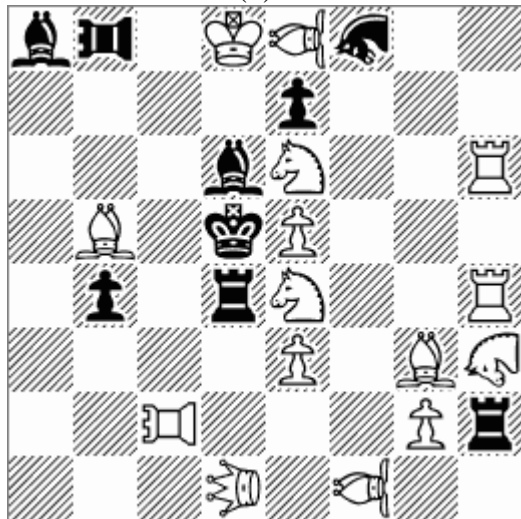# No. 1

Paz Einat
2nd Prize
StrateGems 2020 (v)

#2   15+9

c2, b8: Triton
d1: Siren
f1, e8: Nereide
h3, f8: Nightrider Hopper

Set:
1...Bd6*e5 **a** 2.Bb5-c4 **A** #
1...Rd4*e4 **b** 2.Se6-c7 **B** #

1.SId1-h5 ? [2.e5*d6 #]
1...Bd6*e5 **a** 2.Se6-c7 **B** #
1...Rd4*e4 **b** 2.Se6-f4 **C** #

1...Rd4-c4 2.Bb5*c4 #
1...Bd6-c5 2.Se6-c7 #
1...Bd6-c7 + 2.Se6*c7 #
  but 1...TRb8-c8 !

1.SId1-f3 ! [2.Se4-c3 #]
1...Bd6*e5 **a** 2.Se6-f4 **C** #
1...Rd4*e4 **b** 2.Bb5-c4 **A** #

1...Ra6-c6 2.Bb5*c6 #
1...Bd6-c7 + 2.Se6*c7 #

- Rice cycle (cyclic Zagoruiko)
- A unique halfpin by white siren d1: Rd4 & Bd6 comprise the halfpin.

Piece definitions
Triton: move as Rook but capture by hopping over and removing an adverse unit, landing on the next (necessarily empty) square
Siren: move as Queen but capture by hopping over and removing an adverse unit, landing on the next (necessarily empty) square
Nereid: move as Bishop but capture by hopping over and removing an adverse unit, landing on the next (necessarily empty) square
Nightrider Hopper: a nightrider that must hop over a piece along the nightrider line
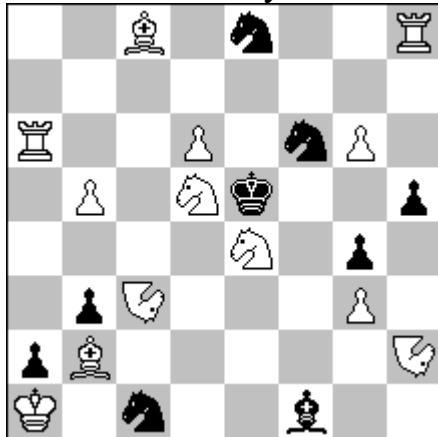
Version published (December 27, 2021) in:
http://www.pazeinat.com/chess_problem_composition/Versions/Versions.htm

FEN:
b(r3)1K(B3)(n3)2/4p3/3bN2R/1B1kP3/1p1rN2R/4P1B(N3)/2(R3)3Pr/3(Q3)1(B3)2

No. 2

Paz Einat
1ˢᵗ HM
MT L. Lačný 2021

#2   13 +9

Nightriders c3,h2

1.♞e4-c5 ? [2.♘c3-b1 #]
1...♞f6-d7 **a** 2.♖h8xh5 **A** # (♖h8xe8?)
1...♞f6-e4 **b** 2.♖h8xe8 **B** #
1...♞f6xd5 **c** 2.♘c3-g1 **C** # (♖h8xh5?)
1...♞c1-e2 **x** 2.♞c5-d3 **Y** #
 but 1...♞c1-d3 !

1.♞d5-e3 ! [2.♘c3*a2 #]
1...♞f6-d7 **a** 2.♖h8xe8 **B** # (♖h8xh5?)
1...♞f6xe4 **b** 2.♘c3-g1 **C** # (♖h8xe8?)
1...♞f6-d5 **c** 2.♖h8xh5 **A** #
1...♞c1-e2 **x** 2.♞e3-c4 **Z** #
1...♞c1-d3 2.♞e3-c4 #

- Lačný cycle + an additional change
- The three thematic defenses are by the same piece
- Dual avoidance

FEN:
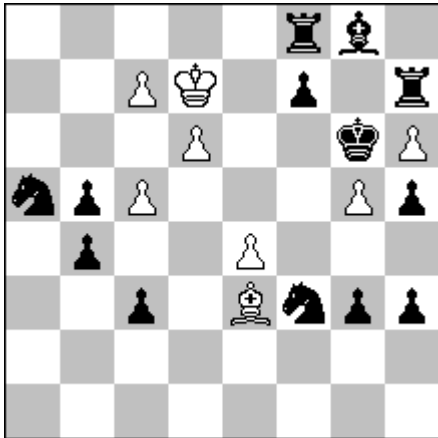2B1n2R/8/R2P1nP1/1P1Nk2p/4N1p1/1p(N2)3P1/pB5(N2)/K1n2b2

No. 3

Paz Einat
1ˢᵗ Prize
Tzuica Tourney, Orthodox
Section 2019

a) 1.c8=B Sd2 2.Bb7 Sxe4 3.Bxe4 + f5 #

b) 1.c8=R Sf5 2.Rc6 Sxd6 3.Rxd6 + f6 #

c) 1.c8=S Sh2 2.Se7 Sg4 3.Sg6 + fxg6 #

d) 1.c8=Q Se1 2.Qe8 Sd3 3.Qe6 + fxe6 #

AUW & Pickaninny
In two solution the black knight is sacrificed while in the other two solutions it makes selfblocks.

HS#3   8 + 13

b) bSf3➔h4
c) bKg6➔h4
d) bKg6➔c4

Judges Vlaicu Crişan and Eric Huber wrote:
"The thematic combination enthused us from the start: white Allumwandlung and Pickaninny, made for the first time in helpselfmate. In the first two solutions the black Knight is sacrificed actively in order to be captured by the white piece promoted on W1. In the other two solutions, the bS is a self-blocker, and the promoted white piece is sacrificed in order to be captured by the Pickaninny bP. This wP-bP duel in 4 phases represents a remarkable and unique achievement in this tourney, hence the first place."
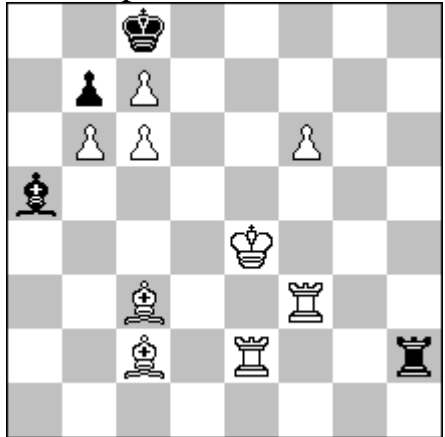
FEN:
5rb1/2PK1p1r/3P2kP/npP3Pp/1p2P3/2p1Bnpp/8/8

No. 4

Paz Einat
Prize
5th Cup of Bucovina 2020

Ser-r#6   9 + 4

b) wBc3=wQc3

a) 1.Be5 (1.Kd3? 2.Re8#) 2.Kd3 (2.Kf4? 3.Bf5#)
   3.Re4 4.Ke3 5.Bd3 6.Bd4 (only now) Bd2 #

b) 1.Rf5 (1.Ke3? 2.Bf5#) 2.Ke3 (2.Kd4? 3.Re8#)
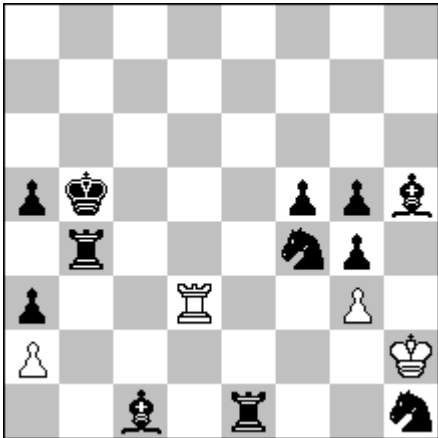   3.Be4 4.Kd3 5.Re3 6.Qc4 (only now) Rd2 #

- Orthogonal-diagonal transformation
- Reflex specific strategy determining move order
- Model mates

FEN:
2k5/1pP5/1PP2P2/b7/4K3/2B2R2/2B1R2r/8

No. 5

Paz Einat
Award?
e4-e5 Magazine 2020

Ser-H=14   9 + 6

1.c1=B 2.d1=Q 3.Qd2 4.Qh6 5.d2 6.d1=R
7.Rd5 8.Be3 9.Bxf2 10.Bd4 11.f2 12.f1=S
13.Se3 14.Ke4 Sxh6 =

- AUW
- Triple-pin stalemate

C+ Popeye & Winchloe: intelligent mode
C+ Gustav: Brute force

FEN:
B5N1/8/8/5k2/1R4p1/3p1pB1/1PppQP1P/K7

No. 6

Paz Einat
Probleemblad 2021

Ser-S#21   4 + 12

C+ Gustav

Part 1 – Introduction:
1.Rxa3 2.Rd3 (switchback #1 foreseeing the move of the white queen, to be promoted, to f1)
3.a3 4.axb4 5.bxa5 6.a6 7.a7 8.a8=Q

Part 2 – Marching the king & the Q/R maneuver
9.Qxh1 10.Qf1 11.Kg1 12.Kf2 13.Qe2 14.Qd2 15.Re3 16.Re2 17.Ke3 18.Kd4

Part 3 – Grand finale
19.Qa2 (switchback #2) **20.Qa8** (closing the circuit, switchback #3) **21.Rb2+ Bxb2#**

FEN:
8/8/8/pk3ppb/1r3np1/p2R2P1/P6K/2b1r2n