

# וריאנטים 80 Variantim 80

## April 2020

### מקוריות: פתרונים והערות

# Originals: Solutions & Comments

**IRT judges:** #2: Paz Einat (2020) #3: Sergey Bilyk (2020-21) #n: Gerhard E. Schoen (2018-20) Studies: Amatzia Avni (2020); H# Nikola Stolev (2020); S#: Genady Kozyura (2019-20) Fairies: Narayan Shankar Ram (2020), Sven Trommler (2021), Michal Dragoun (2022), James Quah (2023)

#### Editors:

Orthodox: **Ofer Comay**

ofercomay@gmail.com

**עורכים:**  
בעיות רגילות: עופר קומאי

Studies: **Gady Costeff**

costeff@gmail.com

סיומים: גדי קוסטף

(Please send originals in pgn format)

(נא לשלוח מקוריות בפורמט pgn)

Fairies: **Michael Grushko**

bargrushko@bezeqint.net

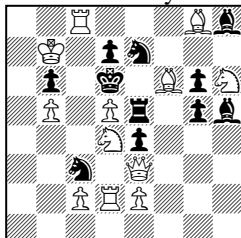
בעיות אגדתיות: מיכאל גרושקו

3379

**Daniel Papack**

inspired by M.Uris

Germany



#2\*vvv

12+11

1...Scxd5/♖xd5/♞xd5 2.♠f7#

1.♠b3 ? [2.♠f7#] 1...♞xd5 2.♞g3# 1...♠exd5 2.♞xb6# but 1...♠cxd5 !

1.♠c6 ? [2.♠f7#] 1...♠cxd5 2.♞a3# 1...♞xd5 2.♞xe7# 1...dxc6 2.♞d8# but 1...♠exd5 !

1.♠f3 ? [2.♠f7#] 1...♠cxd5 2.♞a3# 1...♠exd5 2.♞xb6# but 1...♞xd5 !

**1.♠e6 !** [2.♠f7#]

1...♠cxd5 2.♞a3#

1...♞xd5 2.♞g3#

1...♠exd5 2.♞xb6#

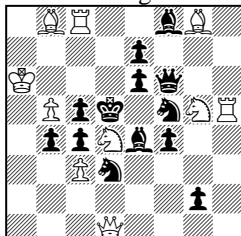
1...dxe6 2.♞d8#

All three capture on d5 in the set enable 2.♠f7# and in the solution, they all prevent this mate, which is the threat, so we have a distinct Dombrovskis. What raises the problem to a much higher level are the tree tries: each attempt by the white knight is an interference of a white queen mating line. A unified and beautiful problem! (PE)

3380

**Givi Mosiashvili**

Georgia



#2\*v

10+13

1...♞d4/g5 2.♞e6#

1.♠de6? [2.♞c5# (♞d8?)] 1...♠d4 2.♞d8# 1...♞d4 2.♠f4# 1...♞e6+ 2.♞e6# but 1...g1=♞ !

1.♠ge6! [2.♞d8# (♞c5?)] 1...♠e5 2.♞c5# 1...♞g5 2.♠f4# 1...♞e6+ 2.♞e6#

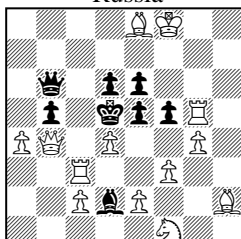
1...♠f3 2.♞f3#

Unified play between try and solution, but no threat avoidance (PE)

3381

**Pavel Murashev**

Russia



#2\*v

13+8

1...fxg4 2.e4# (A) – diversion 1...f4! (2.e4+? fxe3! - E.P.)

\*1...♞c6 (c) 2.♞xc6# - attraction

\*1...bxa4 (d) 2.♞c4#

1.gxf5? [2.e4# (A)] 1...exd4 (a) 2.♞b3# (B) - self-block (e4+ dxe3 - E.P.!)

1...♞xd4 (b) 2.♞c6# - diversion 1...exf5 2.♞f7# but 1...e4!

**1.♞d3!** [2.♞b3# (B)] 1...exd4 (a) 2.e4# (A) - self-pin (x2) - 2...dxe3 - E.P.?, 2...fxe4?

1...♞xd4 (b) 2.♞xb5# - self-pin 1...♞c5 2.dxc5# - battery play

1...♞c6 (c) 2.dxe5# - battery play

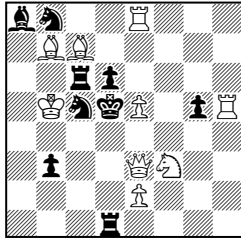
1...bxa4 (d) 2.c4# - diversion 1...♞xb4 2.♠e3# - diversion

A combination of mate changes and change of weakening motives. This is driven by the nice flight-giving key that also creates the pin-line and battery (PE)

3382

David Shtern

Petah Tikva



#2\*

9+9

1... ♖e4 2. ♗xb3#

1. ♗f4 ! [2. ♗c4#]

1... ♖e4 2. ♗f7# 1... ♗xb7 2.e4#

1... gxf4 2.exd6#

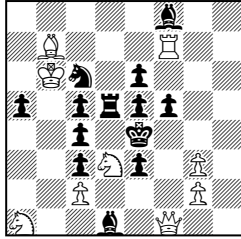
1... ♖c1 2. ♗d4# 1... ♖d4 2. ♗xd4#

One mate change and a kind of correction play by the black knight. The pin of the black rook is actually not needed and a version without it can be accomplished (PE).

3383

Yitzhak Nevo

Ein Harod



#3

9+13

1. ♗f4 ! [2. ♗xc4 + (A) ♖d4 (b) 3. ♗xc6# (B) 2... ♗d4 (c) 3. ♗d3# (C)]

1... ♖d4 (b) 2. ♗xc6 + (B) ♖d5 3. ♗xc4# (A)

1... ♗d4 (c) 2. ♗d3 + (C) cxd3 3.cxd3#

1... ♗e2 2. ♗xe2 threat: 3. ♗f3# 2... ♗d4 3. ♗xc3#

1... ♗xc2 2. ♗f3 + ♖d4 3. ♗xc2#

1... e2 2. ♗f3 + ♖d4 3. ♗xe6#

1... ♖d4 2. ♗xe6 + ♖e4 3. ♗xf5#

1... ♖d3 2. ♗xc6 + ♖d5 3. ♗xc4# 2... ♖d4 3. ♗xe6#

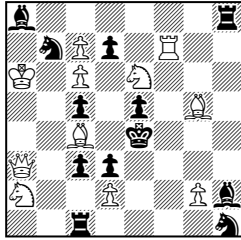
The moves by the white queen and white bishop featuring in the threat, also feature in the solution after the same black defenses, now as first black moves as compared to secondary defenses in the threat. A setting with the white knight on f4 and the white bishop on a6, leads to a better key: 1.Bb7! as there is a set reply to the move to the flight 1...Kd4 (PE)

3384

L.Lyubashevsky

L.Makaronez

Rishon Lezion/Haifa



#3\*

11+12

1... ♗g3 2. ♗xc3 ♖xc3 3. ♗xc3#

1... d5 2. ♗c1! ~ 3. ♗xc3, ♗e1#

1. ♗a4! [2. ♗b3+ c4 3. ♗xc4 #]

1... ♗g1 2. ♗d1!! ♖xd1 3. ♗xc3# 2... ♗h2 3. ♗f3# 2... dxe6 3. ♗g4#

1... cxd2 2. ♗b3! ♖xc4 3. ♗xc4# 2... ♗f2 3. ♗d5# 2... dxe6 3. ♗xd3#

1... ♗d6 2. ♗xc5+ ♖d4 3. ♗e3#

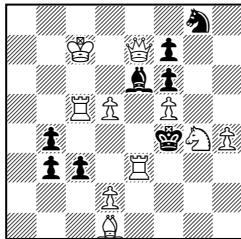
1... d5 2. ♗xd3+ ♖xd3 3. ♗xc1#

The quiet play in the set is replace by different quiet play in the solution, including one changed mate (PE)

3385

Semion Shifrin

Nesher



#3\*v

10+8

1... ♖xf5 2.de+ ♖g6/♖f4 3. ♗xf7/♗d6#

1. ♗e2 ? [2. ♖c4+ ♖xf5 3. ♗d3#]

1... ♖xf5 2.de+ ♖g6/♖f4 3. ♗f7/♗d6# 1... ♗xd5 !

1. ♗e5 ! [2. ♖c4 A+ ♖xf5 3. ♗g4 B #]

1... ♖xf5 2. ♗g4 B + ♖f4 3. ♖c4 A #

1... ♗xd5 2. ♗d3+ ♖xf5 3. ♗e4#

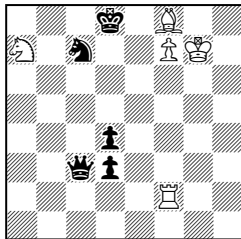
1... ♗h6 2. ♗xf6 cd 3. ♗g5#

Good try, one mate change and exchange of white's 2<sup>nd</sup> and 3<sup>rd</sup> moves between the threat and variation (PE)

3386

Michael Pasman

Meitar



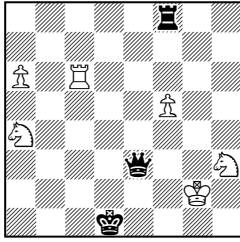
Win

5+5

1. ♖f6! 1. ♗b4 ♗e6+! 1. ♖g6 ♗e6 2. ♗b4 ♗c1 1. ♗e7+ ♖d7! 2. ♖f6 ♗e8+! 3. ♖h8! d2 4.f8=♗ d1=Q 5. ♖d6+ ♗xd6 6. ♗d8+ ♖e6 1... ♗e8+! 2.fxe8=Q+ ♖xe8 3. ♖e6+! ♖d7 4. ♖d6+! ♖e8 4... ♖c7 5. ♗b5+- 5. ♗c6! ♗xc6! 6. ♖xc6 d2 7. ♖e6+! ♖d7 8. ♖d6+ ♖e8! 9. ♗e7!! 9. ♖xd4 d1=Q 10. ♖xd1 stalemate 9...d1=Q 10. ♗g5! and mate next move 1-0

3387

Michal Hlinka  
Luboš Kekely  
Slovakia

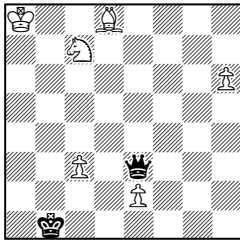


Win 6+3

1. ♖b2+ 1. ♜c3+? ♜d2 2. ♜b1+ ♜d1 = 1... ♜e1 1... ♜d2 2. ♜c4+ +- 1... ♜e2 2. ♜g1+ +-  
2. ♜e6 ♜e2+! 2... ♜g8+ 3. ♜h1! ♜e2 4. ♜c4 ♜xe6 5. ♜xe6 +- 3. ♜xe2+ ♜xe2 4. ♜f4+  
♜e3 5. ♜e6 ♜g8+ 6. ♜f1! 6. ♜h2? ♜e4 7. ♜c7 ♜h8+ 8. ♜g3 ♜g8+ 9. ♜f2 ♜f8 =  
6... ♜a8 6... ♜b8 7. ♜f6 +- 7. ♜c4+ 7. ♜f6? ♜xa6 8. ♜f7 ♜a8 = 7... ♜e4 8. ♜f6 ♜f5 8... ♜xa6  
9. ♜f7 ♜a8 10. ♜d6+ ♜e5 11. ♜e8 +- 9. ♜b6 ♜a7 9... ♜h8 10. ♜c5 +- 9... ♜xa6 10. ♜f7 +-  
10. ♜c8 ♜xa6 11. ♜f7 and wins 1-0

3388

Pavel Arestov  
Pyotr Kiryakov  
Russia

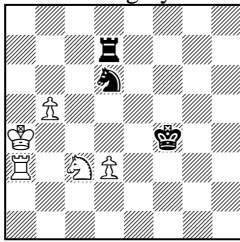


Draw 6+2

1. ♜b7! 1. h7 ♜xc3 1. ♜f6 ♜b6 1... ♜xe2! 1... ♜xh6 2. ♜e7 with 3. ♜b4 fortress;  
1... ♜xc3 2. ♜d5! ♜c5 ( 2... ♜d4 3. ♜c6 ♜c4+ 4. ♜d6 ) 3. e4! 2. ♜c6! 2. h7 ♜b2+ 3. ♜c8  
♜xc3 2... ♜c4+ 3. ♜d7! ♜d3+! 3... ♜xc3 4. ♜g5 ♜e5 5. ♜e6 4. ♜e7! 4. ♜e8? ♜d6!  
5. ♜f7 ♜xd8 4... ♜xc3 5. ♜f7! ♜d2 5... ♜h8 6. ♜g5 ♜h7+ 7. ♜f6 ♜xc7 8. ♜g6 6. h7!  
6. ♜g6 ♜d3+! 7. ♜g7 ♜xd8 8. h7 ♜g5+ 9. ♜f7 ♜h6 10. ♜g8 ♜g6+ 11. ♜h8 ♜f7  
6... ♜h6 7. ♜g8 ♜g6+ 8. ♜h8 white king travelled a8->h8 8... ♜c2 9. ♜e6! with 2  
lines  
A) 9... ♜c3 10. ♜f6+! 10. ♜e7 ♜c4 11. ♜f6 ♜f7 12. ♜e7 ♜d5 10... ♜c4 11. ♜e7 ♜f7  
11... ♜xe6 12. ♜g7! ♜xe7+ 13. ♜g8 12. ♜g5 ♜g6 13. ♜e6! positional draw.  
B) 9... ♜f7 10. ♜f6! ♜d2 10... ♜d3 11. ♜e7 ♜c4 12. ♜g5! see line A 11. ♜g7 ♜e3  
11... ♜d3 12. ♜h6 ♜c4 13. ♜g5 12. ♜f8 12. ♜h6+? ♜d3 13. ♜f8 ♜c4 12... ♜f2  
13. ♜d6! ♜xe6 13... ♜g2 14. ♜e5 ♜h3 15. ♜g5+ ) 14. ♜g7 1/2-1/2

3389

János Mikitovics  
Hungary

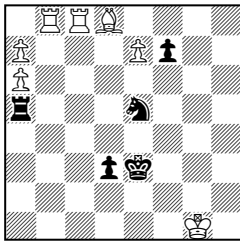


Win 5+3

1. ♜b4! ( 1. b6? ♜c8! 2. ♜d5+ ♜xd5 3. b7 ♜b6+ 4. ♜b4 ♜d7! = ( 4... ♜d8? 5. ♜a6!! ♜d7  
6. ♜d6 +- ) ) 1... ♜e3 2. b6! ( 2. ♜c5? ♜xb5! = ) 2... ♜c8! 3. ♜d5+!! ♜xd5 3... ♜d4  
4. ♜a8! ♜xb6 5. ♜xb6 ♜d6 6. ♜c4! ♜h6 7. ♜d8+ ♜d6 8. ♜xd6# 4. b7 ♜e7 5. ♜a6!!  
5. b8=Q? ♜c6+ = 5. ♜c3? ♜d8 = 5... ♜d4+ 6. ♜b3 or 6. ♜c3 6. ♜b5? ♜d5+ 7. ♜b6  
♜d6+ 8. ♜b5 ♜d5+ 9. ♜b4 ♜d4+ 10. ♜b3 loss of time 6... ♜xd3+ 7. ♜b2 or 7. ♜c2  
7... ♜d8! 8. ♜a8! 8. ♜e6+? ♜d4! = 8... ♜d2+ 9. ♜c1!! Thematic try 9. ♜c3? ♜d3+!  
10. ♜c2 ( 10. ♜c4 ♜d4+ 11. ♜c5 ♜d5+ 12. ♜b6 ♜d6+ 13. ♜c7 ♜c6+ 14. ♜d7 ♜b6 = )  
10... ♜c6 11. ♜e8+ ♜d4 12. ♜d8+ ♜xd8 13. b8=♜ ♜e4!! 14. ♜b4+ ♜d4 15. ♜e7+ ♜f5!  
16. ♜c5+ ♜e4 17. ♜e7+ ♜f5 positional draw. 9... ♜c6 10. ♜e8+! ♜d3 11. ♜d8+ +- 1-  
0

3390

Stefan Nielsen  
Denmark

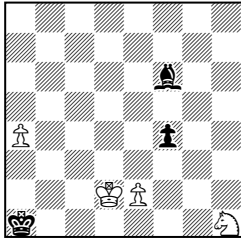


Win btm 7+5

1... ♜f3+ 2. ♜f1 2. ♜g2? ♜g5+ perpetual 2... ♜a1+ Now white has three choices: 3.  
♜g2 or 3. ♜b1 or 3. ♜c1. 3. ♜b1!!  
Try: 3. ♜g2? ♜g1+ 4. ♜h3 ♜g5+ 5. ♜h4 ♜f3+ 6. ♜h5 ♜h1+ 7. ♜g4 ♜g1+ 8. ♜f5 ♜g5+  
9. ♜f6 ♜g6+ 10. ♜xf7 ♜e5+ 11. ♜f8 ♜d7+ 12. ♜e8 ♜e5 13. ♜b6+ ♜e2 14. ♜d8 ♜d6+  
15. ♜c7 (?) ( 15. ♜e8 = ) 15... ♜d7# The rook on b8 blocks the escape of the White  
king. Correction try: 3. ♜c1 ♜xc1+ 4. ♜g2 ♜g1+ 5. ♜h3 ♜h1+ 6. ♜g4 ♜g1+ 7. ♜f5  
♜g5+ 8. ♜f6 ♜g6+ 9. ♜xf7 ♜e5+ 10. ♜f8 ♜d7+ 11. ♜e8 ♜e5 12. ♜b6+ ♜e2 ( 12... ♜f4  
13. ♜d8 d2 14. ♜e3+ ♜xe3 15. ♜b1 ) 13. ♜d8? ( 13. ♜f8 = ) 13... d2! +- 14. ♜b2 is not  
possible, because the bishop is on b6. 13... ♜d6+? 14. ♜c8 Unblock of c8. The point  
of 3... ♜c1!? or 14. ♜c7 ♜d7+ 15. ♜c8  
3... ♜xb1+ 4. ♜g2 ♜g1+ 5. ♜h3 ♜g5+ 5... ♜h1+ 6. ♜g4 ♜g1+ 7. ♜f5 transfers to the  
mainline 6. ♜h4 ♜f3+ 7. ♜h5 ♜h1+! or 7... ♜g5+ 8. ♜h6 ♜g6+ 9. ♜h7 ♜g5+ 10. ♜h8  
♜h6+ 11. ♜g7 ♜g6+ 12. ♜f8 +- 8. ♜g4 ♜g1+ 9. ♜f5 ♜g5+ 10. ♜f6 ♜g6+ 11. ♜xf7  
♜e5+ 12. ♜f8 ♜d7+ 12... ♜f6+ 13. ♜g8 ♜g6+ 14. ♜h7 +- 13. ♜e8 ♜e5! Finally  
White has some breathing space. 14. ♜b6+ ♜e2 14... ♜f4 15. ♜c4+ ♜f5 16. ♜d8 +-  
15. ♜d8 ♜d6+ 15... d2? 16. ♜c2! +- The point of 3. ♜b1! in comparison to 3. ♜c1!?  
16. ♜c7 ♜d7+ 17. ♜b8 +- Unblock of b8. The other point of 3. ♜b1! 1-0

3391

Daniel Keith  
France

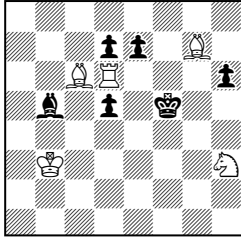


Win 4+3

1.a5! 1. f2? b2! 2. d3 ( 2. e4 d8 3. c5 b6! = ( 3... a3? 4. c3 b6 5. c4 +- ) ) 2... b3 3.a5 e5! ( 3... d8? 4.a6 b6 5. e4 b4 6. d6 +- ) 4.a6 b8 = 1. d3? b2! 2. c4 h4! ( 2... c2? 3. f2 d8 4. h3 +- ) 3.a5 d8 4.a6 b6 = 1... b2! 2.a6 d4 3. d3! 3. f2? b3 = 3... a7 4. f2! dxf2 4... b3 5. e4 b4 6. d6 a5 7. c8 +- 5.e4 fxe3 5... f3 6.e5 +- 6. e2 1-0

3392

Aleksey Ivunin  
Alexandr Pankratiev  
Russia



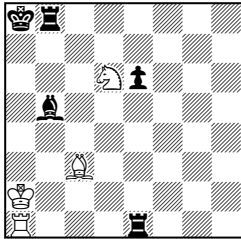
H#2 5.1.1.1 5+6

1. e2 b5 2. g4 d3#  
1. d4 f3 2. e5 f6#  
1. g4 xd7 + 2. h5 xh6#  
1. h5 xd5 + 2. e6 g5#  
1. e5 xb5 2. e4 xd7#

Nothing really unifies the 5 solutions (PE)

3393

David Ma`ayan  
David Shtern  
Beer Seva/PetahTikva



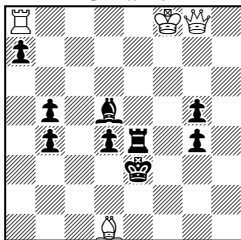
H#2 b) b5→a4 4+5

a) 1. f1 b2 2. e2 b1#  
b) 1. e4 b4 2. b3 + xb3#

The first solution, with the critical move by the BB and interference by the WB, is excellent. A pity no twin with similar play could be presented (PE)

3394

Mykola Vasyuchko  
Mykhailo Halma  
Ukraine



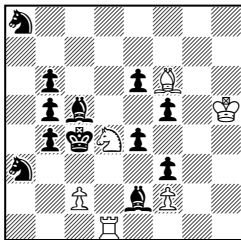
H#2 b) b4→f2 4+9

a) 1. d3 c2 + 2. c4 c8#  
b) 1. c4 e8 2. d3 xg5#

BK moves only Zalokotsky theme Model mate X 2 Pin-mate X 2 (authors)  
The BK follows the squares visited by the BK (in reverse order) and nice pin-mates are arranged (PE)

3395

Yuri Gorbatenko  
Russia



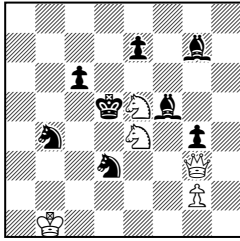
H#2 4.1.1.1 6+12

1. c3 c1 2. d2 b3#  
1. c7 b3 2. d5 d2#  
1. d5 g5 2. e5 c6#  
1. b1 c6 2. c3 e5#

White mates on squares on which the BK is mated in other solutions, and the same white moves are used as first and mating moves. Nice unification, but the unused WB in the last solution is a pity (PE)

3396

Emanuel Navon  
Holon



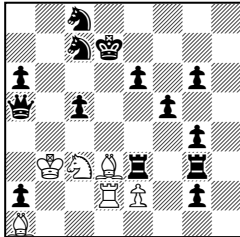
H#2 4.1.1.1 5+8

1. ♖e6 ♜f6 + 2. ♜d6 ♜xd3# (b♗f5 blocks bK, activation of white battery)  
 1. ♖xe4 ♜xd3 + 2. ♜c5 ♜d7# (b♗f5 unblocks bK, destruction of white battery)  
 1. ♜xe4 ♜xg4 2. ♖d4 ♜f3# (b♗g7 blocks bK)  
 1. ♖xe5 ♜xe5 + 2. ♜c4 ♜d2# (b♗g7 unblocks bK)  
 Fadil Abdurahmanovid and Mike Prcic 80th Jubilee Tourney 2019 (author)

The black bishops make a self-block or pure unblocks, making a square available for the BK (PE)

3397

Mark Erenburg  
Ofer Comay  
Tel Aviv/Karmiel



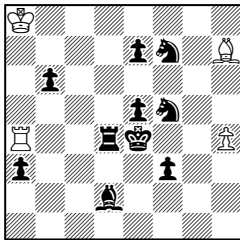
H#2.5 b) ♜d7→f6 6+14

- a) 1... ♜b1 2. axb1=♜ ♖f6 3. ♜c3 ♜b5#  
 b) 1... ♜b1 2. axb1=♜ ♜d7 3. ♖d3 ♜e4#

WBa1 (in “a”) or WRd2 (in “b”) must move to guard squares around the BK.  
 Opening the respective line activates the half-pin, requiring white to sacrifice so black can promote a piece of the same nature that can restore the half-pin, as a mixed one. Very nice! (PE)

3398

Aleksey Ivunin  
Alexandr Pankratiev  
Russia



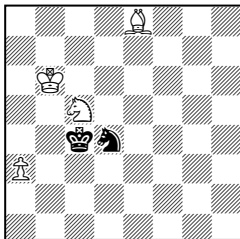
H#3 5.1.1.1 4+10

1. ♜d3 ♜b4 2. ♜c2 ♖xf5 + 3. ♜c1 ♜b1#  
 1. ♖f4 ♖g8 2. ♜e3 ♜xa3 3. ♜d5 ♖h7#  
 1. b5 ♜a6 2. ♜d5 ♜g6 3. ♜e3 ♜g4#  
 1. ♜g5 hxg5 2. ♜d5 ♜xd4 + 3. ♜e6 ♖g8#  
 1. ♜d5 ♜xd4 + 2. ♜e6 ♜g4 3. ♜f6 ♜g6#

Five different (mostly) model mates but without any unification (PE)

3399

Semion Shifrin  
Nesher



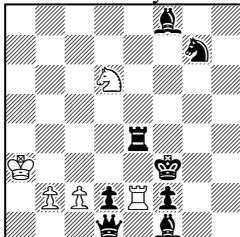
H#3 b) ♖a3→f2 4+2

- a) 1. ♜c6 ♜b7 2. ♜b5 ♖xc6 + 3. ♜a5 ♜b3#  
 b) 1. ♜d5 ♜d3 2. ♜e4 ♜c5 3. ♜f3 ♖g6#

A neat miniature with model mates (PE)

3400

Kivanc Cefle  
Turkey



H#3v 5+8

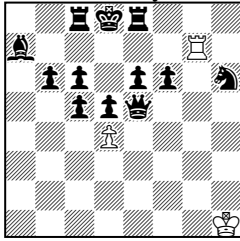
- Try: 1. ♜b4!? ♜e5 2. ♖c4 ♜e4 3. ♜e2 ♜g5+ but 4. ♜f1!  
 1. ♜e7 ♜e5 2. ♜e6 ♜e4 3. ♜e2 ♜g5#

The try emphasizes the need to keep f1 blocked but a second solution featuring the try unpin would have been nice (PE)

3401

Kivanc Cefle

Turkey



H#3 b) C 270<sup>0</sup> 3+12

- a) 1. ♖f8 dxe5 2. ♜e8 exf6 3. ♖d8 ♖e7#  
 b) 1. ♖h7 dxe6 2. ♜h6 exf7 3. ♖h5 fxg8=♞#

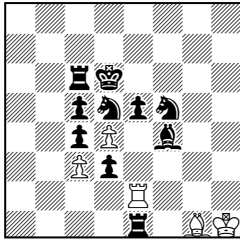
While in “a” the pawn can guard the square on which the WR mates while in “b”, it makes three move ending with a knight promotion mate. It is nice that black strategy is the same in both solutions. With some changes to the position the use of the black queen can be avoided (PE)

3402

Mykola Vasyuchko,

Mykhailo Halma

Ukraine



H#3 b) ♖e1→e4 5+10

- a) 1. ♞de3 dxc5 + 2. ♜xc5 ♖xe3 3. ♞d6 ♖xe5#  
 b) 1. ♖e3 dxe5 + 2. ♜xe5 ♞xe3 3. ♖d6 ♞d4#

Active sacrifice (black) x 2 Active sacrifice (white) x 2 Annihilation x 2 Anticipatory sacrifice (black) x 2 Bivalve (s-R-B, B-W-W) Exchange of functions (b♞f5/b♖c6, Self- block / Passive self-block) Exchange of functions (w♞g1/w♖e2, Rear piece of mating battery / Mating battery firing) Kniest theme x 2 (authors)

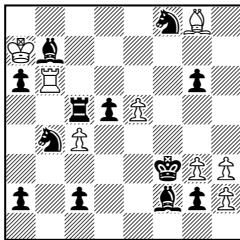
The unified play is somewhat perturbed by the fact the in “b” the move 1.Re3 is not an interference, as the matched move in “a” (PE)

3403

Emanuel Navon

Menachem Witztum

Holon/Tel Aviv



H#3 2.1.1.. 8+12

- 1.dxc4 ♞xc4 2. ♖xe5 ♞d3 3. ♖e3 ♖f6#  
 1. ♞d3 ♖b1 2.d4 ♖e1 3. ♖c6 ♞d5#

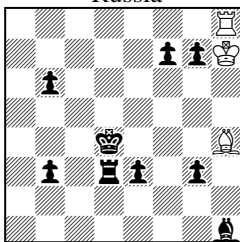
Opening and closing lines (authors)

The interesting play is along the g1-a7 diagonal. In one solution, the BR unpins the WR just to unpin it on a different place. In the second solution, it is the WR that leaves the BR in a kind of pin (it needs to move to c6 but will give a check) and it is black that closes the diagonal (PE)

3404

A.Ivunin & A.Pankratiev

Russia



H#3.5 2.1.1.. 3+9

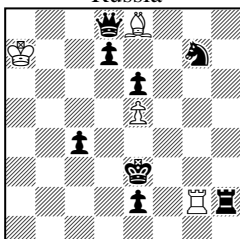
- 1... ♞d8 2.b5 ♞b6 + 3. ♜c4 ♖d8 4. ♖c3 ♖d4#  
 1... ♖d8 + 2. ♜e4 ♖xd3 3.f5 ♞f6 4. ♞f3 ♖d4#

Echo models (PE)

3405

A.Ivunin & A.Pankratiev

Russia



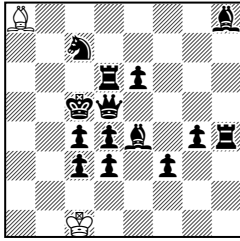
H#3.5 3.1.1.. 4+8

- 1... ♞g6 2. ♜d2 ♖xe2 + 3. ♜c1 ♖b2 4. ♖d2 ♖b1#  
 1... ♞xd7 2. ♖h4 ♞c6 3. ♜d2 ♖f2 4. ♖d4 ♖f3#  
 1... ♖xg7 2. ♜d4 ♖xd7 + 3. ♜c5 ♖b7 4. ♜d4 ♖b5#

Echo mates and, importantly, a unifying element of opening of a black line to enable a critical self-block (PE)

3406

Zlatko Mihajloski  
Macedonia



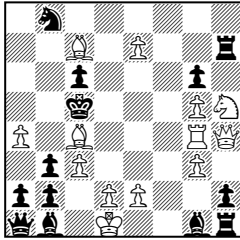
H#5.5 2+14

1...♙c6! 2.♘e5 ♘a4 3.♚c6 ♘d1 4.♙d5 ♘xf3 5.♚c5 ♘f3- h1! 6.♘g2 ♘xg2# Rehm theme (bi-color), Bristol (bi-color), Place exchange (bk-bQ) (author)

The dance of the BK & BQ is matched by a geometrically pleasing march by the WB (PE)

3407

Anatoly Styopochkin  
Russia



S#3 13+13

1.♙f7! [2.♚b4 ~ 3.♚d4 + ♘xd4#]

1...♚xh5 2.e8=♚ ~ 3.♚e3 + ♘xe3#

1...♚xf7 2.♚c4 + ♙d5 3.♚e4 + ♘xe4#

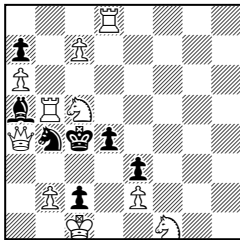
1...♚h8 2.♘f6 ~ 3.♘e4 + ♘xe4#

SOTF (author)

One pair (the threat & first variation) involve the king-side battery while the second pair involves the queen-side battery (PE)

3408

Mark Erenburg  
Karmiel



S#3 10+7

1.♘e6! - zz

1...♘xc7 2.♘xc7(A) d3 3.♚a2+ ♘xa2#(B);

1...d3 2.♚xb4+(B) ♘xb4 3.♘d2+ exd2#(C);

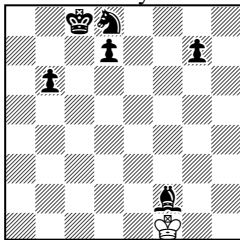
1...♘b6 2.♚xd4+ ♘xd4 3.♘xe3+(C) ♘xe3#(A)

Cyclic capture of mating black pieces, model mates: probably, the first cyclic presentation of Svoboda theme (author)

A kind of cyclic Zilahi adapted to the selfmate genre (PE)

3409

Alberto Armeni  
Italy



HS=7 1+6

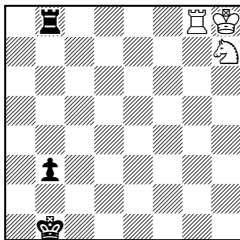
1.♙e2 g5 2.♙d3 g4 3.♙c4 g3 4.♙b5 g2

5.♙a6 g1=B 6.♙a7 b5 + 7.♙a8 any =

The position before black's last move is a stalemate and all possible black moves cannot undo it. The need to have two black bishops on the diagonal g1-a7 is a good point (PE)

3410

Anatoly Styopochkin  
Russia



S#5 Circe 3+3  
Maximummer

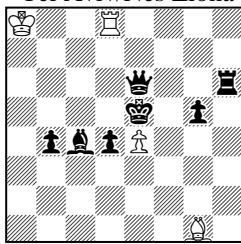
1.♘f6! zz.

1...♚b4 2.♚g1+ ♙c2, ♙a2 3.♘g4 zz. ♚xg4[+w♘b1] 4.♚g2+ ♚xg2[+w♚h1] 5.♚h7 ♚g8#

1...♚f8 2.♘h7 zz. ♚f1 3.♚g1 zz. ♚c1 4.♙g8 zz. ♚f1 5.♚g7 ♚f8#

Two nice variations, the second one is rather surprising (PE)

3411  
**Ofer Comay & Paz Einat**  
 Tel Aviv/Nes Ziona



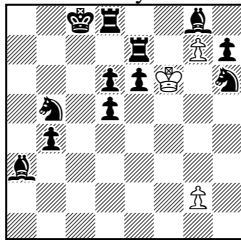
Ser-h#5 4+7

b) ♖d8↔→♗g1

- a) 1.♖d7 2.♖d6 3.♖c5 4.♖b5 5.♖c6 ♗xd4#  
 b) 1.♖e7 2.♖f6 3.♖g6 4.♖h7 5.♗f7 ♖xg5#

Two solutions with identical strategy and ODT (authors)

3412  
**Semion Shifrin**  
**Michael Grushko**  
 Neshar/Kiryat Bialik

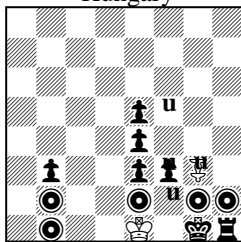


Ser-s#16 3+12

- 1.g4 2.g5 3.g6 4.gxh7 5.hxg8=♖ 6.♖f7 7.g8=♗ 8.♖g7 9.♗f6 10.♗e8 11.♖f8 12.♖f1  
 13.♖xb5 14.♖xb4 15.♖xd6 16.♖c7 + ♖xc7 #

The two black rooks are the major players and must be blocked to allow the WK to reach its destination. The queen and knight promotions are nicely achieved, the battery line neatly opened and the battery pin-mate is a pleasant finale (PE)

3413  
**Janos Mikitovics**  
 Hungary



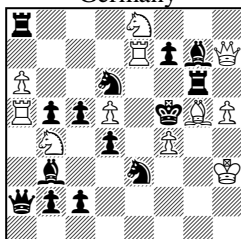
HS#12.5 2+12

Dummy ♙  
 u = uncapturable  
 ♚ reverse pawn

- 1...u♗f2+ 2.♖d1 ♖f1 3.♖c1 ♖e1 4.♖xb1 ♖d2+ 5.♖xb2 u♗a1  
 6.♖xb3 ♖e1 7.♖c4 ♖f1 8.♖d5 ♖g1 9.♖xe4 ♖h1 10.♖d3 u♗g1  
 11.♖c2 f1=u♗ 12.♖d1 u♗e4 13.♖e1 u♗d2#

The black rook and king exchanged places with the rook moving all the way to a1, to allow the WK maneuver, and returning to g1 after the BK oved to h1. Nice round trip by the WK, returning to its square of origin. The author added many constraints in order to achieve this task (PE)

3414  
**Hubert Gockel**  
 Germany



#2 v 11+14

Breton Adverse

- 1.♖xb5[-bPf7]? (2.♖xg6[- b♗a8]#)  
 1...♗xd5[-wPh5] a 2.♗xd6[- b♗d5]# A (2.- cxb4[-w♗d6]?? selfcheck)  
 1...♗xd5[-wPh5] b 2.♗xg7[- b♗d5]# B (2.- cxb4[-w♗g7]?? selfcheck)  
 1...♖xa6[-wPh5] c 2.♗xa6[- b♗g6]# C  
 But 1.- ♖xa6[-wPh5]!  
 1.♗xc2[-bPf7]! (2.♖xg6[- b♗a8]#)  
 1.- ♗xd5[-wPh5] a 2.♗xg7[- b♗b3]# B` (2.- ♗xc2[-w♗g7]?? loss of double guard)  
 1.- ♗xd5[-wPh5] b 2.♗xd6[- b♗e3]# A` (2.- ♗xc2[-w♗d6]?? loss of double guard)  
 1.- ♖xa6[-wPh5] c 2.♖xa6[- b♗g6]# D

In **Breton Adverse** when a piece is captured, another piece (of the same nature) of the captured side must also disappear (if there is one).

Reciprocal change of mates (when one accepts that A=A' and B=B') plus one additional change (author)

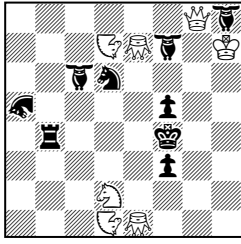
A beautiful mechanism of reciprocal changes based on the Breton Adverse condition. In the try BPC5 can capture the WSb4 so immediate 2.Sxd6 or 2.Sxg7 are answered by 2...cxb4 with the removal of the other WS. After the defenses on d5 the WS captures the same piece that captured on d5, leading to its disappearance and pin of BPC5. In the solution, BSe3 & BBb3 directly observe WSc2 so when one of them leaves for the defense a piece of the same type as the remaining one is captured. The additional changes adds much to this excellent problem (PE)



3415

Semion Shifrin

Nesher



#2vvv 7+9

Camel BishopLion Nightrider Gr.hopper

1. ♖g1 ? [2. ♜h3 A #] 1...f2 b 2. ♖g3 B # but 1... ♜g2 !
1. ♞c3 ? [2. ♖g3 B #] 1... ♞d4 c 2. ♜h5 C # 1... ♜e4 a 2. ♜h3 A # but 1...f2 b !
1. ♖g7 ? [2. ♜h5 C #] 1... ♜f6 2. ♖g5 D # but 1... ♜e8 !
1. ♞c5 ! [2. ♖g5 D #] 1... ♞d4 c 2. ♜h3 A # 1... ♜e4 a 2. ♜h5 C #

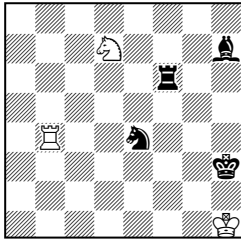
4-fold cyclical pseudo Le Grand ( AB-BC- CD-DA ), reciprocal mates ,  
Dombrowskis (author)

A beautiful mechanism of reciprocal changes and cyclic mate transference based on star squares around the BK and line effects of the grasshoppers. This is one of the rare cases in which the term “cyclic pseudo-le Grand” is meaningful (PE)

3416

Semion Shifrin

Nesher



HS#3 2.1.1.. 3+4

EinsteinChess PhantomChess

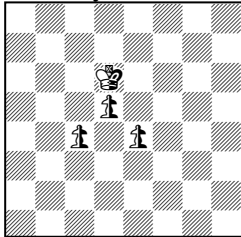
1. ♜d7-e5=♞ ♞f6-f3=♞ + 2. exf3=♜ ♜e4-g3=P 3. ♜f3-g1=P + g3-g2#
1. ♜d7-f8=♞ ♞h7-c8-g4=♜ 2. ♞b4-a1-a5=♞ ♞f6-h8-h4=♞ 3. ♞a5-e1=S + ♞xe1=♞ #

Some of the enormous possibility of Phantom chess (pieces can also move from their circe birthplace) feature in this nice problem (PE)

3417

Michael Grushko

Kiryat Bialik



HS#10 0+0+4

ParrainCirce  
AlphabeticChess  
Take&MakeChess  
Neutral pawns & king

1. ♠c4\*d5-d4 ♠d4-d3[+ ♠d4] 2. ♠d3\*e4-e3 ♠d4\*e3-e4[+ ♠f4] 3. ♞d6-c5[+ ♠d2]
- ♞c5-c4 4. ♞c4-d4 ♠d2-d1=♞ 5. ♞d1-f3 ♞d4-e3 + 6. ♞e3\*f3-h1 ♠e4-e3[+ ♞f2]
7. ♠e3\*f4-f3 ♞f2-b6[+ ♠b8=♞] 8. ♞b6-a7 ♞a7\*b8-c8 9. nBc8-h3[+ ♞g3] ♠f3-f2
10. ♠f2\*g3-h2 ♞h1-g1[+ ♞f3] #

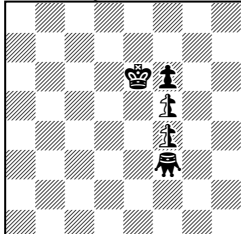
Fairy mat: 11. Kg1\*h2=> ?? (author)

An intriguing maneuver, and with the queen and bishop on board - ending with a nice neutral pawn mate (PE)

3418

Michael Grushko

Kiryat Bialik



Ser-h#17 2+3

b) ♞e6→c5  
AlphabeticChess PWC  
Take&MakeChess  
Grasshopper ♞  
Neutral pawns

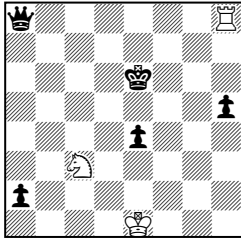
- a) 1. ♞e8-f7 2. ♞f7-g7 3. ♞g7-h6 4. ♞h6-h5 5. ♞h5-g4 6. ♞f3-h5 7. ♞g4-h3 8. ♠f4-f3
9. ♠f3-f2 10. ♠f2-f1=♞ 11. nRf1-f4 12. nRf4-g4 13. ♠f5\*g4-g1=♞[+nRf5] 14. ♞f5-g5
15. f6\*g5-g4[+ ♞f6] 16. ♞f6-h6 17. ♞g1-c5 ♞c5\*h5-f3[+b♞c5] #

- b) 1. ♞c5-d4 2. ♞d4-e3 3. ♞e3-f2 4. ♞f2-g3 5. ♞f3-h3 6. ♠f4-f3 7. ♠f5-f4 8. f6-f5
9. ♞g3-h2 10. ♠f3-f2 11. ♠f2-f1=♞ 12. ♞f1-f3 13. n♞f3-g3 14. ♠f4\*g3-g1=♞[+ ♞f4]
15. ♞f4-g4 16. f5\*g4-g2[+ ♞f5] 17. ♞f5-h5 ♞g1\*h3-f1[+b♞g1] #

The two solutions end with a battery made using, as the take&make move, the grasshopper hop over the pawn. The second solution looks better due to the self-block by the PWC replaced knight (PE)

3419

Anatoly Styopochkin  
Russia



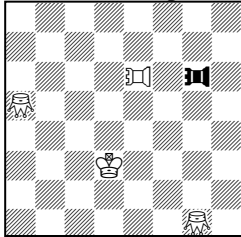
S#4\* b) ♖e6→f7 3+5  
Circe Maximummer

a) 1. ♖e8 + ! ♜xe8[+w♖h1] 2. ♜b5 zz. ♜xb5[+w♜b1] 3. ♜d2 zz. ♜f1 +  
4. ♖xf1[+b♜d8] 4... ♜xd2[+w♜g1] #

b) 1. ♖f8 + ! ♜xf8[+w♖a1] 2. ♜xe4[+bPe7] zz. ♜a8 3.0-0-0 zz. ♜h8  
4. ♜c3 ♜xc3[+w♜g1] #

3420

Václav Kotěšovec  
Czech Rep.



HS#10 3.1.1.. 4+1  
Maximummer

Pao ♖ ♜rasshopper ♜

1. ♜e2 ♖g2 2. ♜g3 ♖f2 3. ♖h6 ♖f8 4. ♜f2 ♖f3 5. ♖h2 ♖a3 6. ♜a2 ♖f3 7. ♜g2  
♖a3 8. ♜g1 ♖f3 9. ♜h1 ♖a3 10. ♜g1 ♖h3#

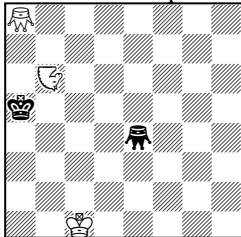
1. ♖e8 ♖a6 2. ♜e4 ♖h6 3. ♜f5 ♖a6 4. ♜g6 ♖f6 5. ♜g7 ♖a6 6. ♜a7 ♖f6 7. ♜h7  
♖f1 8. ♜h8 ♖f8 9. ♜h7 ♖f1 10. ♖g8 ♖f8#

1. ♖b6 ♖c6 2. ♖a6 ♖c1 3. ♜b1 ♖c8 4. ♜c2 ♖c3 5. ♜d2 ♖c8 6. ♜b2 ♖c3 7. ♜b3  
♖h3 8. ♜a2 ♖a3 9. ♜a1 ♖h3 10. ♖a2 ♖a3#

The same mating position in three corners (chameleon echo) in which the three white piece block the three squares around the WK and the mate is given on the Pao blocking line. The accurate route in all three solutions is masterfully crafted (PE)

3421

Václav Kotěšovec  
Czech Rep.



HS#14 3.1.1.. 3+2  
Maximummer

NightriderHopper ♖  
Grasshopper ♜

1. ♜c2 ♜b1 2. ♜b3 ♜b4 3. ♜c4 ♜b7 4. ♖d2 ♜a4 5. ♜d5 ♜e4 6. ♖f6 ♜c6 7. ♜d6  
♜e6 8. ♜d7 ♜c8 9. ♖b8 ♜e6 10. ♜c6 ♜b6 11. ♜a3 ♜d6 12. ♜b7 ♜b5 13. ♜a8 ♜a6  
14. ♜e7 ♜f8#

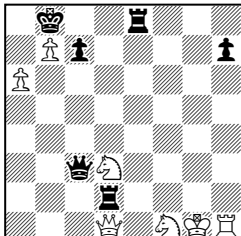
1. ♜f3 ♜g2 2. ♜d2 ♜c2 3. ♜e3 ♜b4 4. ♜f4 ♜a5 5. ♖h3 ♜b6 6. ♖d5 ♜c7 7. ♜c6 ♜d8  
8. ♜e5 ♜c7 9. ♜c8 ♜f4 10. ♜f6 ♜f7 11. ♖h7 ♜f5 12. ♜g7 ♜e7 13. ♜h8 ♜f8  
14. ♜g4 ♜h3#

1. ♜a4 ♜b4 2. ♜c4 ♜a5 3. ♜f4 ♜g4 4. ♖h3 ♜e4 5. ♖d5 ♜c6 6. ♜c2 ♜c1 7. ♜d2  
♜e3 8. ♜c3 ♜b3 9. ♖b1 ♜d3 10. ♜b2 ♜b4 11. ♜a4 ♜a5 12. ♜a6 ♜b4 13. ♜a1 ♜a3  
14. ♜e2 ♜f1#

As in the previous problem, three chameleon-echo mates with the WK on three different corners. The play, routes and mating position are, of course, completely different from the previous problem (PE)

3422

Igor Kochulov  
Russia



HS#2.5 b) -♜d3 7+6  
AntiCirce

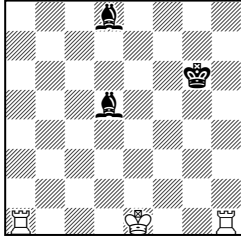
a) 1... ♜h8 2. ♜c1 ♖g2 3. a7 + ♜a1 #

b) 1... ♖dd8 2. ♜d4 ♜g3 3. ♜a7 + ♖d1 #

The two solutions are unified by the exchange of function of BQ & BRd2, each blocking the rebirth square of each other and alternating in giving mate. The inability of WPa7 to capture in BK in “a”, as all possible rebirth squares are occupied, including that of the WR by the mating move to a1. This is mirrored by the mating move of the BR to d1 in “b”, disabling the rebirth of the WQ (PE)

3423

Anatoly Styopochkin  
Russia



HS#4 b) ♖g6→h6 3+3  
NorskSjakk KoeKo

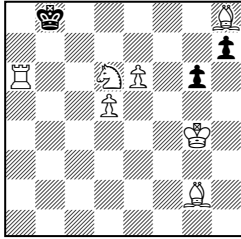
- a). 1.0-0-0 ♕g5=bR 2.♖c2 ♖g1=bB 3.♗h2=w♕ ♕h1=bR 4.♖b1=wB bBxh2=bR #  
b). 1.♖d1=w♕ ♕g2=bR 2.♕f3=w♖ ♖g3=bB 3.0-0 ♕f2=bR 4.R3xf2=w♕ ♕g5=bR#

**Norwegian Chess (NorskSjakk)** have two features: 1) only identical units can capture each other. 2) After moving, a Queen becomes a Knight and a Knight becomes a Queen, a Rook becomes Bishop and Bishop becomes Rook.

In this problem, the two white rooks and two black bishops all change identities and, with help of the Koeko (contact chess) condition, and castling in both solutions, nice mates are achieved (PE)

3424

Luboš Kekely  
Slovakia



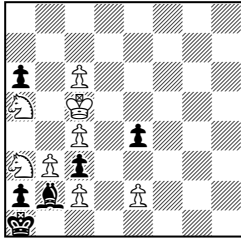
Ser-H=21 7+3

- 1.♖c7 2.♕d8 3.♖e7 4.♖f8 5.♖g8 6.♖xh8 7.♖g7 8.♖f6 9.♖e5 10.♖d4 11.♖e3  
12.♖f2 13.♖xg2 14.♖f2 15.♖e3 16.♖d4 17.♖xd5 18.♖dxe6 19.♖f6 20.♖g7  
21.♖h6 ♖e8 =

The idea is to place the BK on h6 and pin BPg6 with the WR. To do this, WPe6 must be captured, along with both WB's. Entertaining (PE)

3425

Paz Einat  
Nes Ziona

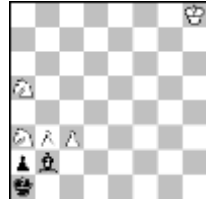


Ser-H#9 8+6

b) ♖c5→h6

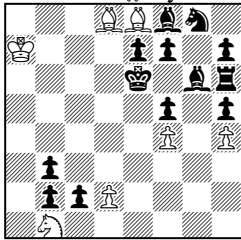
- a) 1.♕c1 2.♖b2 3.a1=♖ 4.♖b1 5.♖a1 6.♖xb3 7.♖b2 8.♖a2 9.♕b2 ♖b3#  
b) 1.e3 2.♕c1 3.♖b2 4.a1=♖ 5.♖xb3 6.♖a1 7.♕b2 8.♖c1 9.♖a2 ♖b3#

This is an extension of one of my unpublished problems from ~40 years ago. The maneuver, seen in "b" in 3425, shows a switchback of all black pieces with the removal of WPb3. Noting that a black rook can also do the job, but requires different order of movements, I thought that the extra material is worthwhile (author)



3426

János Csák  
Gábor Tar  
Hungary



Ser-H=11 7+13

- 1.cxb1=♖ 2.♖d3 ! 3.b1=♖ 4.♖b2 5.♖h8 6.b2 7.b1=♖ 8.♖b2  
9.♖g7 10.♖f6 11.♖d7 + ♕e8xd7 =

Promotions on the same squares. Promotion to same piece (authors)  
Two of the three promoted queens are nicely trapped in the corner, while the third, and first to promote, make the last, sacrifice, move (PE)