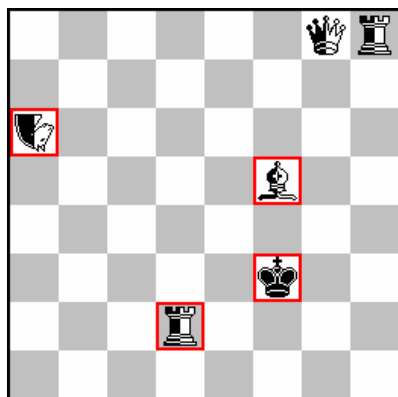


**No 1. PETKO A.PETKOV**

Strate Gems - 2017

1<sup>st</sup> Prize

(In memory of my mother Danka Petkova!)



HS = = 3 (0+1+5)

(C+ Popeye 4,79)

b) neutral Nh8

c) neutral Bh8

GHOST CHESS

□ = Half-neutral pieces: nNa6, nRd2, nBf5, bKf3

♞ = Nightrider

SOLUTIONS:

- a) 1.nRh6 nRxa6! 2.nQg3+!! hnKxg3=nh 3.nhnRd3=wh+! nhnBxd3=bh ==  
 b) 1.nNd6 nNxf5! 2.nQg4+!! hnKxg4=nh 3.nhnNc2=wh+! nhnRxc2=bh ==  
 c) 1.nBc3 nBxd2! 2.nQg2+!! hnKxg2=nh 3.nhnBe4=wh+! nhnNxe4=bh ==

**TWO Systems of Cycles with Zilahi motives:**

**1<sup>st</sup> CYCLE** - om 1<sup>st</sup> 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**

**2<sup>nd</sup> COMPLETE CYCLE:** between half-neutral-pieces only:

if: nhnNa6 = **A**, nhnRd2=**B**, nhnBf5=**C**:

phase	captured piece on 1 <sup>st</sup> black move	sacrifice on 3 <sup>rd</sup> white move	final capture on 3 <sup>rd</sup> black move
a)	<b>A</b>	<b>B</b>	<b>C</b>
b)	<b>C</b>	<b>A</b>	<b>B</b>
c)	<b>B</b>	<b>C</b>	<b>A</b>

**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!

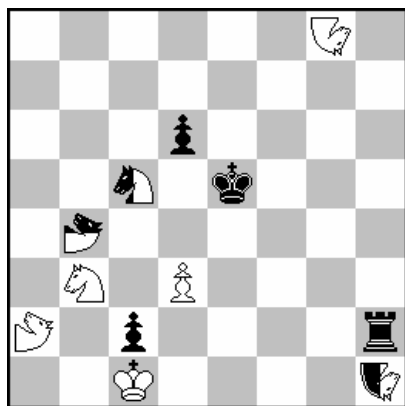


### No 3. PETKO A.PETKOV

Strate Gems - 2018

(The award is yet not published )

Strate Gems, No 84  
№ FB1760



HS#2

(5+4+3)

(C+ WinChloe 3,43 and Popeye 4,79)

b) Roa2→a4

c) Roa2→a1

DISPARATE

☞☞ = Rose

☞☞ = Nightrider

#### SOLUTIONS:

- a) 1.ROc7! nSxd3+! (A) 2.nROxd3+! (B) nNxd3# (C) → 1...B?, 1...C?, 2.C?  
b) 1.Nge7! nROxd3+! (B) 2.nNxd3+! (C) nSxd3# (A) → 1...C?, 1...A?, 2.A?  
c) 1.Sd4! nNxd3+! (C) 2.nSxd3+! (A) nROxd3# (B) → 1...A?, 1...B?, 2.B?

#### THEMATIC COMPLEX:

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!**

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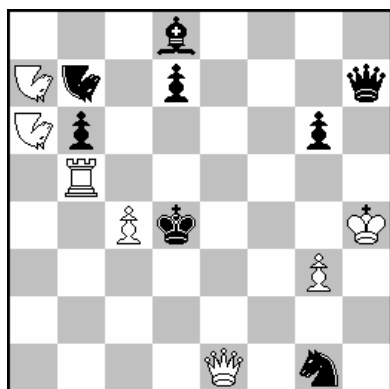
Adresse: Petko Petkov - ppetkov2702@gmail.com

Bulgaria, 1504 Sofia, bul Janko Sakazov 38, vhod W.

## No 4. PETKO A.PETKOV

Strate Gems - 2017

4<sup>th</sup> Prize



HS# 2,5 (7+8)

(C+ WinChloe 3,43)

b) Sg1→h2

c) Sg1→e4

Anti - Circe couscous

♞♞ = Nightrider

### SOLUTIONS:

a) 1...Qf7 2.Rg5! Qf5! 3.Qe4+ Qxe4 (Qd1)#.

b) 1...Na5 2.Rh5! Ne7! 3.Qc3+ Nxc3 (Nd1)#.

c) 1...Bg5 2.Rf5! Bh6! 3.Qe3+ Bxe3 (Bd1)#.

### THEMATIC COMPLEX:

1. Cyclic play and cyclic change of functions of 3 black figures that initially pin the white Qe1! Table:

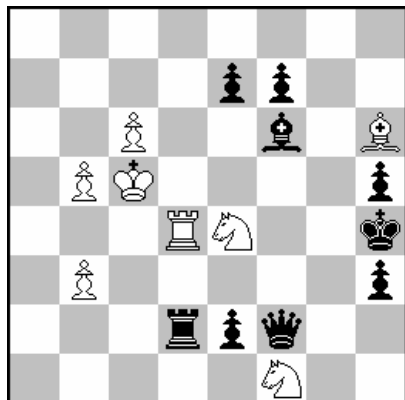
Twin	Figure that play and becomes a front battery - piece	Figure that becomes a rear battery - piece	Figure that pins the white Rook
a)	Q	N	B
b)	N	B	Q
c)	B	Q	N

2. Three - fold removal of control on h4-square (w.King) , unpin of white Q and three sacrifices of w.Q. Three - fold 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!**

Adresse: Petko Petkov - ppetkov2702@gmail.com  
Bulgaria, 1504 Sofia, bul Janko Sakazov 38, vnod W.

## No 5. PETKO A.PETKOV

Tzuica T.T. - 2018 (v)  
(orthodox section)  
Honorable Mention



HS#2,5

(8+9)

(C+ WinChloe 3,43 and Popeye 4,79)

b) Pc6→a5

c) Pb5→f3

### SOLUTIONS:

- a) 1...Ra2! 2.Kb6! Ra7 3.Sxf2+!! Bxd4#. (not 3.Se4~+? Qf4!)  
 b) 1...Qe1! 2.Kb4! Qc1 3.Sxf6+!! Rxd4#. (not 3.Se4~+? Bxd4!)  
 c) 1...e6! 2.Kd6! Bd8 3.Sxd2+!! Qxd4#. (not 3.Se4~+? Rxd4+!)

### THEMATIC COMPLEX:

A). **CYCLIC ZILAHİ.** B) Full cyclic interchange of functions of three thematic pieces. C) **Three-fold play of white battery S/R.** D) Mates on the same square. E) **White S-correction motives in play of Se4.** F) Activity of the white King which plays on 3 different squares! G) **Such a complex is shown for the first time in a HS#!**

### Table of cyclic moves:

Sol.	Protecting piece	Captured piece	Mating piece
a)	R	Q	B
b)	Q	B	R
c)	B	R	Q

**Important note!** This new version of my problem noted here with 2018(v) is published in the TZUICA - award (September, 2018) as well as in the Congress Bulletin (2018). The initial version, which received only Hon.Men. was sent from me with an accidental technical error. When I immediately sent the right position, the judges immediately published it with (v), but kept their assessment of the old version (the only right decision of the judges!).

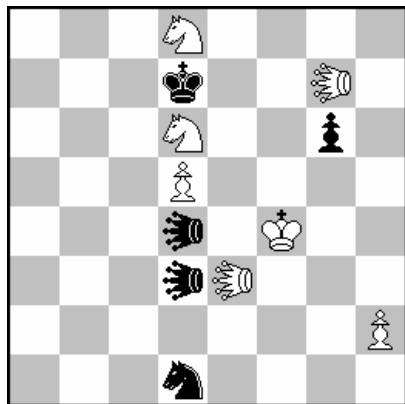
## No 6. PETKO A.PETKOV

Shakhmatnaya Kompozitsiya

2017

1-2 Prize

Dedicated to A. Selivanov to his 50<sup>th</sup> birthday!



HS#4 2 solutions (7+5)

♙♜ = LEO

(C+ WinChloe 3,43 and Popeye 4,79)

### SOLUTIONS:

I.1.LEh7! LEa3!! 2.LEb3! LEd4-c3! 3.Kg3 g5 4.S8f7+ LEg7#.

II.1.S8b7! LEa1!! 2.LEb2! LEd3-c3! 3.Ke5 Sf2 4.LEa7+ LEc7#.

### THEMATIC COMPLEX:

1. **FOUR LEOS IN ACTION: 2 BLACK+2 WHITE** and they show also Cyclical interchange of functions + Diagonal/orthogonal correspondence!
2. FOR THE FIRST TIME IS DEMONSTRATED: **COMBINATION OF BLACK LEO/LEO INDIAN + BICOLORED LEO/LEO BRISTOL ON THE SAME THEMATIC LINE!** This super- paradoxical combination is possible only after two consecutive critical moves: by the black LEO and by the white LEO!
3. **Mates after play of direct black LEO/LEO batteries (not anti - batteries!) through double - checks!**
4. **As a good "motives plus" exist here:** Creation of white anti-batteries on the 7<sup>th</sup> horizontal, active white King.
5. Meredith.

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Adresse: Petko Petkov - ppetkov2702@gmail.com

Bulgaria, 1504 Sofia, bul Janko Sakazov 38, vhod W.