



**WORLD FEDERATION
FOR CHESS COMPOSITION**

**10th WORLD CHESS COMPOSITION
TOURNAMENT 2016-2017**

ENTRIES
SECTION C: MOREMOVERS

July 2016

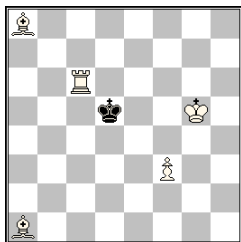
Judging countries

Armenia, Belarus, Finland, Sweden, Ukraine
(Germany as reserve)

Theme

In a variation of a moreover ($\neq n, n \geq 4$) there is a sequential play of at least two different direct white batteries. Two (or more) different rear battery pieces must be used. In the diagram position there should not be more than one white battery aimed at the black king.

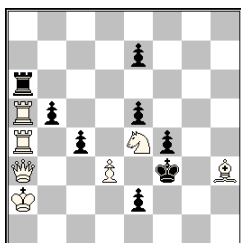
C001



1.f4! [2. ♖e5/♗f6/♘g7/♙h8 ♚e4 3. ♜c3#]
 1... ♚e4 **2. ♜c3+** ♚d4 3.f5 ♚e5 **4. ♜d3#**

±4 (5+1)

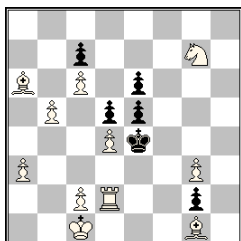
C002



1.dxc4+!
 1... ♚xe4 **2.cxb5+** ♚d5 **3.bxa6+** ♚c6 4. ♚c5#

±4 (7+8)

C003

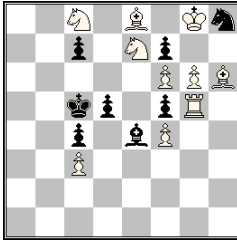


1. ♜f2! Z
 1... ♚xd4 **2. ♜f4+** ♚c3 3. ♜f3+ ♚c4 **4.b6#**
 1... ♚e3 **2. ♜f4+** ♚e2 **3.b6+** ♚e1 **4. ♗f2#**
 1... exd4 **2. ♜f4+** ♚e5 3. ♗e8 d3 **4. ♗xd4#**

Theme Kozhakin

±4 (11+6)

C004



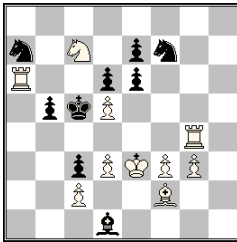
1. ♖xf5? A [2. ♜f8# B]
 1...c6 2. ♜d4 [3. ♜f8#] ♜xg6 3. ♜xg6 [4. ♜f8#]
 but 1... ♜xg6!

1. ♜f8! B [2. ♜xf5# A]
 1...c6 2. ♜xc6+ ♜b5 3. ♜b8+ ♜a5 4. ♜b4#
 1...d4 2. ♜xf5+ ♜d5 3. ♜xd4+ ♜f5 4. ♜c6#
 1... ♜xg6 2. ♜xg6#

4 battery checks on 3 lines
 Threat reversal

±4 (10+8)

C005



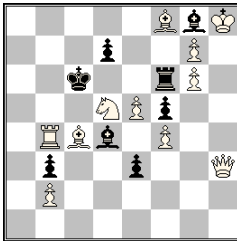
1. ♜g1? [2. ♚f2 [3. ♚~ ♚, 2...exd5 3. ♜e6# 2... ♜c6 3. ♜xc6#]
 1... ♜e5 2.d4+ ♜b4/♜c4 3.dxe5+ ♜c5 4. ♜d3#
 but 1... ♜h6!
 1. ♜e4? [2. ♜f4#] e5!

1. ♜h4! Z
 1... ♜h6 2. ♜f4+ ♜b4 3. ♜g5+ ♜g4 4. ♜xg4#
 1...e5 2. ♜e4+ ♜b4 3. ♜f5+ e4 4. ♜xe4# (2.d4+? exd4!)
 1... ♜e5 2.d4+ ♜b4/♜c4 3.dxe5+ ♜c5 4. ♜d3#
 (2. ♜f4+? ♜b4 3. ♜g5+ ♜c4!)

Triple consecutive battery play, triple battery creation at W2 moves and dual avoidance

±4 (10+9)

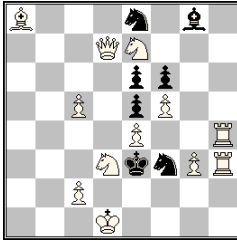
C006



1. ♜h1! [2. ♜xf6+ d5 3.exd6 e.p.+ ♜c5 4.d7#]
 1... ♜a7 2. ♜b5+ ♜b7 3. ♜a6+ ♜a8 4. ♜c7#
 1... ♜xg6 2. ♜e7+ ♜c5 3. ♜xg6+ d6 4. ♜xd6#
 1...d6 2. ♜e7+ ♜c5 3. ♜c6+ ♜xb4 4. ♜b5#
 (1... ♜xf8 2.gxf8 ♜ ♜xe5+ 3.fxe5,
 1... ♜d6 2. ♜xd6,
 1... ♜xd5 2. ♜xd5+)

±4 (11+8)

C007

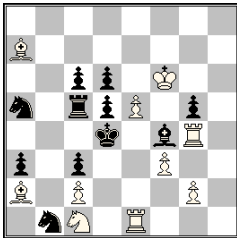


♯4 (12+7)

1. ♖a7! [2.c6+ A ♖d4 3.g4+ B ♖xe4 4.g5♯ C (4.c7+? D)]
 1... ♖d4 2.g4+ B ♖f3 3.c6+ A ♖xe4 4.c7+ D (4.g5+? C)

Every move is thematic - the key creates battery and every next move opens different battery
 Reciprocal exchange of the 2th and 3rd moves
 Reciprocal dual avoidance in the 4th move

C008

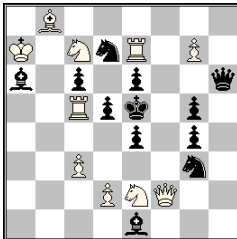


♯4 (10+11)

1.exd6? [2. ♖e~] ♖b3!

1. ♖b6! Z
 1... ♖b3/♖b7 2. ♖xb3+ ♖c4 3. ♖xc5+ ♖d4 4. ♖e6♯
 (3... ♖b4/♖b5 4. ♖xb1♯)
 1... ♖d2 2. ♖e2+ ♖e3 3. ♖xf4+ ♖d4 4. ♖e6♯
 3... ♖f2 4. ♖d3♯
 1... dxe5 2. ♖xe5 [3. ♖e2♯] ♖b3 3. ♖xb3 [4. ♖e2♯]

C009

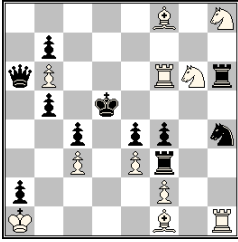


♯4 (10+12)

1... ♖xe2 2. ♖xd5+ A ♖xb8 3. ♖b6+ ♖d6 4. ♖c8♯
 1... ♖xe2 2. ♖xe6+ B ♖xb8 3. ♖d8+ ♖d6 4. ♖f5♯; 3... ♖e6 4. ♖xe6♯
 1... ♖d6 2. ♖xd7+ ♖xd7 3. ♖f7+ ♖c8/♖d8 4. ♖e8♯;
 (3... ♖d6 4. ♖xa6, ♖xe6♯)
 1. ♖f7! [2. ♖xe6+ ♖xe6 3. ♖xe6♯]
 1... ♖xe2 2. ♖xe6+ B ♖xb8 3. ♖d8+ ♖d6 4. ♖b7♯; 3... ♖e6 4. ♖xe6♯
 1... ♖xe2 2. ♖xd5+ A ♖xb8 3. ♖f6+ ♖d6 4. ♖xe4♯; 3... ♖f4 4. ♖h5♯
 1... ♖d6 2. ♖xa6+ ♖xb8 3. ♖xe6+ ♖xe6 4. ♖c7♯

Reciprocal change of the second white moves and changed third and mating moves. Dual avoidance on the second white move. Defences on the same square

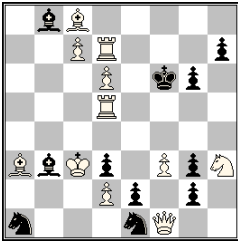
C010



♯4 (11+11)

1. ♖h3! [2. ♜d1♯]
 1... ♙a4 2. ♗e6+ ♘c6 3. ♙c8+ ♙d5 4. ♗xb7♯
 1... ♜xe3 2. ♜d6+ ♘c5 3. ♜e6+ ♙d5 4. ♗xf4♯
 1... ♜xg6 2. ♜d1+ ♙e5 3. ♗g7 [4. ♗f7♯/ ♜e6♯/ ♜xg6♯] ♜xf6 4. ♗f7♯

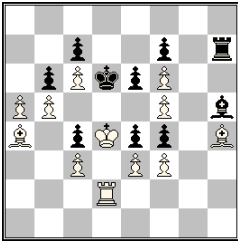
C011



♯4 (11+11)

1. ♗b2! [2. ♙b4+ ♙e6 3. ♗f4♯]
 1... ♗ac2 2. ♙xb3+ ♗d4+ 3. ♗xd4+ ♙e6 4. ♗f4♯
 1... ♗ec2 2. ♙xd3+ ♗d4 3. ♗xd4+ ♙e6 4. ♗f4♯
 1... ♗xd5 2. ♗b4+ ♙e6 3. ♜d8+ ♙f7 4. ♗g5♯
 1... ♗a7 2. ♙b4+ ♗d4 3. ♗xd4+ ♙e6 4. ♗f4♯
 1... g1 ♙ 2. ♙b4+ ♙d4+ 3. ♗xd4+ ♙e6 4. ♗f4♯
 1... g1 ♗ 2. ♙b4+ ♗d4 3. ♗xd4+ ♙e6 4. ♗f4♯
 1... g5 2. ♙b4+ ♙e6 3. ♗xg5+ ♙xd5 4. ♗b7♯
 2... ♙g6 3. ♜xg5+ ♙h6 4. ♗g7♯

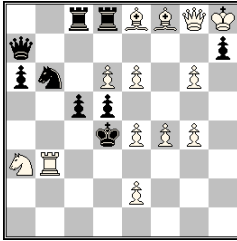
C012



♯4 (12+10)

1. exf4! [2. ♗xc4♯]
 1... exf5 2. ♗xc4+ ♙e6 3. ♗b3 [4. ♗b4♯] bxa5 4. ♗c5♯
 1... e3 2. ♗xe3+ ♙c5 3. ♗f2 [4. ♗e2♯/4. ♗e4♯] ♗xf3 4. ♗xf3♯

C013

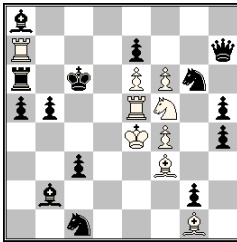


±4 (13+9)

1.g7! [2. ♖d3+ ♕xe4 3. ♗xh7+ ♕xf4 4. ♗f5#]
 (1... ♗f7 2. ♖d3+ ♕xe4 3. ♗xh7 [4. ♗f5#])
 1...c4 2. ♖c2+ ♕c5 **3.d7+** ♕c6 **4.dxc8** ♗#
 (2... ♕xe4 3. ♗xh7+ ♕xf4 4. ♗f5#)
 1...dxe4 2.e3+ ♕d5 **3.e7+** ♕xd6 **4.exd8** ♗#

Successive pawn batteries producing dual-free W♗ promotion mates

C014

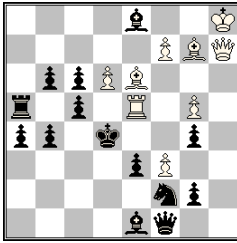


±4 (9+14)

1. ♖d7! [2. ♖d4+ ♕b6+ 3. ♖c6+ ♕xc6 4. ♖f5#]
 1... ♖f8/♖h8 2. ♖c5+ ♕b6+ 3. ♖c6+ ♕xc6 4. ♖e5#
 1... ♖a3 **2. ♖d4+** ♕b6 **3. ♖xc3+** ♖c5 4. ♖xc5#
 1...c2 **2. ♖e3+** ♕b6 **3. ♖d2+** ♖d4 4. ♖xd4#

A fourfold sequential battery play and a fourfold battery creation on the g1-b6 line in a "Theme of the Future" form: I) in the threat and after 1... ♖g~ cross-checking sacrifices by front battery pieces with Umnov effect (W3 move) and delayed W♗'s arrival on a vacated square (W4 move); II) after 1... ♖a3 and 1...c2 Siers battery play by the w♖ (W2 & W3 moves)

C015



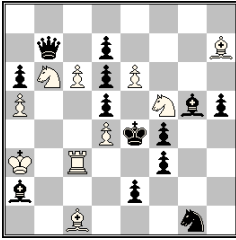
±4 (9+14)

1... ♕c3 2. ♖xc5+ ♕d2 3. ♖c2#
 1. ♖e4+? ♕d3 2. ♖d4+ ♕e2!
 1. ♖d5+? ♕c4 2. ♖d4+ ♕b5!
 1. ♖f5+? ♕d3! 2. ♖xf2??
1.fxg4! [2. ♖f5+ ♕~ 3. ♖xf2#]
 1... ♗e2 **2. ♖e4+** ♕d3 **3. ♖d4+** ♕c3 **4. ♖d1#** (3. ♖c4+? ♖e4!)
 1... ♗h1 **2. ♖d5+** ♕c4 **3. ♖d4+** ♕c3 **4. ♖d1#**, 3... ♕b5 4. ♖c4#
 1... ♖xf7 **2. ♖f5+** ♕d3 **3. ♖xf2+** ♖g6 4. ♗xg6# (2... ♕e4? 3. ♖xf7#)
 (1... ♖e4/♖xg4 2. ♖e4+ ♕c3 3. ♖xc5+ ♕d2 4. ♖c2#)

(1. ♖a2? b3! 1. ♖c2/♗f5? ♗h1+! 1.f8 ♗? ♖g6!, 1.fxe8 ♖? b3!)

Threefold setting in logical form

C016

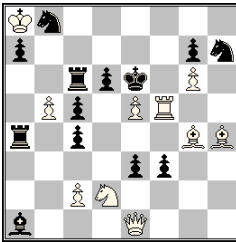


1. ♖b2! [2. ♖e3+ ♗xd4 3. ♖c2+ ♗e5 4. ♜e3#]
 1... f2 2. ♖h4+ ♗xd4 3. ♜c4+ ♗e3 4. ♙c1# - switchback
 1... e1 ♖ 2. ♖g3+ ♗xd4 3. ♜c2+ ♗e3 4. ♖f1#
 1... dxc6 2. ♖xd6+ ♗xd4 3. ♜b3+ ♗c5 4. ♖xb7#
 1... ♗b1 2. ♖e7+ ♗xd4 3. ♜d3+ ♗c5 4. ♜xd5#
 1... dxe6 2. ♖g7+ ♗xd4 3. ♖xe6+ ♗e5 4. ♜e3#
 1... ♙c4 2. ♖e7+ ♗xd4 3. ♜b3+ ♗c5 4. ♖a4#

All seven variations are thematic!
 Cross of the W ♜ on the third move

♠4 (10+13)

C017

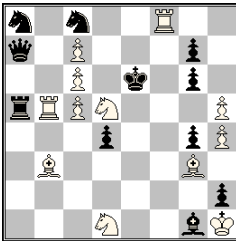


1. ♖g3! [2. ♜f4+ ♗xe5 3. ♜e4+ ♗d5 4. ♙e6#
 2... ♗d5 3. ♗xf3+ ♗xe5 4. ♗e4#]
 1... dxe5 2. ♜xe5+ ♗d6 3. ♜h5+ ♙e5 4. ♗xe5#
 1... ♖g5 2. ♜xg5+ ♗e7 3. ♜h5+ ♗e8/♗f8 4. ♜h8#
 2... ♗d5 3. exd6+ ♗d4/♙e5 4. ♗e5#
 1... ♖f6 2. ♜xf6+ ♗e7 3. ♜xd6+ ♗e8/♗f8 4. ♜d8#
 2... ♗d5 3. ♗f4 c3 4. ♙e6#
 1... ♖f8 2. ♜h5+ ♗d5 3. exd6+ ♗d4/♙e5 4. ♗xe5#
 1... c3 2. ♜h5+ ♗xg4 3. ♗xg4+ ♗d5 4. ♗c4#
 2... ♗d5 3. ♗xf3+ ♗d4/♙e4 4. ♗xe4#

5 thematic variations, cross of w ♗

♠4 (10+13)

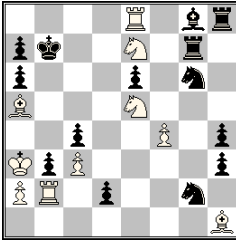
C018



1. h6! [2. hxg7 [3. ♜f6#/3.g8 ♗#/3.g8 ♙#]]
 1... ♙f2 2. ♖f4+ ♗e5 (2... ♗e7 3. ♖xg6#) 3. ♖d3+ ♗e4 4. ♖3xf2#
 (2. ♖f6+? ♗f5 3. ♖xg4+ ♗e4 4. ♖xf2#, but 3... ♗xg4!)
 1... ♗xc5 2. ♖f6+ ♗f5 3. ♖d7+ ♗e4 4. ♖xc5#
 2... ♗d5+ 3. ♙xd5+ ♗e7 4. ♜f7#, 3... ♗f5 4. ♖f~#
 2... ♗c4 3. ♙xc4+ ♗e7 4. ♜f7#
 (2. ♖f4+? ♗e5 3. ♖d3/♖e6+ ♗e4 4. ♖xc5#, but 2... ♗d6!)
 1... ♗xc7 2. ♖xc7+ ♗e7 3. ♜f7+ ♗d8 4. ♜d7#
 1... ♖e7 2. ♖xe7+ ♗xe7 3. ♙d6#

♠4 (12+11)

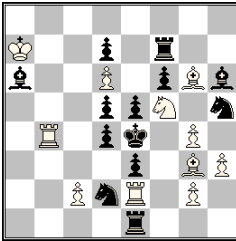
C019



♠4 (10+14)

- 1.axb3!** [2.bxc4♠]
 1...d1 ♖ 2.♖xg2 [3.♖g~ ♠]
 2...♗e3 3.♞b2+ ♗g2/♗d5 **4.bxc4♠**
 2...♗xf4 3.♞xg7+ ♗g2/♗d5 **4.♗xg8♠**

C020

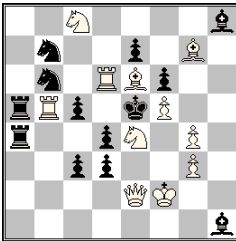


♠4 (11+13)

- 1.♗xe3+? f5 2.♗c4+ ♖xe2!
 1.♗xd4+? f5 2.♗b5+ ♗c4!
1.♞h2! [2.♗g3+ ♖f4 3.♗e4+ ♗g3 4.♞xg3♠]
 1...♞h1 2.♗xe3+ f5 3.♗c4+ ♞e3 4.♗xd2♠
 1...♗f1 2.♗xd4+ f5 3.♗b5+ d4 4.♗c3♠

Threefold setting of the theme in threat and two variations, pin mates

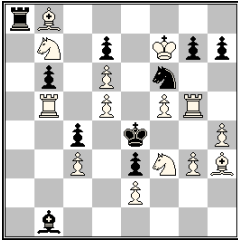
C021



♠4 (11+13)

- 1.♞c4!** [2.♞e6♠]
 1...♗xd6 2.♗xf6+ ♗e4+ 3.♞xe4+ ♞xe4 4.♗d7♠
 2...dxe2 3.♗d7+ ♖e4 4.♗xc5♠
 1...♗d8 2.♗xf6+ dxe2 3.♗d7+ ♖e4 4.♗xc5♠
 1...exd6 2.♗xc5+ dxe2 3.♗d7+ ♖e4 4.♗xf6♠

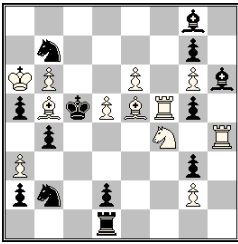
C022



±4 (14+10)

- 1. ♖g2!** [2. ♖d2+ ♕e5 3. ♖xc4#]
 1... ♗a2 **2. ♖h2+** ♕e5 3. ♖g4+ ♖xg4 **4. f6#**
 1... ♖a4 **2. ♖d4+** ♕e5 3. ♖c6+ dxc6 **4. d7#**
 1... ♗d3 2. ♖d2+ ♕e5 3. exd3 [4. ♖f3#/♖xc4#/d4#]
 or 2. ♖e1+ ♕e5 3. exd3 [4. ♖f3#/d4#] cxd3 4. ♖xd3#

C023

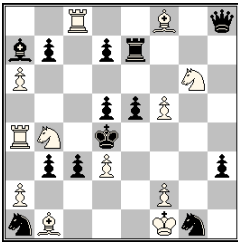


±4 (12+13)

- 1. d6!** [2. ♖f6+ ♕xd6 3. ♖d5#]
 1... ♖xd6 **2. ♖d4+** ♕xd4 **3. ♖e2+** ♕e3 4. ♖f3#
 1... bxa3 **2. ♖xb2+** ♕b4 **3. ♖d3+** ♕b3 4. ♖a4#
 2... ♕xd6 3. ♖xa3+ ♖c5+ 4. ♖xc5#
 1... gxf4 **2. ♖xf4+** ♕d4 **3. ♖xd2+** ♖f4 4. ♖hx4#
 1... ♖d3/♖c4 **2. ♖f6+** ♖e5 3. ♖xe5+ ♕d4 **4. ♖e2#**
 3... ♕xd6 4. ♖d5#
 1... ♖e1 **2. ♖f6+** ♖e5 3. ♖xe5+ ♕d4 **4. ♖e2#**
 3... ♕xd6 4. ♖d5#

1... ♖xe6 2. ♖xe6+ ♕d5 3. ♖c7+ ♕c5 4. ♖xg3#

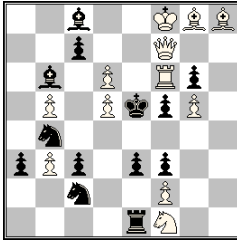
C024



±4 (12+13)

- 1. ♖e1!** [2. ♖c2+ ♕xd3 3. ♖b4+ ♕d4 4. ♖d3#]
 1... b5 **2. ♖c6+** ♕c5 **3. ♖cxe7+** ♕d6 **4. ♖g8#**, 3... ♕b6 4. ♖xd5#
 1... ♖f3+ 2. ♖d1 c2+ **3. ♖xc2+** ♕xd3 **4. ♖e1#**

C025

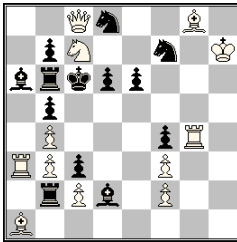


±4 (12+13)

- 1. ♖h7!** [2. ♖h4 [3. ♖xg6#] ♙e6 3. ♖xe6+ ♗xd5 4. ♖c4#]
 1... ♙c5 2. ♖e6+ ♗xd5 3. ♖e5+ ♗d4 4. ♖xe3#, 3... ♗xd6 4. ♖e7#
 1... f4 2. ♖xg6+ ♗f5 3. ♖g7+ ♗e5 4. ♖d7#, 3... ♗g4 4. ♗h2#
 2... ♗e4 3. ♖e6+ ♗xd5 4. ♖f5#
 1... ♗d4/ ♙d4 2. ♖e6+ ♗xd5 3. ♖e5+ ♗xd6 4. ♖e7#
 1... ♗d3 2. ♖xg6+ ♗e4 3. ♗g3+ ♗f4 4. ♖h4#
 1... ♙e6 2. ♖xf5+ ♗e4 3. ♖h4+ ♗d3 4. ♖c4#
 2... ♗xf5 3. ♖h4 ♖xf1 4. ♙xe6#, 3...exf2 4. ♗g3#

2 thematic variations with 3 thematic moves plus additional variation with thematic moves, square-block

C026

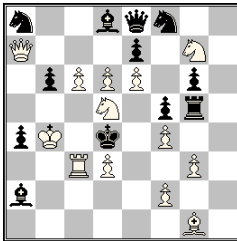


±4 (12+13)

- 1. ♖a5!** [2. ♗e8+ ♗d5 3. ♖c4+ ♗e5 4. ♖e4#]
 1... ♗e5 2. ♗xe6+ ♗d5 3. ♗xf4+ ♗d4 4. ♗e2#
 1... ♖b3 2. ♗xb5+ ♗d5 3. ♗xc3+ ♗d4 4. ♗e2#

In both variations a battery is fired three times

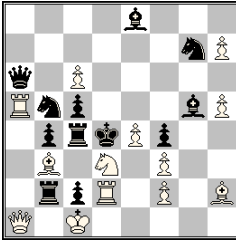
C027



±4 (13+12)

- 1. ♖b7!** [2.f3+ A ♗xd5 3.c7+ B ♖c6 4. ♖xc6# C, 3... ♗xd6 4.c8 ♗#]
 1... ♗xd5 2.c7+ B ♖c6 3. ♖xc6+ C ♗d4 4.f3# A
 1... ♖xg3 2.fxg3+ ♗xd5 3.c7+ ♖c6 4. ♖xc6#, 3... ♗xd6 4.c8 ♗#
 1... ♙c7 2. ♗xc7 [3.f3#] ♗xc7 3. ♖xb6+ ♗d5 4. ♖c5#
 1... ♙c4 2.f3+ ♗xd5 3.dxc4+ ♗xd6 4. ♖d3#

C028

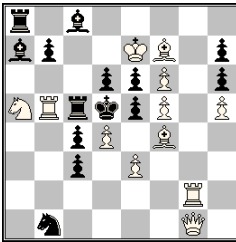


±4 (13+12)

1.h8 ♖! [2. ♖xb2+ ♕e5 3. ♖xc4+ ♕e6 4. ♖e5#]
 1... ♖c3 2. ♖xf4+ ♕e5 3. ♖fg6+ ♕f6 4. ♖e5#
 1... ♖c3 2. ♖xc5+ ♕e5 3. ♖d7+ ♕e6 4. ♖e5#

Defences on the same square (c3) and mates on the same square (e5)
 Annihilation of black mass to enable mating moves

C029



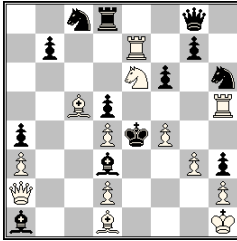
±4 (12+14)

1. ♖e2? [2.e4±, 2. ♖g8?]
 1... e4 2. ♖g8 [3. ♖xe6+ /3. ♖xc8] ♖d7 3. ♖xe6+ ♖xe6 4. ♖xe6#
 but 1... ♖e4! 2. ♖g2+ ♖d3! (2... ♖xf5? 3. ♖g6+ hxg6 4. ♖xg6#)

1. ♖h1! [2. ♖g8+ e4 3. ♖xc8 [4. ♖xe6#]]
 1... ♖b6 2. ♖d2+ e4 3. dxc5+ ♖xd2/cxd2 4. cxb6#
 1... ♖d7 2. ♖g5+ e4 3. fxe6+ hxg5 4. exd7#
 1... ♖e4 2. ♖f2+ ♖xf5 3. ♖g3+ ♖g4/ ♖g5 4. ♖h4#
 2... ♖d3 3. ♖xb1+ c2 4. ♖xc2#
 1... e4 2. ♖f1 A [3. ♖xc4#] ♖d2 3. ♖xd2 B [4. ♖xc4#]
 2... ♖a3 3. dxc5 [4. ♖d1#] ♖b1/ ♖c2/ ♖xb5 4. ♖xc4#, 3...c2 4. ♖d2#
 1... ♖d2 2. ♖xd2+ B e4 3. ♖f1 A [4. ♖xc4#]

Three thematic variations with Zabunov theme (a front piece of an initial battery becomes a rear piece of a newly created battery) and further battery creation at W3 moves after 1... ♖b6/ ♖d7.
 A changed continuation and thematic refutation in the try.

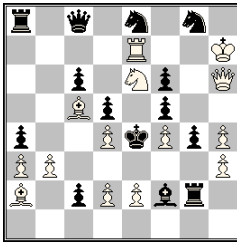
C030



±4 (13+13)

- 1. ♖b6!** [2. ♘c5+ ♗xd4 3. ♘b3+ ♗c4 4. ♘d4#]
 1... g5 2. ♘g5+ ♗f5 3. ♘f3+ ♗g4 4. ♘e5#, 3... ♗g6/♗g5 4. ♘h4#
 1... ♘xb6 2. ♗xa1 ♘e2 3. ♘xe2 g5 4. ♗b1#,
 3... ♗c8 4. ♘c5#, 3... ♗xe6 4. ♗xe6#
 2... g5 3. ♘g7+ ♗e6 4. ♗xe6#
 1... ♘xe7 2. ♘c5+ ♗xd4 3. ♘xd3+ ♗xd3 4. ♗c2#, 3... ♗e4 4. ♘f2#
- 3 White batteries in threat and variation

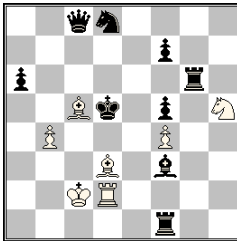
C031



±4 (14+14)

- 1. ♖b6!** [2. ♘c5+ ♗xd4 3. ♘e6+ ♗e4 4. d3#]
 1... ♗g3 2. ♘g5+ ♗xf4 3. ♘e6+ ♗e4 4. ♗f4#
 1... axb3 2. ♘c5+ ♗xd4 3. ♘xb3+ ♗c4 4. ♘d4#
 1... ♗a6 2. ♘c5+ ♗xd4 3. ♘xa6+ c5 4. ♘xc5#
 1... ♘xh6 2. ♘g7+ ♗e6 3. ♗xe6+ ♗xf4 4. ♘h5#

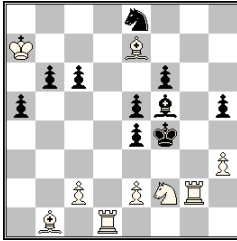
C032



±5 (7+9)

- 1. ♖b5+!**
 1... ♗e4 2. ♗d4+ ♗e3 3. ♗d3+ ♗e2 4. ♗e3+ ♗f2 5. ♗e2#
 3... ♗e4 4. ♗e3+ ♗d5 5. ♗e5#
 1... ♗e6 2. ♗d6+ ♗e7 3. ♗d7+ ♗e8 4. ♗e7+ ♗f8 5. ♗e8#
 3... ♗e6 4. ♗e7+ ♗d5 5. ♗e5#

C033

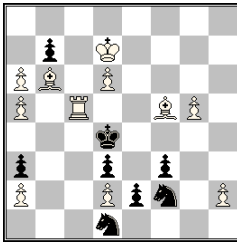


±5 (9+10)

- 1. ♖f1!** [2. ♖d1♯]
 1... ♗g4 **2. ♖xg4+** ♗g5 **3. ♖xf6+** ♗h4 **4. ♖h1** [5. ♖xe8♯] ♖xf6
 5. ♖xf6♯, 3... ♗h6 **4. ♖f8+** ♖g7 **5. ♖xg7♯**
 1... ♗e3 **2. ♖d1+** ♗d2 **3. e3+** ♗c1 **4. ♖a3+** ♗xb1 **5. ♖c3♯**
 2... ♗d4 **3. e3+** ♗c4 **4. ♖a2+** ♗b5 **5. ♖c3♯**
 1... e3 **2. ♖h1+** ♗e4 **3. c3+** ♗d5 **4. ♖a2+** ♗e4 **5. ♖g3♯**

In the first variation knight plays sequentially as a front piece of three batteries with three different rear pieces
 In the second variation, Rooks batteries are horizontal, while in the first variation they were vertical
 All three variations are thematic
 There're eight different battery moves on six different lines with four different rear pieces. Good economy

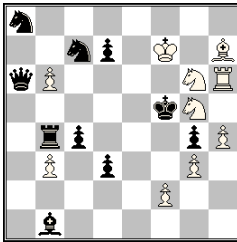
C034



±5 (11+8)

- 1. ♖e6!** [2. ♖c4+ ♗e5 **3. ♖d4+** ♗f4 **4. ♖e3+** ♗e5 **5. ♖f4♯**]
 1... ♖e4 **2. ♖d5+** ♗c4 **3. ♖d4+** ♗b5 **4. ♖c4+** ♗a4/♗b4 **5. ♖xd3♯**

C035

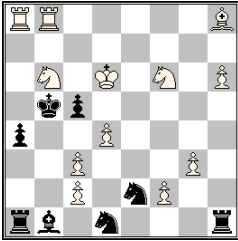


±5 (10+10)

- 1. ♖h5!** (cxb3) [2. ♖e6+ ♗e4 **3. ♖e5+** ♗d5 **4. ♖xc4+** ♗c6 **5. ♖d8♯**,
 4... ♗c4 **5. ♖c5♯**]
 1... d2 **2. ♖f4+** ♗e5 **3. ♖e4+** ♗d4 **4. ♖e2+** ♗d3 **5. ♖4c3♯**
 1... ♖xb3 **2. ♖e7+** ♗e5 **3. ♖f3+** ♗d6 **4. ♖d2** [5. ♖e4♯] ♖b7 **5. ♖xc4+**
 1... ♖a1/♖c8 **2. ♖e7+** ♗e5 **3. ♖e6+** ♗d6 **4. ♖c8+** ♗c6 **5. ♖d8♯**

Two main variations present reciprocal triple successive exchange of two batteries. Other two involve two more battery lines each

C036

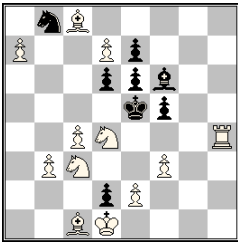


±5 (12+8)

1. ♖c7! [2. ♖a5+ ♜xa5 3. ♘c4+ ♜a6 4. ♖a8+ ♜b5 5. ♘d6♯]
 1... ♘dxc3 2. ♘bd5+ ♜c4 3. ♘e3+ ♜xd4 4. ♘h7+ ♜e4 5. ♘g5♯
 1... ♘exc3 2. ♘c8+ ♜c4 3. ♘d6+ ♜xd4 4. ♘h5+ ♜d5 5. ♘f4♯

Two thematic variations ending with echo model mates
 Full length threat with sacrificial play

C037

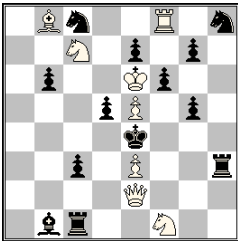


±5 (12+8)

1. ♙xd2? ♙xh4! 2. d8 ♖ ♙g5 3. ♖h8+ ♙f6 4. ♖h2+ ♜xd4 5. ♖g1 (f2)+ ♜e5...

1. ♙b2!
 1... ♙xh4 2. ♘d5 (3. ♘c6♯) exd5 3. ♘e6+ d4 4. ♙xd4+ ♜xe6 5. d8 ♘♯

C038



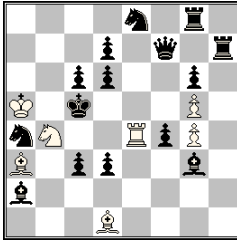
±5 (8+13)

1. ♘xd5? ♙a2!

1. ♘b5! [2. ♘xc3+ ♖xc3 3. ♘d2♯]
 1... d4 2. exd4+ ♜f4 3. exf6+ ♘d6 4. fxe7+ ♙f5+ 5. ♖xf5♯
 4... ♘f7 5. ♙xd6♯

3 pawn battery checks on 3 lines
 2 cross-checks
 Pin mate
 Capturing the defending piece is refuted by a pin

C039

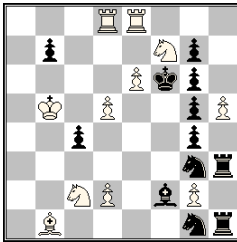


#5 (7+15)

1. ♕f3! [2. ♖xa2+ ♖d5 3. ♜xa4+ ♖e5/♖e6 4. ♜e4+ ♖d5 5. ♖xc3#]
 1... ♗e1 2. ♖c2+ ♖d5 3. ♜xf4+ ♖e5/♖e6 4. ♜e4+ ♖d5 5. ♖e3#
 1... ♗b3 2. ♖a6+ ♖d5 3. ♜xe8+ ♖c4/♖d4 4. ♜e4+ ♖d5 5. ♖c7#
 1... ♗c4 2. ♖xc6+ ♗b4+ 3. ♗xb4+ ♖d5 4. ♜e5+ ♖c4 5. ♗d5#
 1... ♗f5 2.gxf5 gxf5 3. ♖xc6+ ♖d5 4. ♜e5+ ♖c4 5. ♗d5#

A task: five variations with successive play of white batteries

C040

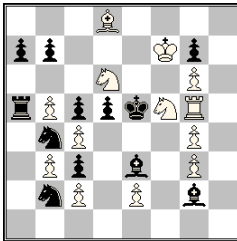


#5 (11+12)

1. ♜f8! (♗f5) [2. ♖d6+ ♖e5 3. ♖xc4+ ♖e4 4. ♖a1+ ♖d4 5. ♖b3#]
 1... ♖3~ 2. ♖h8+ ♖e5 3. ♖xg6+ ♖e4 4. ♖e3+ ♖d4 5. ♖f5#
 1... ♖1~ 2. ♖h6+ ♖e5 3. ♖xg4+ ♖e4 4. ♖e1+ ♖d4 5. ♖f3#

Three thematic variations where the first Siers battery eliminates a black pawn and the second battery uses the unguarded square for the mate Flight giving key

C041

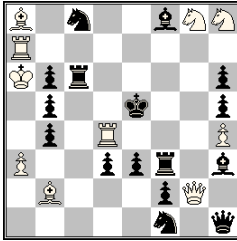


#5 (13+12)

1. ♖c7! [(1... ♜a1) 2. ♖xe3+ ♖d4 3. ♖ef5+ ♖e5 4. ♖xb7+ ♖e4 5. ♖xc5#]
 1... ♗g1/♗f2 2. ♖xg7+ ♖d4 3. ♖gf5+ ♖e5 4. ♖e8+ ♖e4 5. ♖f6#
 1... dxc4 2. ♖xb7+ ♖d5 3. ♖e7+ ♖e4 4. ♜e5+ ♖d4 5. ♖f5#
 3... ♖d4 4. ♗e5+ ♖e4 5. ♖d6#
 2... ♖e4 3. ♖e6 [4. ♖bd6#] ♜a6+ 4.bxa6 [5. ♖bd6#] ♗f4 5. ♖xc5#
 1... ♖xc4 2. ♖xc4+ ♖e4 3. ♗e5 [4. ♖fd6#] d4 4. ♖fd6+ ♖d5 5. ♗f4#
 3... dxc4 4. ♖d6+ ♖d5 5.bxc4#
 3... ♜a6 4. ♖fd6+ ♜xd6 5. ♖xd6#
 1... ♜a6 2.b6 [3. ♖b5+ ♖e4 4. ♖fd6+/♖xc3#] dxc4 3. ♖b5+ ♖d5 4. ♖e7+ ♖e4 5. ♜e5#
 2... ♖xc4/♜xb6 3. ♖b5+ ♖d6+/♜d6 4. ♗xd6+ ♖e4 5. ♖xc3#

5 thematic variations, switchback

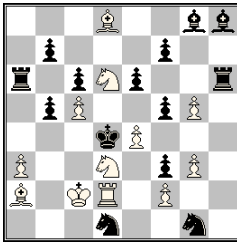
C042



±5 (10+16)

1. ♖f6! [2. ♖d5+ ♕f4 3. ♖g6♯, 2... ♕e6 3. ♖g8♯]
 1... ♖cxf6 2. ♖e4+ ♕d6 3. ♖e5+ ♕e6 4. ♖h2+ ♕f5 5. ♖e5+
 1... ♖xf6 2. ♖d5+ ♕f4 3. ♖e5+ ♕f5 4. ♖b8+ ♕e6 5. ♖e5+
 1... ♖xg2 2. ♖e4+ ♕f5 3. ♖xc6 [4. ♖d7♯] ♖g7 4. ♖xg7 [5. ♖d7♯]
 1... ♖xg2 2. ♖e4+ ♕f5 3. ♖xc6 [4. ♖d7♯] ♖xh4 4. ♖d7+ ♕g5 5. ♖h7♯

C043

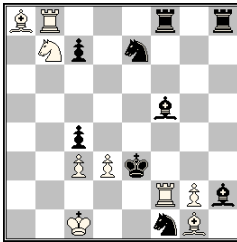


±5 (12+14)

1. ♖c7! [2. ♖b2+ ♕e5 (2... ♕xc5 3. ♖xb7♯) 3. ♖xb5+ ♕xe4 4. ♖d6+ ♕e5 5. ♖bc4♯]
 1... ♖a4 2. ♖b4+ ♕e5 (2... ♕xc5 3. ♖xb7♯) 3. ♖xb7+ ♕xe4 4. ♖d6+ ♕e5 5. ♖xc6♯
 1... ♖h4 2. ♖f4+ ♕e5 (2... ♕xc5 3. ♖xb7♯) 3. ♖xf7+ ♕xe4 4. ♖d6+ ♕e5 5. ♖g6♯

Opening and closing of battery with aim to unguard mating squares, combined with delayed Siers checkmates
 Switchback of the same piece from three different squares

C044

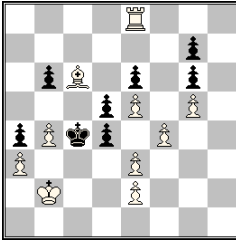


±6 (9+9)

1. ♖d1! [2. ♖f3♯]
 1... ♖xd3 2. ♖f3+ ♕e4 3. ♖c5+ ♕e5 4. ♖d4+ ♕d6 5. ♖d8+ ♖xd8 6. ♖f6♯
 1... ♖xd3 2. ♖c5+ ♕xc3 3. ♖f3+ ♖e3+ 4. ♖xe3+ ♕d4 5. ♖e4+ ♕c3 6. ♖d4♯, 4... ♖d3 5. ♖a4+ ♕d4 6. ♖e4♯

Exposure of W♖ to check
 White batteries
 Exchange of W2 and W3 moves
 Switchback of b♖
 Double checks
 Cross-checks
 Direct self-pin

C045

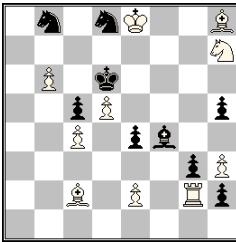


1. ♖c8!
 1...dxe3 2. ♗e8+ ♔d4 3. ♗xg6 b5 4. ♗b1 g6 5. ♖c2 ♔e4 6. ♖c4#

Zabunov
 Indian
 Umnov
 Battery play

±6 (10+8)

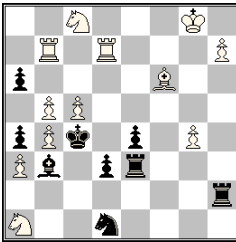
C046



1. ♘f6! [2. ♘xe4#]
 1...♔e5 2. ♘xe4+ ♔f5 3. ♘xg3+ ♔g5 4. ♘f5+ ♗g3 5. ♖xg3+ ♔f4
 6.e3#

±6 (10+9)

C047

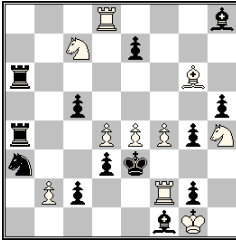


1. ♖f8! [2. ♖b6+ ♔xb5 3. ♖c8+ ♔c4 4. ♖d6+ ♔d5 5. ♖b5+ ♔c4
 6. ♖d4#, 5... ♔e6 6. ♖d6#, 5... ♔c6 6. ♖d4#/♖a7#]
 1... ♖xh7 2. ♖d6+ ♔d5 3. ♖f7+ ♔c4 4. ♖e5+ ♔c3 5. ♖f3+ ♔c4
 6. ♖d2#
 1...d2 2. ♖d4+ ♔c3 3. ♖d6+ ♔c4 4. ♖b6+ ♔xb5 5. ♖xa4+ ♔c4
 6. ♖d4#, 5... ♔xa4 6. ♖xa6#

Three variations with successive formation and play of four white batteries

±6 (12+9)

C048



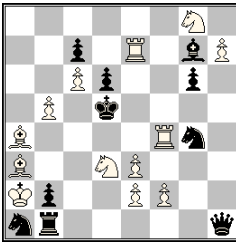
±6 (10+13)

1. ♖d5+!

1... ♔xd4 2. ♖b6+ ♔e3 3. ♖f5+ ♔xe4 4. ♖h4+ ♔e3 5. ♖xg2+ ♕xg2
6. ♖xd3#

Checks from different batteries, line openings & switchback

C049



±6 (13+10)

1. ♖e8! [2. ♖e7+ A ♔e6 3. ♖c8+ ♔d5 4. ♖b4+ B ♔c5 5. ♖a6+ ♔d5
6. ♖xc7#]

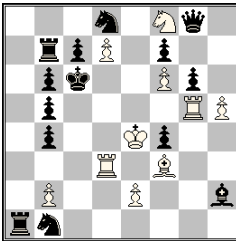
1... ♖h4 2. ♖b4+ B ♔c5 3. ♖c2+ ♔d5 4.e4+ C ♔c4 5.e5+ ♔c3 6. ♖b4#
5... ♔d5 6. ♖d4#

1... ♖e1 2.e4+ C ♔c4/♔d4 3.e5+ ♔d5 4. ♖e7+ A ♔e6 5. ♖f5+ ♔f7
6. ♖xd6# 5... ♔d5 6. ♖d4#

(1... ♖e4 2. ♖fxe4 [3. ♖f4#] g5 3.f3 [4. ♖e7#] ♕e5 4.h8 ♖ [5. ♖d4+
♕xd4 6. ♖xd4#])

First ever successive cyclic formation and play of three white batteries with a cycle of second and fourth moves **AB-BC-CA**

C050



±6 (10+14)

1.b3! [2. ♖e5+ ♔c5 3. ♖d5+ ♔c6 4. ♖d4+ ♔c5 5. ♖e4+ ♔c6 6. ♖d3#]

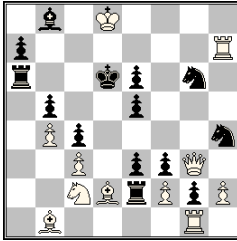
1... g5 2. ♖d4+ ♔d6 3. ♖d5+ ♔c6 4. ♖e5+ ♔d6 5. ♖e4+ ♔c6
6. ♖f5#

(1... ♖d2+ 2. ♖xd2 ♖c1 3. ♖e5+ ♔c5 4. ♖d5+ ♔c6 5. ♖d1+ ♔c5
6. ♖xc1#

1... ♖c3+ 2. ♖xc3+ bxc3 3. ♖d3+ ♔d6 4. ♖d5+ ♔c6 5. ♖d4+ ♔c5
6.b4#)

W♖-batteries, Rehm mechanism

C051



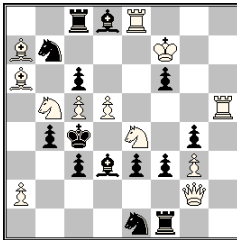
≠6

(11+14)

- 1. ♖g4!** [2. ♖d7+ ♕c6 3. ♗e4+ ♕b6 4. ♖b7♯/♗b7♯ or 3. ♗xe6+ ♖d6 4. ♗xd6♯]
 1... ♕d5 2. ♗e4+ ♕xe4 3. ♘xe3+ ♕f4 4. ♘g2+ ♕g4 5. ♘h4+ ♕h3
6. ♘g6♯
 1... ♖xd2 2. ♖d7+ ♕c6 3. ♘d4+ ♖xd4 4. ♗xd4 exd4 5. ♖e4+ ♕b6
6. ♖b7♯
 1... e4 2. ♗xe4 e5 3. ♘d4 ♖f8 4. ♘b5+ ♕e6 5. ♖e7+ ♕f6 6. ♗xh4♯
 3... ♖c7+ 4. ♖xc7 [5. ♖d7♯] ♘f8 5. ♖c6+ ♖xc6 6. ♗xc6♯
 1... ♘f4 2. ♗g7 [3. ♗d7♯] e4 3. ♗d4+ ♘d5 4. ♖d7+ ♕c6 5. ♗c5♯
 2... ♖c7+ 3. ♗xc7+ ♕d5 4. ♘e3+ ♖xe3 5. ♗c5♯
 1... ♘f8 2. ♘d4 [3. ♖d7+ ♘xd7 4. ♗xe6♯] ♘f5 3. ♘b5+ ♕c6 4. ♗xc4+ ♕b6 5. ♗c5♯
 1... ♘e7 2. ♖xe7 [3. ♗xe6♯] ♘f5 3. ♖d7+ ♕c6 4. ♗e4+ ♕b6
5. ♗b7/♖b7♯
 1... ♖c7+ 2. ♖xc7 [3. ♖d7+] ♕d5 3. ♖c5+ ♕d6 4. ♘d4
 [5. ♘b5♯/♗xe6♯] exd4 5. ♗xd4♯

4 consecutive white batteries are fired, with the same front piece but different rear pieces; 3 of the batteries are assembled during the play

C052



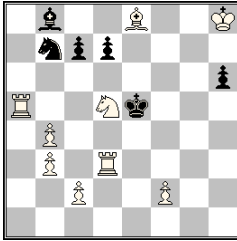
≠6

(12+14)

- 1. ♖c2!** [2. ♗b3♯]
 1... ♖xc2 2. ♘c7+ ♕d4 3. ♘e6+ ♕xe4 4. ♘g5+
 4... ♕xd5 5. ♘xf3+ ♖f5 6. ♖xf5♯, 5... f5 6. ♖e5♯
 4... ♕d4 5. ♖e4+ ♕xd5 6. ♖c4♯, 5... ♖xe4 6. ♘e6♯
 1... ♘xc2 2. ♘bd6+ ♕d4 3. ♘f5+ ♕xd5 4. ♘e7+
 4... ♕xe4 5. ♘xc6+ ♖e7 6. ♖xe7♯
 4... ♕d4 5. ♖d5+ ♕xe4 6. ♖xd3♯, 5... cxd5 6. ♘f5♯

Two variations showing mutual battery play of the white knight between the two rooks motivated by the un-guard of either d3 or c4
 Two sub-variations in each of the main variations, decided by the black king 4th move
 Two switchbacks of the white knight, one in each variation
 Sacrificial key

C053



≠7

(9+6)

1. ♖a1 with multiple threats

1... ♖d6

(1...c5 2. ♖e1+ ♖d6 3. ♗e7+ ♖c7 4. ♖xd7+ ♖b6 and mate in 3;

1... ♗d6 2.f4+ ♖e6 3. ♖e1+ ♗e4 4. ♖xe4+ ♖f5 5. ♖e5+ ♖g4 6. ♗xd7+ ♖h4 7. ♖h3♯)

2. ♗f4+ ♖e7

(2... ♖e5 3. ♗h5 ♗c5 4. ♖e1+ ♖f5 5. ♖f3+ ♖g4 6. ♖g3+ ♖f5 7. ♗g6♯)

3. ♖e1+ ♖d8 4. ♗e6+ ♖e7

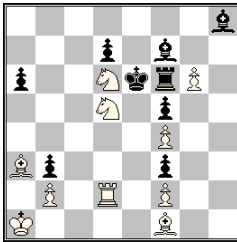
(4... ♖xe8 **5. ♗g7+ ♖f7** 6. ♖f3+ ♖g6 7. ♖g1♯)

5. ♗d4+ ♖d6 (5... ♖f6 6. ♖g3; 5... ♖d8 6. ♗c6+ ♖c8 7. ♗xd7♯)

6. ♖e6+ dxe6 **7. ♗c6♯**

White's original battery on the 5th rank is recreated on the e-file, where it fires in sequence with the d-file battery

C054



≠7

(10+9)

Short threat 1. ♗d3! ~ 2. ♖d1 ~ 3. ♗c4 ♖xg6 4. ♖e1+ ♗e5 5. ♖xe5♯ is a Foreplan to provoke Black to capture W ♗f4, but abandoning guard of g7. This prepares the thematic main plan of the full threat with 2 batteries

1. ♗d3!

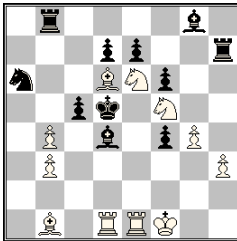
1... ♗g7 2. ♖d1 ♗h6 3. ♗c4 ♗xf4 **4. ♗b6+ ♖e7** **5. ♗xf5+ ♖d8**

6. ♖xd7+ ♖e8 7. ♗g7♯, 5... ♖e8 6. ♗g7+ ♖d8 7. ♖xd7♯

1... ♖xd5 **2. ♗b5+ ♖e6** 3. ♗e4 d6 4. ♖xd6+ ♖e7 **5. ♖d7+ ♖e8**

6. ♗xf6+ ♗xf6 7. gxf7♯

C055



≠7

(11+11)

1. ♗e4+? ♖xe6 2. ♗d3+ ♖d5 3.b5? ♖xb5!

1. ♗d8! [2. ♗e4♯]

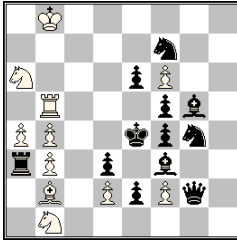
1... ♖xd8 2. ♗e4+ ♖e6 **3. ♗d3+ ♖d5** 4.b5 [5. ♗c4♯] ♗e3 5. ♖xe3 fxe3

6. ♗e2+ ♖e4 7. ♗g3♯, 6... ♖e6 7. ♗c4♯

3... ♖f7 4. ♖xe7+ ♖g6 **5. ♗h4+ ♖g5** 6. ♗f3+ ♖h6 7. ♗xf4♯

4... ♖f8 **5. ♖g7+ ♖e8** 6. ♖xg8+ ♖f7 7. ♗c4♯

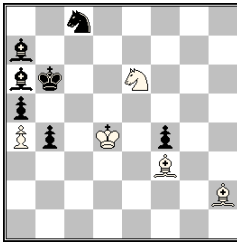
C056



♯7 (11+12)

1. ♖c7! [2. ♚e5+ ♜gxe5/♜fxe5 3. ♖c5+ ♚d5 4. ♖c3+ ♚d4 5. ♖xe6♯]
 1... ♙xf6 2. ♖c5+ ♚d5 3. ♖d7+ ♚e4 4. ♖xf6+ ♖xf6 5. ♖c3+ ♚d4
 6. ♖d5+ ♚e4 7. ♖xf6♯
 1... ♜xf2 2. ♖c3+ ♚d4 3. ♖d1+ ♚e4 4. ♖xf2+ ♖xf2 5. ♖c5+ ♚d5
 6. ♖xd3+ ♚e4 7. ♖xf2♯

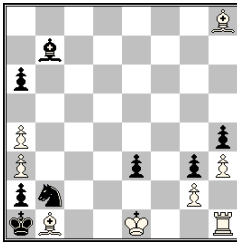
C057



♯8 (5+7)

1. ♙xf4? [2. ♚c7♯] ♙a6~!
 1. ♚e5? A [2. ♙g1♯ B] ♙b8+!
 1. ♙g1! B [2. ♚e5♯ A]
 1... ♙b8 2. ♚d5+ ♚b7 3. ♚c5+ ♚a7 4. ♚c6+ ♖b6 5. ♙xb6+ ♚a8
 6. ♖c7+ ♙xc7 7. ♚xc7+ ♙b7 8. ♙xb7♯ (4... ♚a8 5. ♖c7+ etc.)
 1... ♙a6~ 2. ♚e5+ ♚a6 3. ♖c7♯
 4 battery check on 2 lines
 Threat reversal

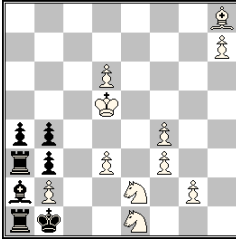
C058



♯8 (8+8)

- After 1. ♙c2 (d3,f5,g6,h7)? ♙xg2! 2. ♚g1 ♙f3 White can play 3. ♙e4! ?
 ♙xe4 4. ♚e2 ♙b1 5. ♚e3 a5 6. ♚d2 g2 7. ♚c1 ♙~ 8. ♙xb2♯, but
 3... ♙d1! 4. ♚g2 e2 5. ♚d2 e1 ♚ 6. ♚*e1 ♙c2 7. ♚xc2 ♚b1! or 5. ♚xe2
 ♙xe2 6. ♚d2 g2 7. ♚c2 ♙d1+!
 So
 1. ♙e4!
 1... ♙xe4 2. ♚e2+ ♙b1 3. ♚xe3 a5 4. ♚d4
 4... ♖d1 5. ♚c4+ ♖b2+ 6. ♚c3 ♖d1+ 7. ♚b3+ ♖b2/♖c3 8. ♙xc3♯
 4... ♖xa4 5. ♚e3+ ♖b2 6. ♚d2 a4 7. ♚c1 ♙~ 8. ♙xb2♯

C059

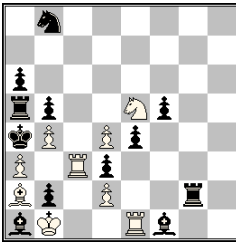


±8 (11+7)

1. ♖d4! (♙e5?) [front ♖d4, rear ♗h8]
 1... ♗xb2 **2. ♜c5+** (♙c4+?) ♙b1 3. ♗b2 ♙xb2 4. h8♙+ ♙b1 5. d4 [front ♖d4, rear ♗h8] ♙b2 (5... Pb2 6. ♗h7♯) **6. d5+** ♙b1 7. ♗d4 b2 8. ♗d1♯

Two different batteries are created on the same squares with different front pieces (b♖d4/bPd4) and different rear pieces (w♗h8/w♗h8)

C060

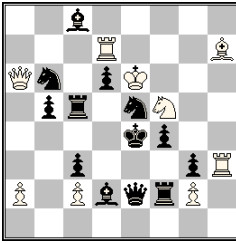


±8 (9+12)

1. ♗b3+? ♙xa3!
1. ♖e3!
 1... ♗xd2 2. ♗b3+ ♙xa3 3. ♗c2+ ♙xb4 4. ♗b3+ ♙a4 5. ♗bxd3+ ♙b4
 6. ♗b3+ ♙a4 **7. ♗a3+** ♙b4 8. ♗eb3♯
 (5... ♗xc2? 6. ♗a3+ ♙b4 7. ♗eb3♯]

Grimshaw white
 Zabunov
 Umnov
 Ambush
 Switchback
 Battery play
 Bristol

C061

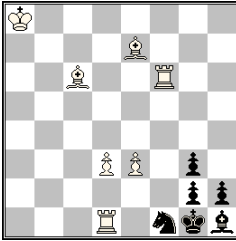


±8 (9+13)

1. ♘xd6+? ♙d4! (1... ♙e3? 2. ♘f5+)
1. ♘xg3+!
 1... ♙e3 **2. ♘f5+** ♙e4 **3. ♘xd6+** ♙d4 **4. ♘xb5+** ♙c4 **5. ♘d6+** ♙d4
 (5... ♙b4 6. a3♯) **6. ♘f5+** ♙e4 **7. ♘g3+** ♙e3 **8. ♘f1♯**
 1... ♙d4 2. ♘f5+ ♙c4/♙e4 3. ♘xd6+ ♙d4 4. ♘xb5+ ♙c4 5. ♘d6+ etc.

W♘ successively opens 4 different battery lines
 All 8 moves are thematic

C062



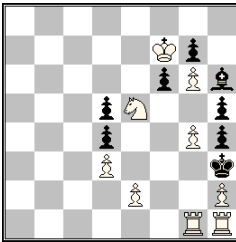
±9

(7+6)

1. ♖f3! ♜f2 **2. ♜g4+** (here is a try) ♜g1 3. ♜c6 ♜f2 4. ♜c2+ ♜g1
 5. ♜c8 ♜f2 6. ♜f8+ ♜g1 7. ♜f6 ♜f2 **8. ♜d4+** ♜g1 **9. e4±**
 4... ♜d2 5. ♜dxd2+ ♜xe3 6. ♜e2+ ♜xd3 7. ♜f5+ ♜d4
 8. ♜f6+ ♜d5 9. ♜ed2±
 4... ♜xe3 5. ♜e1+ ♜xd3 6. ♜f5+ ♜d4 7. ♜f6+ ♜d5 8. ♜d1+
 ♜d2 9. ♜dxd2±

Try: 2. ♜b4? g1 ♜! (2... ♜d2 3. ♜xd2+ ♜xe3 4. ♜e2+ ♜xd3 5. ♜d6+
 ♜c4 6. ♜c6+ ♜b3 7. ♜c3 ♜a3 8. ♜b2 ~ 9. ♜a6±, 2...g1 ♜ 3. ♜xh1+
 ♜e2 4. ♜f3+ ♜f2 5. ♜e4+ ♜xe3 6. ♜c5+ ♜e2 7. ♜f3±) 3. ♜xh1+ ♜e2!
 (3... ♜f3 4. ♜xf3+ ♜e2 5. ♜3xf1 g2 6. ♜xg2 h1 ♜ 7. ♜xh1 ♜xe3 8. ♜c5+
 ♜e2 9. ♜f3±) 4. ♜e1+ ♜xd3 5. ♜d6+ ♜c4! 6. ♜c1+ ♜b3! 7. ♜d5+ ♜b2
 8. ♜a3+ ♜xa3 9. ♜b1 & 10. ♜a6±, too long

C063



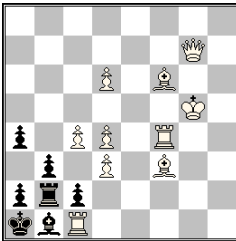
±9

(9+8)

1. g5!
 1...fxg5 (1... ♜xg5? leads to short mate) 2. ♜g4 hxg4 3. ♜e6 g3
4. hxg3+ ♜g4 **5. gxh4+** ♜h5 **6. hxg5+** ♜xg6 **7. gxh6+** ♜h7 **8. hxg7+**
 ♜g8 9. ♜h8±

White fires his h-file battery and creates a new battery on the g-file, which also fires and recreates the battery on the h-file. This process is repeated, with the h-file battery firing 3 times and the g-file battery twice

C064

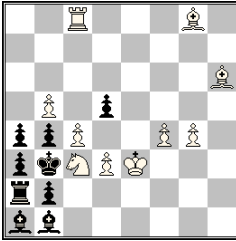


±9

(10+7)

1. ♜b7!
 1...a3 2. ♜xb3 ♜xb3 **3. d5+** ♜b2 4. ♜d4 ♜~ **5. ♜e4+** ♜b2 6. ♜xc2
 ♜xc2 7. ♜e1+ ♜b1 8. ♜d1 ♜~ **9. ♜(x)c2±**

C065



±9 (10+9)

1... ♖xc3 2. cxd5+ ♖b3 3. d6±

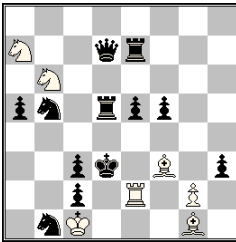
1. ♘e2? ♖c2!

1. cxd5!

1... bxc3 (1... ♖c2 2. ♘xb1 with mate in 6) **2. d6+** ♖c2 (2... ♖b4 3. d7 with mate in 4) 3. ♘e2 ♖c1 **4. f5+** (but not 4. ♖xc3? ♘c2 5. f5 with mate on 12th move) ♖c2 5. ♖c4 (not 5. ♘e1? ♖xd3 6. d7 ♖e4 7. ♖f2 ♖e5 8. d8 ♖c2 9. ♖d5 - mate on 10th move) ♖b3 **6. ♖f4+** ♖c2 7. ♘c4 (not 7. ♘e1? ♖xd3 8. d7 - mate on 10-th move) ♖c1 **8. ♖f2+** ♖c2 **9. ♘e1±**

Seven different batteries

C066

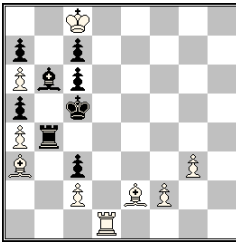


±10 (7+12)

1. ♖e3+!

1... ♖d4 **2. ♖e1+** ♖d3 3. g3 [4. ♘e2+ ♖e4 5. ♘d1+ ♖d3 6. ♘xc2±] ♘5a3! 4. ♘c6 [5. ♖e3±] ♖xc6 5. ♘e2+ ♖e4 **6. ♘g4+** ♖d3 7. ♘xf5+ e4 8. ♖e3+ ♖d4 **9. ♖xe4+** ♖d3 **10. ♖e5±**
 (4... ♘c4 5. ♘e2+ ♖e4 6. ♘d1+ ♘e3 7. ♖xe3±, 6... ♖d3 7. ♘xc2±, 3... ♘d4 4. ♖e3±, 3... ♘1a3 4. ♘e2+ ♖e4 5. ♘g4+ ♖d3 6. ♘xh3 7. ♘f1±)
 (4. ♘e2+? ♖e4 5. ♘g4+ ♖d3 6. ♘c6 (♖xc6?) f4!, 3. ♘c6? ♖xc6!)

C067

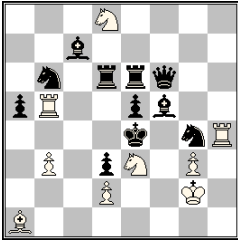


±11 (9+8)

1. ♖d3!

1... ♖c4 **2. ♖d8+** ♖c5 3. ♘h5 ♖c4 4. ♘f7+ ♖c5 5. ♖d7 ♖d4 **6. ♖e6+** ♖c4 **7. ♖e5+** ♖c5 8. ♘h5 ♖c4 9. ♘e2+ ♖c5 10. ♖d3 ♖c4 **11. ♖d5±**

C068



±11 (9+11)

1. ♖xe5? ♗xe5/♞xe5!

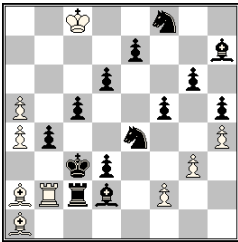
1. ♖d1! [2. ♖f2♯]

(1... ♖h7? 2. ♗xg4 ♖f5 3. ♖e3♯, 2... ♗f4 3. ♗xf4+ ef 4. ♖f2♯)

1... ♗xh4 2. ♖c3+ ♖d4 **3. ♖a4+** ♖e4 4. ♖c5+ ♖d5 **5. ♖xe6+** ♖e4
6. ♖c5+ ♖d5 **7. ♖a4+** ♖e4 8. ♖c3+ ♖d4 **9. ♖d1+** ♖e4 10. ♖f2+ ♖xf2
11. ♗xe3♯

Four battery checks in sequence with two different rear pieces
Logical play by white to eliminate black guards on e5
Five W♖ switchbacks and pendulum play of B♗

C069



±11 (9+14)

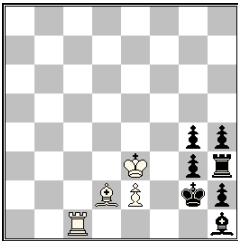
1. ♖b3+!

1... ♖c4 **2. ♖c3+** ♖d4 **3. ♖c4+** ♖d5 **4. ♖d4+** ♖e5 (4... ♖c6 5. ♖d5♯)

5. ♖d5+ ♖e6 **6. ♖e5+** ♖f6 **7. ♖e6+** ♖f7 **8. ♖f6+** ♖g7 (8... ♖e8

5. ♖f7♯) **9. ♖f7+** ♖g8 (9... ♖h6 5. ♖g7♯) **10. ♖g7+** ♖h8 **11. ♖g8♯**

C070



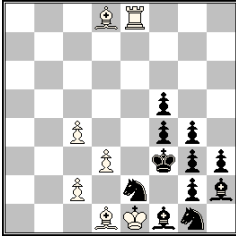
±13 (4+7)

1. ♖e1!

(1. ♖d3? ♖f2 2. ♖e1+ ♖f1 3. ♖a5+ ♖g2 4. ♖d8 ♖f2 5. ♖b6+ ♖g2 6. e4 ♖f3 7. ♖c5 ♖f2 8. ♖f5+ ♖g2 9. ♖e3 ♖g1 10. ♖e2+ ♖g2 11. ♖c5 ♖g1 12. ♖c3+ ♖g2 13. ?..)

1... ♖f1 **2. ♖a5+** ♖g2 3. ♖d3 ♖f2 4. ♖b6+ ♖g2 5. e4 ♖f3 6. ♖c5 ♖f2
7. ♖f5+ ♖g2 8. ♖e3 ♖g1 **9. ♖e2+** ♖g2 10. ♖c5 ♖g1 11. ♖c3+ ♖g2
12. ♖e3 ♖g1 **13. ♖xg3♯**

C071

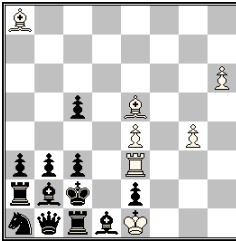


♯14 (7+11)

1. ♖e7!
 1... ♖e3 **2. ♜f6+** ♖f3 3. ♜e5 ♖e3 **4. ♜c3+** ♖f3 5. ♜d8 ♖e3 6. ♜d2+ ♖f3 7. ♜a5 ♖e3 8. ♜b6+ ♖f3 (8... ♗d4? 9. ♜xd4#) 9. ♜d4 ♖e3 **10. ♜d5+** ♖f3 (10... ♗d4? 11. ♜xd4#) 11. ♜c5 ♖e3 **12. ♜e5+** ♖f3 13. ♜e3 fxe3 14. ♜xf5#

Interchange of functions of W ♜-W ♜ as front piece & rear piece. The front piece plays its role on two different squares on each battery. White sacrifice so that the black pawn moves off the mating line. Pin-mate

C072

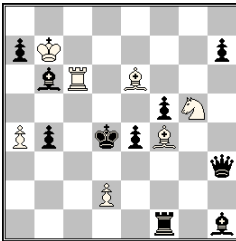


♯14 (7+12)

1. ♜h3!
 1...c4 2. ♜g3 ♖d3 **3. ♜f2+** ♖c2 4. ♜h5 ♖d3 5. ♜d5+ ♖c2 6. ♜f5 ♖d3 7. ♜f3+ ♖c2 8. ♜f8 ♖d3 9. ♜d8+ ♖c2 10. ♜d5 ♖d3 **11. ♜c6+** ♖c2 12. ♜d7 ♖d3 **13. ♜f5+** ♖c2 **14. e5#**
 (5... ♖e4? 6. ♜f5+ ♖d3 7. ♜f3+ ♖c2 8. ♜e4#)

Indian
 Zabunov
 Battery creation

C073

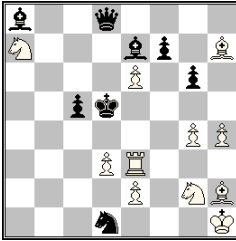


♯17 (7+10)

1. ♜c4#? (plan-0), but 1... ♖d3! Need d4 exd3 e.p. (plan-1)
 a) 1. ♜d6+ ♖c5 2.d4+?, but 2...exd3 e.p.+! Need ♗f3 ♜xf3 (plan-2)
 b) 1. ♜d6+ ♖c5 2. ♗f3? (3. ♜c6#) ♜xf3? (plan-1) 3.d4+ exd3 e.p. (plan-2) 4. ♜c6+ ♖d4 5. ♜c4# (plan-0), but 2... ♜xf3! Need ♜g3 (plan-3)
1. ♜d6+! ♖c5 2. ♜d5+ ♖c4 **3. ♜d7+** ♖c5 4. ♜d6+ ♖d4 **5. ♜g3+** (plan-3) ♖c5 (It's still too early for 6. ♗f3? (plan-2) f4! (6... ♜xf3?) - the threat must be ♜c6# (plan-2a)) 6. ♜d5+ ♖c4 **7. ♜d6+** ♖c5 8. ♗f3! [9. ♜c6#, plan-2a] ♜xf3 (plan-2) (8... ♜xf3/b3 - ♯13) 9. ♜d5+! ♖c4 (9. ♜e5? b3!) **10. ♜d7+** ♖c5 11. ♜d6+ ♖d4 **12. ♜f4+** ♖c5 13. ♜d5+! (13.d4+? exd3 e.p. 14. ♜d5+ ♖c4 15. ♜d6+ ♖c3!) ♖c4 **14. ♜d6+** ♖c5 15.d4+ exd3 e.p. (plan-1) 16. ♜c6+ ♖d4 17. ♜c4# (plan-0), model mate.

Different batteries play sequentially four times

C074

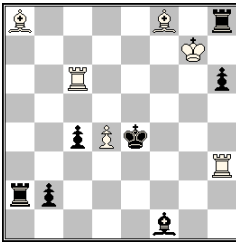


♯17 (11+8)

1. ♖e5+!

1... ♖d6 (1... ♖d4 2. ♗b5♯) 2. ♜e4+ ♖d5 3. ♗f4+ ♖d6 4. ♗xg6+ ♖d5
 5. ♗f4+ ♖d6 6. ♗g2+ ♖d5 7. ♜e5+ (7. ♗f5? too slow, 7. ♗e4 ??) ♖d6
8. ♜e3+ ♖d5 9. ♗e4+ ♖xe6 10. ♗f5+ ♖d5 (10... ♖f6 11. ♗e5♯)
 11. ♜e5+ (11. ♗f4+? ♖d4+) ♖d6 12. ♜e4+ ♖d5 13. ♗f4+ ♖d6
14. ♗e6+ ♖d5 (14... ♖d7 15. ♗c7, ♗g7♯) 15. ♜e5+ ♖d6+ **16. ♜d5+**
 ♖xd5 17.e4♯

C075



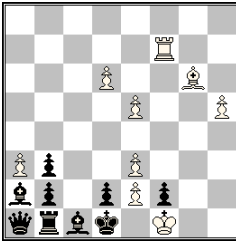
♯19 (6+7)

1. ♜e6+? ♖f5 2. ♜f6+ ♖g4)

1. ♜a6+!

1... ♖xd4 2. ♜d6+ ♖c5 3. ♜c6+ ♖d5
 (3... ♖b5 4. ♜h5+ ♖a4 5. ♜b6; 3... ♖d4 4. ♗c5+ ♖d5 5. ♜h5+ ♖e4
 6. ♜e6+ ♖d3 (6... ♖f4 7. ♜e4+ ♖f3 8. ♜e3+ ♖g4 9. ♗f3+ ♖f4
 10. ♜h4+) 7. ♜e3+ ♖c2 8. ♜h2+ ♗e2 9. ♜hx2+)
4. ♜c5+ ♖d4 5. ♜d5+ ♖e4 6. ♜a5+ ♖d4 7. ♗c5+ ♖e5 8. ♗a3+ ♖d4
 9. ♜d5+ ♖e4 10. ♜d8+ ♖e5 11. ♜e3+ ♖f5 12. ♜f3+ ♖e6 13. ♜d6+
 ♖f5 18. ♜f3+ ♖g5)
 13... ♖e5 14. ♜d5+ ♖e4 15. ♜e6+ ♖f3 16. ♜d3+ ♖f4 17. ♜e4+
 ♖f5 18. ♜f3+ ♖g5)
 13... ♖e5 14. ♜d5+ ♖e4 15. ♜d8+ ♖e5 16. ♗d6+ ♖d4 17. ♗f8+ ♖e5
 18. ♜e8+ ♖d4 19. ♜e4♯

C076



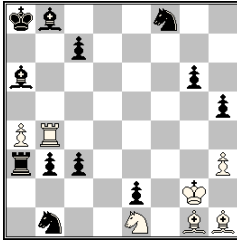
♯19 (9+9)

1. ♗f7??

1. ♜f5!

♖c2 2. ♜f8+ ♖d1 3. ♗f7 ♖c2 4. ♜c8+ ♖d1 5. ♗c4 ♖c2
6. ♗g8+ (6. ♗d3+? ♖d1 7. ♗c2+ bc2 8. ♗g8 ♗xg8) ♖d1 7. ♜f8 ♖c2
 8. ♗h7+ ♖d1 9. ♜f5 ♖c2 10. ♜f7+ ♖d1 11. ♗g8 ♖c2 12. ♜c7+ ♖d1
 13. ♗c4 ♖c2 14. ♗d3+ ♖d1 15. ♗c2+ bxc2 16. ♜g7 ♗~ 17. ♖xf2
 ♗g6(g4,g2) 18. ♜x♗ - 19. ♜g1♯
 16... ♗c4 17. ♖xf2 ♗xe2 18. ♜g1+ ♗f1 19. ♜xf1♯

C077



≠20

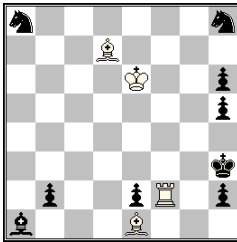
(7+12)

1. ♖f2+! ♖a7 2. ♜f3+ ♖a8 3. ♛e3+ ♖a7 4. ♜e4+ ♖a8 5. ♜d4+ ♖a7
6. ♜d5+ ♖a8 7. ♜c5+ ♖a7 8. ♜c6+ ♖a8 9. h4!

After 9... ♖a1/ ♖a2/b2/c2 (any other black move leads to a shorter mate) follows:

10. ♜c5+ ♖a7 11. ♜d5+ ♖a8 12. ♜d4+ ♖a7 13. ♜e4+ ♖a8 14. ♜e3+ ♖a7 15. ♜f3+ ♖a8 16. ♜f2+ ♖a7 17. ♜g2+ ♖a8 (or 17... c5 18. ♜xc5+ ♖a8 19. ♜h3+/ ♜g1+/ ♜f2+ ♜b7 20. ♜xb7#) 18. ♜h3+ c6 19. ♜xc6+ ♜b7 20. ♜xb7#

C078



≠39

(4+9)

1. ♖f5? ♜b6! 2. ♜e5 ♖g3

1. ♖f6+!

1... ♖g3 2. ♜f5+ ♖g2 (2... ♖h3 3. ♜g5#, 2... ♖g4 3. ♜f1#)
3. ♜c6+ ♖g1 4. ♜f2+ ♖f1 5. ♜c5+ ♖e1 6. ♜b4+ ♖d1 7. ♜a4+ ♖c1
8. ♜c5+ ♖b1 9. ♜c2+ ♖c1 10. ♜e4+ ♖d1 11. ♜d5+ ♖c1 12. ♜d2+ ♖d1 13. ♜xh6+ ♖e1 14. ♜d2+ ♖d1
(14... ♖f2 15. ♜f5+ ♖g3 16. ♜e1+)
15. ♜g5+ ♖e1 16. ♜h4+ ♖f1 17. ♜f5+ ♖g1 18. ♜g5+ ♖f1 19. ♜g2+ ♖g1 20. ♜xa8+ ♖f1 21. ♜g2+ ♖g1 22. ♜e5+ ♖f1 23. ♜f5+ ♖g1
24. ♜f2+ ♖f1 25. ♜c5+ ♖e1 26. ♜b4+ ♖d1 27. ♜b3+ ♖c1 28. ♜c5+ ♖b1 29. ♜xh5 ♖c1 30. ♜c5+ ♖b1 31. ♜d5 ♖g6 32. ♜xg6 h1 ♜
33. ♜xh1 ♖a2 34. ♜d5+ ♖b1 35. ♜c4 e1 ♜ 36. ♜xe1 ♖a2 37. ♜d4+ ♖a3 (37... ♖b1 38. ♜b3)38. ♜d3+ ♖a4 39. ♜c6#