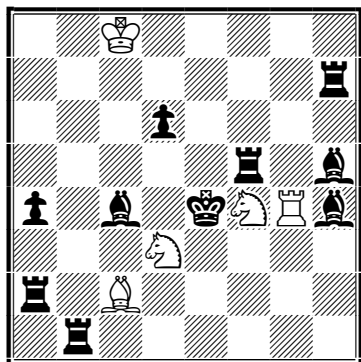


G106-1 Crisan, Vlaicu - **11.25** points

5th FIDE World Cup, 2017

1st Prize



- 1... ♔:d3→c1
2. ♖:h4→d8 ♗:h1
3. ♗:f5→g5 ♞:c2
4. ♞:d3+ ♗:d3→f4#

- 1... ♔:f4→h3
2. ♗:b1→b8 ♞:h2
3. ♞:c4→b3 ♗:g4
4. ♞:f4+ ♞:f4→d3#

hs#3.5 Take&Make 5+10
2.1...

Judge's (Petko Petkov) comments: An extremely complex and interesting problem, composed in a hyper-modern style! With only four figures, the two white batteries show a paradoxical metamorphosis – these initial batteries are destroyed and new white batteries are created in the solutions! The black ones respond with the construction of two other batteries (vertically and diagonally), which give beautiful mates.

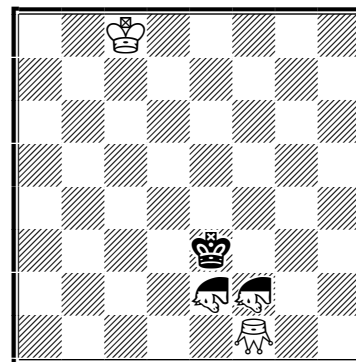
The play is extremely dynamic, as the black king in the two phases occupies the distant fields c1 and h3 where we see also in every phase two self-blocks realized by black figures! Full diagonal-orthogonal correspondence in a problem in which five (!) duets of thematic figures are played (Sd3/Sf4, Rg4/Bc2, Rb1/Bh4, Ra2/Rh5, Rf5/Bc4).

Of course, I accept that it is normal for a modern fairy – opus to use a "hyper complex" of orthodox figures – 4 black Rooks and 3 black Bishops! In the near future, most fairy problems will have similar material.

G106-2 Crisan, Vlaicu - **10.5** points

Julia's Fairies, 2016

1st – 2nd Prize, 2016/I section B



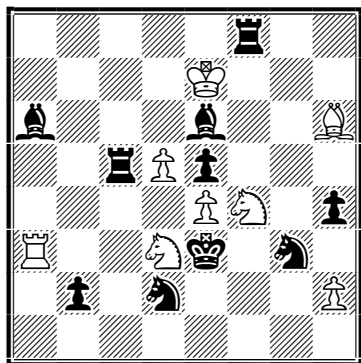
- 1...CGd3 2.nLS:d3-c5(CGf2) CGd4
- 3.nLS:d4-e6(CGe2) Kb7 4.nLS:e2-c1(CGe6)
- Kb6 5.nLS:e6-g5(CGc5) CGa7#

- 1...CGf4 2.nLS:f4-e6(CGe2) CGe4 3.nLS:e4-c5(CGf2) Kd8 4.nLS:f2-h3(CGc5) Ke7
- 5.nLS:c5-b3(CGe6) CGe8#

h#4.5 PWC 2+1+2
f1: Contragrasshopper
e2, f2: Rose-Locust
2.1...

Judge's (Petko Petkov) comments: This beautiful problem was described by the author as "Ideal mirror mates after intensive PWC specific play with diagonal-orthogonal correspondence." I'd like to explain that a very important component of the thematic content here is the active play of the white king. Although to a large extent PWC is a restrictive condition, the play in this problem is quite long, making the solutions difficult. The originality of this problem was already noted on the website. The comparison of this work by Vlaicu Crişan with the helpmate in two by Didier Innocenti (1st Prize J. Bertin MT 1989 – 1991) is possible, but also abstract at the same time. Such an analogy in no degree reduces the value of Vlaicu's idea, which is expressed in great aristocratic Tanagra form!

G106-4 Crisan, Vlaicu - **11.25** points
 Olympic Ty, 2018
 Special Prize



- a) 1... ♔:d3→c1
 2. ♖:a6→e2 ♜:d5→d6
 3. ♔:d6→d3 ♜:f4→h3
 4. ♜:d2→f1+ ♜:f1→f4#
- b) 1... ♔:f4→h3
 2. ♜:f8→f2 ♜:d5→d6+
 3. ♔:d6→f4 ♜:d3→c1
 4. ♜:g3→f1+ ♜:f1→d3#

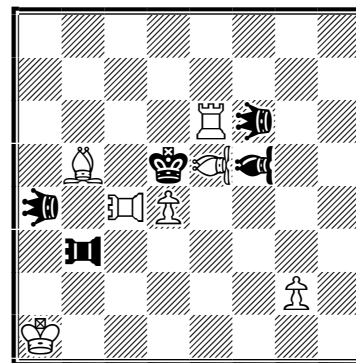
hs#3.5 Take&Make 8+10
 b) ♗:e5→g4

Judge's (Petko Petkov) comments: In the starting position there are white batteries S/R and S/B. On the first move the black King destroys these batteries by capturing the forward pieces (Knights). This operation leads to the formation of new white batteries and beautiful finishes in which we see white and black "double check against double check – mate". An excellent concept, realized by play of five pairs of thematic pieces in full diagonal-orthogonal correspondence, with activity of the two Kings and optimal use of the fairy condition! Remarkable!

Similar batteries and initial king's moves (captures) exist in the well known problem by the Romanian maestro Vlaicu Crişan (5th World Cup, 2017, 1st Prize) I do not want to say that the old problem is a predecessor of the new one, but still, to some degree, I am disturbed by the quoted analogy.

On this basis, I award a special prize to the new problem, which is much better than the previous.

G106-5 Crisan, Vlaicu - **9.75** points
 Die Schwalbe, 2017
 Dedicated to bernd ellinghoven



- a) 1...LEf7!!
 2.hnVAb8=n LEa:d4
 3.hnPAc7=n PAd3
 4. ♜:e5+ hnVA:e5=b# (5.hnPAc3=w??)
- b) 1...LEa5!!
 2.hnPAc8=n LEf:d4
 3.hnVAc7=n VAd3
 4. ♜:c4+ hnPA:c4=b# (5.hnVAc4=w??)

hs#3.5 Chinese pieces 7+5
 c4, e5: half-neutral
 b) ♔:a1→h4

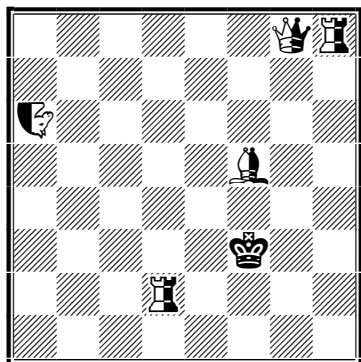
Giegoldesque keys, unpinning a white piece and creating an indirect triple masked royal anti-battery. Four pairs of pieces mutually change their roles (Re6/Bb5, PAc4/VAe5, LEa4/LEf6, PAb3/VAf5). Meredith with lots of anti-battery play in diagonal-orthogonal correspondence.

G185-1 Petkov, Petko - **11.5** points

StrateGems, 2017

1st Prize

In memory of my mother Danka Petkova



- a) 1.n ♖h6 n ♜:a6!
 2.n ♔g3+!! hn ♚:g3=nh
 3.nhn ♜d3=wh+! nhn ♜:d3=bh ==

- b) 1.nNd6 nN:f5!
 2.n ♔g4+!! hn ♚:g4=nh
 3.nhnNc2=wh+! nhn ♜:c2=bh ==

- c) 1.n ♜c3 n ♜:d2!
 2.n ♔g2+!! hn ♚:g2=nh
 3.nhn ♜e4=wh+! nhnN:e4=bh ==

hs==3 GhostChess 0+1+5
 a6, d2, f5, f3: half-neutral
 b,c) neutral N,B h8

Two systems of cycles with Zilahi motives:

1st cycle - om 1st move between nature of pieces which stand on h8 and half-neutral pieces (hnNa6, hnnRd2, and hnnBf5) as follow: a)1.nR x nhN , b) 1. nN x nhB, c) 1.nBx nhR

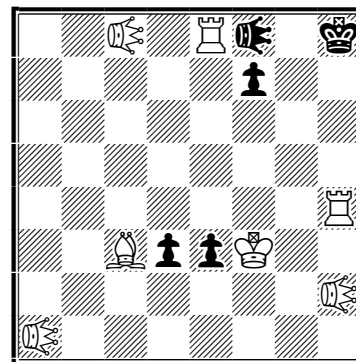
2nd complete cycle - between half-neutral-pieces only: captured piece on 1st black move / sacrifice on 3rd white move / final capture on 3rd black move

Other thematic elements:3 nQ sacrifices, 3 finals with cyclical duets of pieces: nR/ hbB , nN/hbR, nB/hbN, triple Ghost - motives in finals (!),change of phase by the hnKing, 6-men aristocrat! Forsberg - twins! Shown for the first time!

G185-2 Petkov, Petko - **9.5** points

JT "D.-I. Nicula - 50", 2018

1st Prize



♖e8=piece A, ♜c3=piece B, ♜h4=piece C

- a) 1.LO:e8-d8 ♜f6! 2.LO:f6-g5 ♜h7#!!

LOxA, LOxB, C mates

- b) 1.LO:c3-b2 ♜b4! 2.LO:b4-b5 ♜g8#!!

LOxB, LOxC, A mates

- c) 1.LO:h4-h3 ♜e6! 2.LO:e6-d7 ♜g7#!!

LOxC, LOxA, B mates

h#2 Lortap, Locusts 7+5
 b,c) ♜f8→d4,h6

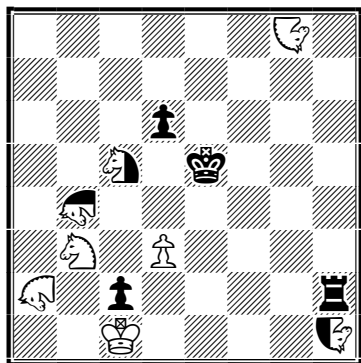
1st White trio - forward line-pieces: Re8, Bc3, Rh4

2nd White trio - rear white pieces: LOc8, LOa1, LOh2

In the initial setting the black King has 3 (!) free squares: g8,g7,h7!

1. A paradoxical thematic mechanism with three special 'ecto - batteries' in which the orthodox white line - figures are "front pieces" and the three white Locusts - "rear pieces"! In the beginning White is not under "check" because the front line - pieces are deactivated by the rear Locusts!
2. Complete cycle with change of function between the white pieces A,B,C with motives: passive sacrifice / active sacrifice / mating move!
3. Double Zilahi cycle with 2 thematic captures in each solution.
4. Double annihilation theme + Super activity by the black Locust.
5. Double line-opening for white Locusts.
6. Paradoxical model mates delivered by pieces A, B and C, performing long moves and standing on adjacent fields to the black king!
7. Meredith without white Pawns. Shown for the first time!

G185-3 Petkov, Petko - **10.5** points
StrateGems, 2018

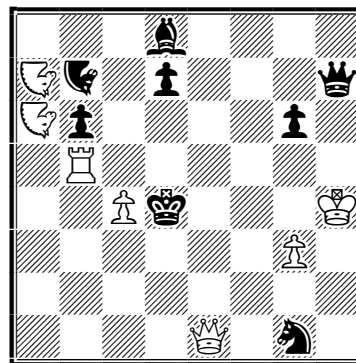


hs#2 Disparate 5+4+3
a2, b4: Rose
g8, h1: Nightrider
b,c) ♞a2→a4,a1

- a) **1.ROc7! n♞:d3+! A 2.nR0:d3+! B nN:d3# C**
1...B?, 1...C?, 2.C?
- b) **1.Nge7! nR0:d3+! B 2.nN:d3+! C n♞:d3# A**
1...C?, 1...A?, 2.A?
- c) **1.♞d4! nN:d3+! C 2.n♞:d3+! A nR0:d3# B**
1...A?, 1...B?, 2. B?

1. Threefold play on the same square - d3 (Tzuica-2018 theme) - realized in play only by neutral pieces+ simultaneously control to both Kings!
2. Three consecutive cross checks in every solution (a la Tzuica -2017 theme)!!
3. Complete Cycle of mutual capturing moves: ABC, BCA, CAB including double ZILAH! cycle.
4. Double cycle (on the first black move) of tries with dual-avoidance effect: 1...B?, 1...C?, 1...C?, 1...A?, 1...A?, 1...B?.
5. Cycle (on the second white move) of tries with dual-avoidance effect: 2.C?, 2.A?, 2.B?
6. Disparate - effects on every half-move (4 fois!), including mate!
7. Model-mates in Meredith!
8. Shown for the first time!

G185-4 Petkov, Petko - **10** points
StrateGems, 2017
4th Prize

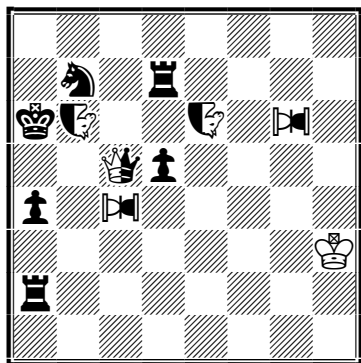


hs#2.5 AntiCirce Couscous 7+8
b,c) ♞g1→h2,e4

- a) **1... ♞f7**
2. ♜g5! ♞f5!
3. ♞e4+ ♞:e4 (♞d1)#
- b) **1...Na5**
2. ♜h5! Ne7!
3. ♞c3+ N:c3 (Nd1)#
- c) **1... ♞g5**
2. ♜f5! ♞h6!
3. ♞e3+ ♞:e3 (♞d1)#.

1. Cyclic play and cyclic change of functions of 3 black figures that initially pin the white Qe1: battery front / battery rear / pins white rook
2. Threefold removal of control on h4-square (w.King), unpin of white Q and three sacrifices of w.Q. Threefold occupation of black pieces on d1 - square.
3. Bivalve theme in play of w.R (opens line for w.N, closes line of black piece).
4. Shown for the first time!

G027-1 Grolman, Lev - 9 points
 JT "SuperProblem - 10", 2016
 1st Prize



1.nEca8! nE:g6(nEg8)+ 2.nNea8! nN:b6 (nNb8)#
 2. nNba8? nN:e6 (nNe8)+ ? 3. ♖c7!

1.nEga8! nE:c4(nEc8)+ 2.nNba8! nN:e6 (nNe8)#
 2. nNea8? nN:b6(nNb8)+ ? 3.nEa8!

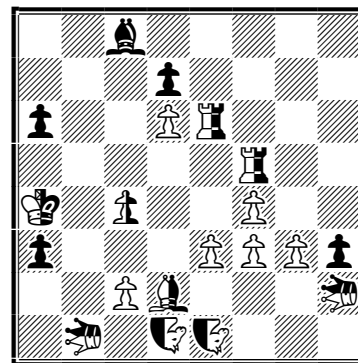
1.nNba8? nEgc6 2.nEe4 nN:e6(nNe8)+ ? 3.n♔c7!
 1.nNea8? nEcc6 2.nEe4 nN:b6(nNb8)+ ? 3.nEga8!

h#2 AntiCirce 1+6+5
 b6, e6: Nightrider
 c4, g6: Equihopper
 2.1...

An original mechanism of the interaction in both solutions of four fairy neutral pieces when they are passing through one corner square of the chess-board with the following double taking and the peculiar formation of the mate of two checks of the consecutive formation. The doubled effect like Zilahi, but with taking of the neutral pieces when it is the turn of a move of the white pieces. The change of the functions of two couples of fairy neutral pieces nEc4, nEg6 and nNb6, nNe6, each of which had a role both the beating figure and the figure being knocked down.

Meredith with the representation of the interesting way of making of the double mate by means of a «building on» of the single, thematic false tracks and the identical solutions with the correct mates.

G027-3 Grolman, Lev - 9.5 points
 SuperProblem, 2017
 1st Prize



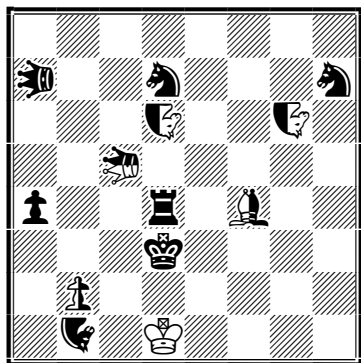
1... n ♖ :e3(n ♖ h8)
 2.n ♖ :c8(n ♖ h1) n ♖ c5
 3.n ♖ :h2(n ♖ a1) nNg7
 4. nNe:c5 (nNc8)+ n ♖ :b1(n ♖ a8)#

1...n ♖ :f4(n ♖ h8)
 2.n ♖ :h3(n ♖ h1) n ♖ e4
 3.n ♖ :e1(n ♖ a1) nLEh4
 4. nLE:e4(nLEe8)+ n ♖ :d1(n ♖ a8)#

hs#3.5 AntiCirce 6+5+9
 d1, e1: Nightrider
 b1, h2: leo
 2.1...

Complete tactical analogy of the play in both phases. One neutral rook creates a protective barrier for forming and making a double check to the black king with a pair of the neutral nightriders after its taking in the first solution. The second neutral rook makes a concluding stroke by means of transformation of a double check to the black king for mating to the white king. Coming to the mating field the second neutral rook according to AntiCirce was at all four angular fields of the chess-board, knocking down four pieces including a pair of neutral Leos. The neutral rooks switched the roles with simultaneous changing of functions of a pair of neutral nightriders with a pair of neutral Leos in the second solution.

G027-5 Grolman, Lev - **10.5** points
 Moscow Ty, 2018
 1st Prize

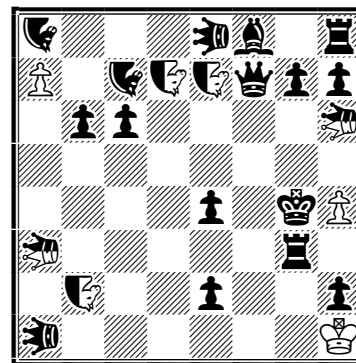


1.Llf7 nN:f7→h5 2.Nd2 n♙:d2→b1#
 1. ♖g5 n♙:g5→h7 2.Lla3 nN:a3→c1#
 1.Llae7 nNg:e7→b7 2.Ne7 nLl:e7→d5#
 1. ♖df8 nLl:f8→d7 2.Llf2 nN:f2→c5#

h#2 Take&Make 1+7+5
 a7, c5: Lion
 d6, g6: Nightrider
 4.1.1.1

The four-stroke cyclic battery quartet of the neutral figures. When playing the formed battery tandems, there are four different mates with the double strokes of the neutral figures a, b, c, d at the closed cycle, when each of them was in the role of the front revealing and the rear ambush figure while keeping the tactical analogy of the game in «Take & Make» style in all phases. The black Lion is involved in the game in all four phases in the pair either with the black nightrider or with one of the black knights. The mating pictures were created with the participation of all neutral figures.

G027-6 Grolman, Lev - **10** points
 SuperProblem, 2018
 3rd Prize



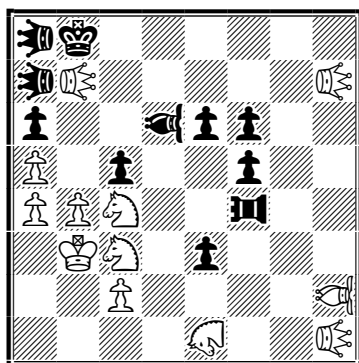
1.Llc3 nNa1+ 2.Nce3 nLl:e3→d1#
 1.b5 nLl:a8→c4+ 2. ♙f4 nN:f4→f6#
 1.Llg6 nNe8+ 2. ♙f6 nLl:f6→d4#
 1.g5 nLl:h8→g8+ 2. ♙g6 nN:g6→h6#
 1.c5 nNc6+ 2.Lle5 nNd:e5→e3#

h#2 Take&Make 3+16+5
 e8, h6, a3, a1: Lion
 a8, c7, d7, e7, b2:
 Nightrider
 5.1.1.1

The five-phase cyclic battery complex of five neutral fairy figures. When playing the formed battery tandems, five different mates with the double strokes of the neutral fairy figures a, b, c, d, e at the closed cycle, when each of them was in the role of the revealing and the ambush figure.

In all phases the black figures have practically a homogeneous purposeful game «on loading» of the formed batteries with the black figures when keeping the sequence of their moves. Revealing of the formed batteries by all neutral figures by turns in the cyclic order with the completion of the identical mate finals by taking these «loaded black figures». All neutral figures are involved in the mate final positions.

G190-1 Gadjanski, Borislav - 10 points
 SuperProblem, 2018
 1st – 2nd Prize



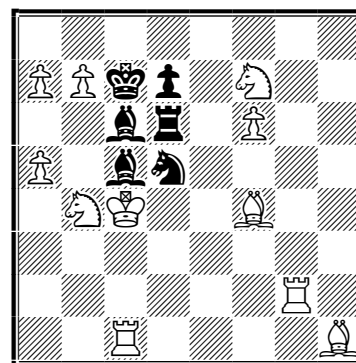
- 1.hLEg7 LEf7
- 2.hLEf7[g7=b]! ♔a7
3. ♘a3 VA:b4! (VAd6~?)
- 4.hLEb7+ hLE:b7[f7=b]#

- 1.hLEg2 LEf3
- 2.hLE:f3[g2=b]! ♔a8
3. ♘a2 PA:b4! (PAf4~?)
- 4.hLEb7+ hLE:b7[f3=b]#

hs#4 Chinese pieces 12+11
 b7, h7, h1:
 Andernach Leo
 2.1...

Paradoxical W/B – switchback: departure in the 1st and return in the very last (8th) half-move!
 Perfect ODT (with hccLeos & Leos) + exchange of functions between four pairs of pieces:
 h1/h7, a7/a8, c3/c4, f4/d6. Orthogonal and diagonal mixed Bristol with switchback and
 changing color. Orthogonal and diagonal self-blocks by SS. The h2-b8 diagonal must be
 opened by “removing” one of two black units. These units (Vao & Pao) do it reciprocally with
 “Chinese hideways” on b4. Mat (by double check) with hccLEOs, which are initially white. All
 fairy pieces are Chinese.

G190-2 Gadjanski, Borislav - 9.5 points
 Olympic Ty, 2018
 2nd Prize



- 1... ..
2. ♔:d5→e7 ♘:g2→c2!!
3. ♘:c2→d3! zz ♚:d3→e5#

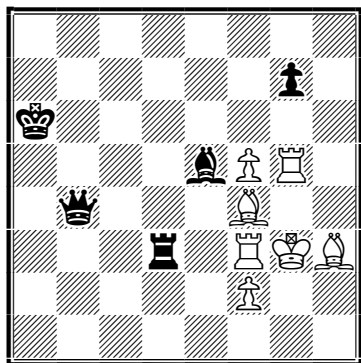
- 1... ♘:b4→c2!!
2. ♚g:c2→e4! ♘b4!
3. ♔:b4→a6 zz ♘:e4→c4#

(2. ♚:c2→a4? ... 4. ♘:h1→c6)

hs#2.5* Take&Make 11+6
 2.1...

- Battery mates with double check after „zugzwang“, where both, the front and the rear, battery pieces are pinned (before and after the matting moves).
- BR diagonal Pelle-maneuver in the set play, and BB orthogonal Pelle-maneuver in the solution. (the paradoxical movements of the black rook and the black bishop)
- 8 take&make moves = 4 in set play + 4 in solution!
- Cyclical mutual capturing of Rg2, Bc6, Sb4 & Bc5: AxB, BxC, CxD, DxA (A=Bc6, B=Rc2, C=Bc5, D=Sb4)
- Masked Half-pin on the c-line, with the BBs „take&make movements“ along this line. All moves of bishops are orthogonal, and all moves of rooks are diagonal!

G190-3 Gadjanski, Borislav - **10.5** points
 6th FIDE World Cup, 2018
 1st Prize



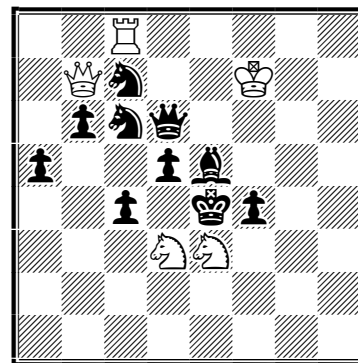
hs#5 b) ♖b4 7+5

- a) 1. ♖g4 ♗b8
 2. ♗c7 ♖d6
 3. ♖b3 ♔b7
 4. ♗b6 g5
 5. ♗f1+ ♖d3#

- b) 1. ♗g2 ♖a3
 2. ♖b3 ♗c3
 3. ♗c7 ♖ba4
 4. ♖b6+ ♔a5
 5. ♗f6+ ♗e5#

Meredith, where three pairs of pieces mutually change their roles.
 The two black pieces unpin the white pieces and form reciprocal batteries mating by switchback.
 The white unpinned pieces alternatively play on b6, putting the needed guards on the black King's flights.
 Changing the roles between the wRg5 and the wBh3: selfblock on W1, check on W5
 Absolute orthogonal-diagonal correlation between solutions without capturing.

G190-5 Gadjanski, Borislav - **9** points
 10th WCCT, 2016 – 2017
 2nd Place



h#2 Take&Make 5+10
 2.1.1.1

1. d4 ♔:c7→a8
 2. ♔:e3→d5 ♖:c6→d8#
1. ♗d4 ♔:c6→b8
 2. ♔:d3→e5 ♖:c7→e8#

Chameleon echo pin-mates. Self-blocks on d4 with FML effects. 3 pairs of thematic moves.
 Destruction of unmoving black pieces with virtual thematic moves of the black king.
 White R-Q masked battery which mates once with a front and once with a rear piece. (Partial reciprocal change of roles front and rear pieces: giving check and pinning BQ)