qe4? Qxb6+! =] **6...Qd3!** [6...Qxe6 7.Sxc2+ Kb3 8.Sd4+ +-] **7.Qc4!!** [Thematic try 7.Qe2? Qxe2! 8.Sxc2+ Qxc2+! 9.Kxc2 Kxa2 10.h4 a3 11.h5 Ka1 12.h6 a2 13.Kc1 c2 14.h7 stalemate, or thematic try 7.Qd5?? Sd4+! -, or 7.Sc1? Qb5+! 8.Kxc2 Qb2+ 9.Kd3 Qd2+ 10.Kc4 Qxc1 11.Qe1 Qd2 12.Qe7+ Ka2 13.Qxb7 Kxa1 =] **7...Qxc4 8.Sxc2+ Kb3 9.Sc1#** mate with distant self-block

D30

+ (8+7)

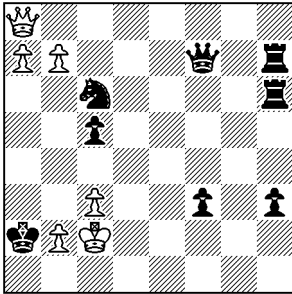
1.Sd5+ Kd3 2.Sb4+ Kc3 3.Sxc2 bxc2 [3...Bf4+ 4.Se3! Bxe3+ 5.Kb1 or 3...b2+ 4.Kb1] **4.Bf6 Bxf6 5.d8=Q!** [5.c8=Q? Bg5+] **5...Bd4** [5...Bg5+ 6.Qxg5] **6.Qh8!** [6.Qf6? Bxf6 7.c8=Q Bg5+] **6...Bxh8 7.c8=Q Bd4 8.Qh8! Bxh8 9.c7 Kb3 10.c8=Q Bb2+ 11.Kd2 c1=Q+ 12.Qxc1 Bxc1+ 13.Kxc1** [13.Kd3? a3 14.e7 a2 15.e8=Q a1=Q 16.Qb5+ Ka3, Ka2 17.d7 Bg5] **13...a3 14.Kb1 a2+ 15.Ka1 +**

D31

+ (7+8)

1.Sg6! [1.Qe4? Sxe5 2.Qxh4 Bxh4 3.Sf5 d3+ 4.exd3 Sxd3 5.Bg7+ f6 6.Sxh4 Sb4+ 7.Kc1 Sd3+ 8.Kc2 = or 1.Sf5? Qf4! 2.e3 d3+ 3.Kb3 Qa4+! 4.Kxa4 Kb1 5.Qxa2+ Kxa2 6.Bb4 Sb6+ 7.Ka5 Sc4+ 8.Ka4 d2 9.Bxd2 Bxd2 10.b6 Sxe5 -+ or 1.Re4? Qh5! 2.Sf5 Qxf5 3.Ba3 Qxb5 -+ or 1.Bg7? d3+ 2.exd3 Qa4+ 3.Kc1 Bc3 4.Re2 Qa3+ 5.Kd1 Bxg7 6.Qxg7+ Kb1 7.Rxa2 Qxa2 =] **1...fxg6** [1...d3+ 2.exd3 Qa4+ 3.Kc1 Bc3 4.Qc2 Qxc2+ 5.Kxc2 Bxe5 6.Sxe5 Sxf8 7.Sf3 Se6 8.d4 b6 9.d5 Sc5 10.Sd2 f5 11.d6 f4 12.d7 Sxd7 13.Sb3+ or 1...Qh7 2.Ba3 +-] **2.Re3!** [2.Ba3? d3+ 3.exd3 Qa4+ 4.Kc1 Qxa3+ +-] **2...dxe3** [2...d3+ 3.exd3 Qa4+ 4.Kc1 Bc3 5.Qc2 Qd4 6.Qd1! Qxe3+ 7.Kc2+ +- or 2...Qh5 3.Qe4! Bc3 4.Bb4 +- or 2...Qf4 3.Rd3! Qc7+ 4.Qc6 +- or 2...Sc5 3.Bg7 +-] **3.Bg7+ Sf6 4.Qg4!** [thematic move] **4...b6 5.Bh8!** [Zugzwang, if 5.Qxh4? Bxh4 6.Kc1 Bg5 7.Kc2 Bh4 = positional draw] **5...Bg3, Bf2** [5...Qxh8 6.Qd4+ +-] **6.Qb4!** [thematic move, if 6.Bg7 Be1 repeats or 6.Kc1? Qh1+ +-] **6...Qxb4 7.Bxf6+ -**
Two thematic sacrifices (4.Qg4 and 6.Qb4). White not only sacrifices his ♖ twice, but also offers each one of his pieces during the main line: 1.Sg6 (without check or capture), 2.Re3 and 5.Bh8 (without check or capture, and uncovered)

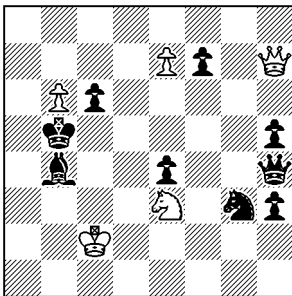
D32



+ (6+8)

1.Qg8 Qxg8 2.a8=Q+, a8=R+ Qxa8 3.bxa8=Q+ Ra7 4.Qg8+ Rf7 5.Qg1 Sb4+ 6.cxb4 ~ 7.Qb1#

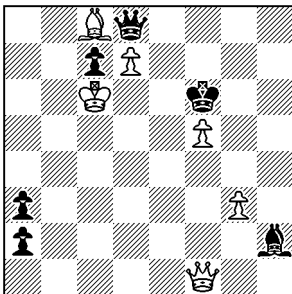
D33



+ (5+9)

1.b7! [1.e8=Q? Qf6! 2.Qhxf7 Qc3+ 3.Kb1 Qe1+! =] **1...Qf4 2.Qh6!** [2.Qh8? Qxe3! 3.b8=Q+ Kc4 =] **2...Qe5 3.Qg5!** [3.Qg7? f6! (3...Qxg7? 4.b8=Q+ Kc5 5.Qa7+ Kb5 6.Sd5! Sf5 7.Qb6+ Kc4 8.Qxc6+ Bc5 9.Sb6+ Kd4 10.Qd5+ Ke3 11.Sc4+ Kf4 12.e8=Q +) 4.Qxf6 Qxf6 = or 3.Qf6? Qxf6 =] **3...f5 4.Qg7! Qxg7 5.b8=Q+ Ka4 6.Qa7+!** [6.Sd5? Qd4! 7.Qa8+ Kb5 8.Sc7+ Kb6! 9.Qb8+ Ka5 10.Qa8+ Kb6 = positional draw, or 6.Qa8+? Kb5 7.Qb7+ Kc5 8.Qa7+ loss of time] **6...Kb5 7.Sd5! Kc4 8.Sb6+!** [8.Qa2+? Kc5 9.e8=Q Se2 10.Sxb4 Sd4+ 11.Kb1 Qg1+ 12.Kb2 Qg2+! 13.Ka3 Sb5+ 14.Ka4 Sc3+ 15.Kb3 Sxa2 16.Qe5+ Kb6 17.Qb8+ Kc5 18.Qe5+ Kb6 = positional draw] **8...Kb5 9.Qa4+! Kc5 10.Sd7+! Kd6 11.e8=S+! Kxd7 12.Sxg7 h2** [12...Bc5 13.Qa5! h2 14.Qd2+ Bd6 15.Qxh2 +] **13.Qa7+ Kc8!** [13...Kd8 14.Qb8+ ++] **14.Se8! Kd8** [14...h1=Q 15.Qc7#] **15.Sf6! h1=Q 16.Qd7#**

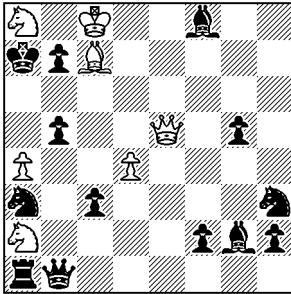
D34



+ (6+6)

1.Qa1+ Kg5 2.Qg7+! [2.Qxa2? Bxg3 3.Qxa3 Be5 4.Qd3 Qf6+ 5.Kb7 Qb6+ 6.Ka8 Qa5+ 7.Ba6 Bf6 = or 2.Qe5? Kg4 3.Qf4+ Kh3 (3...Kh5 4.g4+ Kh4 5.Qxh2+) 4.Qf1+ Kxg3 5.f6 Kh4 6.f7 Bd6 =] **2...Kxf3 3.Qh8!** [Thematic move, if 3.Qf8+? Qxf8 4.d8=Q+ Kg6 5.Qxf8 a1=Q = or 3.Qh7+ Ke5 4.Qh5+ Kd4 5.Qc5+ Ke4 =] **3...a1=Q 4.Qxa1 a2!** [White is clearly winning following black king moves. After 4...Kg6 5.Qe5 Kh6 (5...Kh7 6.Ba6!! is extremely strong) 6.Ba6 a2 (6...Bxg3 7.Qe3+ +- or 6...Qa8+ 7.Kxc7 +) 7.Qe3+ Kg7 8.Qd4+ Kh6 9.Qd2+ Kg7 10.Qb2+ +- or 4...Ke4 5.Qxa3 Qf6+ (5...Kf5 6.Qf8+) 6.Kxc7 Qe5+ 7.Kb7 Qd5+ 8.Kb8 Qe5+ 9.Ka8 +- or 4...Bxg3 5.Qh8! Bh4 6.Qxh4! ++] **5.Qh8!** [thematic move] **5...a1=Q! 6.Qxa1 Bxg3 7.Qh8!** [thematic move] **7...Bh4 8.Qxh4 Qxh4! 9.d8=B+!** [9.d8=Q+ Ke5! 10.Qxh4 stalemate] **9...Ke5 10.Bxh4 +**

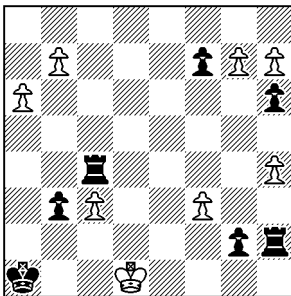
D35



+ (7+13)

1.Bb6+ Ka6 2.a5 [~ 3.Sc7#] **2...Qh7 3.Qe7!** [3.Sc7+? Qxc7+ 4.Qxc7 Re1] **3...Qf5+!** [3...Bxe7 4.Sc7# or 3...Qxe7 4.Sb4+ Qxb4 5.Sc7#] **4.Qd7** [4.Kb8? Qf4+ 5.Sc7+ Qxc7+ 6.Qxc7 Re1] **4...Qf4 5.Qd6! Qf5+** [5...Qxd6 6.Sb4+ Qxb4 7.Sc7# or 5...Bxd6 6.Sc7+ Bxc7 7.Sb4#] **6.Kd8 Be7+!** **7.Qxe7!** [7.Kxe7? Qh7+ ++] **7...Qd5+ 8.Qd7!** [8.Kc8? Qc6+ 9.Sc7+ Qxc7+ 10.Bxc7 (10.Qxc7 Rxa2 -+) 10...Rxa2 11.Qd6+ Bc6 12.Qc5 Sc4 13.Kb8 b6! 14.Bxb6 h1=Q 15.Bc7 b4 =] **8...Qg8+ 9.Qe8 Qd5+ 10.Kc8** +- [10...Qf5+ 11.Kb8 Qf4+ 12.Sc7+ Qxc7+ 13.Kxc7 Rxa2 14.Qa8#]

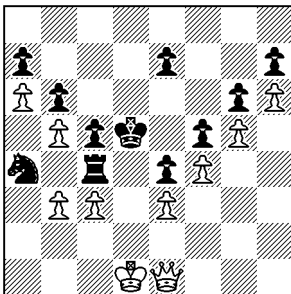
D36



+ (8+7)

1.g8=Q b2 2.b8=Q Rc8! 3.a7! Rd8+ 4.Ke1 Re8+ 5.Kf2 Re2+ 6.Kxe2 g1=Q+ 7.Qxh2 Qxh2+ 8.Ke3 Qe5+ 9.Kf2 Qh2+ [9...Qc5+ 10.Kg2 Qxa7 11.h8=Q b1=Q 12.Qd4 Qaa2+ 13.Qf2 Qxf2+ 14.Kxf2 Qa2+ 15.Kg3 Qe6 16.Qh7 Kb2 17.c4 Kc3 18.c5 Kd4 19.c6 Qxc6 20.Qxf7 ++] **10.Qg2 Qxh4+ 11.Qg3 Qd8!** [11...Qa4 12.h8=Q +-] **12.Qd6!!** [12.Qb8? Qd2+! 13.Kg3 Qg5+ 14.Kh2 Qh5+ 15.Kg1 Qg5+ = or 12.Qg8? Qb6+ 13.Kg2 b1=Q 14.a8=Q+ Kb2 15.Qab8 Q1g1+ =] **12...Qxd6 13.a8=Q+ Kb1 14.Qe4+ Ka2/Kc1 15.Qa4+/Qe1++**

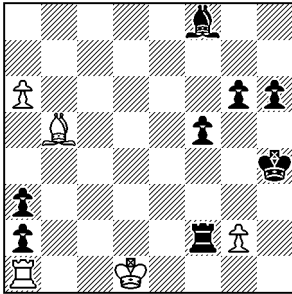
D37



+ ■→ (10+11)

[White wins easily after 1...Sxc3+ 2.Kc2 or 1...Rxc3 2.bxa4]
1...Sb2+! 2.Ke2! [Thematic try 2.Kd2? Sd3 3.bxc4+ (3.Qh1 Ke6 4.Kc2 Kd7 5.Qh5 gxh5 or 3.Qh4 Ke6 4.Qh1 Sf2 5.Qh2 Sd3) 3...Ke6 4.Qh1 (Zugzwang?) 4...Sf2! 5.Qh2 Sd3 6.Kd1 (Zugzwang?) 6...Kd7! 7.Qh5 gxh5 8.g6 h4 9.g7 h3 10.g8=Q h2 11.Qg2? h1=Q+ 12.Qxh1 Sf2+ or thematic try 2.Kc2? Sd3 3.Qh1 (3.bxc4+ Ke6,Kd6 4.Qh1 Kd7!) 3...Ke6! 4.bxc4 (Zugzwang?) 4...Kd7! (but not 4...Sf2? 5.Qh2 Sd3 6.Kb1 Kd7 (6...Kf7 7.Qa2 Ke8 8.Qa5) 7.Qh5) 5.Qh5 gxh5 6.g6 h4 7.g7 h3 8.g8=Q h2 9.Qg2? Se1+] **2...Sd3! 3.bxc4+** [3.Qh1 Rxc3] 3...Kd6! [3...Ke6 4.Qh1] **4.Qh4!!** [Thematic try 4.Qh1? Ke6! (mutual Zugzwang) 5.Qa1 Kd7 6.Qa5 Kc7 7.Qa1 Kd7 8.Qh1 Ke8! 9.Qh5 Kf7 = positional draw] **4...Ke6 5.Qh1!** [mutual Zugzwang] and now:
 a) **5...Kf7 6.Qa1 Ke8 7.Qa5!** [thematic move] +-
 b) **5...Kd7 6.Qh5!** [thematic move] **6...gxh5 7.g6 h4 8.g7! h3 9.g8=Q h2 10.Qg2** +-

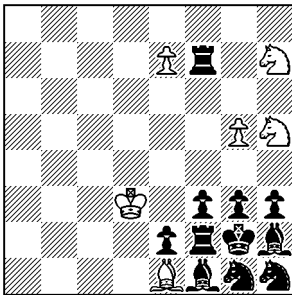
D38



+ (5+8)

1.a7 Bg7 2.Rxa2 Rxa2 3.a8=Q Ra1+ 4.Ke2! [4.Kc2? a2 5.Qa4+ (5.Qd8+ g5 6.Kb3 Rb1+ 7.Kxa2 Rxb5 8.Qc7 Rb2+ 9.Ka3 Rxc2 10.Qxc7 h5 = or 5.Qb8 Re1! 6.Qf4+ Kh5 7.Bc6 Rf1 8.Bf3+ Rxf3 9.Qxf3+ Kg5 =) 5...Kg5 6.g3 Rc1+ 7.Kd2 Bc3+ 8.Ke3 (8.Ke2 Rh1 9.Qf4+ Kf6 =) 8...Bd4+! 9.Qxd4 h5 =] **4...a2 5.Kf3!** [5.Qa4+ Kh5 6.g3 Rh1 =] **5...Rf1+** [5...Be5 6.g3+ Kh3 (6...Bxg3 7.Qh8 +) 7.Qa6! Rg1 8.Bf1+ Kh2 9.Qxa2+ +-] **6.Bxf1 a1=Q 7.g3+ Kh5** [7...Kg5 8.Qd8+ Qf6 9.Qd2+ f4 10.gxf4+ Kh5 11.Qe2! g5 (11...Qc3+ 12.Ke4+ Kh4 13.Qh2+ Kg4 14.Be2+ Qf3+ 15.Bxf3#) 12.Kg3+ Kg6 13.Qe8+ Qf7 14.Bd3+ Kf6 15.Qe5#] **8.Be2 Qe5** [8...Qd4 9.Qd8 +- or 8...Qxa8+ 9.Kf4+ Qf3+ 10.Bxf3#] **9.Qd5!** [9.Qa1? Qxe2+ or 9.Qa5? g5] **9...Qc7** [9...g5 10.Qf7# or 9...Bf6 10.Qc4! f4 11.gxf4 Qc3+ 12.Qxc3 Bxc3 13.Kg3# or 9...Kg5 10.Qd8++] **10.Qd8!** [10.Qb7,Qc6,Qc5? Be5] **10...Qxd8 11.Kf4#**

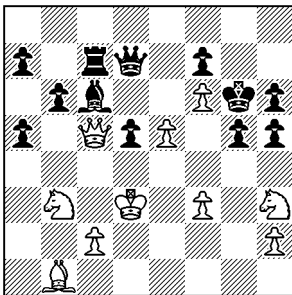
D39



+ (6+11)

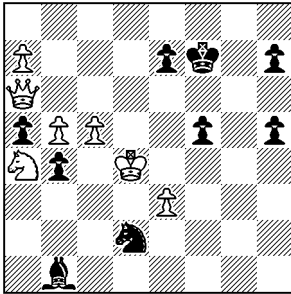
1.Sf8! [1.e8=Q? Rd7+ = or 1.S7f6? Rxf6 2.e8=Q Rd6+ = or 1.g6? Rf5 2.Sg5 Rd5+ = or 1.Kc2? Rf6!] **1...Rxf8** [1...Rf5 2.Kc3 or 1...Rf6 2.Se6!] **2.e8=Q!** [2.exf8=Q? stalemate, or 2.e8=S? Rf6! 3.Kc3 Rc6+ 4.Kb3 Rb6+ 5.Ka4 Ra6+ =] **2...Rf7 3.Qe7!** [3.Qc6? Rd7+! 4.Kc4 Rd4+! =] **3...Rf6 4.Qe6!** [4.Kc2? Rc6+ 5.Kb3 Rc4!! = (5...Rb6+ 6.Bb4 +- or 5...Rc3+ 6.Bxc3 or 5...Rf6 6.g6)] **4...Rf5 5.Qe5! Rf8 6.Qd4 Rf5 7.Kc3** [minor duals 7.Kc2,Kc4] **7...Rc5+ 8.Kb3!** [8.Kb4? Rc4+! =] **8...Rb5+** [8...Rc3+ 9.Bxc3 e1=Q 10.Sf4#] **9.Ka4!** [9.Bb4? Rf5 10.Be1 Rb5+ or 9.Qb4? Rf5 10.Qg4 Rf6 (10...Rf8 11.g6 Rb8+ 12.Bb4 Rf8 13.Bxf8 e1=Q 14.Sf4# or 10...Rb5+ 11.Bb4 Rf5 (11...Rxb4+ 12.Qxb4 e1=Q 13.Sf4#) 12.Qxf5) 11.g6 Rb6+ (11...Rf5 12.Qg5 Rb5+ 13.Ka4) 12.Qb4 Rf6 13.Qh4 Rb6+ 14.Bb4 Rf6 15.Qxf6 e1=Q 16.Sf4# This variation leads to the same position as the main line, but is longer] **9...Rf5** [9...Ra5+ 10.Bxa5 e1=Q 11.Sf4#] **10.Qd8!** [10.Qg4? Rf8 11.Qc8 Rf7 12.Qd8 Rf5 13.Ka3 Rf7 14.g6 Rf5 15.Qg5 +- is longer] **10...Rf7 11.g6 Rf5** [11...Ra7+ 12.Ba5 Rxa5+ 13.Qxa5 e1=Q 14.Sf4#] **12.Qg5! Rf8 13.g7 Rf5 14.g8=S!** +-

D40



+ (10+12)

1.Sf4+! gxf4 [1...Kf5 2.Qe3 gxf4 3.Sd4+ Kg5 4.h4+ Kxh4 5.Qxf4+ Kh3 6.Sf5 +-] **2.Qg1+ Kf5 3.Qe1! Bb5+ 4.c4!** [4.Kd2? Rc4! 5.c3+ Ke6 6.Sd4+ Rxd4+ 7.cxd4 Qe8 8.Qh4 Kd7 9.Bf5+ Kc6] **4...Rxc4** [4...dxc4+ 5.Kc3+ Qd3+ 6.Bxd3+ cxd3+ 7.Kd2 Rc2+ 8.Kd1 Rc4 9.e6 +-] **5.Sd4+ Rxd4+ 6.Kxd4+ Bd3** [6...Ke6 7.Qh4 Bf1 8.Bf5+ Kxf5 9.Qxh5+ Ke6 10.Qg4#] **7.Bxd3+ Ke6 8.Qb4!** [thematic move] **8...axb4** [8...Qc7 9.Qe7+! Qxe7 10.Bf5+ Kxf5 11.fxe7 +-] **9.Bf1! Kf5 10.Bh3+ Kg5 11.Bxd7** +-

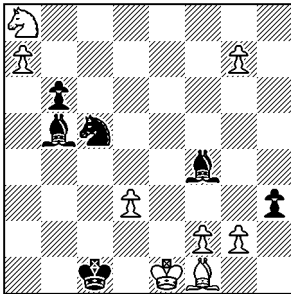
D41

+ ■→

(7+9)

Black counterplay, perpetual check, switchbacks, model mates, Zugzwang

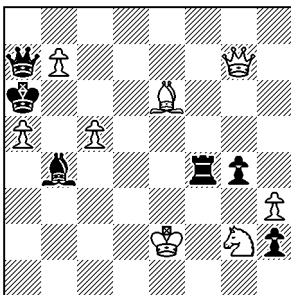
1...Sf3+ 2.Kc4! [2.Kd5? Be4+ 3.Kc4 Sd2+ 4.Kd4 Sf3+ 5.Kc4 Sd2+ = perpetual check] **2...Sd2+** [switchback] **3.Kd5 Be4+ 4.Ke5 Sf3+** [switchback] **5.Kf4 h4! 6.Qb7!!** [6.Qd6? exd6 7.c6 Se5! 8.Kg5 (8.a8=Q h6 9.Qb7+ Kf6 -) 8...h3 9.a8=Q h2 10.Qa7+ Ke6 11.c7 Sf7+ 12.Kf4 h1=Q 13.c8=Q+ Kf6 14.Qd4+ Ke7 15.Qa7+ Kf6 = or 6.a8=Q?? e5# model] **6...Bxb7 7.c6 Ba8 8.Kxf3** [8.c7? Be4! 9.c8=Q e5# model] **8...b3!** [8...e5 9.Kf2 h3 10.Kg1 Ke7 11.c7 Kd7 12.b6 f4 13.exf4 exf4 14.Sc5+ Kc8 15.b7+ Bxb7 16.Sxb7 Kxb7 17.a8=Q+ +] **9.Kf2** [9.Kg2? Ke6 10.Kh3 Kd6 11.Kxh4 h6 12.Kh5 e5 13.Sb6 b2 14.Sc4+ (14.Sxa8 b1=Q 15.Sb6 Qg1 =) 14...Kc7 15.Sxb2 Kb6 16.Sc4+ Kxa7 =] **9...Ke6** [9...h3 10.Kg3 Ke8 (10...Ke6 11.b6 +) 11.Kh2 b2 12.Sxb2 Kd8 13.Sa4 Kc7 14.Kxh3 e5 15.Kh4 h6 16.Kg3 h5 17.Kg2 + Zugzwang] **10.b6!** [10.Sb6? b2! 11.c7 Bb7 12.a8=Q b1=Q 13.c8=Q+ Bxc8 14.Qxc8+ Kf7 15.Qc4+ e6 16.Sa4 h3 17.Qc7+ Ke8 18.Qb8+ Ke7 = or 10.Sc5+? Kd6 11.Sxb3 a4 12.Sa5 Kc7 13.Sc4 a3 14.Sxa3 Kb6 =] **10...b2** [10...Bxc6 11.Sc5+ Kf6 (11...Kd6 12.b7 Kxc5 13.b8=Q +) 12.Sxb3 a4 13.Sa5 +] **11.Sxb2** [11.c7? b1=Q 12.c8=Q+ Kf6 13.Qf8+ Kg6 14.Sc3 Qh1! =] **11...Bxc6 12.Sc4! a4** [12...Kd5 13.Sxa5 +] **13.Sa5 +**

D42

+

(8+6)

1.g8=Q! [1.Sc7? hxg2 (1...h2? 2.Sxb5) 2.g8=Q (2.a8=Q? Bd2+ 3.Ke2 g1=S+) 2...Bd2+ 3.Ke2 Bxd3+ 4.Kf3 gxf1=Q 5.a8=Q Qe2+ 6.Kg3 (6.Kg2 Be4+)6...Se4+] **1...h2** [1...Sxd3+ 2.Bxd3 Bxd3 3.Qc8+] **2.Qh8!** [2.Qh7? Bd2+ 3.Ke2 Bxd3+ 4.Qxd3 Sxd3 5.Sxb6 Sf4+ 6.Kf3 h1=Q 7.a8=Q Qh5+ 8.g4 (8.Ke4 Qg6+ 9.Kf3 Qxb6) 8...Qh1+ 9.Kg3 Qg1+ 10.Bg2 Se2+ 11.Kf3 Sd4+ 12.Kg3 Se2+ or 2.Sc7? Bd2+ 3.Ke2 Bxd3+ 4.Kf3 Be4+ 5.Ke2 Bd3+ 6.Kf3 Be4+ 7.Kg3 h1=Q 8.a8=Q Bxa8 9.Qxa8 Qh5] **2...h1=Q** [2...Bd2+ 3.Ke2 Bxd3+ 4.Kf3 Be4+ 5.Kg3] **3.Qxh1** [3.Qa1+ Kc2 4.Qa2+ Kc1] **3...Sxd3+ 4.Bxd3 Bxd3 5.Qh6!!** [5.f3 Bg3#] **5...Bxh6 6.f3** [6.f4 Bxf4] **6...Ba6** [6...Bf4 7.Kf2] **7.Sxb6** [7.Sc7? Bb7 8.Ke2 (8.a8=Q Bxa8 9.Sxa8 b5) 8...Bf4 9.Se6 Bg3 10.f4 Bxg2 11.f5 Bh4 12.Ke3 Bc6 13.Kd3 Be7 14.Sf4 b5 or 7.Kf2? b5 8.Sc7 Bb7 9.Sxb5 Kd2 10.Kg3 Ke3 11.Kh3 Bg5 12.Sd6 Bc6 13.Sc4+ Kf4 14.Sb6 Be7 15.a8=Q Bxa8 16.Sxa8 Bd8] **7...Bf4 8.Kf2 +**

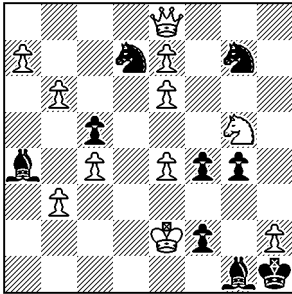
D43

+

(8+6)

1.Bc8! Rf2+! [1...Re4+ 2.Kd3 or 1...Kxa5 2.Qa1+ or 1...Kb5 2.Bd7+ Ka6 3.Qh6+ Kxa5 4.Qc6 Re4+ 5.Kd3 Rd4+ 6.Kxd4 Qxc5+ (6...Bxc5+ 7.Kc4) 7.Qxc5+ Bxc5+ 8.Kxc5 h1=Q 9.b8=Q Qg1+ 10.Kc4! Qf1+ 11.Kd4 Qd1+ 12.Ke5 Qxd7 13.h4 or 1...Qb8 2.Qc7! (2.Qg6+? Kxa5 3.Qb6+ Ka4 4.Qa6+ Ba5 5.Bd7+ Kb3 6.Qb5+ Bb4) 2...Ka7 3.Qb6#] **2.Kxf2** [2.Kd3 Rd2+ 3.Ke4 Re2+ 4.Kd3 Rd2+ =] **2...Bxc5+!** [2...Qxc5+? 3.Kg3! Qd6+ 4.Sf4 Kxa5 (4...Ka7 5.b8=Q+ or 4...h1=S+ 5.Kxg4 Sf2+ 6.Kh5) 5.Qa1+ or 3...h1=S+ 4.Kxg4 (4.Kh4 Qf2+ 5.Kg5 Qc5+) 4...Sf2+ 5.Kf3 Qd5+ 6.Kxf2 Qd2+ 7.Kf3 Qd5+ 8.Kg3 Bd6+ 9.Sf4] **3.Se3!** [3.Ke2? Qb8 4.Qc7 h1=Q (4...Ba7? 5.Qxh2) 5.Qxb8 Qxg2+ =] **3...Bxe3+** [3...Qb8 4.Kg2 (or 4.Qh6+ Kxa5 5.Kg2) 4...Bxe3 5.hxg4] **4.Kg2** [4.Kg3? Qb8+ 5.Kg2 gxh3+ 6.Kh1 Bg1 =] **4...gxh3+** [4...Qb8? 5.hxg4 Bg1 6.Qc7 Ka7 7.Qxb8+ Kxb8 8.g5] **5.Kh1!** [5.Kxh2 Bf4+ 6.Kh1 Bb8! =] **5...Qb8 6.Qg3!** [thematic move, thematic tries 6.Qe5? Ba7 (mutual Zugzwang) 7.Qc3 Bg1! 8.Qc7 Ka7! = or 6.Qc7? Ka7! =] **6...Ba7 7.Qe5!** +- [thematic move, Zugzwang] [7.Qxh3 Kxa5 8.Qc3+ Kb6 9.Qc4 Qe5 10.Qa6+ Kc7 11.Qxa7 Qe1+ = with perpetual check]

D44

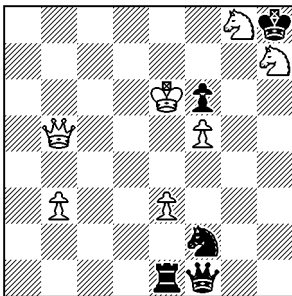


+ (11+9)

1.Sh3 g×h3 2.a8=Q [2.Qf7? B×b3 3.Q×f4 B×c4+ 4.Kd2 S×b6 5.Qf3+ K×h2 6.Qf4+ Kh1 =] **2...f3+ 3.Kf1 Bxb3** [3...S×e8 4.exd7 Bxb3 5.Qa4! (5.Qd5? Sf6 6.Qd3 Bxc4 7.Q×c4 Sg4! -) 5...Bxa4 6.d8=Q Sf6 7.Qd3 +-] **4.Qa4! Bxa4 5.Q×d7 Bxd7 6.exd7 Sh5 7.d8=Q** [7.e8=Q? Sg3+ 8.h×g3 h2 =] **7...Sg3+ 8.h×g3 h2 9.Qd4 cxd4 10.e8=Q** +-

Sacrifices against mate and stalemate

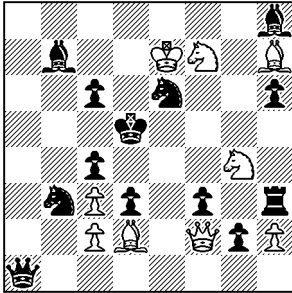
D45



+ (7+5)

[The basic theme is stalemate avoidance. White is down on material, so must create immediate threats] **1.Qb8** [The threat is mate in two. If 1.Q×f1? R×f1 2.Sg×f6 Rb1 3.Sg5 R×b3 4.e4 S×e4 5.Sf×e4 Rb6+ =] **1...Rxe3+ 2.Kf7 Rxb3!** [The only defence, sacrificing a ♖ to deflect the ♕ from the eighth rank] **3.Q×b3 Sg4!** [3...K×h7 4.S×f6+ mates next move, but after the ♜ move White has some problems because both the ♖f5 and the ♘h7 are under attack] **4.Sh×f6!** [4.Qe6? Q×f5! 5.Q×f5 Sh6+ 6.S×h6 stalemate, or 4.Sf8 Sh6+! 5.S×h6 (5.Ke8 S×g8 6.Sg6+ Kh7 7.Se7 Sh6 8.Qg3 Qb5+ 9.Kf8 Sg4! 10.Q×g4 Qb8+ 11.Kf7 Qb3+ 12.K×f6 Qb6+ = EGTB) 5...Qc4+! are the first of many stalemates which White must avoid] **4...Sh6+!** [4...Q×f5 5.Qh3+ mates at once and 4...Se5+ 5.Ke8 Q×f5 6.Se7! forces mate in a few moves] **5.Kf8!** [Avoiding the stalemate 5.S×h6 Qc4+! 6.Kf8 Qxb3 7.Sf7+ Q×f7+ 8.K×f7] **5...Q×f5 6.S×h6** [6.Qb2? Sg4 =] **6...Qe6!** [6...Qc8+ 7.Ke7! Qc5+ 8.Ke6 Qc6+ 9.Kf5 Qc5+ 10.Kf4 Qc1+ 11.Ke4 leads to an eventual win on material] [The key position (see alongside). 7.Q×e6? and 7.Sf7+? Q×f7 draw at once, so where should the ♕ move to?] **7.Qe3!!** [The thematic move. At first it's hard to see why this is the only move to win. Several ♕ moves fail because they allow an immediate fork by the ♖; for example, 7.Qd1? Qd6+! Many moves fail because it's desirable for the ♕ to defend the ♘h6: 7.Qb5? Qd6+! 8.Kf7 Qf8+ 9.Ke6 (9.Kg6 Q×h6+) 9...Qc8+! 10.Ke5 Qc3+ 11.Kf5 Qf3+ 12.Kg5 Qe3+ (the key check) 13.Kg6 Q×h6+ =. 7.Qf3? is similar 7...Qd6+ 8.Kf7 Qf8+ 9.Ke6 Qc8+ 10.Ke5 Qc7+ 11.Kf5 Qc8+ 12.Kg5 Qc1+ 13.Kh5 Q×h6+. 7.Qb2? is a good try because if Black starts checking, White will be able to interpose with check at some point. It fails for the surprising reason that after 7...Qb3! the ♕ is dominated on the long diagonal: 8.Qd4 Qb4+! or 8.Qe5? Qb8+! or 8.Qa1 Qa3+! Finally, there are two thematic tries: 7.Qh3? (defending h6) and 7.Qb6? (stopping a check on c7) would both win, except that each one allows Black a check by moving along the ♕'s line of attack: 7.Qh3? Qc8+! and 7.Qb6? Qd6+! If then the ♘ moves to f7 Black can safely take the ♕. The move to e3 wins precisely because the "collinear" checks on e7 and e8 allow White to take the ♕ with his ♘, relieving the stalemate] **7...Qb3** [The best try, again attacking the ♕ while still covering the mate on f7. After 7...Qd6+ (7...Qc8+ 8.Se8 wins at once) 8.Kf7! Qc7+ (8...Qe5 9.Qa3 Qc7+ 10.Ke6! Qc8+ 11.Ke5 wins as there is no check on c3, and after 11...Qc7+ 12.Kf5 Qc2+ 13.Se4 the stalemates have gone and White wins on material) 9.Ke6 Qc8+ 10.Ke5 Qc7+ 11.Kf5 Qc2+ 12.Se4 is similar] **8.Qe8!** +- [White mates in a few moves]

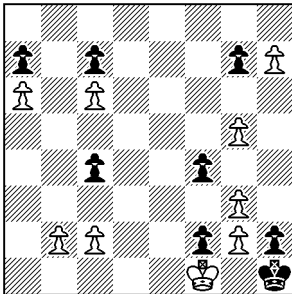
D46



+ (9+13)

1.Be4+ Kxe4 2.Qc5! Sbx5,Sexc5 [2...f2 3.Sd6+ Kf3 4.Qxf2+ Kxg4 5.Qxg2+ Kh4 6.Sf5+ Kh5 7.Qxh3+ Kg6 8.Qxh6+ Kxf5 9.Qxe6# or 2...Sxd2 3.Sd6+ Kf4 4.Qf5#] **3.Sd6+ Kd5 4.Se3+ Ke5 5.Sexc4+ Kd5 6.Se3+ Ke5 7.Sg4+ Kd5 8.c4+ Kd4 9.c3+ Qxc3 10.Be3#**

D47

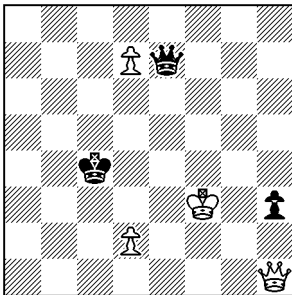


+ ■→ (9+8)

1...c3! 2.h8=Q [2.h8=R? fxg3! 3.Rb8 g6 = or 2.bxc3? f3 3.gxf3 g6 =] **2...cxb2** [2...fxg3 3.Qh5 (thematic try 3.bxc3? g6 4.Qh5 gxh5 5.g6 h4 6.g7 h3 7.gxh3 g2+ 8.Kxf2 g1=Q+ +-) 3...g6,cxb2 4.Qd1! +- or 2...f3 3.gxf3 cxb2 4.Qb8 g6 5.Kxf2 b1=Q 6.Qxb1#] **3.Qb8 fxg3** [3...g6 4.Kxf2 +-] **4.Qxb2 g6 5.Qb6!!** [Thematic move] and now two main variations:
 a) **5...axb6 6.a7 b5 7.a8=Q!** [7.a8=S? b4 8.Sb6 (8.Sxc7 b3 9.cxb3 stalemate) 8...b3 9.cxb3 cxb6 10.c7 b5 11.c8=Q b4 = (12.Qc3? bxc3 +- or 12.Qf5? gxf5 +-)] **7...b4 8.Qa1!** [8.Qa2? b3 9.Qb1 (9.Qa1 b2! =) 9...bxc2! =] **8...b3 9.Ke2+ Kxg2** [9...f1=Q+ 10.Qxf1#] **10.Qf1#**
 b) **5...cxb6 6.c7 b5 7.c8=S!** [7.c8=Q? b4 =] **7...b4 8.Sd6 b3 9.Se4 bxc2 10.Sxg3#**

Black aims at stalemate. White manages to avoid that with fine introductory play and a thematic sacrifice played at the right moment. The black captures yield two different main variations, both ending with mates by two distinct promotions. Thematic tries and Phoenix theme.

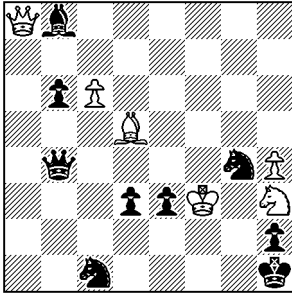
D48



+ (4+3)

1.Qf1+! [1.Qc1+? Kb5 2.Qc7 h2 3.Kg2 Qe2+ 4.Kh1 Qe1+ 5.Kxh2 Qxd2+ = White should first capture the black pawn, but it's wrong to do it right away: 1.Qxh3? Qf6+! 2.Ke2 Qe5+ 3.Kd1 (3.Qe3 Qh5+! =) 3...Qa1+ 4.Kc2 Qa2+! (4...Qa4+ 5.Kb2 Qb4+ 6.Kc1 +-) 5.Kc1 Qa1+ 6.Kc2 Qa2+ = with perpetual check] **1...Kc5!** [Getting closer to the advanced pawn or else it's rather easy for White, 1...Kd4 2.Qa1+ Kc4 3.Qa6+ +- or 1...Kb4 2.Qd3 Qd8 3.Qd5 +-] **2.Qxh3** [2.Qd3 Qd8 3.Qf5+ Kc6 4.Qxh3 Qf6+ =] **2...Kb6!** [The natural 2...Kc6 enables the not yet thematic 3.Qe6+ Qxe6 4.d8=S+, if 2...Qf6+ 3.Ke2 Qe5+ 4.Qe3+ +- or 2...Qd6 3.Qf5+ Kb6 4.Ke3! Kc6 5.Qe4+ Kxd7 6.Qd4 +] **3.Qh6+!** [A tough one to find! 3.Qf5? Qa3+! 4.Kg2 (4.Kf2 Kc7) 4...Qd6 =] **3...Kb7!** [3...Kc7 allows exchange of queens 4.Qf4+! Kxd7 5.Qa4+! Kd8 6.Qa8+ Kc7 7.Qa7+ Kd8 8.Qxe7+ +-] **4.Qe6!!** [thematic move] **4...Qf8+** [4...Qxe6 5.d8=S+ +- or 4...Qa3+ 5.Ke2!] **5.Ke2! Kc7 6.Qe8 +**

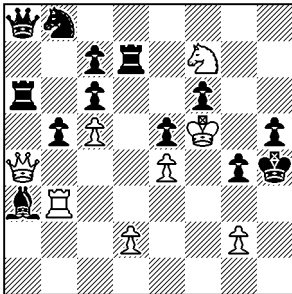
D49



+ (6+9)

1.c7 [1.Qa3? d2 2.Qd3 Qc4 or 1.Qxb8? Qd4 2.Qd6 Se2 3.c7 Se5+]
1...Bxc7 2.Qa3! d2 3.Qd3! [3.Qxb4? d1=Q+ 4.Ke4 Qd3+] **3...Qc4 4.Ba8**
 [4.Bxc4? Sxd3 or 4.Qxc4? d1=Q+ 5.Ke4 Sf6+ or 4.Bb7? b5 5.h5 b4 6.h6 b3
 7.h7 b2 8.h8=Q b1=Q] **4...b5 5.h5 b4 6.h6 b3 7.h7 b2** [7...Be5 8.h8=Q]
8.h8=Q b1=Q 9.Qhd4! Qba2 [9...Qbx3 10.Kxg4+ or 9...Qxd4 10.Qf1#
 or 9...Qb8 10.Bd5,Be4] **10.Be4+**

D50



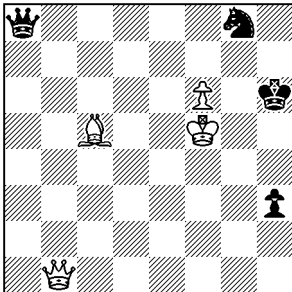
+ (8+13)

1.Qd4! [2.Qf2+,Rh3+]
 1...Rxd4 2.Sh8! (2.Sh6?) Rd3 3.Rxd3 [4.Sg6#]
 1...exd4 2.Kf4! [3.Rh3+ gxh3 4.g3#] 2...d3 3.Sh6! [4.Sf5#] (3.Sh8? Rg7!)
 3...Rd5 4.Rxd3 (4.exd5? Ra4+!) 4...Rg5 5.Rh3+ gxh3 6.g3+ Rxc3 7.Sf5#
 1...Bxc5 2.Qc3! [3.Qg3#] (2.Qxc5? Qa7!) 2...Rd3 3.Qxd3 Be3 4.Qxe3
 [5.Qg3#]

3...Bf2 4.Qh3+ gxh3 5.Rxh3#

♔ sacrifice, quiet ♘ moves with dual avoidance
 Quiet white continuations

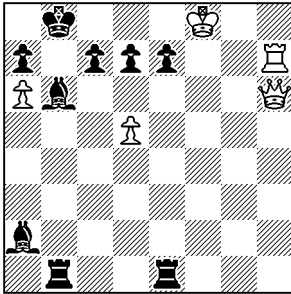
D51



+ (4+4)

1.Be3+ Kh7 2.Bd4! [2.Kf4+ Kh8 3.f7 (3.Qg6 Qb8+! 4.Kg4 Qb4+ 5.Kxh3
 (5.Bf4 Sxf6+= or 5.Kh5 Qb5+=) 5...Sxf6=) or 3.Qf5 Qb8+ 4.Kg4 Qb4+
 5.Kg5 Sxf6=) 3...Kg7! 4.Bc5 Se7! 5.Bxe7 Kxf7=] **2...Qd5+** [2...Sxf6
 3.Kxf6+ Kg8 4.Qg6+ Kf8 5.Bc5# or 2...Kh6 3.Qc1+ Kh7 4.Qc7+ +- or
 2...Qg2 3.Ke6+ +-] **3.Be5 Qf7** [3...Qg2 4.Ke6+ Kh6 5.Bf4+ Kh5 6.Qf5+ Kh4
 7.Bg5+ Qxg5 8.Qxg5+ Kxg5 9.f7 +-] **4.Kg5+ Kh8 5.Qb7!** [5.Qb3? Qxb3
 6.f7+ Sf6 7.f8=Q+ Qg8+! or 5.Qb8 Kh7 6.Qb1+ Kh8] **5...Qxb7 6.f7+ Kh7**
 [6...Sf6 7.f8=Q+ Kh7 8.Qh6+ Kg8 9.Qxf6 Qg2+ 10.Kh6 Qd2+ 11.Bf4 Qd7
 12.Qg6+ Kf8 13.Bd6+ +-] **7.f8=S#**

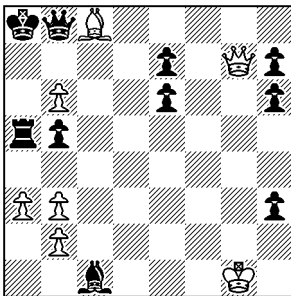
D52



+ (5+9)

1.Ke8! [1.Rh8? c6! 2.Ke8 Kc7 3.Qh2+ d6 = (3...e5? 4.dxe6 e.p.+!) or 1.Qg6? c6! 2.Rxe7 Rxe7 3.Kxe7 Bc5+ 4.Kxd7 Rb7+ 5.axb7 Bxd5 6.Qb1 Bb6 =]
1...Bxd5 [1...Rh1 2.Qf8! Rbf1 3.Rf7 Rxf7 4.Kxf7#] **2.Rh8!** [2.Qf8? Kc8!! +- (2...Rf1? 3.Qh8! Rg1 4.Rf7! Bxf7+ 5.Kxf7+ Rg8 6.Qxg8# or 2...c5? 3.Kxd7+ Bd8 4.Qxd8#) or 2.Kxd7? Be6+! (2...Bc6+? 3.Qxc6 Rbd1+ 4.Ke8 +-)
3.Qxe6 Rbd1+ +-] 2...Rbd1! [2...Kc8 3.Qh3 Be6 4.Qxe6 dxe6 5.Kxe7#]
3.Rf8! [3.Qd6? Rh1! (3...exd6+ 4.Kxd7+ Bg8 5.Rxg8+ Re8 6.Rxe8# or 3...cxd6? 4.Kxd7+ Bd8 5.Rxd8#) 4.Rf8 Rhf1 5.Rh8 Rh1 =, if 3.Kxd7+? Bg8+ +-] **3...Ba2** [3...Bc4 4.Qh1! Bxa6 (4...c6 5.Qxe1 Rxe1 6.Kxd7+ Bd8 7.Rxd8# or 4...Rxh1 5.Kxe7#) 5.Kf7+ Bc8 6.Rxc8+ Kxc8 7.Qa8#] **4.Qh1!** [4.Qe6? Rf1! (4...Rxe6 5.Kf7# or 4...Bxe6 5.Kxe7# Novotny) 5.Rh8 Rh1 =, if 4.Qh2? Kc8! 5.Qxa2 c6 =] **4...c6 5.Qxe1 Rxe1 6.Kxd7+ Bd8 7.Rxd8#**

D53

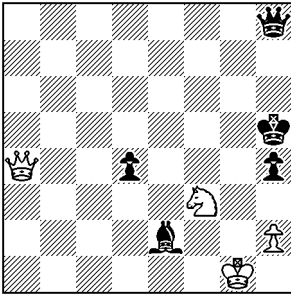


+ (7+10)

1.b7+ Ka7 [1...Qxb7 2.Bxb7+ Kxb7 3.Qxe7+ Kc8 4.Qxe6+ Kb7 5.Qd7+ Kb6 6.Qd8+ Ka6 7.Qc8+ Kb6 8.Qxc1] **2.Qd4+ Ka6 3.Qe5!** [thematic move, if 3.Kh1? b4 freeing the rook, or 3.b4? for example 3...Qg3+ 4.Kf1 Qg2+ 5.Ke1 Qd2+] **3...Ka7!** [3...Be3+? is shorter 4.Kh1! Ba7 5.b4 Ra4 6.Qc7 main line] **4.Qc5+ Ka6 5.Qc7!** [thematic move, 5.Qc6+ Ka7 loses time or 5.Kh1? Bf4 6.b4 Ra4 7.Qc6+ Ka7 8.Qxb5 Ra6 9.Qc5+ Rb6 10.Qa5+ Ra6 11.Qc5+ Rb6] **5...Be3+ 6.Kh1!** [6.Kf1? Bf4!] **6...Ba7!** [6...Bf4? 7.Qxf4!]
7.b4 [7.Qe5 b4] **7...Ra4 8.Qe5** [thematic move] **8...Kb6 9.Qc5+ Ka6 10.Qc7** [thematic move] **10...h5 11.Qe5** [thematic move] **11...Kb6 12.Qc5+ Ka6 13.Qc7** [thematic move] **13...h4 14.Qe5** [thematic move] **14...Kb6** [14...Ra5? 15.Qxe6+ Bb6 16.bxa5 Kxa5 17.b4+ Ka6 (17...Ka4 18.Qxb6) 18.a4 Ka7 (18...bxa4 19.Qc6) 19.axb5] **15.Qc5+ Ka6 16.Qc7** [thematic move] **16...h6 17.Qe5** [thematic move] **17...Kb6 18.Qc5+ Ka6 19.Qc7** [thematic move] **19...h5 20.Qe5** [thematic move] **20...Kb6 21.Qc5+ Ka6 22.Qc7** [thematic move] **22...h2 23.Kg2!** [23.Qe5 Kb6 24.Qc5+ Ka6 25.Qc7 h3 26.Qe5 Kb6 27.Qc5+ Ka6 28.Qc7 h4 29.Qe5 leads to the main line considerably longer] **23...h3+ 24.Kh1! h4 25.Qe5** [thematic move] **25...Kb6 26.Qc5+ Ka6 27.Qc7** [thematic move] **27...e5 28.Qxe5 Kb6 29.Qc5+ Ka6 30.Qc7** [thematic move] +- [e.g. 30...e6 31.Qd6+ Qxd6 32.b8=Q# or 30...Qxc7 31.b8=Q+ Qxc8 32.Qxc8+ Kb6 33.Kxh2]

[29.Qxe7? is probably insufficient to win: 29...Kc6! 30.Qd7+ Kb6 31.Qe6+ Kc7 and now
 32.Qxh3 Bg1! 33.Qe6 Qxb7+! 34.Bxb7 Kxb7 = e.g. 35.Qe4+ Kb6 36.Qxh4 Ra7 37.Qf6+ Kb7 38.Qd6 Ra6 39.Qd7+ Kb6 40.Qd1 Ra7 41.Qc1 Rc7 42.Qh6+ Ka7 43.b3 Rb7 44.Qd2 Rg7 45.a4 Rb7 46.Qd5 Rb8 or 32.Qf6? (Zugzwang) 32...Ra6! 33.Qxa6 Kd8 34.Qe6 (34.Qxb5 Qd6 35.Bg4 Bb8 36.Qg5+ Ke8 37.Qh5+ Kd8) 34...Qc7 35.Qg8+ Ke7 36.Qg7+ Kd6 37.Qf6+ Kd5 38.Qf3+ Ke5! 39.Qf5+ Kd4 40.Qf2+ Kd5 41.Qd2+ Ke4 42.Bxh3 Qg3 43.Bg2+ Kf5 44.Qd7+ Kf6 45.Qe8 Qd3]

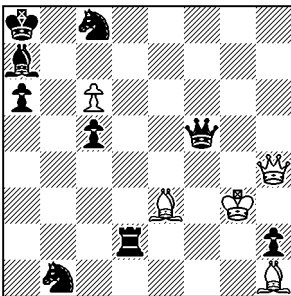
D54



+ (4+5)

1.Qa5+ Kg4 [1...Kg6 2.Qg5+ Kf7 3.Qd5+ Ke7 4.Qe4+ K~ 5.Qxe2 +-]
2.Se5+ Kh3 [2...Kf5 3.Sf7+ or 2...Kf4 3.Sg6+] **3.Qd5! Qg7+ 4.Kh1 Qg5**
 [4...d3 5.Qe6+! (5.Qe4? d2! 6.Qe3+ Qg3 +-) 5...Bg4 6.Qc6 Be2 7.Qc8+ Bg4
 8.Qa8! Be2 9.Sxd3! +-] **5.Qc6!** [5.Qe6+? Bg4 6.Sd3 Qc1+ =] **5...Bh5** [5...d3
 6.Qd7+! Bg4 7.Qxd3+ +- or 5...Bd1 6.Qe4,Sd3 +-] **6.Sd3 Qd2! 7.Qe6+**
Bg4 8.Qe2!! Qc1+ [8...Bxe2/Qxe2 9.Sf2/Sf4#] **9.Sxc1 Bxe2 10.Sxe2 +-**

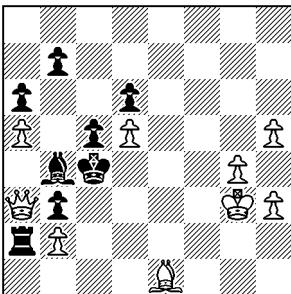
D55



+ (5+9)

1.Qf6! [1.c7+? Rd5 2.Qf6 Se7 3.Qxe7 Sc3 =] **1...Rg2+!** [1...Qd5 2.Bxd5
 Rxd5 3.Qf7 Bb8+ 4.Kg2 +-] **2.Bxg2** [2.Kxg2? Qxf6 -+] **2...h1=S+!**
 [2...h1=Q 3.Qxf5 +-] **3.Bxh1** [3.Kh2? Qh5+ 4.Kg1 Qd1+ 5.Kh2 Qh5+ =]
3...Qh7 [3...Qh5 4.Bf3 +-] **4.Qf7!** [4.Qf3? Qc7+ 5.Bf4 Sd2 6.Qd5 Qg7+
 7.Kf2 c4+ 8.Ke1 Qa1+ 9.Kxd2 Qd4+ =] **4...Bb8+ 5.Kg4** [5.c7+? Qxh1 -+]
5...Qxf7 [5...Qxh1 6.Qb7#] **6.c7+ Qf3+ 7.Bxf3+ Ka7 8.Bxc5+ Sb6**
9.c8=S+

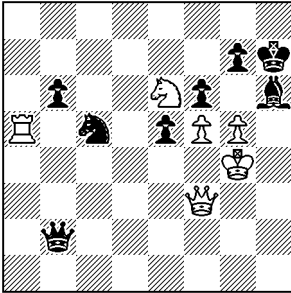
D56



+ (9+8)

1.Bxb4! [1.Qa4? b5! 2.axb6 e.p. (2.Qxb3+ Kxb3 3.Bxb4 Rxb2 4.h6 Re2 +-
 or 2.Qxb5+ axb5 3.Bxb4 Kxb4 4.h6 Rxb2 5.h7 Rc2 6.h8=Q b2 +- or
 2.Qxb4+ cxb4 3.h6 Rxb2 4.h7 Rc2 5.h8=Q b2 6.Qc8+ Kb3 -+) 2...Rxa4
 3.Bxb4 (3.b7 Bxe1+ 4.K~ Rb4 -+) 3...Rxb4 +- or 1.Qxb4+? cxb4! 2.h6
 Rxb2 3.h7 Rc2 4.h8=Q b2 5.Qc8+ Kb3 6.Qxb7 Rc4 7.Qh7 Rc1 8.Qe4 b1=Q
 9.Qxb4+ Ka2 10.Qxb1+ Rxb1 =] **1...cxb4 2.Qa4 Rxa4** [2...b5? 3.axb6
 e.p. Rxa4 4.b7 +-] **3.h6 Rxa5** [3...Ra2? 4.h7! Rxb2 5.h8=Q Rc2 6.Qc8+ Kb5
 (6...Kd3 7.Qxb7 b2 8.Qxb4 +-) 7.Qf5 Kxa5 8.g5 +-] **4.h7 Kb5 5.h8=Q Ka4**
6.Kh2! [6.Kg2? b5! 7.Qe5 dxe5 8.d6 e4 9.d7 e3 10.d8=S e2 11.Sb7 e1=S+
 12.Kg3 Sd3 13.Sxa5 (13.Sc5+ Sxc5 14.g5 Sd3 15.g6 Sxb2 16.g7 Sc4
 17.g8=Q b2 -+) 13...Kxa5 14.g5 Sxb2 15.g6 Sc4 16.g7 b2 17.g8=Q b1=Q -
 + or 6.g5? b5! 7.Qe5 dxe5 8.d6 e4 9.d7 e3 10.d8=Q e2 11.Qxa5+ Kxa5
 12.Kf2 e1=Q+ 13.Kxe1 Ka4 14.g6 a5 15.g7 stalemate] **6...b5 7.Qe5 dxe5**
8.d6 e4 9.d7 e3 10.d8=S! +- [10...e2 11.Se6 e1=Q 12.Sc5#]

D57

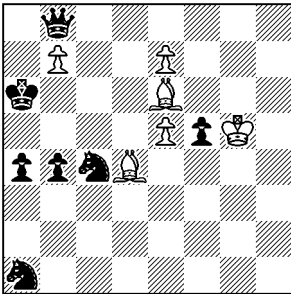


+ ■→

(6+8)

1...Qb4+ [1...bxa5 2.g6+ Kh8 3.Qa8+ +- or 1...Sxe6 2.g6+ Kg8 3.Ra8+ Sf8 4.Qd5+ +-] **2.Kh5 Sxe6 3.g6+ Kh8 4.Ra8+** [4.Qa8+? Sf8 5.Rb5 Qe7 =] **4...Sf8 5.Qc3!** [thematic move, thematic try 5.Qe4? Qe7? (5...Qd6? 6.Qd3! Qe7 7.Qd7! Qc5 8.Qf7 +) 6.Qb7 Qd6 7.Qd7! Qa3 8.Rxa3 Sxd7 9.Ra8+ main, but 5...Bd2! = or thematic try 5.Qb7? Qd6? 6.Qd7 main, but 5...Bg5! = or thematic try 5.Qd3? Bg5! (5...Bc1? 6.Qc3! Ba3 7.Qxa3 Qxa3 8.Rxa3 +) 6.Qe4 Bd2! =] **5...Qd6 6.Qd3!** [thematic move] **6...Qe7 7.Qd7!** [thematic move, 7.Qd8? Qxd8 8.Rxd8 Kg8 = or 7.Qa3? Qxa3 8.Rxa3 Bd2 =] **7...Qa3 8.Rxa3 Sxd7 9.Ra8+** +-

D58

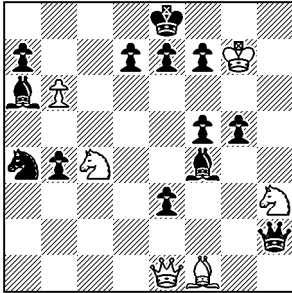


+

(6+7)

1.Bc8 Sb3 2.Bg1! [2.Bf2? Sbd2! 3.e8=Q Se4+ 4.Kg6 Sxf2 5.Qxa4+ (5.Qc6+ Sb6!) 5...Sa5 6.e6 Se4 = or 2.e8=Q Sxd4 3.Qxa4+ Sa5 =] **2...Sxe5** [2...a3 3.e8=Q a2 4.Qa4+ Sba5 5.Bd4 +- or 2...Sbd2 3.e8=Q Sf3+ 4.Kg6 Sxg1 5.Qxa4+ Sa5 6.e6 +-] **3.e8=Q Sf3+ 4.Kg6!!** [4.Kf6? Sxg1 5.Qe6+ Ka7 (5...Kb5? 6.Qe5+!) 6.Qe3+ (6.Qc6 Sf3!) 6...Ka6 7.Qg3 (7.Qf4 Ka7 8.Qxb4 Qc7! =) 7...f4! 8.Qxf4? Qxf4+! with check, or 4.Kxf5? Sbd4+! (4...Sxg1? 5.Qe6+ Ka7 6.Qe3+ Ka6 7.Kg4!) 5.Bxd4 (5.Kg4 Sxg1 6.Qe5 Sc6! 7.Qc5 Sa7 = or 5.Ke4 Sxg1 6.Qg6+ Ka7 7.Qxg1 Qd6 =) 5...Sxd4+ 6.Kg4 Kb6! 7.Qd8+ Kc5 =, or 4.Kh5? Sxg1 5.Qe5 Ka7 6.Qe3+ Ka6 7.Qg3 Ka7! (7...f4? 8.Qxf4 Ka7 9.Qf2+ Ka6 10.Qg3 Ka7 11.Qxg1+ Ka6 12.Qg3 Ka7 13.Qe3+ Ka6 14.Kg4!) 8.Qxg1+ Ka6 9.Qg3 Ka7 10.Qe3+ Ka6 11.Qe5 Ka7 12.Qb5 Qh2+ = with perpetual check] **4...Sxg1 5.Qe5!** [thematic move] **5...Ka7 6.Qe3+ Ka6 7.Qf4!** [thematic move] **7...Ka7 8.Qf2+ Ka6 9.Qh2!** [thematic move] **9...f4** [9...Ka7 10.Qxg1+ Ka6 11.Qh2 main line] **10.Qxf4 Ka7 11.Qf2+ Ka6 12.Qh2!** [thematic move] **12...Ka7 13.Qxg1+ Ka6 14.Qh2!** [thematic move, if 14.Qf1+? Kb6 15.Qf2+ Sc5! =] **14...Ka7 15.Qf2+ Ka6 16.Qf4!** [thematic move] **16...Ka7 17.Qe3+ Ka6 18.Kf5!!** [Domination] **18...Sa5 19.Qd3+ Ka7** [19...Kb6 20.Qd8+ +-] **20.Qd4+ Ka6 21.Qd6+ Ka7 22.Qc5+ Ka6 23.Qc7!** [thematic move] **23...Ka7 24.Qxa5±**

D59

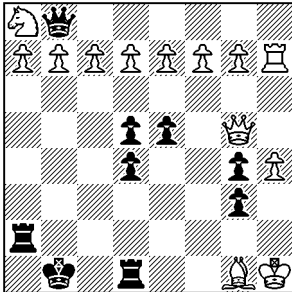


+ (6+13)

1.bxa7 [1...Sxf4? e.g. 1...Sxb6 2.Sd6+ exd6 3.Qxe3+ Kd8 4.Bxa6 Qxf4 -+] **1...Sb6** [1...Be5+ 2.Kg8 Qh1 (2...Bb7 3.Qxb4 Sc5 4.Qxc5 Bc7 + e.g. 5.Qxf5 Kd8 6.Qxf7 Kc8 7.Se5 Bxe5 (7...Qxe5 8.Ba6) 8.Ba6 Kc7 9.Qc4+ Kb6 10.Qb5+ or 2...Sb6 3.Qxb4 Bb8 4.Qxb6 Bxa7 5.Qxa7 Bc8 6.Sxe3) 3.Qxb4 Qb7 4.Qxa4 Qxa7 5.Sxe5 f6 6.Sg6 +-] **2.Qxb4** [2.Sxb6? Bb7! 3.Qxb4 Bc7 4.Sxd7 Qd6! 5.Qxb7 Qg6+ 6.Kh8 Qh6+ 7.Kg8 Qg6+ = or 2.Sxf4? gxf4 3.Qxb4 Qg3+ 4.Kh8 e.g. 4...Qh4+ 5.Kg7 Qg5+ 6.Kh7 Kf8 7.a8=Q+ Bc8 8.Qxe7+ Qxe7 9.Qh1 Qf6 10.Qh6+ Qxh6+ 11.Kxh6 Sxc4 -+] **2...Bc7** [2...Bb8 3.Qxb6 Bxa7 4.Qxa7 Bc8 5.Qxe3 +-] **3.Qxb6!** [a non-thematic sacrifice] **3...Bxb6 4.a8=Q+ Bd8** [4...Bc8 5.Qxc8+ Bd8 6.Qa6 main] **5.Qxa6 e2!** [5...Qg3 6.Be2 Qh4 (6...g4 7.Sg5 Qh4 8.Sxf7 Qf6+ 9.Qxf6 exf6 10.Scd6+ Ke7 11.Sxf5+ Ke6 12.Bxg4 Ba5 13.Sxe3+ Ke7 14.Sd5+ Ke8 15.Sd6+ Kd8 16.Sb7+ Kc8 17.Sxa5) 7.Qa1 g4 (7...Qe4 8.Bh5 Bc7 9.Sxg5) 8.Qe5! Qf6+ 9.Qxf6 exf6 10.Sd6+ Ke7 11.Sxf5+ Ke6 12.Bxg4 + or 5...g4 6.Qh6 d6 7.Qxe3 gxh3 8.Se5 Bc7 9.Bb5+ Kd8 10.Sc6+ Kc8 11.Qa3 Qg1+ 12.Kxf7 Qb6 13.Ba6+ Kd7 14.Sxe7 Qa5 15.Bc8+ Kd8 16.Sc6+ + or 5...Bc7 6.Qh6 Be5+ 7.Kg8 Kd8 8.Qf8+ Kc7 9.Qxe7 +] **6.Bxe2 Qxh3** [6...Qxe2 7.Sd6+ exd6 8.Qxe2+ +- or 6...g4 7.Qa2 Bc7 8.Qa8+ Bb8 9.Sg5 Qf4 10.Sxf7 Qd4+ 11.Kg8 Qa7 12.Qh1 Bf4 13.Qh8 +] **7.Se5** [7.Qb5? Qc3! 8.Kg8 g4! 9.Qxf5 Qf6 =] **7...Qc3 8.Qe6!** [thematic move] **8...dxe6** [8...fxe6 9.Bh5#] **9.Bb5+ Qc6 10.Bxc6#**

As the theme demanded: tactics all around

D60

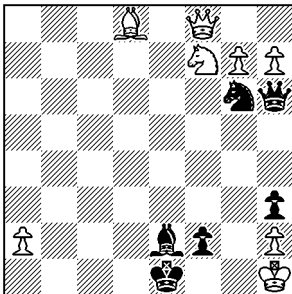


+ (13+9)

1.Qg6+ Ka1 [1...d3 2.Qb6+ Ka1 3.Qa6, Qa5 Qxb7 4.Qxa2+ Kxa2 5.c8=Q Qxa7 6.Qa6+ Qxa6 7.d8=Q Qb5 (7...Qc4 8.Qa5+ Kb2 9.Qb6+ +-) 8.Qb6 Qa4 9.Qe3 Qc2 10.Qxg3 +-] **2.Qa6! Rxa6** [2...Qxb7 3.Qxa2+ Kxa2 4.Sb6! +- or 2...Qxa7 3.Qxa7 Rxa7 4.b8=Q transposes to the main line] **3.axb8=Q Ra2 4.Qa7! Rxa7 5.b8=Q** [5.Kg2? Ra2+ 6.Bf2 gxf2 -+] **5...Ra2 6.Qa7! Rxa7 7.c8=Q Ra2 8.Qa6! Rxa6 9.d8=Q Ra2 10.Qa5! Rxa5 11.e8=Q Ra2 12.Qa4! Rxa4 13.f8=Q Ra2 14.Qa3! Rxa3** [14...g2+ 15.Kh2 Rxa3 16.g8=Q g3+ 17.Kf8=Q Ra2+ 18.Kf3 Rxcg1 19.Qxd5 g2 20.Rg7 Rf1+ 21.Ke4 g1=Q 22.Rxcg1 Re2+ 23.Kd3 Re3+ 24.Kc4 Rxcg1 25.Qa5+ +-] **15.g8=Q Ra2 16.Ra7 Rxa7 17.Qxg4 +-**

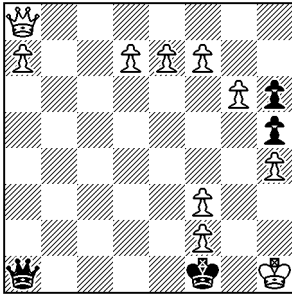
Thematic sacrifices of seven ♖

D61



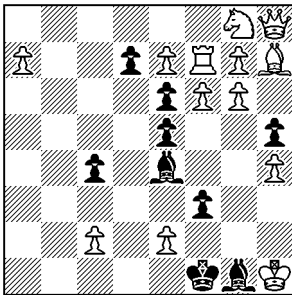
+ (8+6)

1.Ba5+! [1.Qb4+? Qd2! -+] **1...Kf1! 2.Sxh6** [Thematic try 2.Qa3? Ba6! = (2...Se5? 3.Sxh6 Sd3 4.Qf8 Sf4 5.Qa8 Sd5 6.Qa6! main, or 2...Bb5? 3.Qc5 Bd3 4.Qd4 +, or 2...Bc4? 3.Qf3! Qe3 4.Qd1+ Qe1 5.Bxe1 Bd5+ 6.Qxd5 fxe1=Q 7.Qf3+ +, or 2...Qh5? 3.Sg5! Qg4 4.Qg3! +-)] **2...Sf4!** [2...Sxf8 3.gxf8=R! (3.gxf8=Q? Bf3+ 4.Qxf3 stalemate) 3...Bd3! 4.Rxf2+! (4.Rf3? Be4) 4...Kxf2 5.Sg4+ Kf1 6.Se3+ Kf2 7.Be1+ +- (7.Sg4+? Kf1 8.Se3+ Kf2 9.Be1+ loss of time)] **3.Qa8!** [3.Qa3? Sd3 4.Qf8 Sf4 5.Qa8 loss of time, or 3.Qxf4? Bf3+ 4.Qxf3 stalemate] **3...Sd5! 4.Qa6!** [4.Qxd5? Bf3+ 5.Qxf3 stalemate, or 4.Qf8? Sf4 5.Qa8 Sd5 loss of time] **4...Bxa6 5.g8=Q! Bb7! 6.Qc8! Bxc8 7.h8=Q Ke2** [7...Bb7 8.Qa1+ Ke2 9.Qb2+ Kf3 10.Qb3+! Se3 11.Qxb7+ +-] **8.Qe5+, Qe8+ Se3 9.Qh5+ Kd3** [9...Bg4 10.Qb5+ +-] **10.Qb5+ Ke4 11.Sf7! f1=Q+ 12.Qxf1 Sxf1 13.Sd6+ +-**

D62

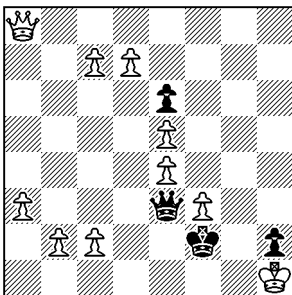
+ (10+4)

1.Qh8! [thematic move] **1...Qd1! 2.Qa1!** [thematic move, 2.Kh2? Qd6+ 3.Kh3 Qxd7+ 4.Kh2 Qd6+ 5.Kh1 Qd1 =] **2...Qxa1 3.a8=Q Qxa8 4.f8=Q Qa1 5.Qg7!** [thematic move, thematic try 5.Qh8? Qd1! 6.Kh2 Qd6+ 7.Kh3 Qxd7+ 8.Kg3 Qd6+ 9.Kh3 Qd7+ 10.Kh2 Qd6+ 11.Kh1 Qd1 =] **5...Qd1!** [5...Qxg7 6.e8=Q Kxf2 7.Qa8 Qxd7 (7...Qxg6 8.Qa2+ Kf1 9.Qa1+ Kf2 10.Qd4+ Kxf3 11.Qd1+ Kf2 12.Qd2+ Kf1 13.Qf4+ +) 8.Qa2+ Ke3 9.Qb3+ Kf2 10.Qb2+ Ke3 11.g7 Qd1+ 12.Kh2 Qd6+ 13.Kg2 Qg6+ 14.Kh1 Qg3 15.Qb3+ Kf2 16.Qa2+ Kf1 17.g8=Q +] **6.Kh2! Qd6+ 7.Kh3 Qxd7+ 8.Kg3 Qd6+ 9.f4 Qd1! 10.Qa1!!** [thematic move, 10.Kh2? Qg4! 11.Qa1+ Kxf2 12.Qd4+ Kf1 13.Qc4+ Kf2 14.Qc2+ Kf1 = positional draw, or 10.f3? Qe1+ 11.Kh3 Qd1 12.Qc3 Qe2 13.Qc1+ Kf2 14.Qc5+ Kf1 = positional draw] **10...Qxa1 11.e8=Q Qd1!** [11...Qc3+ 12.Qe3 Qc2 13.Qb6 Qd1 14.Qe6 Kg1 15.f3 Qf1 16.f5 Qf2+ 17.Kf4 Qxh4+ 18.Ke5 +-] **12.Qe6!** [12.f3? Qc2 13.Qb5+ Kg1 14.Qb6+ Kh1 15.Qf2 Qxg6+ 16.Kh3 Qf5+ = or 12.Qc8? Qd3+ 13.Kh2 Qxg6 14.Qc4+ Kxf2 =] **12...Kg1** [12...Qd3+ 13.Kh2 Kxf2 14.Qa2+ Kf3 15.g7 +- or 12...Qc2 13.Qa6+ Ke1 14.Qb6 Kf1 15.Kh2 Qe4 16.Qb5+ Kxf2 17.Qb2+ Kf1 18.Qc1+ Ke2 19.g7 +-] **13.f3!** [13.g7? Qf1 14.Kf3 Qh3+! 15.Qxh3 stalemate, or 13.Qf5? Qf1 14.Kf3 Qxf2+ 15.Ke4 Qc2+ 16.Ke5 Qc5+ 17.Kf6 Qf8+ 18.Ke6 Qc8+ = perpetual check] **13...Qd2** [13...Qf1 14.Qb6+ Kh1 15.f5 Qh3+ 16.Kf4 Qxh4+ 17.Ke5 Qe7+ 18.Qe6 +-] **14.Qb6+ +-**

D63

+ (13+9)

1.a8=Q! Bxa8 2.e8=Q Be4 3.Qa8 Bxa8 4.Se7 Be4 5.Qa8 Bxa8 6.g8=Q Be4 7.Qa8 Bxa8 8.e4! Bxe4 9.g7 Bxh7 [Moves 1, 3, 5 and 7 thematic, if 9...Bb7 10.Sd5! (10.Sc6? Bxc6 -) 10...Bxd5 11.Rxd7 f2+ 12.Rxd5 +] **10.Sf5!** [10.Sg6? f2,Ke2 -] **10...exf5** [10...Bxf5 11.g8=Q,Rd7 +] **11.Rxd7 Bd4** [11...f2 12.f7 f4 13.Rd1+! Ke2 14.Rxg1 fxg1=Q+ 15.Kxg1 f3 16.f8=Q +- (16.g8=Q? f2!+ 17.Kh2 Bxg8 18.fxg8=Q f1=Q =) or 11...Be3 12.f7 +-] **12.f7! f2 13.Rb7! Ke2 14.Rb1! f4 15.g8=Q!** [15.Kh2? Bxc2 16.Rh1 (16.Rc1 Bd1! 17.g8=Q f1=Q 18.f8=Q Qf2+ 19.Qg2 Qxg2+ 20.Kxg2 c3! 21.Ra1 c2 22.Ra2 Kd2 23.Qb4+ Ke2 = positional draw) 16...Be4! 17.f8=Q Bxh1 18.g8=Q Be4! 19.Qxc4+ Bd3 20.Qa2+ (20.Qxd3+ Kxd3 21.Qf5+ Ke2 =) 20...Ke3! 21.Qb4 f1=Q 22.Qbd2+ Kf3! 23.Qd5+ Kg4! 24.Q2g2+ Qxg2+ 25.Qxg2+ Kf5! 26.Qf3 e4 27.Qxh5+ Ke6 = positional draw] **15...Bxc2 16.Rc1!** [16.Qb8? Bxb1 17.Qxb1 f1=Q+ 18.Qxf1+ Kxf1 19.f8=Q Ke2 20.Qa3 c3 21.Qc1 f3! 22.Qc2+ Ke1 23.Kh2 f2 24.Qc1+ Ke2 25.Kg2 f1=Q+ 26.Qxf1+ Kd2 27.Kf3 c2 =] **16...Be4+ 17.Kh2 +-**

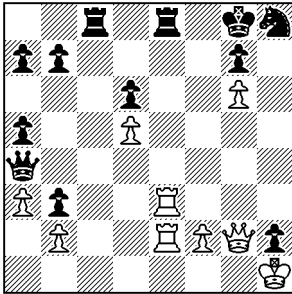
D64

+ (10+4)

[Main plan: 1.d8=Q? Qxf3+ 2.Kxh2 Qg2# or 1.Qf8? Qc1+ 2.Kxh2 Qg1+ 3.Kh3 Qg3#] **1.Qa7! Kf1! 2.Qa6+** [2.Qxe3? stalemate] **2...Kf2 3.Qb6! Kf1 4.Qb5+ Kf2 5.Qc5 Kf1 6.Qc4+ Kf2 7.Qd4 Qxd4 8.d8=Q! +-**

Phoenix and Berlin; logical study.

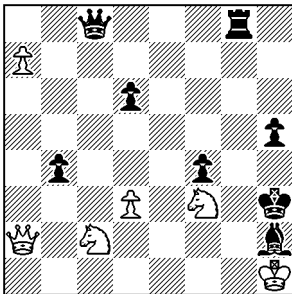
D65



+ (9+12)

1.Qg4! Qb5 [1...Rc1+? 2.Kxh2 Rxe3 3.Rxe3 and Qe6+ Qe7+ Qe8#] **2.Qc4!** [2.Re7? Qxd5+ 3.Kxh2 Rf8 4.Qxc8 Sxg6 5.Re8 Qh5+ 6.Qh3 Qxh3+ 7.Kxh3 Sf4+ -+ or 2.a4? Qxd5+ 3.Kxh2 Qc6 4.Qc4+! Kf8 5.Qf4+ Kg8 6.Qc4+ = or 2.Kxh2? Sxg6 3.a4 Qxe2 4.Qxe2 (4.Rxe2 Se5 =) 4...Re5 5.Rxe5 Sxe5 6.Kg3 Kf8 7.f4 Sc4 8.Qd3 Rc5 9.Qf5+ (9.Qxb3 Sb6 -+) 9...Kg8 =] **2...Qd7** [2...a6? 3.Qxb5 Rxe3 4.Qxb7 +-] **3.Qc7 Qb5** [3...Qa4? 4.Re7 and Rxg7+ Rg8+ Qh7+ Qxh8#] **4.Qxb7** [4.Re7? Qxd5+ 5.R2e4 Qd1+ 6.Kxh2 Qh5+ -+] **4...Qa4** [4...Qxe2 5.Rxe2 Sxg6 6.Rxe8+ Rxe8 7.Qxb3 +-] **5.Rxe8+** [5.Re4? Sxg6 6.Rxa4 Rc1+ 7.Kxh2 Rxe2 8.Qxb3 Rxf2+ 9.Kg3 Rd2 10.Qb8+ Kh7 11.Qxd6 Rxb2 12.Kf3 Re1 13.Qa6 (13.Qc7 Rf1+ 14.Ke4 Re1+ 15.Kf3 Rf1+ =) 13...Se5+ 14.Kf4 Sg6+ 15.Kf3 Se5+ =] **5...Rxe8 6.Qxb3 Qd7 7.Qh3! Rxe2** [7...Qxh3?? 8.Rxe8# or 7...Sxg6? 8.Qxd7 Rxe2 9.Qxd6 +- or 7...Qd8? 8.Qh7+ Kf8 9.Qxh8#] **8.Qxd7 Sxg6 9.Qxd6** +-

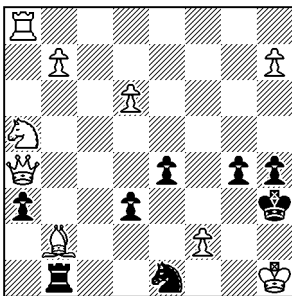
D66



+ (6+8)

1.Sce1 Bg3 [1...Qa8 2.Qe6+ Rg4 (2...Kg3 3.Qf6 +-) 3.d4 Bg1 4.Qe2 Rg8 5.Sg2 Bh2 6.Qe6+ Kg3 7.Sgh4 +-] **2.a8=Q! Qxa8 3.Qe6+ Rg4 4.Qc8! Qd5 5.Qf5!** [5.Qe6? Qa8] **5...Qa8 6.Qa5! Qb7 7.Qb5!** [7.Qa6? Rg7 -+] **7...Qa8 8.d4** [8.Qa4? Rg8] **8...Rh4 9.Qd7+ Rg4 10.Qe8!** and now:
 a) **10...Qb7 11.Qb5!** +- [11.Qe2? Rg7]
 b) **10...Qd5 11.Qxh5+!** [11.Qe2? Rh4 12.Sg2 Kg4+ 13.Sgxh4 b3 -+ or 11.Qb5? Rg5 +-] **11...Qxh5 12.Sg1+ Kh4 13.Sef3#**

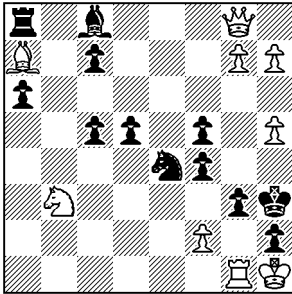
D67



+ (9+8)

1.Bc1! Rxc1 [1...d2 2.Rc8! (2.Qxa3+ Sd3) 2...Sd3 3.Qd1! Sxf2+ 4.Kg1 Sxd1 5.Bxd2 g3 (5...a2 6.h8=Q) 6.Rc1 Rxc1 7.Bxc1] **2.Qxa3!** [2.Sb3 Rd1 or 2.Rc8 Sc2#] **2...Rd1 3.Qa1!!** [3.Qc1? Rxc1 4.Sb3 d2] **3...Rxa1 4.Sc4!** [4.h8=Q? Rd1 5.Qxh4+ Kxh4 6.Rh8+ Kg5 7.Rg8+ Kh4 or 4.Sb3? Rb1 5.Ra1 Rxa1 6.h8=Q (6.Sxa1 e3 7.fxe3 d2 8.h8=Q d1=Q) 6...Rd1 7.Qa1 Rxa1 8.Sxa1 g3] **4...Rc1 5.Ra1!** [5.Sd2? Rd1] **5...e3!** [5...d2 6.Sxd2 Rxa1 7.b8=Q! (7.h8=Q Rd1 8.Qxh4+ Kxh4 9.Sf1 Sf3 10.Kg2 Se1+) or 5...Rxa1 6.h8=Q Rc1 (6...Rd1 7.Se3 Rc1 8.Qb2) 7.Qb2] **6.fxe3!** [6.Sxe3? d2 7.h8=Q (7.b8=Q Sc2+) 7...Sd3+! (7...Sc2+? 8.Sd1 Sxa1 9.Qc3+ Rxc3 10.Sxc3) 8.Sd1 Sxf2+ 9.Kg1 Sxd1 10.Qd4 (10.Qxh4+ Kxh4 11.b8=Q Se3+ 12.Kf2 d1=Q 13.Qd8+ Kh5 14.Qe8+) 10...Sc3+ 11.Kf2 d1=Q 12.Qxd1 Sxd1+ 13.Ke2 Sc3+ 14.Kd3 (14.Kd2 Rxa1 15.b8=Q Se4+ 16.Ke2 Sxd6) 14...Rxa1 15.b8=Q g3 16.Qc8+ Kh2 17.Qg4 Ra4 18.Qg5 g2 19.d7 g1=Q 20.Qxg1+ Kxg1 21.d8=Q or 6.Rxc1?? exf2 7.Se3 g3 8.b8=Q g2+ 9.Sxg2 f1=Q#] **6...d2** [6...Rxa1 7.h8=Q! Rd1 8.Qxh4+! Kxh4 9.b8=Q (9.Sb2? Rb1 10.b8=Q Sc2+ 11.Kg2 Sxe3+ 12.Kf2 Sd1+ 13.Kg2 Se3+) 9...Sc2+ 10.Kg2 (10.Kh2? g3+) 10...Se1+ 11.Kf1 (11.Kf2? g3+) 11...Sf3+ 12.Kf2] **7.Sxd2 Rxa1 8.h8=Q Rd1 9.Qxh4+!** [9.Sf1? Sf3] **9...Kxh4 10.Sf1!** [10.b8=Q? Sd3+, Sf3+ or 10.Kg1? Sf3+ 11.Kg2 Rxd2+ 12.Kf1 g3 13.b8=Q g2#] **10...Sd3** [10...Sf3 11.b8=Q Rxf1+ 12.Kg2] **11.Kg1** [11.Kg2? Rb1 12.d7 Rb2+ 13.Kh1 Sf2+ or 11.b8=Q? Rxf1+ 12.Kg2 Rf2+ 13.Kg1 Kh3 14.d7 Rg2+] **11...Rb1 12.d7** +-

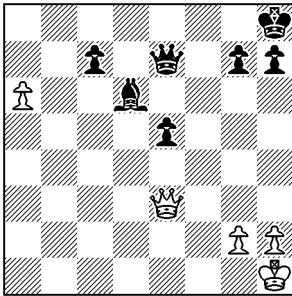
D68



+ (9+12)

1.Rg2! f3 2.Rxg3+ [2.Rxh2+? gxh2 3.Bxc5 d4! 4.Bxd4 Bb7 5.Qxa8 Sg3+ 6.fxg3 f2+ 7.Qxb7 f1=Q+ 8.Bg1 Qxg1#] **2...Sxg3+ 3.fxg3 f2 4.Sd2 Rb8! 5.Bxb8 Bb7 6.Qc8! Bxc8 7.g8=Q Bb7 8.Qc8! Bxc8 9.h8=Q Bb7 10.Qb2!** [10.Qd4?! cxd4 11.Ba7 f4 12.gxf4 Bc8! +-] **10...Ba8 11.Qd4! cxd4 12.Ba7 d3 13.Bd4 c5 14.h6 +**

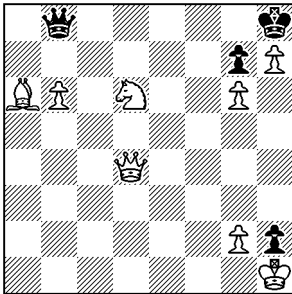
D69



+ (5+7)

1.a7 Qd8 [1...Qe8 2.Qb3 Bf8 3.Qd5 c6 4.Qa5 Qa8 5.Qc7 Qe8 6.h3 +- (6.Qb7? Qh5 7.Qb1 Qe8 8.Qb8 Qf7 9.Kg1 Qf4 10.a8=Q Qe3+ =) or 1...Qf8 2.Qf3 +-] **2.Qe4 c6! 3.Qxc6 Bb8 4.Qd7! Qf8 5.Qf5! Qd8 6.Qd3! Qc8 7.Qc2! Qf8** [7...Qb7 8.a8=Q +-] **8.Qf2! +-**

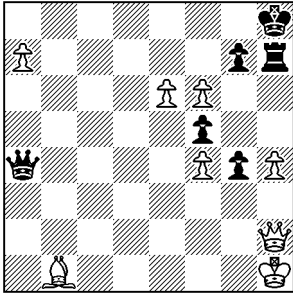
D70



+ ■→ (8+4)

1...Qxd6 2.b7! [2.Qxd6? stalemate] **2...Qf8 3.Qf2 Qb4** [3...Qf4 4.Bf1 Qb8 5.Qf7 +-] **4.Bf1 Qf4 5.Qf3** [5.b8=Q+? Qxb8 6.Qf7 Qa8! 7.Qg8+ Qxg8 8.hxg8=Q+ Kxg8 =] **5...Qxf3 6.b8=Q+ Qf8 7.Qxf8#**

D71

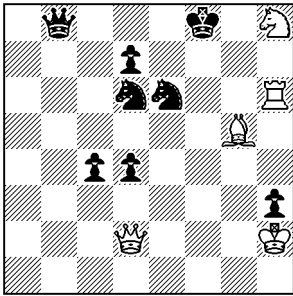


+ (8+6)

1.Qc2! [1.Qf2? gxf6 =] **1...Qa6** [1...Rxb4+ 2.Kg2 Qxa7 3.Qc8+ Kh7 4.Bxf5+ Kh6 (4...g6 5.Qd7+) 5.Qh8#] **2.Qc4!** [thematic move] **2...Qb7+ 3.Be4! Rxb4+** [3...fxe4 4.Qa2 Rxb4+ 5.Kg1! (5.Kg2? e3+)! 5...Qb6+ 6.Kg2 Qe3 7.a8=Q+ Kh7 8.Q8a3 Qe1 9.e7! Qh1+ 10.Kf2 Rh2+ 11.Ke3 Qg1+ 12.Kxe4 Qe1+ 13.Qe3 +] **4.Kg2** [4.Kg1? Qxa7+] **4...fxe4 5.Kg3!** [5.Qa2? e3+ 6.Kg3 Rh3+ 7.Kxg4 Qf3+ 8.Kf5 Rh5+ 9.Kg6 Rh6+ +- or 5.e7? Qb2+ 6.Kg3 Qh2#] **5...Rh3+! 6.Kxg4 Rh6 7.e7!** [7.f7? Rg6+ 8.Kf5 (8.Kh5 Rh6+ 9.Kg5 Qe7+) 8...Rf6+ 9.Kg5 (9.Ke5 Qxa7) 9...Kh7! =] **7...Qd7+ 8.Kg5** [8.f5? Qd1+] **8...Qe8** [8...Rh5+ 9.Kxh5 Qf5+ 10.Kh4 Qxf4+ 11.Kh3 Qf3+ 12.Kh2 Qf2+ 13.Kh1 Qf3+ 14.Kg1 Qg3+ 15.Kf1 Qf3+ 16.Ke1 +- or 8...Kh7 9.Qf7 Qb5+ 10.f5 Rxf6 11.Qh5+ Rh6 12.e8=Q+] **9.Qf7!** [thematic move, if 9.a8=Q? Rg6+! 10.Kh4 Rh6+ 11.Kg4 (11.Kg3? Qxa8 12.f7 Qa3+) 11...Rg6+ = positional draw, or 9.fxg7+? Kxg7 10.Qd4+ Kh7 11.Qxe4+ Rg6+ 12.Kh5 Qb5+ 13.f5 (13.Kh4 Qd7) 13...Rg8 =] **9...Qxf7** [9...Qb5+ 10.f5] **10.a8=Q+ Kh7 11.Qxe4+ Rg6+** [11...g6 12.e8=Q] **12.Kh5 Qe8** [12...Qxf6 13.e8=B!] **13.f7** and now:

- a) **13...Qxf7 14.e8=B!** +- [14.e8=Q? Qf5+! 15.Qxf5 stalemate]
- b) **13...Qb5+ 14.Kh4!** [14.f5? Rh6+ 15.Kg4 Qf1 =] **14...Qf1 15.f8=S+!** +-

D72

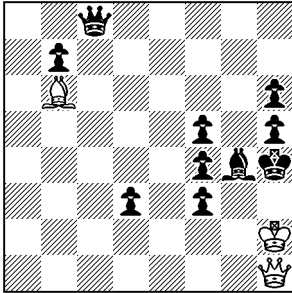


+ (5+8)

1.Sg6+! [1.Bf4? Se4! 2.Bxb8 (2.Rxe6 Sxd2! 3.Rf6+ Kg7 4.Rf7+ Kxh8 5.Bxb8 c3 6.Bf4 Sf3+ 7.Kxh3 d3 8.Rxd7 d2 9.Kg3 c2 10.Bxd2 Sxd2 11.Rc7 Se4+ = EGTB) 2...Sxd2 3.Rxh3 c3 4.Sg6+ Kg7 5.Sf4 c2 6.Se2 Se4 7.Sc1 d6 8.Ba7 S6c5 9.Bxc5 Sxc5 10.Rf3 d3 11.Rf2 Kg6 12.Kg1 Kg5 13.Kf1 Kg4 14.Ke1 Se4 = or 1.Rf6+? Kg7 2.Rg6+ Kh7! 3.Bf4 Se4 4.Rh6+ Kg8 5.Rxe6 dxe6 6.Qc1 e5 7.Qxc4+ Kxh8 8.Qxd4 exd4 9.Bxb8 d3 = or 1.Qf2+? Sf7+ 2.Kxh3 Sexg5+ 3.Kg4 Qc7 4.Rf6 d6 5.Qxd4 Qd7+ = or 1.Rxe6? dxe6 2.Sg6+ Kg7 3.Bh6+ Kg8 4.Qf4 Qb2+ 5.Kxh3 Qb3+ 6.Kh4 Sf5+ 7.Kg5 Qb5 8.Qc7 Sd6+ 9.Kh4 Sf5+ 10.Kg5 Sd6+ = perpetual check or 1.Kxh3? Se4 2.Rf6+ Kg7 3.Rg6+ Kxh8 4.Bf6+ Sxf6 5.Rxf6 Qb1 6.Kg2 c3 7.Qe2 Qh7 8.Qe5 Qg7+ 9.Kf2 c2 10.Qb8+ Kh7 =] **1...Kg7** [1...Kf7 2.Se5+ Kg8 3.Qf2 Qf8 4.Rf6 Qe8 5.Rg6+ +- or 1...Ke8, Kg8 2.Rh8+ +-] **2.Se5** [2.Bf6+? Kxf6 3.Sf8+ Kf7 4.Rh7+ Kg8 5.Rh8+ Kxh8 6.Qh6+ Kg8 7.Qh7+ Kxf8 8.Qh8+ Ke7 9.Qxb8 c3 10.Qb1 Kf6 =] **2...Se4** [2...Se8 3.Rg6+ Kh8 (3...Kh7 4.Bf6 +) 4.Qe2 S8g7 5.Bf6 Kg8 6.Qe4 Qb2+ 7.Kh1 Qc1+ 8.Rg1 Qe3 9.Qg6 +- or 2...Sf7 3.Bf6+ Kg8 (3...Kf8 4.Rh8+ Sxh8 5.Qh6+ +-) 4.Rg6+ Kh7 (4...Kf8 5.Qf2 +-) 5.Qe2 +- or 2...Kg8 3.Rg6+ Sg7 4.Qf2 +- or 2...Qf8 3.Rxe6 +-] **3.Bf6+!** [3.Rg6+? Kf8 4.Bh6+ Ke7 5.Qa5 Qb2+ 6.Kxh3 Qe2 7.Qa3+ S4c5 8.Bg5+ Kd6 =] **3...Sxf6** [3...Kf8 4.Rh8#] **4.Rg6+ Kh8** [4...Kf8 5.Rxf6+ Ke7 6.Rf7+ Kd6 7.Qf2 Kd5 8.Qf3+ Kc5 9.Qg3 +] **5.Qh6+ Sh7 6.Qf4!** [thematic move] **6...Qb2+** [6...Sxf4 7.Sf7# model] **7.Kg3** [7.Kxh3? Sxf4+ +- or 7.Kg1? h2+ 8.Kh1 Qb1+ 9.Kxh2 Qc2+ 10.Kg1 (10.Kg3 Qg2+! 11.Kh4 Qh3+! 12.Kxh3 Sxf4+ 13.Kg4 Sxg6 14.Sxg6+ Kg7 -) 10...Qd1+ 11.Kh2 Qe2+ 12.Kg1 Qe1+ 13.Qf1 Qxf1+ 14.Kxf1 Shf8 =] **7...Seg5** [7...Sg7 8.Rh6 Qg2+ 9.Kh4 Qa8 10.Sf7+ Kg8 11.Rxh7 Kxh7 12.Qh6+ Kg8 13.Qh8+ Kxf7 14.Qxa8 +- or 7...Qg2+ 8.Kh4 Seg5 9.Sf7+ Sxf7 10.Qxd4+ Se5 11.Qxe5+ Sf6 12.Qxf6+ Kh7 13.Qg7# or 7...Sd8 8.Kxh3 Qc3+ 9.Rg3 +- or 7...Qa3+ 8.Kg4! Sg7 9.Rxg7 +-] **8.Qf7!** [8.Sf7+? Sxf7 9.Qxf7 Qg2+ 10.Kh4 Qe4+ 11.Rg4 Qe1+ =] **8...Qg2+ 9.Kh4 Qe4+ 10.Kh5 Qe2+ 11.Kh6 Sxf7+ 12.Sxf7#**

Queen battery, first move choice, perpetual check, model mate, black queen sacrifices.

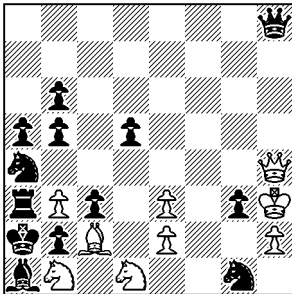
D73



+ (3+10)

1.Qc1! Qh8 [1...Qc2+ 2.Qxc2 dxc2 3.Bd8# or 1...Qg8 2.Qc4! +- or 1...Qb8 2.Qe1+ Kg5 3.Qe7+ ++] **2.Qc3 Qf8 3.Qb4 Qf6** [3...Qe8 4.Qe1+ Qxe1 5.Bd8+ Qe7 6.Bxe7#] **4.Bd4 Qe6** [4...Qf7 5.Qc4 Qe7 6.Bf2+ Kg5 7.Qg8+ +-] **5.Qe1+ Qxe1 6.Bf6#**

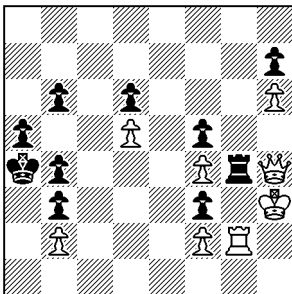
D74



+ (9+13)

1.Kg2 Qc8 [1...Qxh4?? 2.Sbxc3+ Sxc3 3.Sxc3# or 1...Rxb3? 2.Qxh8 Sxe2 3.Qh5! or 1...Qg7, Qe5? 2.Qe7!] **2.Qg4!** [2.bxa4? Sxe2 3.Qh5 Qc4!] **2...Qh8** [2...Qc5? 3.Kxg1! or 2...Qc6 3.Qd7! Qc5 4.Qxb5, Kxg1!] **3.Qh5** [3.h4? Rxb3!] **3...Qc8 4.Qf5 Qh8 5.h4!!** [5.hxg3? Rxb3! 6.Qxd5 (6.Kxg1 Qg7!) 6...Qh3+!] **5...Sxe2** [5...b4? 6.bxa4! or 5...Rxb3? 6.Qxd5!] **6.Qxd5! Sc5! 7.b4+! Sb3** [7...Rb3? 8.bxc5!] **8.Qd8!!** [8.Qg8? Qe5! 9.Qg5 Qc7! or 8.bxa5? bxa5! 9.Qd8 Qe5 10.Qd6 Qc5! 11.Bxb3+ Rxb3! 12.Qxc5 Kxb1! or 8.Qd3? Qa8+ 9.Kf1 (9.Kh3 Qc8+) 9...Qh1+ 10.Kxe2 Qg2+ 11.Ke1 Qg1+ 12.Qf1 Qxf1+ 13.Kxf1 Sd2+!] **8...Qe5! 9.Qd6!!** [9.Qg5? Qc7! or 9.Qe7? Qd5+! 10.e4 Qxd1, Qc4, Qd4!] **9...Qg7 10.Qe7!** [10.Qg6? Qb7+!] **10...Qh8 11.Qf8!** [11.Qh7? Qa8+!] **11...Qe5 12.Qf5!! Qc7 13.Sbxc3+!** [13.Sdxc3+? Qxc3! 14.Sxc3+ Sxc3!] **13...Sxc3 14.Sxc3+ Qxc3 15.Bb1#**

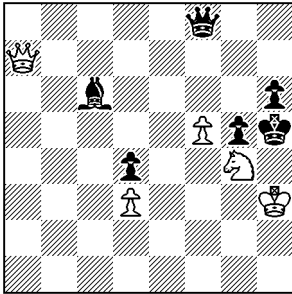
D75



+ (8+10)

1.Rxg4! [1.Qxg4? fxg4+! 2.Rxg4 b5 3.Rg6 hxg6 4.h7 g5 5.h8=Q g4+ 6.Kh4 g3 7.Qd4 g2 8.Qd1 g1=Q 9.Qxg1 stalemate] **1...fxg4+ 2.Kh2!** [2.Qxg4? b5! 3.Qg6 hxg6 4.h7 g5 5.h8=Q gxf4 6.Qe5 dxe5 7.d6 e4 8.d7 e3 9.d8=S (9.d8=Q e2 10.Qe7 e1=Q 11.Qxe1 stalemate or 9.fxe3 f2 10.Kg2 f3+ 11.Kf1 stalemate) 9...exf2 10.Se6 f1=Q+ +-] **2...g3+** [2...b5? 3.Qd8! g3+ 4.fxg3 f2 5.Qxa5+ Kxa5 6.Kg2 Kb6 7.f5 +-] **3.Qxg3 b5 4.Qg6 hxg6 5.h7 g5 6.h8=Q** [6.h8=B? g4! 7.Be5 dxe5 8.d6 (8.f5 e4 9.d6 e3 10.fxe3 f2 11.Kg2 f1=Q+ 12.Kxf1 g3 13.d7 g2+ 14.Ke2 g1=Q 15.d8=Q Qxe3+ 16.Kxe3 stalemate) 8...exf4 9.d7 g3+ 10.fxg3 f2 11.Kg2 f3+ 12.Kf1 stalemate] **6...gx4** [6...g4? 7.Qa8! g3+ 8.fxg3 f2 9.Qxa5+ Kxa5 10.Kg2 +-] **7.Qe5 dxe5 8.d6 e4 9.d7 e3 10.d8=S!** +- [10...exf2 11.Se6 f1=S+ 12.Kh3 ~ 13.Sc5#]

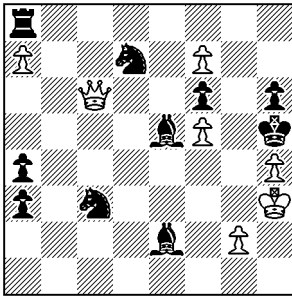
D76



+ (5+6)

1.Qc5! [1.Qxd4 Qxf5 2.Qg1 Qf3+ 3.Qg3 Qf1+ 4.Kh2/Qg2 Qh1/Qxg2# or 1.Qh7 Bg2+ 2.Kg3 (2.Kxg2 Kxg4 -+) 2...Qd6+ 3.Kxg2 Kxg4 4.f6 Qxf6 -+]
1...Bg2+ 2.Kg3 [2.Kxg2 Qxc5 -+] **2...Qb8+ 3.Qe5** [3.Qd6 Qxd6+ 4.Kxg2 Kxg4 -+] **3...Qxe5+ 4.Sxe5 g4** [4...Bd5 5.Sg4 ~ 6.Sf6#] **5.Kxg2 Kg5 6.f6** +-
 +-

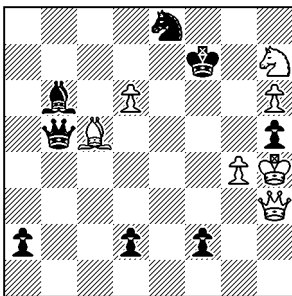
D77



+ (7+10)

1.Qc4! [1.g3,g4+? B(x)g4+] **1...Bg3! 2.f8=Q! Rxf8 3.a8=Q!** [3.a8=B? Se5 4.Qxc3 Rxa8 5.Kxg3 Rg8+ 6.Kf2 a2 =] **3...Se5 4.Qxf8 Bxc4 5.Qxf6 Be2**
6.Qe7 +- [the solution is now finished, e.g. 6...Bg4+ 7.Kxg3 Se4+ 8.Kf4 Sf2 9.Kxe5 a2 10.Qf7+ Kxh4 11.Qxa2]
 [6.Qe6? Bxh4! 7.Qxe5 Bg4+ 8.Kh2 Se2 9.f6+ Kg6 10.Qe4+ Bf5 11.Qe8+ Kxf6 12.Qxe2 Bg5 13.Qf2 Kg6 14.Qa2 Bf4+ 15.Kg1 Bg5 16.Qxa3 Bc2 17.Qd6+ Bf6 18.Kf2 Bb3 19.Ke3 Kg7 20.Kf4 Kg6 21.Qd3+ Kg7 22.g4 Bg5+ 23.Kf5 Kf8 24.Qd7 Bc2+ 25.Ke5 Bb3 26.Qd6+ Kf7 27.Qc6 Kg7 28.Qc7+ Kg6 =, or 6.Qd8? Sg6! (6...Bg4+? 7.Kxg3 Se2+ 8.Kh2 Bxf5 9.Qe8+ Sg6 10.Qxe2+ Kxh4 11.Qc4+ Kg5 12.Qxa4 Se5 13.Qxa3 Sg4+ 14.Kg3 Sf6 15.Qc1+ Kg6 16.Kf4) 7.Kxg3 Se4+ 8.Kh2 a2! 9.Qd4 (9.Qe8 a1=Q 10.Qxg6+ Kxh4 11.g3+ Sxg3 12.Qxg3+ Kh5 13.Qg6+ Kh4 14.Qg3+ =) 9...Sxh4 10.f6 Bc4 11.g4+ Kg5 12.Qe5+ Kxg4 13.Qxe4+ Kg5 14.Qe5+ Sf5 = or 7.Qe8 Bg4+ 8.Kxg3 Bxf5 9.Qf7 Se4+ 10.Kh2 Kg4 = or 7.fxg6 Be5! 8.Qd7 Kxg6 9.Qe6+ Bf6 10.h5+ Bxh5 11.g4 a2 12.gxh5+ Kg7 13.Qg4+ Kf8 14.Qc8+ Ke7 15.Qc7+ Ke6 16.Qc6+ Kf5 17.Qf3+ Ke6 =]

D78

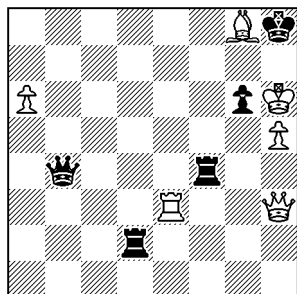


+ (7+8)

1.Sg5! [1.Qf3+? Kg8 =] **1...Kg8!** [1...Kg6 2.gxh5+ Kxh6 3.Qe6+ +-]
2.h7+ [2.Qc3? Qd7! 3.Qc4+ Kh8 4.Sf7+ Qxf7 5.Qxf7 a1=Q =] **2...Kh8**
3.Qc3+ Sg7 4.Bd4! [4.Sf7+ Kxh7 5.Qc2+ Kg8 =] **4...Qxg5+!** [4...Bxd4 5.Qc8+ Se8,Qe8 6.d7 +-] **5.Kxg5 f1=Q!** [5...Bxd4 6.Qb3 Kxh7 7.Qd3+! Kh8 8.Kh6! Be3+ 9.Kg6 a1=Q 10.d7 +- or 5...d1=Q 6.Kh6 +-] **6.Kh6!**
 [6.Kg6? Qb1+ +-] **6...Qf4+ 7.g5 Qxd6+** [7...Qxg5+ 8.Kxg5 d1=Q 9.Kh6 +-] **8.Bf6 Bd8! 9.Qb3!** [Thematic try 9.Qc4? Qf8 10.Qc5!! Qf7! 11.Qd5!! Bxf6! (11...Qf8? 12.Qxd8 Qxd8 13.Bxg7#) 12.Qxf7 Sf5+ 13.Kg6 (13.Kxh5 d1=Q+ +-) 13...Se7+ 14.Kxf6 a1=Q+ +-] **9...Qf8 10.Qa3!! Qf7!** [10...Be7 11.Qa8!! a1=Q 12.Bxa1! Bxg5+ 13.Kg6 +-] **11.Qxa2 Qf8 12.Qa3!! Qf7** [12...Be7 13.Qa8!! Bd8 14.Qxd8 +-] **13.Qb3!! Qf8 14.Qb4!! Qf7** [14...Be7 15.Qb8!! +-] **15.Qc4!! Qf8 16.Qc5!! Qf7** [16...Be7 17.Qc8!! +-] **17.Qd5!! Qxd5** [17...Bxf6 18.Qxf7 Sf5+ 19.Kg6 Se7+ 20.Kxf6 +- or 17...Qf8 18.Qxd8 +-] **18.Bxg7#**

11 ♔ sacrifices in the solution and two in the thematic try

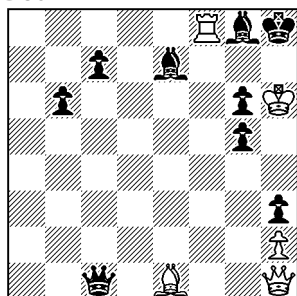
D79



+ (6+5)

1.Be8 Rf8 2.Bc4!! [2.Qf3? Rd6! (2...Kxg8 3.Qf6! Rd7 4.Qxg6+ Kh8 5.Qf6+ Kg8 6.Qg5+ Kh8 7.Qe5+ Kg8 8.Qg3+ Kh8 9.Qc3+! Qxc3 10.Rxf8#) 3.Rxf8 Qd2+ 4.Rf4 (4.Qf4 Qxf4+ 5.Rxf4 gxh5+ 6.Kxh5 Rxa6 =) 4...Rd4 5.Kg5 (5.Bf7 Qxf4+ 6.Qxf4 Rxf4 7.a7 Ra4 8.hxg6 Rh4+ 9.Kg5 Ra4 10.Kf6 Ra6+ =) 5...Qa5+ 6.Kg4 (6.Kxg6 Rd6+ 7.Rf6 Qxa6 =) 6...gxh5+ 7.Kh4 (7.Kh3 Rxf4 8.Qxf4 Qxa6 9.Qf8 Qd3+ =) 7...Qf5! (7...Rxf4+? 8.Qxf4 Qxa6 9.Qf8 +) 8.Qxh5+ Qxh5+ 9.Kxh5 Rxf4 = or 2.Qf1? Qh4] **2...Rxe8** [2...gxh5 3.Qc3+ Qxc3 4.Rxf8# or 2...Rd8 3.hxg6 Qd2+ 4.Re3 +-] **3.hxg6 Rg2!** [3...Qxc4 4.Kg5+ Kg7 5.Qh7+ Kf8 6.g7+ +- or 3...Qe7 4.Qc3+ Qe5 5.Qxe5+ Rxe5 6.g7#] **4.Qxg2 Qb6** [4...Qd6 5.Qb2+ Re5 6.Qb8+ Qxb8 7.g7#] **5.Qf2!** [5.Qg5? Qd6!] **5...Rg8! 6.Qxb6!** [6.Qg3? Rxg6+ 7.Qxg6 Qxg6+ 8.Kxg6 stalemate] **6...Rxg6+ 7.Kh5 Rxb6 8.a7 +-**

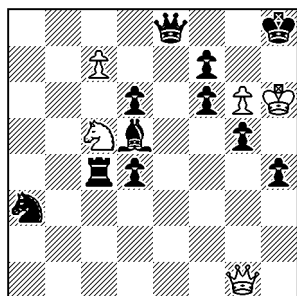
D80



+ (5+9)

1.Bb4 [A ♖ sacrifice, though non-thematic] **1...Bxf8+ 2.Bxf8 Qb2** [2...Qc3 3.Qe1 shortens the solution] **3.Qb1** [First thematic sacrifice] **3...Qd4** [Lasts longest. 3...Qf6 4.Qf1 Qd4 5.Qf2 is one move shorter; other ♖ moves fail to Qxg6] **4.Qe4** [Second thematic sacrifice, necessary to prevent ...Qh4+] **4...Qf6** [Or else Qe7 +-] **5.Qf3** [Third thematic sacrifice, necessary to defend the ♘] **5...Qd4** [5...Qe5 6.Qg3 Qd4 7.Bb4 shortens the solution, or 5...Qa1 6.Qd1 Qf6 7.Qd8 +-] **6.Qf2** [Fourth thematic sacrifice, necessary to cover h4] **6...Qa1 7.Qe1** [Fifth thematic sacrifice (7.Qg1 is loss of time)] **7...Qd4** [7...Qf6 8.Bb4 is essentially the same] **8.Bb4!** [A surprising move as it allows the ♖ a check. This only works when the ♖ is on e1] **8...Qg7+** [8...Qh4+ 9.Qxh4 gxh4 10.Bc3#] **9.Kxg5** [~ 10.Bc3] **9...Qd7 10.Bc3+ Kh7 11.Qh4#**

D81

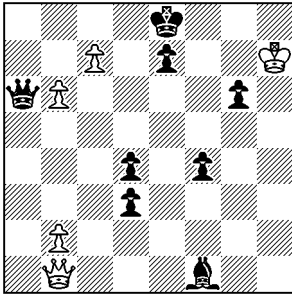


+ (5+11)

1.g7+! [1.Qe1? Qf8+!] **1...Kg8 2.Qe1! Be6** [2...Qc8? 3.Qe7! Rxc5 4.Qd8+ Qxd8 5.cxd8=Q#] **3.c8=Q!** [3.Se4? Qe7! 4.Qa5 Bc8 5.Qa8 Rxc7 +-] **3...Qxc8 4.Se4 Qd8 5.Qa5! Qe7 6.Qa7! Qd8 7.Qb6!** [7.Qb8? Bc8! (7...Rc8? 8.Qxd6 Qxd6 9.Sxf6#) 8.Qb6? Qe7 9.Qxd6 Qxd6 +-] **7...Qe7 8.Qxd6 Qxd6 9.Sxf6#**

A logical study with four thematic sacrifices in the main line and two sacrifices in the tries

D82



+ (5+8)

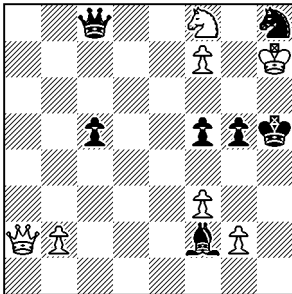
[Thematic try 1.Qa1? d2! (1...Qxa1? 2.b7 Bh3 3.b8=Q+ +-) 2.Qxf1 Qxf1 3.c8=Q+ Kf7 4.Qg8+ Kf6 5.Qf8+ Kg5 6.Qh6+ Kg4 7.Qxg6+ Kf3 8.Qh5+ Kg3 9.Qg5+ Kh2 10.b7 d1=Q 11.b8=Q Qdd3+ 12.Kg7 Qg3 -+]

1.Qa2! Qxa2! [1...Qb7 2.Qe6 (~ 3.c8=Q+) 2...Bh3 3.Qxh3 e6 4.Qxe6+ +- or 1...Qc8 2.Qg8+ Kd7 3.Qd5+ Ke8 4.Qc6+ Kf8 5.Qxg6 (~ 6.Qg8#) 5...Qh3+ 6.Qh6+ Qxh6+ 7.Kxh6 Bh3 8.b7 +- or 1...d2 2.Kg7! (~ 3.Qa4!) 2...Qxa2 (delayed acceptance) 3.c8=Q# or 2...Bb5 3.Qe6 Bd7 4.Qg8#]

2.c8=Q+ Kf7 3.Qg8+ Kf6 4.Qxa2 +- [e.g. 4...Bg2 5.Qa6! Ke5 6.Qxd3 Be4 7.Qb5+ Kf6 8.b7]

Decoy combination

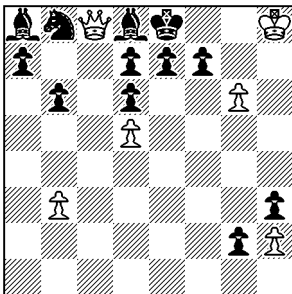
D83



+ (7+7)

1.Se6! Sxf7 2.Sg7+ Kh4 3.Qa8! Qd7 [3...Qxa8 4.Sxf5+ Kh5 5.g4#]
4.Qb7! Qd3 5.Qb3! Qd7 [5...Qb1 6.Qd1! Qxd1 7.Sxf5+ Kh5 8.g4#]
6.Qd1! Qc8 7.Qh1+ Kg3 8.Sh5#

D84

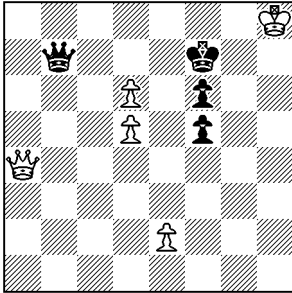


+ (6+12)

1.g7 g1=Q 2.Qc1! Qd4 [2...Qg6, Qg4 3.g8=Q+ Qxg8+ 4.Kxg8 e6 5.Kg7 Be7 (5...Sc6 6.Qh6 exd5 7.Qh5 Bg5 8.Qxg5 +-) 6.Qc8+ Bd8 7.dxe6 dxe6 (7...fxe6 8.Qxb8 Be4 9.Qxd6 Be7 10.Qb8+ Bd8 11.Qxa7 Bf5 12.Qa4 Bc7 13.Qa8+ Bd8 14.b4 Ke7 15.b5 Ke8 16.Qa6 Bc7 17.Qc8+ Bd8 18.Qc1 d5 19.Qc6+ Ke7 20.Qb7+ Kd6 21.Kf7 +-) 8.Qxb8 Bd5 (8...Be4 9.Qxa7 Bg6 10.Qa4+ Ke7 11.Qh4+ Kd7 12.Qxh3 d5 13.Qg4 Bc7 14.h4 Be5+ 15.Kg8 d4 16.h5 Bf5 17.Qg2 d3 18.Qd2 +-) 9.Qxa7 e5 10.Qa4+ Ke7 11.Qh4+ Kd7 12.Qxh3+ Be6 13.Qh6 Bxb3 14.h4 Be6 15.h5 Bh4 16.Qc1 Ke7 17.Qc7+ Bd7 18.h6 Bf6+ 19.Kg8 +-] **3.Qf4! Qc3** [3...Qf6 4.Qxf6 exf6 5.g8=Q+ Ke7 6.Kg7 Bxd5 7.Qf8+ Ke6 8.Qxd8 +-] **4.Qf3!** [4.Qg3? Qf6 5.Kh7 Qf5+ 6.Kh6 Qf6+ 7.Kh7 Qf5+ = or 4.Kh7 Qc2+, Qd3+ 5.Kh8 Qb2, Qc3 loss of time] **4...Qb2 5.Qf2! Qa1** [5...Qc3 6.Qc2! Qd4 7.Qe4 or 5...Qe5 6.Qf5! Qd4 7.Qe4] **6.Qf1! Qb2** [6...Qc3 7.Qd3! Qe5 8.Qe4] **7.Qb1! Qe5 8.Qe4!** [8.Qh7? e6 9.Qg8+ Ke7 10.Qf8+ Kf6 11.g8=Q Qh5+ 12.Qh7 Qxh7+ 13.Kxh7 Be7 14.Qg7+ Kf5 15.Qxf7+ Bf6 16.Qg6+ Ke5 = or 8.Qf5? Qd4 9.Qd3 Qe5 10.Qe4 loss of time] **8...Qa1 9.Qh7** [9.Kh7? Qg1 =] **9...e6 10.Qg8+ Ke7 11.Qf8+ Kf6 12.g8=Q Kf5+** [12...Ke5 13.Qxd8 Kxd5+ 14.Qg7, Kh7 +-] **13.Kh7 Qf6 14.Qxd8 Qxd8 15.Qxd8 Bxd5 16.Qxb8 +-**

Ten thematic ♔ sacrifices on ten different squares

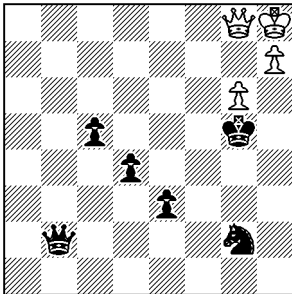
D85



+ (5+4)

1.Kh7! Kf8+ 2.d7 [2.Kg6? Qg7+ 3.Kxf5 Qg5+ +-] **2...Qxd5** [2...Ke7 3.Qc6! Qxd7 4.Qxd7+ Kxd7 5.Kg6 +-] **3.Qb4+** [3.Qa3+ Kf7 =] **3...Kf7 4.Qb7!! Qxb7 5.d8=S+ Ke7 6.Sxb7 Ke6 7.Kg6 Ke5** [7...f4 8.Sd6,Sa5] **8.Sd6! f4 9.Sc4+ Kd4 10.Kxf6 +**

D86



+ (4+6)

1.g7 d3 2.Qa2! [Thematic move, 2.Qb3? Qf6! 3.Qd5+ Kh6 4.Qd7 e2! (4...Qe5? 5.Qc6+! Kg5 6.Qd5! main) 5.Kg8 e1=Q 6.h8=Q+ Kg5! (6...Kg6? 7.Qg4+ Qg5 8.Qhh5+ Kf6 9.Qhxg5+) 7.Qd5+ Qfe5 8.Qxg2+ Q1g3 9.Qhh2 Qxg2 10.Qxe5+ Kg6 11.Qd6+ Kf5 12.Qxd3+ +- EGTB or 2.Qb8? Qf6! (2...Qxb8+ 3.g8=Q+ Qxg8+ 4.hxg8=Q+ main) 3.Qg3+ Kh6 4.Qxg2 d2 =] **2...Qe5** [2...Qxa2 3.g8=Q+ Qxg8+ 4.hxg8=Q+ main, or 2...Qf6 3.Qxg2+ Kh6 4.Qh3+ Kg6 5.Qg4+ Kh6 6.Qd7 Qe5 (6...e2 7.Kg8! e1=Q 8.h8=Q+ Kg5 9.Qhh3 +-) 7.Qc6+ Kg5 8.Qd5! Qxd5 9.g8=Q+ Qxg8+ 10.hxg8=Q+ +-] **3.Qd5!** [Second consecutive thematic move, 3.Qxg2+? Kh4 = (3...Kh6? 4.Qc6+ Kg5 5.Qd5! Qxd5 6.g8=Q+ Qxg8+ 7.hxg8=Q+ +-)] **3...Qxd5 4.g8=Q+ Qxg8+ 5.hxg8=Q+ Kf4 6.Qxg2** [6.Qc4+? Kf3 7.Qxd3 Sf4 = EGTB] **6...e2 7.Qf2+!** +- EGTB

The struggle for the promotion of the white pawns shows two consecutive thematic sacrifices, connected with black and white consecutive refusals of capture, culminating in a double Phoenix. Thematic tries and moves recur in side lines as the double Phoenix theme.