G175-1 Petkov, Petko – **10,5** points
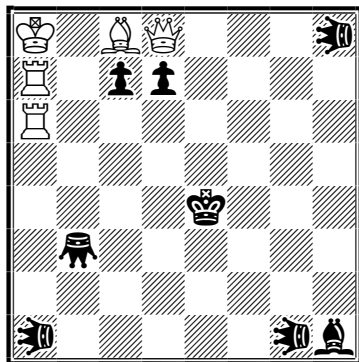TT Tzuica, 2021
1st Prize

a) 1.♖a2! ♔f3 2.♖7a4! Gg3
3.♕f8+! ♔e3#!

b) 1.♖a3! Gd4 2.♖7a5! Gf4
3.♕e8+! ♔d4#!

c) 1.♖a4+! ♔d5 2.♖7a6! Ge5
3.♕g8+! ♔c5#!

hs#3   b) Gb3->g4   5+8
            c) Gb3->c5
Grasshopper (G): b3
Lion (LI): a1, g1, h8
                    C+

G175-2 Petkov, Petko – **11,25** points
Julia's Fairies, 2019(I)
In memoriam my father Andon Petkov
1st Prize

a) 1...Na1 2.LEe6 ♗c2 3.♔e3 g4
4.LEf5+ ♗:f5#   BN battery

b) 1...♗b1 2.LEc7 ♖c2+ 3.♔d3 e5
4.LEc5+ ♖:c5#   RB battery

c) 1...♖c1 2.LEd8 Nc2 3.♔c3 a4
4.LEf8+ N:f8#   NR battery

hs#3,5   b) ♟g5->e7   6+6
              c) ♟g5->a5
Nightrider (N): g4
Leo (LE): d6, f2
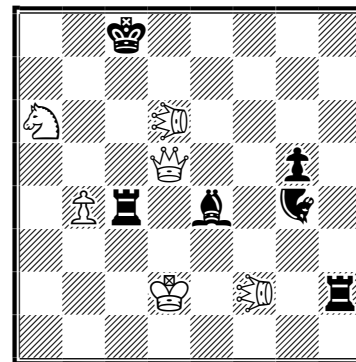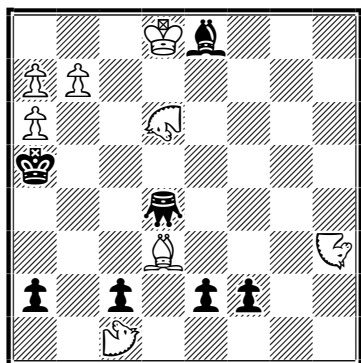   C+

Thematic complex:
1. Here we have three time white Bristol R-R by the pinned white rooks Ra7/Ra6, + pelle on the vertical "a" and three time pelle moves of the pinned white queen on the 8th horizon!
2. For the first time, a record (task) with a total of 9 Pelle-moves in the three phases was demonstrated here!
4. The mates are realized after play of the K/B battery: the bK opens the black Bh1, but at the same time the bK creates an indirect black anti-battery using the black LIg1 with goal to keep a7 square!
5. Also interesting are the three blocks of the black king, demonstrated by the black Grasshopper, who at the same time guards the field "b8".
6. It is paradox that in this problem we have model - mates with 4 pinned white figures on the board and 9 pelle-moves!

Thematic complex:
1. Cyclic black Indian theme realized with Rook, Nightrider and Bishop who create the batteries B/N (a), R/B(b) and N/R(c) with play of the black battery-pieces on the same field - c2 + Cyclic interchange of functions!
2. Active white king, unpin of the LEf2 with subsequent opening of the black Rook's line.
3. The white LEd6 opens a line for the white Queen and creates hurdles for the subsequent action – creation of white anti - batteries G/G in which the rear anti-battery piece (LEf2) opens simultaneously line for Rh2.
4. Meredith.
5. Such a complex is presented for the first time without using of Fairy condition!

G175-4 Petkov, Petko – **12** points
Tzuica, 2020
1st Prize (Section B)

hs#3,5   2.1...   8+7
Circe + Anti-Andernach
Grasshopper (G): d4
Nightrider (N): h3
Camel (CA): c1
Chamel-Hopper (CH): d6
C+

1...e1♖=w 2.b8♗=b f2:e1CH [+w♖a1]
 3.♖b1=b ♗c6=w (3...♗b5?)
  4.a7:b8CA [+b♗f8]+ ♖:b8#

1...f1♕=w 2.a8♘=b e2:f1N [+w♕d1]
 3.♕f3=b ♗b5=w (3...♗c6?)
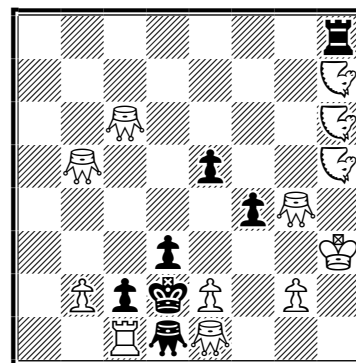 **4.b7:a8G [+b♘g8]+ ♕:a8#**

Thematic complex:
1. Reciprocal play(promotions) with change of functions of two duets of pieces:
White duet: w. Pa7, Pb7; Black duet: Pe2, Pf2.
2. Double Schnoebelen after the successive reciprocal promotions & captures of the white pawns and the captures (with mates) on the fields a8 and b8.
3. Reciprocal promotions "A la Schnoebelen" of the black pawns.
4. Thematic Anti-dual tries of the black Be8 (3...Bb5? - I sol. and 3...Bc6? – II sol), which closes the black Rook on b5 (I) and the black Queen on c6 (II).
5. SUPER AUW with 8 promotions and model mates! (This is the first problem in the world from the HS# genre, in which the SUPER AUW with 8 promotions is realized with 15 figures only!).

G175-5 Petkov, Petko – **9,75** points
17th TT Phénix, 2021
1st Prize

hs#2,5   3.1...   12+7
Anti-Andernach
Breton adverse
Grasshopper (G): b5, c6, e1, g4, d1
Nightrider (N): h5, h6, h7
C+

1...Gd1-f3=w
 2.Nh6-d4=b Nd4:f3[-wGb5]
  3.Nh7:f3+ ♖h8:h5[-wNf3]#
Dual-avoidance tries:
2...(Nd4:f3[-wGc6]?
2...(Nd4:f3[-wGe1]?

1...Gd1-b3=w
 2.Nh5-d7=b Nd7:b3[-wGc6]
  3.Nh6:b3+ ♖h8:h7[-wNb3]#
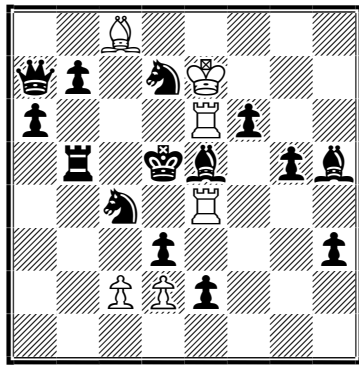Dual-avoidance tries:
2...(Nd4:f3[-wGe1]?
2...(Nd4:f3[-wGb5]?

1...Gd1-f1=w
 2.Nh7-d5=b Nd5:f1[-wGe1]
  3.Nh5:f1+ ♖h8:h6[-wNf1]#
Dual-avoidance tries:
2...(Nd4:f3[-wGb5]?
2...(Nd4:f3[-wGc6]?

Thematic complex:
1. Cyclic interchange of functions in play of three white Nightriders with following cyclic order: first N changes its color and captures w.G; second N captures the first N and gives "check"; third N is captured from the b.R and the second N is eliminated etc. With other words: here we have combination of changes of colors, and multiple thematic captures with Annihilation/ Breton adverse and Anti-Andernach elements.
2. For the first time here is demonstrated a cycle of Bretron adverse elimination of three white Grasshopers: Gb5, Gc6, Ge1 with dual-avoidance tries!
3. As a "conductor" of this play is the black Gd1 which demonstrates change of color & sacrifice.
4. Model mates.

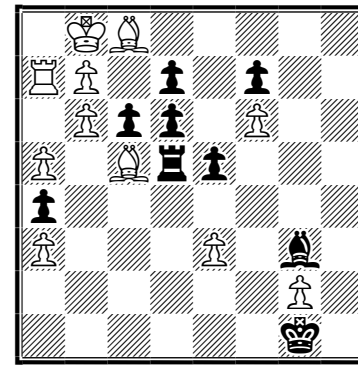**G213-1** Semenenko, Valery – **10** points
MT Pal Benko, 2020
1st Prize

1...♖:e2 2.♕e3 ♖:a6 3.♘db6 ♗:h3
4.♗g4 ♔e8 5.♔e6 ♖:b6+ 6.♗d6 ♗:g4+
7.♖f5 ♖:e3+ 8.♘e5 c4=

First-ever presentation of triple (!)
Maslar in a single-phase problem.

h=7,5   C+   6+14

An excellent triple ambush by white pieces which later capture their black victims
(Maslar Theme) and pin the remaining three black pieces. Note how the black
King enters into the triple pin after the white King's withdrawal move. All
thematic white and black pieces play, including Kings.
(Judge Mike Prcic)

G213-3 Semenenko, Valery – **9,5** points
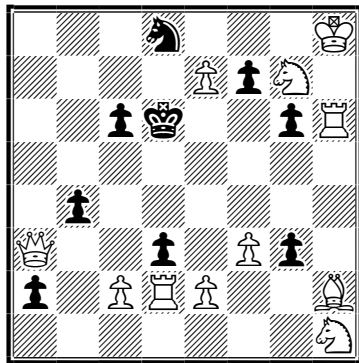8th FIDE World Cup, 2020
4th Prize

1.♗:d6 ♖:a5 2.♗c5! ♖b5 3.♖:a4 ♔f2
4.♖d4 ♔:e3 5.♖:d7 ♔e4 6.♗g1 ♖a5!
7.♖d4! e:d4#

First-ever presentation in a HS# of cyclic
Klasinc (wB-bR, bR-wR, wR-wB).

hs#7   C+   11+9

This single-line problem achieves a task never shown before in the HS# field: a
cyclic Klasinc! First, the white Bishop opens the gate, enabling the black Rook to
pass from d5 to a5, before it returns on c5. Then the black Rook opens the gate,
enabling the white Rook to pass from a7 to a4, before it returns to a5. Finally, the
white Rook opens the gate, enabling the white Bishop to pass from c5 to g1,
before it returns to d4. The sequence of moves demonstrates a masterful
precision. The construction initially seems crowded with 13 pawns, but you will
soon forget about it after seeing the sparkling theme and the crystal-clear idea.
Please don't get fooled by the fact it received "only" a fourth prize: this
composition should also go directly into the anthology. A really triumphant
combination, which concludes a superb set of prize winners!
(Judge Vlaicu Crişan)

G213-4 Semenenko, Valery – **9,5** points
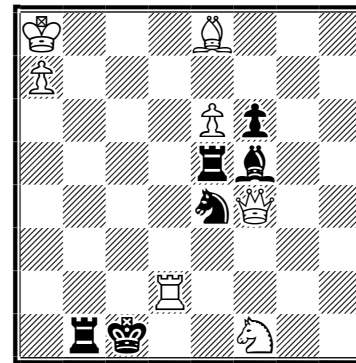SuperProblem, 2020
1st-3rd Prize

1.a1♗ 2.♗f6 3.g5 4.g4 5.g:f3
6.f:e2 7.e1♖ 8.♖e5 9.g2 10.g:h1♗
11.♗d5 12.d:c2 13.c1♖ 14.♖c5 15.b3
16.b2 17.b1♗ 18.♗f5 19.♗d7 e:d8♕=

ser.h=19   C+   11+9

Constructional masterpiece: stalemate with 5 (!) pinned promoted pieces
(B-R-B-R-B). Task! The only "black officer" in the initial position is captured,
and 5 promoted are pinned.
(Judge Borislav Gadjanski)

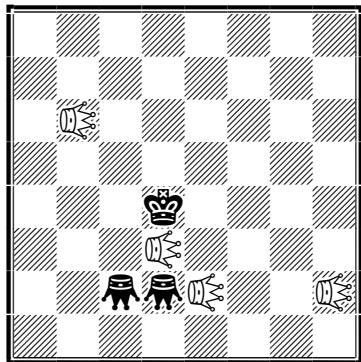**G213-5** Semenenko, Valery – **9** points
Moscow Tourney, 2020
3rd Prize

1.♕:e5 **A** ♗g6 2.♕:e4 **B** ♗:e8
          3.♕c6+ ♗e8:c6#

1.♕:e4 **B** ♖:e6 2.♕:f5 **C** ♖:e8+
          3.♕c8+ ♖e8:c8#

1.♕:f5 **C** ♘d6 2.♕:e5 **A** ♘:e8
          3.♕c7+ ♘e8:c7#

hs#3   3.1...   7+6
                C+

Double cyclic Zilahi. Cycle of W1/W2 moves.

G017-1 Kotěšovec, Václav – **11** points
Pat a Mat, 2021

1.Gb2 KAa2 2.♔c5 KAd2 3.Gc6 KAa2
4.♔d6 KAd7 5.Ge6 KAd8 6.♔c6 KAf6
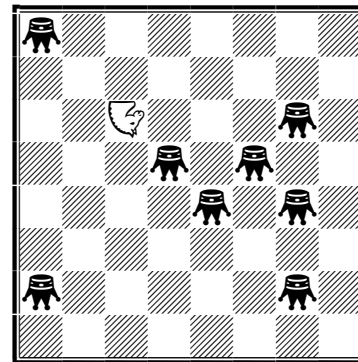7.Gb6 KAa6 8.♔c7 KAa5 9.Gb7 KAda7
10.♔b8 KAa4 11.♔a8 KAa1
12.Gb8 KAa7#

1.♔e5 KAb2 2.Gd4 KAf6 3.Ge4 KAc3
4.Ge6 KAf6 5.Gg6 KAc3 6.♔f5 KAh7
7.♔f6 KAh6 8.Gg7 KAch8 9.♔f7 KAh5
10.♔g8 KAh4 11.♔h8 KAh1
12.Gg8 KAh7#

h#12   4.1...   4+3
Grasshopper (G): c2,d2
Kangaroo (KA): b6, d3, e2, h2
(no white king)
          C+

1.Ge4 KAc2 2.Gf2 KAg1 3.♔e3 KAe5
4.♔e2 KAe1 5.♔d1 KAc1 6.♔e2 KAf5
7.♔f3 KAg6 8.Gg2 KAf1 9.♔g3 KAgg1
10.♔h2 KAd1 11.♔h1 KAb1
12.Gh2 KAg1#

1.Gf2 KAd2 2.♔d5 KAd6 3.♔c5 KAg1
4.Gd2 KAd1 5.♔c4 KAb5 6.Ge2 KAa6
7.♔b3 KAf1 8.Gc2 KAc1 9.Gb2 KAbb1
10.♔a2 KAe1 11.♔a1 KAg1
12.Ga2 KAb1#

4-fold echo in four corners with 7 (!) pieces First moves of the white kangaroos on the squares a2, b2, c2 and d2.

G017-2 Kotěšovec, Václav – **8,5** points
StrateGems, 2020
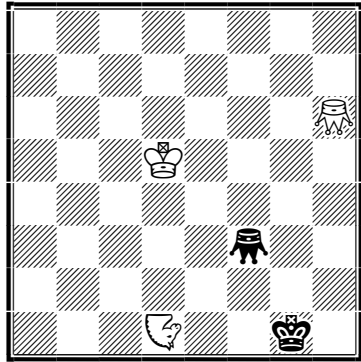

1.Ne2 2.N:g6(Ge2) 3.Nf4 4.N:d5(Gf4)
5.Nb4 6.N:a2(Gb4) 7.Nc3 8.Na4
9.N:e2(Ga4) 10.Nd4 11.N:f5(Gd4)
12.Nh4 13.N:g2(Gh4) 14.Nc4
15.N:a8(Gc4)=

1.N:a2(Gc6) 2.Nb4 3.Na6 4.N:e4(Ga6)
5.Nd6 6.N:f5(Gd6) 7.Nh6 8.N:g4(Gh6)
9.Nf6 10.N:d5(Gf6) 11.Nb6
12.N:a8(Gb6) 13.Ne6 14.N:g2(Ge6)
15.Ne1=

sd=15   4 Sol   1+8
          PlatzWechselCirce
Grasshopper (G): a2, a8, d5, e4, f5,
g2, g4, g6
Nightrider (N): c6
(no kings)
          C+

1.Ng8 2.N:e4(Gg8) 3.N:a2(Ge4) 4.Nc3
5.N:d5(Gc3) 6.Nh3 7.Ng1 8.N:c3(Gg1)
9.Na4 10.Ng7 11.N:f5(Gg7) 12.Ng3
13.N:e4(Gg3) 14.Ng5 15.N:a8(Gg5)=

1.Nd8 2.N:a2(Gd8) 3.Nb4 4.Nh1
5.N:f5(Gh1) 6.Nh4 7.N:g6(Gh4) 8.Ne5
9.Nf3 10.N:h4(Gf3) 11.Nb7
12.N:d8(Gb7) 13.Nc6 14.N:g4(Gc6)
15.Na1=

G017-3 Kotěšovec, Václav – **9** points
StrateGems, 2020

hs#10   4.1...   3+2
          Maximummer
Grasshopper (G): h6, f3
Nightrider (N): d1
          C+

1.♔d4 ♚h2 2.♔e3 Gd3 3.♔f2 ♚h3
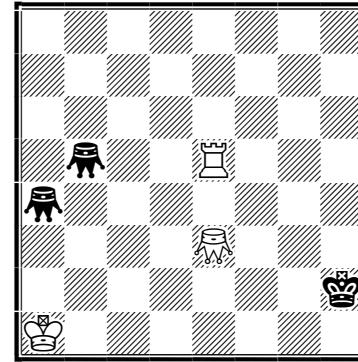4.Gh2 ♚g4 5.♔g1 ♚f3 6.Nb5+ ♚e2
7.♔h1 Ga6 8.Nh8+ ♚f1 9.Ng6 Gh6+
10.Nh4 Gh3#

1.Ne3 Gc6 2.♔d4 ♚f2 3.♔c3 Gc2
4.Gd2 Gc4 5.♔b2 ♚e1 6.Ga2 ♚d2
7.♔a1 ♚c1 8.Nd5 Ge6 9.Nb6 Ga6+
10.Na4 Ga3#

1.Nh3+ ♚f1 2.Gh2 Gc6 3.♔e6 Gf6
4.♔d7 ♚e2 5.♔c7 ♚d3 6.Gb8 ♚c4
7.♔b7 ♚b5 8.♔a8 ♚a6 9.Nf7 Gf8+
10.Nd8 Gc8#

1.♔e6 ♚h2 2.♔f7 Gf8 3.Ne3 Gf6
4.Ge6 Gd6 5.Gg8 ♚g3 6.Nf1+ ♚h4
7.♔g7 ♚g5 8.♔h8 ♚h6 9.Nc7 Gb8+
10.Ne8 Gf8#

4-fold exact echo in four corners.

G017-6 Kotěšovec, Václav – **9** points
Julia's Fairies, 2019

hs#8   4.1...   3+3
          Maximummer
Grasshopper (G): e3, a4, b5,
          C+

1.♖h5+ ♚g3 2.Gh3 Gc6 3.♖g5+ ♚f4
4.♖g4+ ♚e3 5.♖c4 Gc3 6.♖a4 ♚d2
7.♖a2+ ♚c1 8.Gb3 Gb2#

1.♔b1 Gf5 2.♖a5 Ga6 3.♖a2+ ♚g1
4.♖d2 ♚f1 5.Gc1 ♚e1 6.♖b2 ♚d1
7.Ga3 Ga2 8.Ga1 Gc2#

1.♖c5 Gc6 2.♖c2+ ♚g3 3.♔b1 Gc1
4.♖c3 Gf4 5.Gb3+ ♚f2 6.♖c2+ ♚e1
7.♔c1 Gb2 8.Gb1 Gd2#

1.♖f5 Gg5 2.♔b1 Gd2 3.Gc1 ♚g1
4.♔c2 Gd1 5.♖f3 Gg4 6.♖d3 Gb2
7.♔d1 ♚f2 8.♖d2+ Ge2#