BEST PROBLEMS

Rassegna dei migliori problemi

diretta da **Antonio Garofalo**
Col sostegno dell'API (Associazione Problemistica Italiana)

Anno XXVII - n. 106

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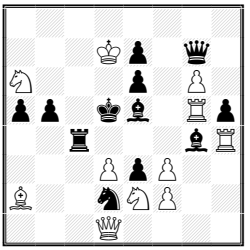
Hanno collaborato a questo numero:
Gunter Jordan, Gérard Doukhan, Awani Kumar.

EDITORIALE

Welcome to Alvaro Pereira & Luis Quaresma for their first publication in this magazine, and welcome back to Torsten Linss.

In prima pagina un'affermazione italiana, vedere il seguito a pagina 612. Fascicolo ricco di verdetti, grazie ai giudici G. Jordan e G. Doukhan. Sono stati segnalati due anticipazioni per il mio giubileo, cose che capitano. Un ennesima doppia pubblicazione, sfortunatamente, mi è stata pure segnalata. Ma almeno posso gioire per due correzioni di miei vecchi problemi demoliti, provenienti dai tempi oscuri quando eravamo senza computer e quindi senza programmi.
Buona lettura a tutti.



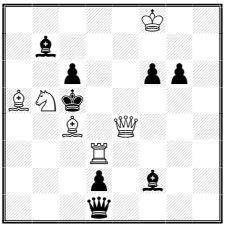
← **Marco Guida,** 2° Premio - 70° Jubilee P. Novitsky-70 2022
8/3Kp1q1/S3p1P1/pp1kb1Rp/2r3bR/3PpP2/B2sSP2/3Q4
≠2 (11+12) C+
1.fxe3? [2.♘f4 (A), ♘c3 (B)≠] but 1...♘b3 (a)! ♗f5(b)≠
1.d4! [2.♘c7≠]
1...♘b3 (a) 2.♘f4 (A)≠ (not 2.♘c3 (B)?)
1...♗f5 (b) 2.♘c3 (B)≠ (not 2.♘f4 (A)?)
1...♘xf3 2.♘c3≠

Thematic Highlights:

- Theme Zuk (2x Dombrovskis obtained with the mechanism of double-threats and double-refutation)
- Ventura theme.
- Dual-avoidance in Solution.
- In the set position the 2 pinned black pieces control each both mating squares c3 and f4; once un-pinned, each will defend against both threats. After the Key, that interferes both black pieces, once un-pinned each will control in turn only one mating square. Thematic defenses defend by un-pin against the threat, and open white lines to square d4: both mates (A) and (B) are in principle possible, but with each un-pin effective now against only one of them..
- Novelty: 1st time realization of 2x Dombrovskis / Zuk theme and Ventura with 2 different pinning lines. (Author)

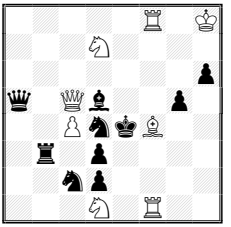
Inediti

4894. A. Pankratiev
Russia



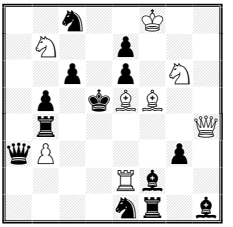
≠2 v (6+8) C+

4895. A. Pereira & L. Quaresma
Portogallo



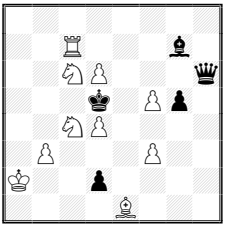
≠2* v (8+10) C+

4896. G. Maleika
Germania



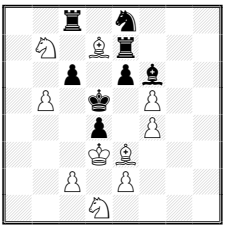
≠2 (8+13) C+

4897. G. Sardella
Italia



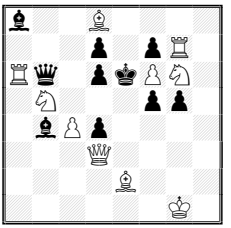
≠2 v (10+5) C+

4898. L. Monti
Italia



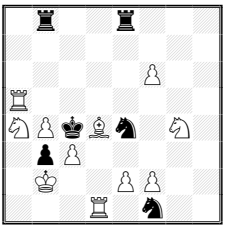
≠2 (10+8) C+

4899. F. Magini
Italia



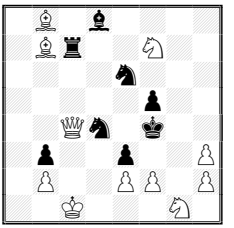
≠2 (10+10) C+

4900. A. Tarnawiecki
Perù



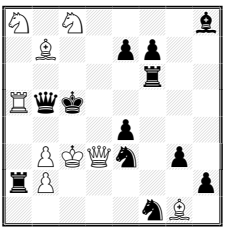
≠2 v… (11+6) C+

4901. G. Sardella
Italia



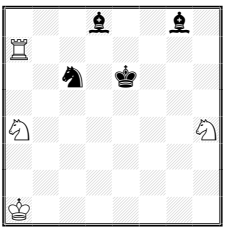
≠2 (11+8) C+

4902. A. Pankratiev & Y. Gorbatenko
Russia



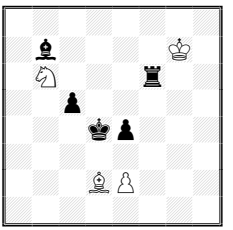
S≠3 (9+12) C+

4903. J. Lozek & M. Svitek
Slovacchia/Rep. Ceca



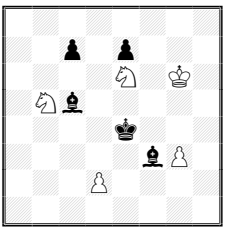
H≠2 (4+4) C+
2 sol.

4904. V. Barsukov
Russia



H≠2 (4+5) C+
3 sol.

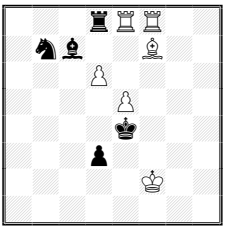
4905. B. Majoros
Ungheria



H≠2 (5+5) C+
2 sol.

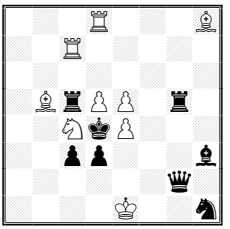
≠2, n. 4894-4901 (Judge 2023: NN
S≠2/3, n. 4902 (Judge 2021-2023: Antonio Garofalo).

4906. F. Magini
Italia



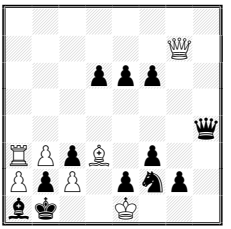
H≠2 (6+5) C+
3 sol.

4907. Y. Bilokin & E. Gavriliv - Ucraina



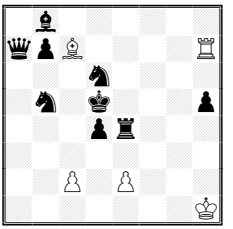
H≠2 (9+8) C+
2 sol.

4908. E. Gavriliv
Ucraina



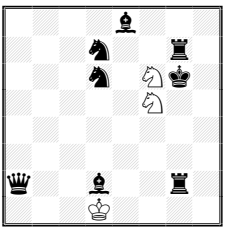
H≠2,5 (7+12) C+
b) ♗a1-c1

4909. J. Csak & B. Majoros - Ungherìa



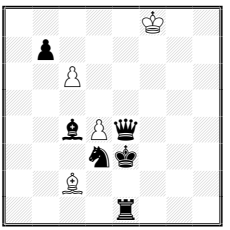
H≠2,5 (5+9) C+
b) ♘b5→c4
c) =b) c4↔♖e4
d) =c) -♘e4

4910. A. Pankratiev & Y. Gorbatenko
Russia



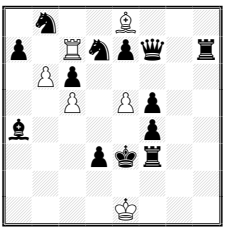
H≠3 (3+8) C+
2 sol.

4911. A. Fica & Z. Labai
Rep. Ceca/Slovacchia



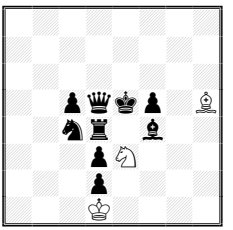
H≠3 (4+6) C+
2 sol.

4912. E. Gavriliv
Ucraina



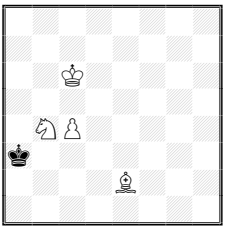
H≠3 (6+13) C+
b) ♗e8-d8

4913. B. Majoros
Ungheria



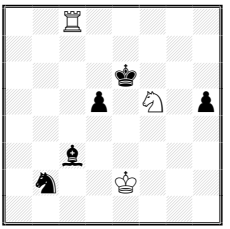
H≠3 (3+9) C+
b) ♖d4-e4

4914. S. Hudak
Slovacchia



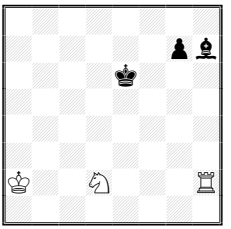
H≠3 (4+1) C+
2 sol.

4915. V. Barsukov
Russia



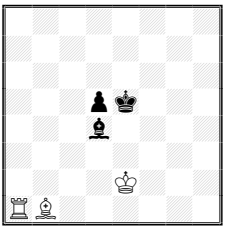
H≠3 (3+5) C+
3 sol.

4916. E. Zimmer
Polonia



H≠3 (3+3) C+
b) H=3

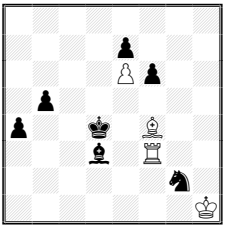
4917. A. Bidlen
Slovacchia



H≠3 (3+3) C+
2 sol.

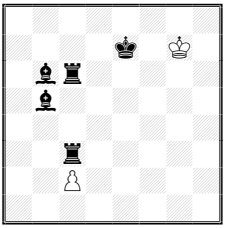
H≠2, H=2, n. 4903-4907 (Judge 2022-2023: NN).
H≠2,5/H≠3, H=2,5/H=3, n. 4908-4917 (Judge 2022-2023: NN).

4918. A.V. Ivunin & A. Pankratiev
Russia



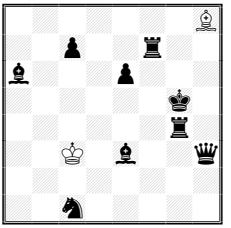
H≠3,5 (4+7) C+
2 sol.

4919. F. Magini
Italia



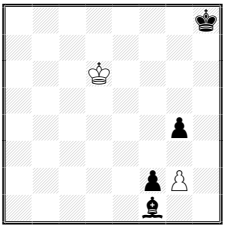
H≠5 (2+5) C+
1 sol.

4920. Z. Mihajloski
Macedonia del Nord



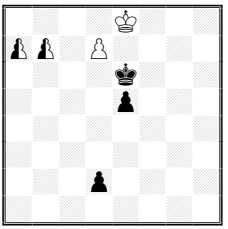
H≠5,5 (2+9) C+
2 sol.

4921.K. Drazkowski
Polonia



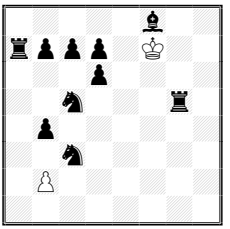
H≠6,5 (2+4) C+
1 sol.

4922. S. Luce
Dedicated to R. Bedoni
Francia



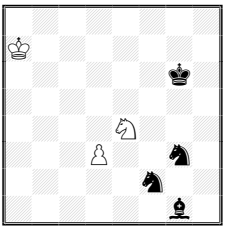
hs≠3 (2+3+2) C+
1 sol.
Circe

4923. L. Kekely
Slovacchia



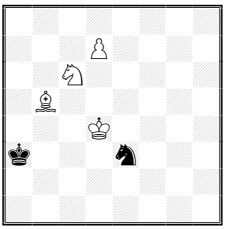
sd-auto=23 (2+10) C+
1 sol.
Volage

4924. D. Gurgui
Romania



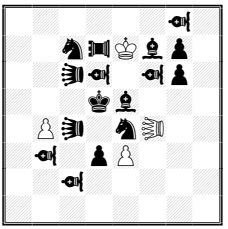
H≠2 (3+4) C+
Duplex
Pepo

4925. T. Linss
Germania



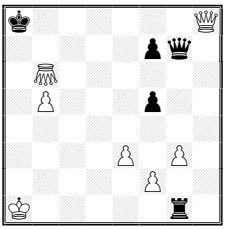
hs≠8,5 (4+2)
C+ from Author
1 sol.

4926. M. Dragoun
Rep. Ceca



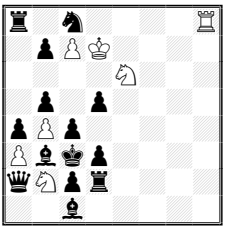
H≠2,5 (4+16) C+
3 sol.
=Vao, =Pao
=Leo

4927. M. Parrinello
Italia



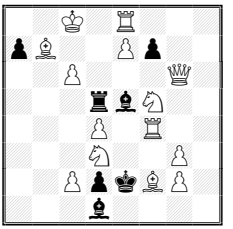
hs≠3 (7+5) C+
b) ♕h8-h1
Anti-Kings
=Contra-Grasshopper

4928. A. Onkoud
Francia



hs≠4 (7+14) C+
2 sol.

4929. A. Onkoud
Francia



hs≠4 (14+7) C+
2 sol.

H≠n, n. 4918-4921 (Judge 2022-2023: Antonio Garofalo).
Fairies n. 4922-4929 (Judge 2023: Hans Gruber).

Note agli inediti (Fairy elements)

sh = aiutomatto a serie (Serie helpmate/helpstalemate).
hs = helpselfmate.
sd = diretti a serie (Serie direct)
ss = serie selfmate

• **Anti-Kings:** A King is in check, if it is not attacked.
• **Circe:** When captured, a piece (other than King) is reborn on its game-array square. Rook, Bishop and Knight are reborn on the square that is the same color as the square of the capture, Pawns on the file of the capture. If the game-array square is occupied, the captured piece disappears, as in a normal capture. Castling is permitted with a rebom Rook. Fairy pieces are regarded as being the result of promotion and so are reborn ori the promotion-square ori the file of the capture.
• **Pepo:** One threatened king has no power. In particular, he can no longer attack the opposite king. A king can only be captured if he is attacked by at least 2 pieces.
[Un Roi menace n'a plus de pouvoir. En particulier, il ne peut plus attaquer le Roi oppose. Un Roi ne peut être capture que s'il est attaque par au moins 2 pièces.]
• **Volage:** Une pièce (Roi exclus) change de couleur la première fois qu'elle change de couleur de case.

• **Contra-Grasshopper:** Moves like a Grasshopper but in reverse: the hurdle must be adjacent to the CG, which may land anywhere on the line beyond.
• **Leo:** The Chinese Queen, which moves like a normal Queen but captures like a **Lion**.
• **Pao:** The Chinese Rook, which moves like a normal Rook but captures like a **Rook-Lion**.
• **Vao:** The Chinese Bishop, which moves like a normal Bishop but captures like a **Bishop-Lion**.

Soluzioni Inediti

Fascicolo n. 106

Commenti degli autori e del redattore.

4894. (≠2, Alexandre Pankratiev)
5K2/1b6/2p2pp1/BSk5/2B1Q3/3R4/3p1b2/3q4
1.♖c3? A [2.♕e7‡ B 2.♗f1‡ 2.♗e2‡ 2.♗d3‡] ma 1…cxb5!
1.♘d4! [2.♘e6‡]
1…♔xc4 2.♖c3‡ A 1…♔d6 2.♕e7‡ B
1…♗xd4 2.♕xd4‡ 1…♗c8 2.♕xc6‡ 1…♕g4 2.♘b3‡
4895. (≠2, Alvaro Pereira & Luis Quaresma)
5R1K/3S4/7p/q1Qb2p1/2PskB2/1r1p4/2sp4/3S1R2
1…gxf4 2.♖1xf4‡ ♖8xf4‡ 1…♕xc5 2.♘xc5‡ 1…♘f5 2.♘f6‡
1.♗xd2? [2.♘f2‡] **A** (2.♘f6?) 1…♗f7 **x** 2.♘f6‡ **B** 1…♕xd2 2.♕xd5‡ ma 1…♘f5!
1.♗d6! [2.♘f6‡] **B** (2.♘f2?) 1…♘f3 **y** 2.♘f2‡ **A** 1…♕d8 2.♕xd5‡
[Sushkov, Theme A, Pseudo Le Grand. (Authors)]

4896. (≠2, Gerhard Maleika)
2s2K2/1S2p3/2p1p1S1/1p1kBB2/1r5Q/qP4p1/4Rb2/4sr1b
1.♕xe7! [2.♗xe6‡ 2.♕xe6‡]
1…♘xe7 2.♘xe7‡ 1…♗c5 2.♕xc5‡ 1…♖f4 2.♘xf4‡ 1…exf5 2.♕f7‡
[1. D:e7! (2. D:e6 L:e6)
1.-S:e7 AB/e:f5 BA/Tf4 HI/Lc5 IH/Lg1/Ta4
2. S:e7/Df7/S:f4/D:c5/D:e6/L:e6
Change of effects AB-BA-HI-IH
A: a black piece captures a threat piece
B: a black piece captures a guarding piece
H: a black piece opens a pin line
I: a black piece pins a threat piece (Author)]
4897. (≠2, Giuseppe Sardella)
8/2R3b1/2SP3q/3k1Pp1/2SP4/1P3P2/K2p4/4B3
1.♗g3? [2.♘e3‡ A 2.♘b6‡] B 1…♗xd4 2.♘b4‡ C 2.♘e7‡ D ma 1…♗e5!
1.♗f2! [2.♘b4‡ C 2.♘e7‡] D 1…♕xd6 2.♘e3‡ A 2.♘b6‡ B [Tema Mai 2 (Author)]
4898. (≠2, Luca Monti)
2r1s3/1S1Br3/2p1pb2/1P1k1P2/3p1P2/3KB3/2P1P3/3S4
1.♗xd4! [2.c4, e4, ♘c3, ♘e3‡]
1…♗xd4 2.e4/c4‡ 1…exf5 2.c4/♘c3‡ 1…♘d6 2.♘c3/♘e3‡ 1…cxb5 2.♘e3/e4‡
Minaccia quadrupla, suddivisa a ciclo: due matti per ogni difesa.
4899. (≠2, Fabio Magini)
b2B4/3p1pR1/Rq1pkPS1/1S3pp1/1bPp4/3Q4/4B3/6K1
1.♕xd4! [2.♘f8‡]
1…d5 2.♕e3‡ 1…♕xd4+ 2.♘xd4‡ 1…♕xd8 2.♕e5‡ 1…f4 2.♗g4‡ 1…fxg6 2.♖e7‡
4900. (≠2, Antonio Tarnawiecki)
1r2r3/8/5P2/R7/SPkBs1S1/1pP5/1K2PP2/3R1s2
1.♗e3? [2.♖d4‡] 1…♘ed2 2.♖c5‡ 1…♖bd8 2.♘b6‡ 1…♖ed8 2.♘e5‡ ma 1…♘fd2!
1.♗c5? [2.♖d4‡] 1…♘fd2 2.♘e3‡ 1…♖bd8 2.♘b6‡ 1…♖ed8 2.♘e5‡ ma 1…♘ed2!
1.♗e5? [2.♖d4‡] 1…♘fd2 2.♘e3‡ 1…♘ed2 2.♖c5‡ 1…♖bd8 2.♘b6‡ ma 1…♖ed8!
1.♗b6? [2.♖d4‡] 1…♘fd2 2.♘e3‡ 1…♘ed2 2.♖c5‡ 1…♖ed8 2.♘e5‡ ma 1…♖bd8!
1.♗a7! [2.♖d4‡] 1…♘fd2 2.♘e3‡ 1…♘ed2 2.♖c5‡ 1…♖bd8 2.♘b6‡ 1…♖ed8 2.♘e5‡
1.♔a3? [2.♘b2‡] 1…♘c5 2.♖xc5‡ ma 1…♖b5!
4901. (≠2, Giuseppe Sardella)
1B1b4/1Br2S2/4s3/5p2/2Qs1k2/1p2p2P/1P2PP1P/2K3S1
1.♕c3! [2.fxe3‡] 1…♘c2 2.♕e5‡ 1…♘c6 2.♕xe3‡ 1…♘xe2+ 2.♘xe2‡ 1…exf2 2.e3‡
Tema Howard
4902. (S≠3, Alexandre Pankratiev & Yuri Gorbatenko)
S1S4b/1B2pp2/5r2/Rqk5/4p3/1PKQs1p1/rP5p/5sB1
1.♘c7! [2.♘a6+ ♖xa6+ 3.♕d4+ ♗xd4‡]
1…♘d2 2.♕c4+ ♘dxc4 3.♘a6+ ♖xa6‡
1…♖a4 2.b4+ ♖xb4 3.♕c4+ ♖xc4‡
1…♖d6+ 2.♕d4+ ♖xd4 3.b4+ ♖xb4‡
1…e6 2.♕d5+ exd5 3.♘a6+ ♖xa6‡
Ciclo delle seconde e terze mosse bianche. Keller (paradoxe)

4903. (H≠2, Jozef Lozek & Miroslav Svitek)
3b2b1/R7/2s1k3/8/S6S/8/8/K7
1.♘e5 ♖d7 2.♗f6 ♘c5‡ 1.♔d6 ♖e7 2.♗d5 ♘f5‡
[Check prevention (B-W) Exchange of functions (bBd8/bBg8, Passive / Self-block)
Exchange of functions (wSa4/wSh4, Mate / Passive guard)
Model mates in the aristocratic Meredith. (Authors)]

4904. (H≠2, Valery Barsukov)
8/1b4K1/1S3r2/2p5/3kp3/8/3BP3/8
1.♗a6 ♔xf6 2.♗d3 e3‡ 1.e3 ♗c1 2.♗e4 ♗b2‡ 1.♖f3 ♗g5 2.♖e3 ♗f6‡

4905. (H≠2, Béla Majoros)
8/2p1p3/4S1K1/1Sb5/4k3/5bP1/3P4/8
1.♗e3 ♘f4 2.e5 d3‡ 1.♔e5 ♘xc5 2.♗d5 d4‡

4906. (H≠2, Fabio Magini)
3rRR2/1sb2B2/3P4/4P3/4k3/3p4/5K2/8
1.♘xd6 ♖g8 2.♘f5 ♖g4‡ 1.♖xd6 ♗h5 2.♖d4 ♗f3‡ 1.♗xd6 ♖xd8 2.♗xe5 ♗g6‡

4907. (H≠2, Yuri Bilokin & Evgeny Gavriliv)
3R3B/2R5/8/1BrPP1r1/2SkP3/2pp3b/6q1/4K2s
1.♖xd5 ♗d7 2.♖dxe5 ♗f5‡ 1.♖xe5 ♖g7 2.♖exd5 ♖g4‡

4908. (H≠2.5, Evgeny Gavriliv)
8/6Q1/3ppp2/8/7q/RPpB1p2/PpP1psp1/bk2K3
a) 1…♗h7 2.♕e4 ♕g6 3.♕xc2 ♕xc2‡ b) 1…♖a8 2.♕a4 ♕a7 3.♕xa2 ♕xa2‡
Bristol bicolore, Turton bicolore.

4909. (H≠2.5, János Csak & Béla Majoros)
1b6/qpB4R/3s4/1s1k3p/3pr3/8/2P1P3/7K
a) 1…♗xd6 2.♖f4 ♖xh5+ 3.♔e4 ♖e5‡ b) 1…♗xb8 2.♘b6 c4+ 3.♔c6 ♖c7‡
c) 1…♗d8 2.♘f6 e4+ 3.♔e6 ♖e7‡ d) 1…♗b6 2.♖b4 ♖xh5+ 3.♔c4 ♖c5‡
Stella di Re, stella di Alfiere.

4910. (H≠3, Alexandre Pankratiev & Yuri Gorbatenko)
4b3/3s2r1/3s1Sk1/5S2/8/8/q2b2r1/3K4
1.♗g5 ♘xd6 2.♔h6 ♔e1 3.♖g6 ♘f5‡ 1.♖g5 ♘xd7 2.♔h5 ♔e2 3.♗g6 ♘f6‡

4911. (H≠3, Alexander Fica & Zoltán Labai)
5K2/1p6/2P5/8/2bPq3/3sk3/2B5/4r3
1.♗f7 cxb7 2.♕f3 b8=♕ 3.♔e4 ♕e5‡ 1.♕d5 c7 2.♔e4 c8=♕ 3.♖e3 ♕g4‡
[Check prevention (B-W); Promotion (QQ, 2); Model mate × 2; Pin-mate × 2 (Helpmates Analyzer)]

4912. (H≠3, Evgeny Gavriliv)
1s2B3/p1Rspq1r/1Pp5/2P1Pp2/b4p2/3pkr2/8/4K3
a) 1.♘xe5 ♗xc6 2.♘bxc6 ♖xe7 3.♘d4 ♖xe5‡
b) 1.♘xc5 ♖xc6 2.♗xc6 ♗xe7 3.♗e4 ♗xc5‡
[Active sacrifice (black, delayed) × 2; Active sacrifice (white) × 2; Helledie theme; Exchange of functions (bBa4/bSb8, Passive / Self-block); JT Onkoud 50 theme. (Helpmates Analyzer)]

4913. (H≠3, Béla Majoros)
8/8/8/2pqkp1B/2sr1b2/3pS3/3p4/3K4
a) 1.♔e4 ♘c2 2.dxc2+ ♔e2 3.♕e5 ♗f3‡
b) 1.♔d4 ♗e2 2.dxe2+ ♔c2 3.♗e5 ♘xf5‡
Zilahi, matti modello.

4914. (H≠3, Stanislav Hudak)
8/8/2K5/8/1SP5/k7/4B3/8
1.♔b3 ♔b7 2.♔a4 ♗d1+ 3.♔a5 ♘c6‡
1.♔a4 ♔c7 2.♔a5 ♘c6+ 3.♔a6 c5‡
[Ideal mate x1, battery mate x1, Miniature. (Author)]

4915. (H≠3, Valery Barsukov)
2R5/8/4k3/3p1S1p/8/2b5/1s2K3/8
1.d4 ♖b8 2.♔d5 ♖b5+ 3.♔c4 ♘d6‡
1.♗e5 ♔f3 2.d4 ♖c6+ 3.♔d5 ♘e7‡
1.♔f7 ♖c7+ 2.♔g8 ♖f7 3.♗h8 ♘h6‡

4916. (H≠3, Eligiusz Zimmer)
8/6pb/4k3/8/8/8/K2S3R/8
a) 1.♔f7 ♘e4 2.♔g8 ♘f6+ 3.♔h8 ♖xh7‡
b) 1.♔f5 ♖xh7 2.♔g4 ♖xg7+ 3.♔h3 ♘f3=

4917. (H≠3, Anton Bidlen)
8/8/8/3pk3/3b4/8/4K3/RB6
1.♗c5 ♖a6 2.d4 ♖e6+ 3.♔d5 ♗a2‡
1.♔f4 ♖a2 2.♗e5 ♖c2 3.♔e4 ♖c4‡

4918. (H≠3.5, Alexeï V. Ivunin & Alexandre Pankratiev)
8/4p3/4Pp2/1p6/p2k1B2/3b1R2/6s1/7K
1…♗b8 2.♗e4 ♖d3+ 3.♔c5 ♖d4 4.♗c6 ♗a7‡
1…♖xd3+ 2.♔c5 ♖d7 3.♔b6 ♗e3+ 4.♔a6 ♖a7‡
Scambio di funzioni tra ♖f3/♗f4, Guardia/Matto.

4919. (H≠5, Fabio Magini)
8/4k1K1/1br5/1b6/8/2r5/2P5/8
1.♖d3 c4 2.♖e6 c5 3.♗e8 c6 4.♗d8 c7 5.♖d7 c8=♘‡

4920. (H≠5.5, Zlatko Mihajloski)
7B/2p2r2/b3p3/6k1/6r1/2K1b2q/8/2s5
1…♗d4 2.♗c4 ♔xc4 3.e5 ♔d5 4.♖f3 ♔e6 5.♔f4 ♔f6 6.e4 ♗e5‡
1…♗e5 2.♗f4+ ♔d4 3.♕a3 ♗xc7 4.♔f6 ♔e4 5.♖g6 ♔xf4 6.♕e7 ♗e5‡
[Kozhakin theme, place exchange in the final positions (bicolor, ♔♚)
Active sacrifce (b ♗♗) Model mate × 2 (Author)]

4921. (H≠6.5, Krzysztof Drazkowski)
7k/8/3K4/8/6p1/8/5pP1/5b2
1…♔e7 2.♗e2 ♔f8 3.♗f3 gxf3 4.f1=♗ fxg4 5.♗c4 g5 6.♗g8 g6 7.♗h7 g7‡

4922. (hs≠3, Sébastien Luce)
Dedicated to Roméo Bédoni
1.b8=♗n d1=♖ 2.a8=♕n ♕nf3 3.d8=♘+ ♖xd8(♘g1)‡
[AUW. First promotion to Bishop covers rank eight and controls d6. Second promotion to black Rook is more mysterious. It will be clear only at the end. Then happens a third promotion to Queen which is able to control the f-file after. The last white promotion to Knight forces black to capture with the Rook, which is impossible to capture because of the Circe rebirth in h8. (Author)]

4923. (sd-auto=23, L'ubos Kekely)
5b2/rppp1K2/3p4/2s3r1/1p6/2s5/1P6/8
1.♔e8 2.♔d8 3.♔c8 4.♔b8 5.♔xa7 6.♔b8 7.♔c8 8.♔d8 9.♔e8 10.♔f7 11.♔f6 12.♔xg5 13.♔f4 14.♔e3 15.♔d4 16.♔c4 17.♔xb4 18.♔a5 19.b4 20.bxc5 21.cxd6 22.dxc7 23.c8=♞ (black)-auto=

4924. (H≠2, Dan-Constantin Gurgui)
8/K7/6k1/8/4S3/3P2s1/5s2/6b1
1.♔f5 ♘xg3 2.♘e4 dxe4‡ 1.♔b6 ♘gxe4 2.♔c5 ♘xd3‡
[Zilahi, Echec double, Echec multiple, Anti-batterie, Batterie noire, Sacrifice noir, Captures réciproques, Mats modeles (Winchloe+Author)]

4925. (hs≠8.5, Torsten Linss)
8/3P4/2S5/1B6/3K4/k3s3/8/8
1…♔b2 2.♘b4 ♔c1 3.♔c3 ♔d1 4.♔b2 ♔e1! (tempo) 5.♔a1 ♔d2 6.d8=♖+ ♔c3 7.♖d1 ♔b3 8.♖b1+ ♔a3 9.♘c2+ ♘xc2‡ C+ from Author
[8-move round trip by the black king. (Author)]

4926. (H≠2.5, Michal Dragoun)
1…LExc4 2.♘b5 LEc3 3.Vc4 LEb3‡
1…LExd6 2.♘e6 LEc7 3.PAd6 LEd7‡
1…LExf7 2.♘e8 LEf8 3.Vf7 LEg8‡
[Three times replacement of black hurdle by more suitable one, with exchange of places between white leo and black pieces in the course of the solution. Three times anticipatory incarceration of black Chinese piece by the same black knight. (Author)]

4927. (hs≠3, Mario Parrinello)
a) 1.**CG**b1 ♖c1 2.**CG**h1 ♖g1 3.♕xg7+ ♖g2‡
b) 1.**CG**b2 ♕c3 2.**CG**h8 ♕g7 3.♕xg1+ ♕g8‡

4928. (hs≠4, Abdelaziz Onkoud)
r1s4R/1pPK4/4S3/1p1p4/pPp5/Pbkp4/qSpr4/2b5
1.♘xd3 ♕b2 2.♘df4 ♖d3 3.♖e8 ♗d2 4.♘xd5+ ♖xd5‡
1.♘xc4 ♗b2 2.♘d6 ♗c4 3.♖d8 ♕b3 4.♘xb5+ ♗xb5‡
[Echange de fonction des couples ♛a2/♗c1 (blocage actif sur la case évacuée par le ♘b2/ blocage actif sur la case évacuée par la pièce matante); ♜d2/♗b3 (blocage passif/blocage actif sur la case évacuée par le ♞b2 + capture du ♞b2 + mat); ♟c4/♟d3 (blocage passif/capture par le ♞b2). Auto-blocages de la ♖h8; Sacrifices du ♘b2; Annihilations du couple ♟c4/♟d3. (Author)]

4929. (hs≠4, Abdelaziz Onkoud)
2K1R3/pB2Pp2/2P3Q1/3rbS2/3P1R2/3S2P1/2PpkBP1/3b4
1.♘d6 ♖xd4 2.♔c7 ♖xd3 3.♖c8 ♖xd6 4.♕d3+ ♖xd3‡
1.♕d6 ♗xf4 2.♔d7 ♗xg3 3.♗c8 ♗xd6 4.♘g3+ ♗xg3‡
[Switchback noir (♜ & ♝); Annihilations; Echecs croisés; Echo diagonal-orthogonal;
Auto-blocage sur la case évacuée par le Roi Blanc (c8); Batteries réciproques;
Echange de fonction des couples: ♕g6/♘f5, ♖e8/♗b7, ♖f4/♘d3 et ♜d5/♝e5. (Author)]

I concorsi su *Best Problems*:
≠2/=2, (2023): NN
≠3/=3, (2022-2023): Antonio Garofalo
S≠2/3-S=2/3 (2021-2023: Antonio Garofalo
H≠2/H=2, (2022-2023): NN
H≠2,5/3-H=2,5/3, (2022-2023): NN
H≠n/H=n, (2022-2023): Antonio Garofalo
Fairies (2023): Hans Gruber

E-mail & web site: perseus@bestproblems.it http://www.bestproblems.it

Award Best Problems Informal Tournament Fairies 2022

by Gunter Jordan, Jena, Germany

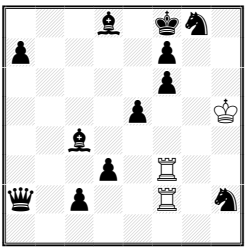
Many thanks to Antonio Garofalo for entrusting me with the judging of fairies 2022. I had great pleasure in studying the problems, especially because there were some good, innovative ones among the 44 competing entries from 25 authors (with S. Luce being the most diligent) from 15 countries.

List of participating problems: issue 101 (01/2022) 4720-4731 [12], issue 102 (04/2022) 4760-4771 [12], issue 103 (07/2022) 4801-4812 [12], issue 104 (10/2022) 4849-4856 [8].

Some remarks concerning problems I could not include: **4720:** I do not want to call this Zilahi or Chumakov (as mentioned). The paradox of the Zilahi or the Chumakov is precisely that the indispensable mating or blocking unit disappears from the board in the other phase, but with PWC pieces do not disappear at all. **4721:** The 90° echo with ideal mates looks pretty, but too simple in the end. **4766:** This was intended for an award, but Michel Caillaud discovered a dual: 15.fxg8=S(+sSf7) Ra7 16.Sxe7(+sPg8) Qbxb2(+wPb6). So two black moves can be interchanged, unfortunately. **4768:** Original, but who should enjoy it? It is too machine-heavy for me. **4770:** In my opinion, the degree of novelty is not sufficient for a commendation. In addition, I would have liked to see a model stalemate. **4811:** The incarcerations of the two underpromoted pieces are funny, but still too little for a praise, especially since the beginning is well-known (excelsior, unblocking, check protection).

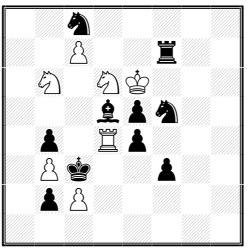
Here is my ranking:

1st Prize
Christopher J. A. Jones
4806, BP 103, 07/22



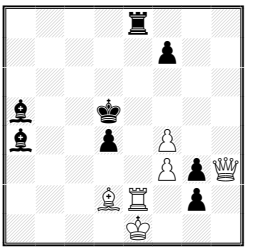
hs≠4 2.1… (3+12)

2nd Prize
Armin Geister, Daniel Papack
4730, BP 101, 01/22



hs≠4 2.1… (7+10)
Mars Circe

3rd Prize
Anatoly V. Styopochkin
4763, BP 102, 04/22



hs≠3 2.1… (6+8)

1st Prize: Christopher J. A. Jones

1) 1.Rxd3 Qa4 2.Rxf6 Qe8 3.Rdf3 Be2 4.Rxf7+ Qxf7≠

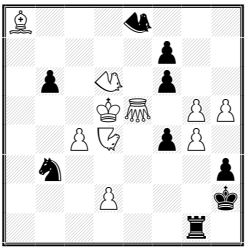
2) 1.Rxc2 Bb5 2.Rc6 Qe2 3.Rcxf6 Be8 4.Rxf7+ Bxf7≠

A paradox! The two wRR are already on the thematic line. Because the Rf3 has to be pinned, line clearances (c4-e2 and a2-e2, respectively) are necessary and - grotesquely - the rooks exchange their order by means of Zepler-Brunner- and Peri-Brunner-Turtons. Other similarities are change of functions R-R, q-b (with change of blocking and pinning), line openings and model mates. In the second solution we see a R-R Klasinc as an encore. By the way, the Pa7 only prevents the cook 1.Rxf6 Kg7 2.Rxf7+ Kh8 3.Kg6 Qa7 4.Rh7+ Qxh7#, which, however, does not fit the two Turtons.

2nd Prize: Armin Geister + Daniel Papack
1) 1.Rc4 Sa7+ 2.c8Q Rd7+ 3.Qxf3 e4xd6 4.Sc8+ Rxc8≠
2) 1.Se8+ Kc4 2.Sf6 Scxf6+ 3.c8B+ Kc3 4.Sa4+ Rxa4≠
An extremely complicated construct, which at first sight seems uncoordinated and disharmonious due to the abundance of strategic marscirce-specific elements. Only in the n-th attempt one realizes that there are enough similarities in both solutions, which - I find good here - do not necessarily appear at the same move numbers, e.g.: square vacation c8 by discovered check (B1,b2), change of promotion on c8 (W2,w3), check by the white knight - whereas the black defense 4. .. b1~ does not work because of self-check (W4,w4), capture of the wS by the bR and discovered checkmate by clearing the different (!) R-squares (B4,b4). And finally - as seemingly insignificant as the bPf3 is - a Zilahi results. The i-dot would certainly have been a reciprocal Zilahi, but that seems to be too pious a wish in this matrix.

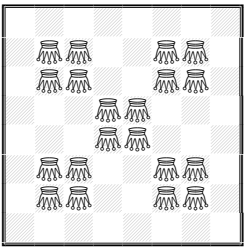
3rd Prize: Anatoly V. Styopochkin
1) 1.Re7 Kd6 2.Qh6+ Kxe7 3.Qd6+ Kxd6≠ 2) 1.Bc3 Kc4 2.Qe6+ Kxc3 3.Qc4+ Kxc4≠
The Pelle moves at the beginning start up two perfectly harmonious lines. Besides white change of function (sacrifice + pinned passive block), black change of function (mating + pinning), battery creation, switchback (k), black only makes king moves, umnow-like Q-sacrifice, king's battery mate, model mate with pinning.

Special Prize
Michal Dragoun
4812, BP 103, 07/22



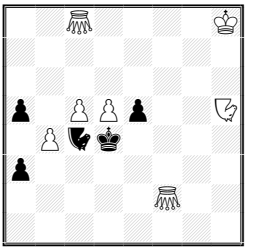
h≠2 3.1… (10+9)
d4=Camel, e5=Grasshopper
d6,e8=Rose

1st Honourable Mention
Sebastien Luce
4771, BP 102, 04/22



ser-!=29 (20+0)
Alphabetic chess, Growing men, 20x Grasshopper

2nd Honourable Mention
Michal Dragoun
4728, BP 101, 01/22



h≠2,5 3.1… (7+5)
c8,f2=Lion, h5,c4=Nightrider

Special Prize: Michal Dragoun
1) 1.Sxd4 Kxd4 2.ROxh5 Gxh5≠
2) 1.ROxd6 Kxd6 2.fxg5 CAxg5≠
3) 1.fxe5 Kxe5 2.Sxd2 ROxd2≠
Cyclic change of the three white fairy pieces. The cyclic Zilahi arises automatically. In addition, uniform black captures for the purpose of clearing the wK flight squares as well as the mating squares, also cyclically. Model mates. A small flaw in my eyes is that it was not possible to replace the out-of-place black rose with an orthodox piece. In the similar 1st prize in Schachmatnaja Kompositija (P1406293) the author works with black blocks instead of as here (better!) with the clearing of the mate-setting squares.

1st Honourable Mention: Sebastien Luce, *dedicated to Roméo Bédoni*

1.Gd2 2.Gd1 3.Ge3 4.Gd7 5.Ge2 6.Ge1 7.Ge8 8.Gf4 9.Gd6 10.Gg8 11.Gd8 12.Gf8 13.Gd8 14.Gg4 15.Gh3 16.Gh7 17.Ge4 18.Gh4 19.Gh1 20.Gh5 21.Gh6 22.Gh8 23.Gf3 24.Gg5 25.Gg1 26.Gd4 27.Gg1 28.Gd3 29.Gc3!=

It is only a formal aspect, but the position is already fascinating! To immobilize the pieces, the fairy piece's way of moving and the fairy condition Growing men are available. Classical aspects like capturing or pinning are omitted. 19 of the 20 pieces move in the course of the solution, only the Gg2 is on its original square at the end. In the final position, eight grasshoppers cannot move because of their movement constraints and 12 because of the Growing men condition. I had a hard time with the classification: on the one hand the problem is pure creativity and fabulous in the true sense of the word, on the other hand the (somewhat confused) final position arises almost automatically. After each move, the entire position tends to move to the right, until at some point it just doesn't go any further. So I finally decided to give it a good honorable mention.

2nd Honourable Mention: Michal Dragoun

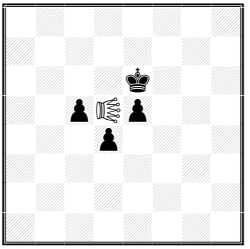
1) 1...Nf4 2.Nd2 LIb2 3.Ne4 LIb6≠

2) 1...Nf6 2.Ng2 LIh2 3.Ne3 LId6≠

3) 1...Nf1 2.Nb2 LIa2 3.Nd3 LIa4≠

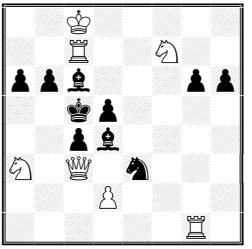
A good threefold triple cycle of covers and blocks of the squares d3, e3, e4 by the fairy pieces wN, wLIf2 and bN. The move order and the motivation of the individual moves are also perfectly consistent. Minor downers are the missing model mate in the third solution and the wLIc8, which does not actively contribute to the cycle. The covering of the squares of the c-line should be better solved orthodoxly for my understanding. Thus it is "only" enough for an honorable mention.

3rd Honourable Mention
Sebastien Luce
4852, BP 104, 10/22



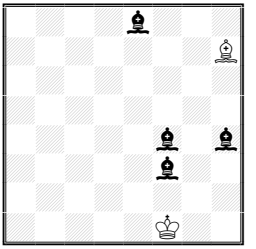
ser-≠15 (1+4)
b) Move all pieces one square right. d5=Grasshopper Bul

4th Honourable Mention
Hubert Gockel
4729, BP 101, 01/22



≠2 vv (7+10)
Breton adverse

1st Commendation
Václav Kotesovec
4854, BP 104, 10/22



ser-=27 2.1… (2+4)
Madrasi, PWC

3rd Honourable Mention: Sebastien Luce

a) 1.GBf5(bPb5) 2.GBd7(sKc8) 3.GBa4(sPd5) 4.GBe4(sPb6) 5.GBc6(sPb7) 6.GBa8 (sPb5) 7.GBd8(sKe8) 8.GBa5(sPb4) 9.GBc3(sPb6) 10.GBc6(sPa5) 11.GBa4(sPb7) 12.GBa6(sPc7) 13.GBc6(sPb8) 14.GBc8(sPa7) 15.GBf8(sKa8)≠

b) 1.GBg5(sPc5) 2.GBe7(sKd8) 3.GBe3(sPc6) 4.GBb6(sPe5) 5.GBd6(sPe4) 6.GBd4 (sPf5) 7.GBf4(sPe6) 8.GBf6(sPd5) 9.GBd4(sPe7) 10.GBd6(sPf7) 11.GBf8(sPg7) 12.GBc8(sKb8) 13.GBf5 (sPg8) 14.GBf8(sPh7) 15.GBa8(sKh8)≠

The two smothered echo mates in the northern corners are attractive and hardly findable by the human mind. That the first two moves are the same in both solutions (except for the shift of one line) is not optimal in my view, but it remains an original overall impression.

4th Honourable Mention: Hubert Gockel

1.Rxg6(-Ph6)? tempo [not 2.Rxc6(-Bd4)+? Kxc6(-R~)!], 1. .. Be5 2.Sxe5(-Bc6)#, 1. .. Bf6 2.Rxf6(-Bc6)#, 1. .. Bg7 2.Rxg7(-Bc6)#, 1. .. Bh8 2.Qxh8(-Bc6)#, 1 .. ~ 2.Qxc4(-Pd5)#, 1. .. Bxc3 2.dxc3(-Bc6)#, 1. .. a5 2.Qxa5(-Pb6)#, but 1. .. b5!; 1.Rxg6(-Pb6)? [2.Qa5#] **A**, 1. .. Be5 2.Sxe5(-Bc6)#, 1. .. Bf6 2.Rxf6(-Bc6)#, 1. .. Bh8 2.Sxh8(-Bc6)#, 1. .. Bxc3 2.dxc3(-Bc6)#, 1. .. Kb6 **a** 2.Qb4# **B**, but 1. .. Bg7! [2.Rxg7(-Bc6)+? Kb6!]; **1.Rb1! [2.Qb4#] B, 1...Be5 2.Qxe5(-Bc6)#, 1...Bf6 2.Qxf6(-Bc6)#, 1...Bg7 2.Qxg7(-Bc6)#, 1...Bh8 2.Qxh8(-Bc6)#, 1...Sc2 2.Qxc4(-Pd5)#, 1...Bxc3 2.dxc3(-Bc6)#, 1...b5 2.Rxb5(-Pc4)#** [not 2.Rxb5(-Pa6)+? Bxb5(-Rc7)!]**, 1...a5 b 2.Qxa5(-Pb6)≠ A**

A problem rich in variations with a 4-fold changed mate concerning the 5-fold black bishop stair. The mechanism to create this is actually simple, but you first have to come up with it: In the tries the wR covers the square d6, so the wSf7 can capture. In the solution, the key piece covers b4 and thus the wQ can now capture the bB (because the wS has to maintain the cover of d6). However, I have my difficulties with the Pseudo-le Grand advised by the author. I feel that 2.Qa5# and 2.Qxa5(-b6)# are not exactly equal moves. But at least you can declare it as a "Pseudo-Pseudo-le Grand".

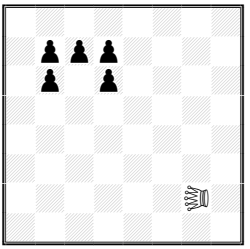
1st Commendation: Václav Kotesovec

1) 1.Be4 2.Kg2 3.Kh3 4.Kg4 5.Kf5 6.Kxf4(Bf5) 7.Ke5 8.Kxf5(Be5) 9.Ke6 10.Kxe5(Be6) 11.Kf4 12.Kxf3(Bf4) 13.Bf5 14.Ke4 15.Kxf4(Be4) 16.Kg4 17.Kxh4(Bg4) 18.Kg5 19.Kf6 20.Ke7 21.Kxe8(Be7) 22.Kf7 23.Kxe7(Bf7) 24.Kf6 25.Kxf7(Bf6) 26.Kg6 27.Kxf6(Bg6)=

2) 1.Bf5 2.Bg4 3.Ke2 4.Kd3 5.Ke4 6.Kf5 7.Kxf4(Bf5) 8.Ke3 9.Ke2 10.Kf1 11.Kg2 12.Kh3 13.Kxh4(Bh3) 14.Kg5 15.Kf6 16.Ke7 17.Kxe8(Be7) 18.Kf7 19.Kxe7(Bf7) 20.Kf6 21.Kxf7 (Bf6) 22.Kg6 23.Kxf6(Bg6) 24.Kg5 25.Kxg6(Bg5) 26.Kh5 27.Kxg5(Bh5)=

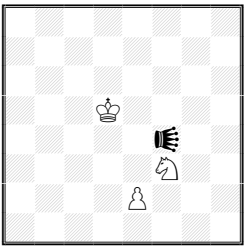
Exact echo stalemate. It would have been optimal if the bBf3 also had to make a change of position in the second solution. But also like that an amazing shunting.

2nd Commendation
Sebastien Luce
4801, BP 103, 07/22



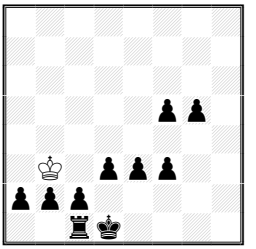
H=6 2.1… (1+5)
PWC, g2=Moose

3rd Commendation
Sebastien Luce
4805, BP 103, 07/22



hs≠7 2.1… (3+1)
PWC, f4=Locust

4th Commendation
Sebastien Luce
4802, BP 103, 07/22



ss≠23 (1+10)
Circe equipollent

2nd Commendation: Sebastien Luce

1) 1.d5 ELd6 2.b5 ELxb7(d6) 3.c5 ELc4 4.bxc4(ELb5) ELd4 5.cxd4(ELc5) ELd3 6.cxd3(ELc4) ELd2=

2) 1.b5 ELb8 2.c6 ELxc6(b8) 3.dxc6(ELd7) ELb6 4.d5 ELxd5(b6) 5.c5 ELb4 6.cxb4 (ELc5) ELb3= "Chess without kings can be fun", the author wrote about his problem. I can fully confirm that, the solutions and stalemates (chameleon echo!) are as funny as they are original. The last 3 half-moves are quasi identical in both phases, but I will gladly honor the pleasure this little thing gave me.

3rd Commendation: Sebastien Luce

1) 1.e3 LOxf3-f2(Sf4) 2.Ke4 LOxe3-d4(Pf2) 3.Ke3 LOxf4-g4(Sd4) 4.Sf3 LOxf3-e2(Sg4)+ 5.Kf3 LOxf2-g2(Pe2)+ 6.Kf2 LOxg4-g5(Sg2) 7.Kf1 LOxg2-g1(Sg5)≠

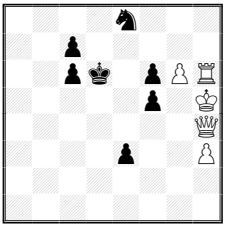
2) 1.Ke6 LOxf3-f2(Sf4) 2.Kf5 LOxe2-d2(Pf2) 3.Kg4 LOxf2-g2(Pd2)+ 4.Kh3 LOxd2-c2(Pg2) 5.Se2 LOxe2-f2(Sc2) 6.Se3 LOxe3-d4(Sf2) 7.Sg4 LOxg4-h4(Sd4)≠

Exact echo with only four men and a hungry locust. Certainly without strategic depth, but even something like that has to be found first.

4th Commendation: Sebastien Luce

1.Kxb2(Bb1) 2.Kc3 3.Kd4 4.Kxe3(Pf2) 5.Kxd3(Pc3) 6.Kd4 7.Kxc3(Pb2) 8.Kxb2(Ra1) 9.Kc3 10.Kd4 11.Ke5 12.Kf6 13.Kxf5(Pf4) 14.Kg6 15.Kxg5(Pg4) 16.Kxg4(Pg3) 17.Kg5 18.Kxf4(Pe3) 19.Kxe3(Pd2) 20.Ke4 21.Kxf3(Pg2) 22.Kxg2(Sh1) 23.Kf1 g2≠

Walling in of the entire force, three underpromotions. Unfortunately, in Circe equipollent a rex solus cannot capture a promoted queen, so that a total (4-fold) promotion is hard to realize.



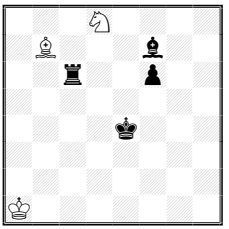
← 5th Commendation, Anatoly V. Styopochkin

4810, BP 103, 07/22

S≠8* (5+7) Maximum

* 1...Sg7#, **1.Qd4+! Ke7 2.h4 Sd6 3.Rh7+Sf7 4.Qc5+ Kd8 5.Qd5+ Sd6 6.Qg8+ Se8 7.Rh6 Ke7 8.Qg7+ Sxg7≠**

Multiple switchbacks, block change on h4 and model mate. The set play block sacrifices itself in the mate move. A sympathetic zugwechsel problem after all.



6th Commendation, Hans Nieuwhart

4760, BP 102, 04/22

H≠3 2.1… (3+4) PWC, Take & Make

1) 1.Kf3 Bxc6(Bc2;Rb7) 2.Rb3 Bxb3(Be3;Rc2) 3.Kxe3(Kc1; Bf3) Sxf7(Sb3;Bd8)≠

2) 1.Kd4 Bxc6(Bc5;Rb7)+ 2.Kxc5(Ka3;Bd4)Sxb7(Sb6;Rd8) 3.Bb3 Bc5≠ Change of function (B-S & r-b), model mates. The harmony is not perfect, but the various usage of both fairy conditions help over it. The bPf6 prevents a cook with 1.Kd5!

I congratulate the authors on their honoured problems and I wish all the others more success in forthcoming tourneys!

Translated from German into English by Raúl Jordan **Judge: Gunter Jordan**

I miei più sinceri ringraziamenti a Gunter Jordan per il suo qualificato verdetto, il quale diverrà definitivo passati 3 mesi dalla pubblicazione. Eventuali reclami vanno inviati al Redattore:
Antonio Garofalo, E-mail: perseus@bestproblems.it

[*My most sincere thanks to Gunter Jordan for his qualified award, which will become definitive 3 months after publication. Possible claims must be sent to the Editor:*
Antonio Garofalo, E-mail: perseus@bestproblems.it.]

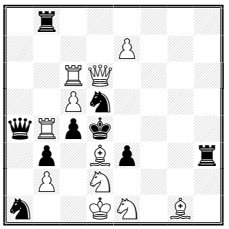
Award #2 Best Problems 2022

by Gérard Doukhan

It was a great honour to judge this tourney and my sincere thanks go to Antonio Garofalo for the invitation and for his help. I would also like to apologize for the poor quality of my English.
There were 27 original twomovers from 15 authors. The quality of the originals is correct.
I saw some nice and interesting problems.
I know some people who don't like to be judge. They say it's a subjective task. I agree but if there was no judge we would all be annoyed. So it's a necessary evil. You will therefore excuse my subjectivity and my personal tastes. As I always say, it is specific to the person who does it.
Then comes the selection.
I did not retain the following problems:
4692 : It is necessary to make the difference between Pseudo-Fleck and Fleck because in Fleck there cannot be dual defences. Here, it's the case ex. : 1…♖h8
4693 : Nice little problem but without complexity
4694 : The author presents a Cycle of effects by which the threats are prevented AB-BC-CA and cycle of effects by which a mating move is made possible DE-EF-FD. If the composition is technically good, the defence 1…♖f8 which leads to one of the 2 threats spoils unfortunately the party.
4695 : 5 defences on the same square. The author of these lines had made 7 defences on the same square almost 50 years ago. The problem https://www.yacpdb.org/#30190
4696 : 3 changed mates and a nice Flight giving key
4697 : Pins and unpins story. We will regret the too obvious key and the ?c2 who has no other use than to mate on d4
4732 : Banny Miniature... but the tries are checks at the Black King
4735 : Flight giving key, 2 changed stalemates. Some elegant stalemates.
4773 : Rose of the Black Knight in 7 pieces. There are many possible combinations even in 6 pieces White: ?g6 ?ç6 & ç2, ?g7 Black: ♚g8 ♞e4
4775 : Rich real game
4776 : Black knight rose and 2 mates changed
4777 : Lots of tries, many of which are unfortunately refuted by the strong move 1…♖xh3! A beautiful bi-flight giving key
4815 : Changed mates on Grimshaw defenses

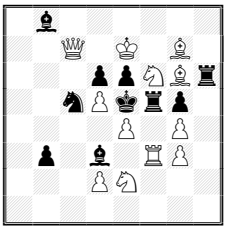
So here is the Award

1st Prize 4813
M. Guida



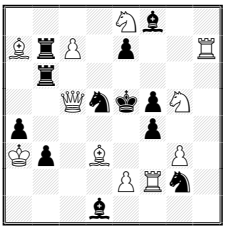
≠2* v (11+9)

2nd Prize 4819
L. Gomez Palazon



≠2 vv (12+10)

3rd Prize 4778
M. Svitek & M. Uris



≠2 v… (11+12) C+

1st Prize 4813. Marco Guida

1...♕xc6 a 2.♖xc4≠ A 1...♖h5 b 2.♘df3≠ B

1.♗xc4? [2.♕xd5≠]

1...♕xc6 a 2.♗b5≠ C 1...♖h5 b 2.♘ef3≠ D but 1...♖d8!

1.♘xc4! [2.♕e5≠]

1...♕xc6 a 2.♘b6≠ E 1...♖h5 b 2.♗xe3≠ F

Very nice Zagorujjko in which the try and the key creates a battery with the ♖b4. This one will be at the origin with these stooges (♗d3 and ♘d2) of the 3 mates given on the capture in c6. The ♜h3 providing, by going to h5, 3 mates by abandoning guard of the line e3-g3.

2nd Prize 4819. Luis Gomez Palazon

1.♕a5? [2.♕c3‡] **C**

1…♘xe4 **a** 2.♘d7‡ **A** 1…exd5 2.♖xf5‡ **B** but 1…♘a4!

1.dxe6? [2.♖xf5‡] **B**

1…♖f4 **b** 2.♘d7‡ **A** 1…♖xf6 2.♗xf6‡ 1…♗xe4 2.d4‡ but 1…♗xe2!

1.♖e3! [2.♘d7‡] **A**

1…♘xe4 **a** 2.♕c3‡ **C** 1…♗xe4 2.d4‡ 1…♖xf6 2.♗xf6‡

Very nice combination of Le Grand and cyclic Pseudo Le Grand. The tries are believable and the key induces nice defences.

3rd Prize 4778. Miroslav Svitek & Miguel Uris

1.e4? [2.♕xd5‡] 1...fxe3 e.p. 2.♖xf5‡ **N** 1...e6 aAB 2.♘f7‡ **Y** but 1...fxe4!

1.c8=♗? [2.♘f3‡ **X** 2.♘f7‡ **Y**]

1…e6 aC 2.♘f3‡ **X** 1…♗xe2 2.♘f7‡ **Y** but 1…♖d7!

1.♗c4? [2.♕xd5‡] ma 1…e6! aAB

1.♖xf4? [2.♕d4‡ **M** 2.♖xf5‡ **N**] 1…e6 aAB 2.♘f3‡ **X** 2.♘f7‡ **Y**

1…♘e3 **b** 2.♕d4‡ **M** 1…♖b4 2.♖xf5‡ **N** but 1…♘xf4!

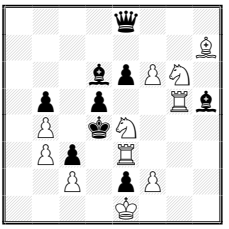
1.e3? [2.♕d4‡ **M**]

1…e6 aB 2.♘f7‡ **Y** 1…fxe3 2.♖xf5‡ **N** 1…♘xe3 bD 2.gxf4‡ **O** but 1…♖b4!

1.♖f7! [2.♖xf5‡ **N**] 1…e6 aA 2.♘f3‡ **X** 1…♖f6 2.♕d4‡ **M** 1…♘e3 bA 2.gxf4‡ **O**

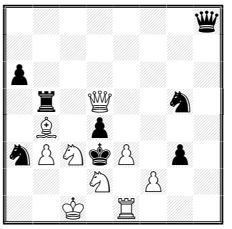
An interesting, rich and complex problem. It presents both classic themes Ellermann-Makihovi, Barnes, Pseudo-Le Grand to patterns of defences. It's rare. In general, this kind of problem is more a technical task but in this one there is a soul. It is important.

4th Prize 4736
F. Simoni & M. Guida



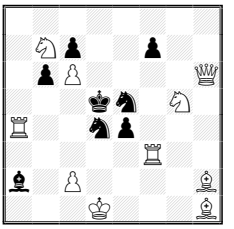
≠2 v… (11+9) C+

1st H.M. 4734
G. Maleika



≠2 vvv (9+8) C+

2nd H.M. 4774
G. Maleika



≠2 vvv (10+8) C+

4th Prize 4736. Francesco Simoni & Marco Guida

1.♘h8? [2.♖d3‡] 1…dxe4 2.♖xe4‡ but 1…♕g6! a, ♗g6! b
1.♘h4? [2.♖d3‡] 1…♗g6 b 2.♘f3‡ B 1…dxe4 2.♖xe4‡? but 1…♕g6! a
1.♘f8? [2.♖d3‡] 1…♕g6 a 2.♘xe6‡ E 1…dxe4 2.♖xe4‡? but 1…♗g6! b
1.♘e7? [2.♖d3‡]? 1…♕g6 a 2.♘c6# A 1…dxe4 2.♖xe4‡? but 1…♗g6! b
1.♘xc3? [2.♖d3‡]? 1…♕xg6 a 2.♘xb5‡ C 1…♗xg6 b 2.♘xe2‡ D but 1…♗xb4!
1.♘e5? [2.♖d3‡] 1…♕g6 a 2.♘c6‡ A 1…♗g6 b 2.♘f3‡ B but 1…dxe4!
1.♘f4! [2.♖d3‡] 1…♕g6 a 2.♘xe6‡ E 1…♗g6 b 2.♘xe2‡ 1…dxe4 2.♖xe4‡

This problem illustrates the theme of the last WCCT in 6 phases if we count the refutations of the tries as it was admitted. The singularity of the composition is due to the fact that the defences are made on a square far from the Black King. With an additional try of the ♘e4, we have a Zagoruijko which is not perfect because of the 2 mates on e2.

1st H.M. 4734. Gerhard Maleika

1.♘db1? [2.♖d1‡] but 1…gxf2!
1.♘f1? [2.♖d1‡] but 1…♖xb4!
1.♘de4? [2.♖d1‡] but 1…♘f3!
1.♖d1! (2.♘d2~‡)
1.♘e4 2.♘dxe4‡ ♕xe4‡ 1.♘f3 2.♕e4‡ ♘xf3‡
1.♕h5 2.♘f3‡ ♕xd4‡ 1.♕h1 2.♕xd4‡ ♘f1‡
1.gxf2 2.♘f1‡ ♘c4‡ 1.♘c4 2.♘xc4‡ ♕xc4‡
1.♘b1 2.♕c4‡ ♘dxb1‡ 1.♖xb4 2.♘db1‡ ♘de4‡

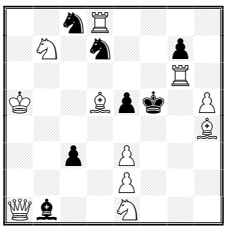
A cycle of 8 dual mates brought by the black defences. It makes my hair stand on end just from the title of the comment. Being from the old generation, a dual was forbidden. Here, it is the central theme of the problem. Let's be modern and admire the technique even if it lacks charm. I would have preferred a smaller cycle and more complex effects.

2nd H.M. 4774. Gerhard Maleika

1.♖d3? [2.♗xe4‡ 2.♖dxd4‡ 2.♖axd4‡] but 1…♘ef3!
1.♖f5? [2.♗xe4‡ 2.♖xe5‡] but 1…♘df3!
1.♖b3? [2.♗xe4‡] 1…♘df3 2.♖b5‡ 1…♘ef3 2.c4‡ but 1…f5!
1.♖xf7! [2.♗xe4‡] 1…♘df3 2.♕e6‡ 1…♘ef3 2.♖d7‡

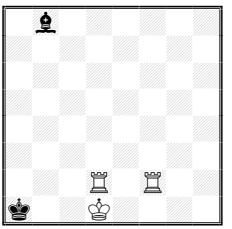
Curious composition. The first two moves of the ♖f3 in d3 and f5 are multi-threats. They are refuted by the game of the Knights in f3. The next two moves of the Rook on b3 and f7 are white corrections bringing changed mates. One will regret the obvious symmetry.

3rd H.M. 4817
M. Uris



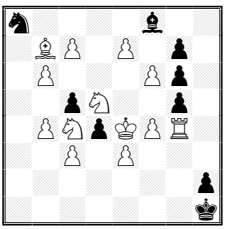
≠2 v... (11+7) C+

Special H.M. 4814
M. Lipton



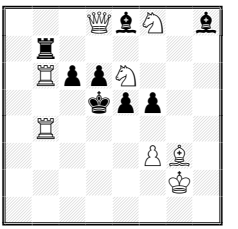
≠2 v… (3+2) C+

Comm. 4737
D. Gatti



≠2 v (13+9) C+

Comm. 4733
B. Majoros



≠2 (8+8) C+
2 sol.

3rd H.M. 4817. Miguel Uris

1.♘c2? Tempo
1…♘c8~ 2.♘(x)d6‡ 1…♘d7~ 2.♖(x)f8‡ 1…♘f6! 2.♖g5‡
1…♗b1~ 2.♕f1‡ but 1…e4! **a**
1.♘g2? zz 1…c2 **c** 2.e4‡ **C** 1…♗e4 **d** 2.♗e6‡ **A** but 1... e4! **a**
1.♕xb1?+ 1…e4 **a** 2.♕xe4‡ **D** but 1…c2! **c**
1.♘c5? [2.♗e6‡ **A**]
1…♘f8/♘xc5 2.♖(x)f8‡ 1…♗a2 2.♗e4‡ but 1…e4! **a**
1.♗e7? [2.♖g5‡ **B**] 1…♘xe7 2.♘d6‡ but 1…♘f6! **b**
1.♘d3! [2.e4‡ **C**]
1…e4 **a** 2.♗e6‡ **A** 1…♘f6 **b** 2.♖g5‡ **B**
1…♘d6 2.♘xd6‡ 1…♘c5 2.♖f8‡ 1…♗xd3 2.♕f1‡

Combination of Dombrowsky and Kharkov themes. If the composition is interesting in particular thanks to the line openings, it lacks homogeneity and especially the strong move 1…e4 prevents a higher ranking.

Special H.M. 4814. Michael Lipton

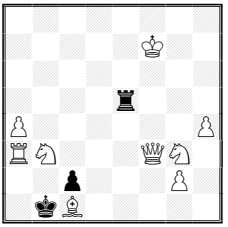
Let the author speak: A 1st move 1.♔e1? (2.♖d1‡) fails because ♗b8 is ambushing behind the white rook d2. The correction 1.♔e2?! (2.♖f1‡ [not 2.♖d1?]) also fails after the same Bishop goes to stand behind ♖f2. 1.♔c1!? (2.♖a2‡ [2.♖d1? 2.♖f1?]) ♗f4! corrects the previous moves but, this time, 1…♗f4! pins the White Tower. Two more tries 1.♖c2? and 1.♖f1? fail on refutations seen before. Finally, the violent key reduces the Black King to capitulation. We will regret the key and the same refutations of the white tries of this interesting Tanagra.

Comm. 4737. Daniele Gatti

1.♔e5? Tempo, but 1…d3!
1.♔d3! Tempo
1…♘xb6 2.♘dxb6‡ 1…♘xc7 2.♘xc7‡ 1…♗xe7 2.♘xe7‡ 1…dxc3 2.♘xc3‡
1…cxb4 2.♘xb4‡ 1…gxf4 2.♘xf4‡ 1…gxf6 2.♘xf6‡ 1…dxe3 2.♘dxe3‡

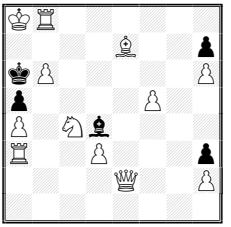
The author mentions in his commentary that he shows a task which seems not having been composed yet: a white Knight's wheel in which every possible square of the wheel is already occupied by a white pawn on the initial position.
I searched in the Winchloe database with the MATRICE function. This seems to be the case. Bravo for the originality.

Comm. 4816
G. Maleika



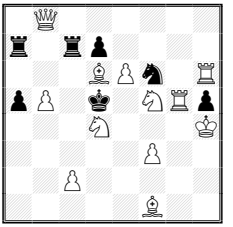
=2* v (9+3) C+

Comm. 4818
G. Maleika



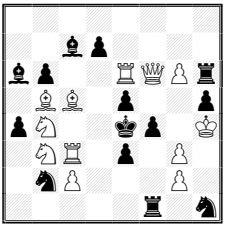
=2* v (12+5) C+

Comm. 4779
A. Pankratiev



≠2* v (12+7) C+

Comm. 4820
M. Svitek



≠2 v (12+14) C+

Comm. 4733. Béla Majoros
1.♕g5! [2.♕d2‡] 1…e4 2.fxe4‡ 1…f4 2.♖d4‡
1.♕a8! [2.♕a2‡] 1…♖a7 2.♖6b5‡ 1…c5 2.♘c7‡
Presentation of Theme Hirlap: "Change of half-pin in two phases of a twomover." The double solution is annoying when it was possible to make a "normal" problem by adding a ♞ on h5 and moving the ♔ to h2.

The next two problems (Maleika) have the same philosophy. In the initial position, Black have only one piece that can move. His capture puts Black in a stalemate situation. In the set play, for 4 moves of the black piece, 2 captures are possible. Between the try and after the key these same moves are differentiated. This is the Ellerman-Makhovi theme. We have two additional changed mates, with 6 changed mates in total.
Comm. 4816. Gerhard Maleika
1…♖e2 2.♘xe2= 2.♕xe2= 1…♖e4 2.♘xe4= 2.♕xe4=
1…♖f5+ 2.♘xf5= 2.♕xf5= 1…♖h5 2.♘xh5= 2.♕xh5=
1.♕c3? [2.♕xe5=]
1…♖e2 2.♘xe2= 1…♖e4 2.♘xe4= 1…♖f5+ 2.♘xf5= 1…♖h5 2.♘xh5=
1…♖a5 2.♕xa5= 1…♖c5 2.♕xc5= but 1…♖d5!
1.♘e2! tempo
1…♖xe2 2.♕xe2= 1…♖e4 2.♕xe4= 1…♖f5+ 2.♕xf5= 1…♖h5 2.♕xh5=
1…♖a5 2.♘xa5= 1…♖c5 2.♘xc5=
1…♖e3/♖e6/♖e7+/♖e8/♖b5/♖g5/♖d5
2.♕xe3/♔xe6/♔xe7/♔xe8/axb5/hxg5/♕xd5
Comm. 4818. Gerhard Maleika
1…♗b2 2.♘xb2= 2.♕xb2= 1…♗xb6 2.♘xb6= 2.♕e6=
1…♗e3 2.♘xe3= 2.♕xe3= 1…♗e5 2.♘xe5= 2.♕xe5=
1.♕g4? [2.♕xd4=]
1…♗b2 2.♘xb2= 1…♗xb6 2.♘xb6=
1…♗e3 2.♘xe3= 1…♗e5 2.♘xe5=
1…♗g1 2.♕xg1= 1…♗g7 2.♕xg7= but 1…♗f2!
1.♖g8! tempo
1…♗b2 2.♕xb2= 1…♗xb6 2.♕e6= 1…♗e3 2.♕xe3=
1…♗e5 2.♕xe5= 1…♗g1 2.♖xg1= 1…♗g7 2.♖xg7=
1…♗a1 2.♖xa1= 1…♗c3 2.♖xc3= 1…♗f6 2.♗xf6=
1…♗h8 2.♖xh8= 1…♗c5 2.♗xc5= 1…♗f2 2.♕xf2=
Comm. 4779. Alexandre Pankratiev
1…♖cb7 2.c4‡ 1.♕b6? [2.♘f~‡] 1…♖c5 2.♕xc5‡ but 1…♖c6!
1.♘e2! [2.♘f4‡] 1…♖c4+ 2.♘fd4‡ 1…♔c4 2.♘e3‡ 1…♔xe6 2.♕g8‡
A bi-flight giving key that allows a check to the white king.
Comm. 4820. Miroslav Svitek
1.♔g5? [2.♕f5‡]
1…fxg3 (a,A) 2.♖xe3‡ 1…♖xg6+ (b,B) 2.♕xg6‡ 1…♗d8 (c,C) 2.♖xe5‡
1…dxe6 (g,?) 2.♗c6‡ but 1…♘xg3! (h,F)
1.♖d3! [2.♖d4‡]
1…♘xd3 (d,D) 2.cxd3‡ 1…e2 (e,E) 2.♘d2‡ 1…♖d1 (f,F) 2.♕xf4‡
1…dxe6 (g,G) 2.♗c6‡ 1…bxc5 (i,F) 2.♘xc5‡

Radical change of defence motivation in three variations abcABC//defDEF and transferred defensive motif gh/fiFF
A - indirect guarding by line-opening
B - checking
C - pinning of the threat unit
D - capturing of the threat unit
E - creating flight by unblocking of the royal square
F - direct guard of the threat square
G - indirect guarding by unpinning

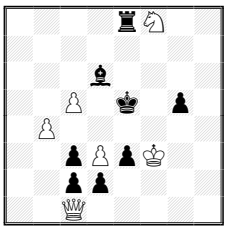
January 2023, **Judge Gérard Doukhan**

I miei più sinceri ringraziamenti a Gérard Doukhan per il suo qualificato verdetto, il quale diverrà definitivo passati 3 mesi dalla pubblicazione. Eventuali reclami vanno inviati al Redattore: Antonio Garofalo, E-mail: perseus@bestproblems.it
[*My most sincere thanks to Gérard Doukhan for his qualified award, which will become definitive 3 months after publication. Possible claims must be sent to the Editor: Antonio Garofalo, E-mail: perseus@bestproblems.it.*]

Anticipations for A. Garofalo-70JT

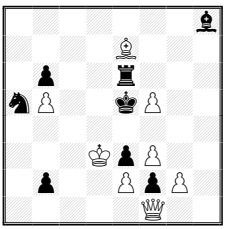
The following anticipations have been reported:

03. M. Uris



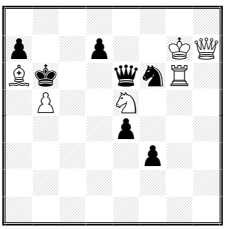
H≠2 (6+8) C+
1.♔d5 ♕h1 2.♗e5 ♔xe3‡
1.♔f5 ♕f1 2.♖e5 ♔g3‡

WID 495659 -
Aharon Hirschenson
A. Garofalo-60JT,
Best Problems 2012-13
3rd Hon. Mention



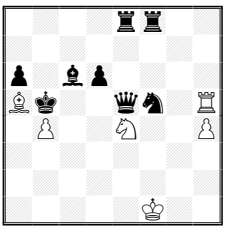
H≠2 (8+8) C+
1.♔d5 ♕d1 2.♖e5 ♔c3‡
1.♔xf5 ♕b1 2.♗e5 ♔xe3‡

14. M. Witztum



H≠2 (6+7) C+
1.♘d5 ♕h5 2.♘c7 ♘c4‡
1.♕a2 ♕h2 2.♕a5 ♘xd7‡

WID 191080
Christer Jonsson
Shakhmatna Misl 2004

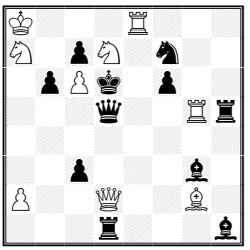


H≠2 (6+8) C+
1.♘e3+ ♔g1 2.♘c4 ♘c3‡
1.♕a1+ ♔f2 2.♕a4 ♘xd6‡

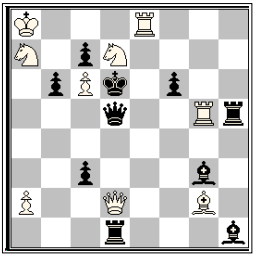
The first problem carries out the same thematic idea+the moves, while the second carries out only the same moves. Therefore the problems indicated with the numbers 03 and 14 are excluded from the Award. The new ranking is as follows: the Prizes and Commendation remain unchanged, while the Honourable Mentions climbing a step or two occupying the places left by the above problems. 1st H.M. Parrinello M. 21; 2nd H.M. Witztum M. & Vieira R. 10; 3rd H.M. Trommler S. 28; 4th H.M. Stolev N. 18; 5th H.M. Parrinello M. 25; 6-8th H.M. Sizonenko V. 15; Pitton P. 37; Caillaud M. 40.

Spigolando - Corrections of old problems

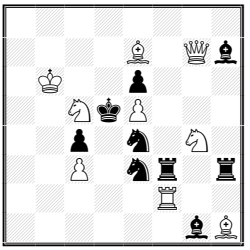
L'amico José Antonio ha voluto prendersi il notevole incarico di cercare nel database Winchloe ≠2 demoliti (cooked) e cercare di aggiustarli. Ha trovato 3 miei lavori. Uno lo avevo già aggiustato, molti anni fa; il secondo (diagramma A) aveva una sciocca demolizione, subito corretta da José con l'aggiunta del ♘f7; il terzo (diagramma B) non aveva alcuna soluzione! Davvero singolare che l'Autore e il Redattore non si siano accorti del difetto. Era l'epoca senza computer… Né José né io siamo riusciti a correggerlo, così José ha chiesto aiuto a Miguel. E finalmente potete vedere il risultato nel diagramma C), abbellito da un tentativo con correzione nera.



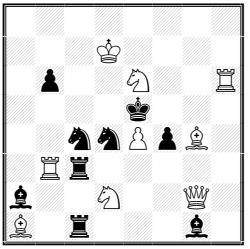
A) ←Antonio Garofalo
Dedicated to José Antonio Coello Alonso
Scacchi e Scienze Applicate 1991 (v)
K3R3/N1pN1n2/1pPk1p2/3q2Rr/8/2p3b1/P2Q2B1/3r3b
≠2 (9+11) C+
1.♔b7? ♘d8+!
1.♕xc3! [2.♘c8‡]
1…♕xa2 2.♕b4‡
1…♕a5 2.♕xf6‡
1…♕xc6+ 2.♕xc6‡



Original version cooked: 1.♔b7! →



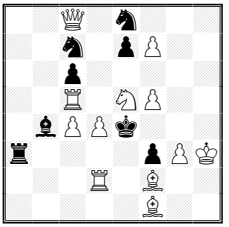
B) ← Antonio Garofalo - *Die Schwalbe* 1979
8/4B1Qb/1K2p3/2NkP3/2p1n1N1/2P1nr1r/5R2/6bB
≠2 (9+9) Insolubile (no solution)
1.♗d6? [2.♕b7‡]
1…♘xc5 2.♘f6‡ 1…♘xd6 2.♘xe3‡
1…♖f7 2.♖d2‡ but 1…♘xc3!
1.♗f6? [2.♕b7‡]
1…♘xc3 2.♕d7‡ 1…♘d6 2.♘xe3‡ but 1…♘xc5!



C) ← Antonio Garofalo, version **Miguel Uris**
Die Schwalbe 1979 (v)
8/3K4/1p2N2R/4k3/2nnPpB1/1Rr5/b2N2Q1/B1r3b1
≠2 (9+9) C+
1.♘d8? [2.♘f7‡] 1…♘d~ 2.♘c6‡ 1…f3 2.♕g3‡ but 1…♘d6!
1.♗f3? [2.♕g7‡] 1…♘f5 2.♘xc4‡ but 1…♘xe6!
1.♗f5! [2.♕g7‡]
1…♘xf5 2.♘xc4‡ 1…♘xe6 2.♘f3‡ 1…♖g3 2.♖b5‡
Muchas gracias Miguel!

A.G.

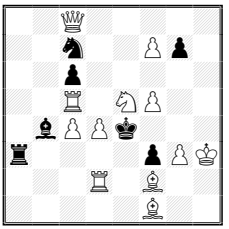
Ricostruzione

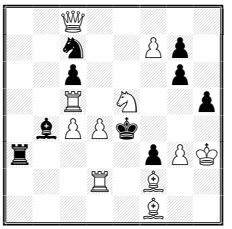


← **Antonio Piatesi -** *L'Italia Scacchistica* 1978, 3° Premio
Ricostruzione 94 - BP105
2Q1s3/2s1pP2/2p5/2R1SP2/1bPPk3/r4pPK/3R1B2/5B2
≠2 (12+8) C+
1.♘~? [2.♖e5‡] ma 1…♗xc5!
1.♘d7? [2.♖e5‡] 1…♗xc5 2.♘xc5‡ ma 1…♘d5!
1.♘d3? [2.♖e5‡]
1…♗xc5 2.♘xc5‡ 1…♘d5 2.♕e6‡ ma 1…♖a5!
1.♘xf3! [2.♘g5‡]
1…♔xf3 2.♗g2‡ 1…♘e6 2.♕xc6‡
1…♖xf3 2.♖e5‡ 1…♗xd2 2.♘xd2‡

Il ♞e8 è inutile! In quegli anni non esistevano ancora i PC, e tutti noi eravamo a rischio di demolizioni (vedere pagina 610...) o pezzi inutili, che possiamo chiamare "residui di lavorazione".

Predrag Zuvic,
Miguel Uris,
José Antonio Coello Alonso **Mihaiu Cioflanca**





Nessuno dei partecipanti ha lasciato un ♞ nero inutile sulla scacchiera. ☺ Vantaggi dei controlli col PC, come dicevo sopra. JACA ha messo il ♟g7→e7 ma ciò è indifferente.
Commento di Uris: White correction; Cycle defenses and refutations; Threat correction; Radical change; Flight giving key.
Per impedire demolizioni, Cioflanca ha usato due ♟g6, ♟h5 invece del ♙f5 bianco.

Per la prossima gara propongo un semplice Zagorujko.

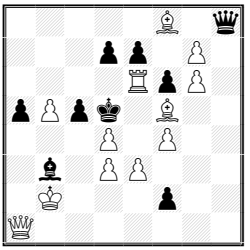
Ricostruzione n. 95 - Ricostruire un problema ≠2 che abbia la seguente soluzione:

1.♕e2? [2.c4‡] 1…c4 2.♘f6‡ 1…cxd5 2.♕h2‡ ma 1…♗c4!
1.♕b5? [2.c4‡] 1…c4 2.♘xc4‡ 1…cxd5 2.♕e8‡ ma 1…gxf5!
1.♕d3! [2.c4‡] 1…c4 2.♕d4‡ 1…cxd5 2.♕g3‡ 1…♗c4 2.♘xc4‡

Inviare (send to): **perseus@bestproblems.it**
(last available day for to send: 1**0/06/2023**)

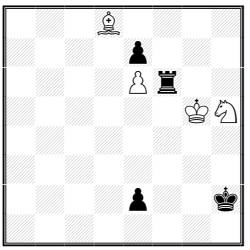
A. Garofalo

Affermazioni italiane (Italian award winners)



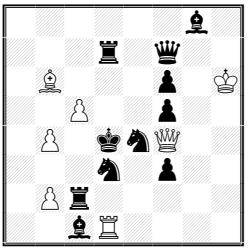
← **Marco Guida,** 5° Premio -70° Jubilee P. Novitsky-70 2022
5B1q/3pp1P1/4RpP1/pPpk1B2/3P1P2/1b1PP3/1K3p2/Q7
≠2 (12+9) C+
1.g8=♕? [2.♗e4≠ (A)]
1...dxe6 (a) 2.♕xe6≠ (C)
1...♕xg8/h1 2.♕(x)h1≠ ma 1...cxd4 (b)!
1.♔a3? [2.e4≠ (B)]
1...cxd4 (b) 2.♕xd4≠ (D)
1...♕h1 2.♕xh1≠ ma 1...dxe6 (a)!

1.♕xa5? [2.♕a8≠] 1...dxe6 (a) 2.♕d8≠ (E) 1...cxd4 (b) 2.b6≠ (F) ma 1...♕xf8!
1.♗xe7! [2.♖d6≠] 1...dxe6 (a) 2.♗e4≠ (A) 1...cxd4 (b) 2.e4≠ (B) 1...♕b8 2.♕h1≠
Thematic Highlights
- Zagoruiko 1122
- 2x Dombrovskis Paradox (versus effective defenses Try1: Aa; Try2: Bb; Solution: a/b-A/B)
- Hannelius (versus refutations - Try1: Ab!; Try2: Ba!; Solution: a/b-A/B)
- Interchange of defences and refutations (Try 1: ab!; Try 2: ba!)



← **Daniele Gatti**, 2nd Hon. Mention - 17th International Tournament UAPA (2022) - 3B4/4p3/4Pr2/6KS/8/8/4p2k/8
= Draw (4+4)

Solution: **1. Bc7+!** *(1. Bxe7? e1=Q! And black Rook can be captured in three different ways but always losing* [-+]*) (1. Ba5? Rxe6! 2. Be1 Rd6 3. Bg3+ Kg2! 4. Bxd6 e1=Q* [-+]*)* **1. ... Kg1** *(1. ... Kg2 2. Ba5 Rxe6 3. Sf4+ Kf1 4. Sxe6 e1=Q 5. Bxe1* (= draw)*)* **2. Bb6+ Kf1 3. Sg3+ Ke1 4. Ba5+! [**Logical Try**]** *4. Sxe2? Rxe6! 5. Sf4 Rxb6 6. Sg6 Re6! Switchback and Black wins* [-+]. *Black defense must be precise. 6. ... Rb7? 7. Kf5! Kd2 8. Ke6 Rb6+ 9. Kf7 e6 10. Se5 Ra6 11. Sd7 Ke3 12. Sc5* (= draw)*) To avoid this, white Bishop must be placed in a5. This prevents it to be captured and at the same time prepares the foreplan.* **4. ... Kd1 5. Sxe2 Kxe2** *(5. Se4? Rxe6! 6. Kf5 Ra6! 7. Sc3+ Kd2 8. Sxe2+ Rxa5+ counter-check and Black wins* [-+]*)* **6. Bb4! Rxe6 7. Kf5 Re3 8. Bc5 e6+ 9. Kf6! Re4 10. Bd6 Kd3 11. Be5 Kc4 12. Kxe6** (= theoretical draw)
White Bishop moved 7 times, every time by one single step, to build a fortress taking advantage of the bound enemy Rook.



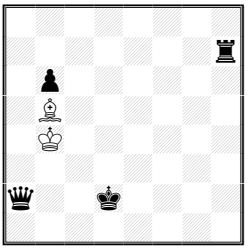
← **Francesco Simoni,** 3rd Hon. Mention - 3° T.T. Fédération Royale Marocaine des Echecs 2021
6b1/3r1q2/1B3p1K/2P2p2/1P1ksQ2/3s1p2/1Pr5/2bR4
H≠2 (7+11) C+

I) 1.♖c4 ♖xc1 2.♘dxc5 ♖d1≠
II) 1.♖d5 ♕xc1 2.♘exc5 ♕f4≠
III) 1.♕c4 ♗d8 2.♗d5 ♗xf6‡

• Richiesti H≠2 con due soluzioni omogenee e una terza che presentasse gli stessi elementi strategici, ma congiunti o combinati in modo differente. Nelle soluzioni I e II: autoblocco su c4 o d5, schiodatura diretta con mossa precisata dalla necessità di catturare il controllore Bc1, autoinchiodatura diretta, matto Switchback per doppia inchiodatura. La terza soluzione ha gli stessi elementi strategici delle prime due. Anche in questo caso, matto per doppia inchiodatura e autoblocchi: i due pezzi neri che prima si alternavano nelle auto-inchiodature ora sono inchiodati staticamente (inchiodature combinate) e i pezzi neri autobloccano entrambe le caselle c4 e d5 (autoblocchi congiunti).

• A 2+1 complex with complete cycle of functions for ♖d1/♕f4/♗b6: mate/pin/pin. There is perfect harmony between solutions I and II: self-block on c4 or d5, direct unpin specified by the need to capture the guardian ♗c1, direct self-pin, Switchback, double pin mate. Role reversal for couples ♘d3/♘e4 (self-pin/static pin) and ♖d1/♕f4 (mate/pin), W1 and B2 on the same squares. The third solution has the same strategic elements as the first two. Again, double pin mate and self-blocks: the two black pieces which before alternate in self-pin are now statically pinned (combined pins) and black self-blocks both the squares c4 and d5 (joint self-blocks). I and III have B1 moves on the same square. (Author)

Segnalazioni (Reports)



BP105 - 4885. Zlatko Mihajloski
h‡6,5 (2+4) C+

1…♗e8 2.♕a7 ♔b5 3.♔c3 ♔c6 4.♔b4 ♔d5 5.♔a5 ♔c4 6.♔a6 ♔b4 7.♖b7 ♗b5‡

Already published on *Gaudium* 265, diagram 2390

Contents

Figured tours of knight on 12x12 Board (Part 1)

by Awani Kumar, Lucknow, India

Figured tour of knight is a mathematical art on chess board and the esteemed readers of *Best Problems* are well aware of it by now. Such tour on 12x12 board has got scanty attention and the author wishes to look into them. Figure 2 to Figure 6 have the square numbers 1^2, 2^2, 3^2 … 12^2, that is, 1, 4, 9 … 144 in increasing order along second to sixth rank respectively. Figure 6 also has the number segments alternately up and down the sixth rank. Figure 1 doesn't have the number 100 on first rank. Even if the 'increasing order' criterion is relaxed, the author couldn't get all the square numbers in the first rank. Readers are urged to look into it.

1	**4**	**9**	**16**	**25**	**36**	**49**	**64**	**81**	124	**121**	**144**
8	15	24	3	48	63	80	37	126	143	82	123
5	2	7	10	17	26	35	50	65	122	125	120
14	11	18	23	62	47	38	79	142	127	140	83
19	6	21	12	27	34	61	46	51	66	119	128
42	13	28	33	22	39	52	67	78	141	84	139
29	20	43	40	53	32	45	60	111	138	129	118
106	41	54	31	44	109	68	77	130	117	112	85
55	30	107	96	69	76	59	110	137	114	131	116
102	105	70	73	108	97	136	89	134	91	86	113
71	56	103	**100**	95	58	75	98	93	88	115	132
104	101	72	57	74	99	94	135	90	133	92	87

1

8	15	24	3	50	33	82	35	122	143	124	99
1	**4**	**9**	**16**	**25**	**36**	**49**	**64**	**81**	**100**	**121**	**144**
14	7	2	23	32	51	34	83	142	123	98	125
5	10	17	26	37	48	63	80	65	120	101	140
18	13	6	31	22	79	52	47	84	141	126	97
11	30	21	38	27	46	89	62	119	66	139	102
40	19	12	29	78	53	118	67	90	85	96	127
113	74	39	20	45	28	91	88	61	138	103	86
56	41	114	75	54	77	60	117	68	87	128	95
73	112	55	44	115	108	69	92	137	130	133	104
42	57	110	71	76	59	116	131	106	135	94	129
111	72	43	58	109	70	107	136	93	132	105	134

2

3	8	17	10	37	48	65	124	39	46	101	122
18	11	2	7	66	125	38	47	102	123	40	45
1	**4**	**9**	**16**	**25**	**36**	**49**	**64**	**81**	**100**	**121**	**144**
12	19	6	35	50	67	126	103	120	143	44	41
5	34	15	24	127	26	63	80	43	82	99	142
20	13	128	27	68	51	130	119	104	117	42	83
33	28	23	14	129	62	79	116	133	138	141	98
54	21	32	69	52	131	134	137	118	105	84	139
29	70	53	22	61	78	115	132	135	140	97	94
58	55	74	31	114	89	136	77	110	95	106	85
71	30	57	60	73	76	91	112	87	108	93	96
56	59	72	75	90	113	88	109	92	111	86	107

3

6	11	14	69	66	73	86	71	88	77	84	79
13	2	5	8	15	70	67	74	85	80	89	76
10	7	12	3	68	65	72	87	90	75	78	83
1	**4**	**9**	**16**	**25**	**36**	**49**	**64**	**81**	**100**	**121**	**144**
40	17	26	35	48	93	102	123	142	91	82	99
27	52	39	24	37	50	63	92	101	122	143	120
18	41	34	51	126	47	94	103	124	141	98	131
53	28	23	38	95	62	125	140	97	130	119	108
42	19	60	33	46	127	96	129	104	109	132	111
29	54	31	22	61	58	137	114	139	112	107	118
20	43	56	59	32	45	128	135	116	105	110	133
55	30	21	44	57	136	115	138	113	134	117	106

4

7	12	21	38	133	46	139	40	137	44	141	42
14	19	6	11	22	39	134	45	140	41	136	129
3	8	13	20	37	132	47	138	135	130	43	142
18	15	2	5	10	23	82	131	48	143	128	99
1	**4**	**9**	**16**	**25**	**36**	**49**	**64**	**81**	**100**	**121**	**144**
52	17	26	35	50	65	24	83	102	125	98	127
27	34	51	66	77	84	63	80	109	120	101	122
68	53	76	85	62	79	108	103	124	97	126	119
33	28	67	78	75	104	61	110	115	94	123	96
54	69	56	31	86	73	88	107	60	111	118	93
29	32	71	74	89	58	105	114	91	116	95	112
70	55	30	57	72	87	90	59	106	113	92	117

5

40	19	22	45	70	43	68	105	78	117	112	103
21	6	39	42	67	46	71	116	111	104	109	118
18	41	20	23	44	69	74	77	106	79	102	113
5	38	7	66	75	72	47	80	115	110	119	108
8	17	24	37	48	65	76	73	120	107	114	101
1	**4**	**9**	**16**	**25**	**36**	**49**	**64**	**81**	**100**	**121**	**144**
10	27	2	35	50	63	82	93	122	129	136	99
3	34	15	26	83	92	123	128	135	138	143	130
28	11	56	51	62	87	94	91	142	131	98	137
33	52	31	14	55	84	59	124	127	134	139	132
12	29	54	57	88	61	86	95	90	141	126	97
53	32	13	30	85	58	89	60	125	96	133	140

6

Figure 7 has the consecutive square numbers in knight path in the shape of rectangle. Figure 8 to Figure 12 have square numbers along diagonal in the shape of parallelogram. Figure 13 has the consecutive square numbers in knight path forming a right-angle triangle. Figure 14 to Figure 16 have the square numbers arranged in a compact formation; Figure 14 in wazir {0,1} path and the other two in knight path. Figure 17 has the square numbers delineating holy Cross.

5	12	127	14	7	18	129	28	45	20	33	30
126	135	6	3	128	27	44	19	32	29	46	21
11	4	13	136	15	8	17	130	43	114	31	34
134	125	2	9	138	131	26	115	56	41	22	47
1	10	137	132	107	16	57	42	113	24	35	40
124	133	144	139	118	99	108	25	116	55	48	23
143	140	97	106	121	58	117	112	71	36	39	54
90	123	142	119	98	105	100	109	38	53	70	49
141	96	91	122	59	120	111	72	81	50	37	52
86	89	94	77	104	79	82	101	110	67	64	69
95	92	87	84	75	60	103	80	73	62	51	66
88	85	76	93	78	83	74	61	102	65	68	63

7

53	42	55	60	117	134	111	114	109	132	77	74
56	59	52	43	112	61	116	133	78	75	108	131
41	54	57	138	135	118	113	110	115	130	73	76
58	137	30	51	44	141	62	79	120	143	98	107
29	40	45	136	139	80	119	142	99	122	129	72
46	31	38	83	50	63	140	121	144	97	106	123
39	28	33	48	37	84	81	100	125	104	71	128
32	47	26	13	82	49	64	103	96	127	124	105
27	12	7	34	25	36	85	126	101	92	87	70
6	3	14	9	16	65	102	95	86	89	20	91
11	8	1	4	35	24	67	18	93	22	69	88
2	5	10	15	66	17	94	23	68	19	90	21

8

55	44	59	84	91	46	123	108	93	112	125	110
58	85	56	45	88	83	92	105	124	109	78	113
43	54	87	60	47	90	107	122	79	94	111	126
86	57	52	89	82	61	104	101	106	77	114	95
53	42	23	48	103	50	121	80	97	144	127	76
22	39	26	51	62	81	102	119	100	117	96	115
27	24	41	38	49	120	67	64	143	98	75	128
40	21	28	25	66	63	36	99	118	129	116	141
29	12	9	20	37	16	65	68	35	142	131	74
8	1	30	11	4	19	34	71	130	135	140	137
13	10	3	6	15	32	17	134	69	138	73	132
2	7	14	31	18	5	70	33	72	133	136	139

9

53	78	75	128	55	126	87	142	57	138	89	140
76	73	54	79	86	129	56	125	88	141	58	137
47	52	77	74	127	80	119	122	143	136	139	90
72	69	48	85	130	121	124	101	132	91	144	59
51	46	71	68	81	118	131	120	123	100	135	92
70	27	44	49	84	67	102	117	64	133	60	99
45	50	25	8	43	82	65	36	103	62	93	134
26	9	28	83	66	41	16	63	116	35	98	61
1	24	7	42	29	4	37	34	15	104	115	94
10	21	2	5	32	17	40	109	38	97	112	105
23	6	19	12	3	30	33	14	107	110	95	114
20	11	22	31	18	13	108	39	96	113	106	111

10

53	86	135	78	55	88	125	76	57	92	45	74
136	79	54	87	134	77	56	89	46	75	58	91
85	52	137	80	141	126	133	124	93	90	73	44
138	105	140	127	102	121	142	47	132	123	94	59
51	84	107	104	81	48	101	122	63	144	43	72
106	139	82	49	128	103	120	143	100	131	60	95
83	50	25	108	119	116	129	64	97	62	71	42
26	9	118	23	28	109	36	115	130	99	96	61
1	24	27	10	117	16	65	98	35	114	41	70
8	11	22	29	4	37	110	17	66	69	34	113
21	2	13	6	19	30	15	38	111	32	67	40
12	7	20	3	14	5	18	31	68	39	112	33

11

43	46	111	86	109	104	113	126	115	78	131	128
88	85	44	47	112	125	108	79	130	127	116	77
45	42	87	110	103	80	105	114	107	118	129	132
84	89	48	93	124	121	102	119	138	133	76	117
41	50	91	122	81	96	137	106	101	98	139	144
90	83	94	49	92	123	120	97	134	35	100	75
51	40	25	82	95	136	37	34	99	64	143	140
24	9	52	39	30	33	54	135	36	141	74	63
1	26	23	10	53	38	31	16	55	62	65	142
8	11	2	29	32	17	4	19	66	59	70	73
27	22	13	6	3	20	15	56	71	68	61	58
12	7	28	21	14	5	18	67	60	57	72	69

12

23	20	13	26	33	40	55	38	57	42	53	44
12	27	24	21	30	37	34	41	54	45	58	47
19	22	29	14	25	32	39	56	35	48	43	52
28	11	18	31	126	15	36	75	106	59	46	65
117	124	127	16	119	76	105	110	49	66	51	60
10	17	118	125	128	111	78	107	74	61	64	67
123	116	9	120	77	104	109	98	81	50	73	62
8	135	122	129	112	79	100	103	108	63	68	83
115	4	113	136	121	102	97	80	99	82	87	72
134	7	144	3	130	95	140	101	90	71	84	69
1	114	5	132	137	142	93	96	139	86	91	88
6	133	2	143	94	131	138	141	92	89	70	85

13

53	60	7	42	51	58	27	40	11	18	29	22
6	43	52	59	2	41	10	17	28	21	12	19
61	54	5	8	57	50	3	26	39	30	23	32
44	65	56	1	4	9	16	37	24	33	20	13
55	62	67	64	49	36	25	34	15	38	31	110
66	45	84	81	100	121	144	79	128	109	14	77
83	68	63	48	125	80	35	122	143	78	111	108
46	85	82	99	120	101	124	127	112	129	76	133
69	98	47	92	89	126	113	142	123	132	107	130
86	95	90	119	116	141	102	73	104	75	134	137
97	70	93	88	91	72	117	114	139	136	131	106
94	87	96	71	118	115	140	103	74	105	138	135

14

Figure 18 to Figure 21 have the consecutive square numbers in zig-zag formation and they are in knight, zebra {2,3}, antelope {3,4} and rector {4,5} path respectively. Figure 22 has the square numbers in non-attacking queen position and no three square numbers are in a line.

45	14	61	6	47	18	27	58	51	20	29	56
62	7	46	17	2	59	48	19	28	57	52	21
13	44	15	60	5	26	3	50	83	142	55	30
66	63	8	1	16	49	100	143	24	53	22	141
43	12	67	64	121	4	25	82	101	84	31	54
68	65	120	9	36	81	144	99	138	23	140	85
11	42	69	122	79	98	35	112	95	102	137	32
70	125	10	119	114	37	80	97	34	139	86	103
41	74	123	78	109	118	113	94	111	96	33	136
124	71	126	117	38	115	110	91	134	131	104	87
75	40	73	128	77	108	93	130	89	106	135	132
72	127	76	39	116	129	90	107	92	133	88	105

15

73	76	131	52	89	108	129	112	91	110	139	126
132	87	74	77	130	113	90	109	138	127	92	95
75	72	53	88	51	136	107	128	111	94	125	140
86	133	78	135	120	3	114	137	106	123	96	93
71	54	119	82	115	50	105	122	5	102	141	124
118	85	134	79	2	121	4	17	104	143	6	97
55	70	83	116	81	16	49	144	101	18	103	142
84	117	80	65	36	1	100	9	26	7	98	19
69	56	35	60	15	64	25	48	99	10	27	46
34	39	58	37	66	61	14	63	8	47	20	11
57	68	41	32	59	24	43	30	13	22	45	28
40	33	38	67	42	31	62	23	44	29	12	21

16

23	6	19	2	11	140	119	126	135	138	117	128
20	13	22	5	18	125	134	139	118	127	114	137
7	24	3	10	1	10	141	120	133	136	129	116
14	21	8	35	4	17	124	109	122	115	132	113
29	34	25	16	9	144	121	142	111	108	89	130
26	15	28	31	36	63	110	123	78	131	112	107
33	30	37	52	49	80	143	62	105	88	77	90
38	27	32	99	64	51	48	79	102	61	106	87
55	66	53	50	81	98	101	104	47	86	91	76
42	39	56	65	100	71	82	97	60	103	94	85
67	54	41	44	69	58	73	46	83	96	75	92
40	43	68	57	72	45	70	59	74	93	84	95

17

77	46	73	30	71	118	83	116	69	112	85	124
28	31	76	45	74	115	70	131	84	123	68	111
47	78	29	72	119	82	117	122	113	132	125	86
32	27	80	75	44	121	114	101	130	67	110	133
79	48	43	120	81	50	65	144	107	102	87	126
26	33	8	49	42	35	100	129	66	127	134	109
7	22	25	34	51	64	143	106	99	108	103	88
24	9	6	21	36	41	98	63	128	105	96	135
1	20	23	16	5	52	61	142	97	136	89	104
10	13	4	37	40	55	58	53	62	139	92	95
19	2	15	12	17	60	39	56	141	94	137	90
14	11	18	3	38	57	54	59	138	91	140	93

18

45	86	43	106	119	88	117	128	123	90	135	130
42	83	46	87	116	107	120	89	136	129	126	91
47	44	85	82	105	118	109	122	127	124	131	134
84	41	48	115	108	121	80	137	140	133	92	125
11	24	39	104	81	114	99	110	79	138	141	132
40	27	10	49	38	103	96	139	144	111	78	93
23	12	25	102	29	98	113	100	95	76	69	142
26	9	28	37	50	101	64	97	112	143	94	77
1	22	13	30	53	36	51	32	63	70	75	68
8	5	2	19	16	31	54	65	58	73	62	71
21	14	7	4	35	52	17	56	33	60	67	74
6	3	20	15	18	55	34	59	66	57	72	61

19

53	56	75	78	83	134	73	138	85	128	117	130
76	79	54	57	74	137	84	133	118	131	86	127
55	52	77	80	59	82	135	72	139	116	129	114
28	31	58	45	136	121	140	119	132	113	126	87
51	46	29	60	81	62	71	122	141	124	115	112
30	27	32	49	44	41	120	69	110	99	88	125
47	50	25	42	61	70	63	142	123	144	111	98
26	9	48	33	40	43	68	35	100	109	102	89
1	24	13	8	17	34	39	64	143	106	97	108
12	7	10	3	14	19	36	67	94	101	90	103
23	2	5	18	21	16	65	38	105	92	107	96
6	11	22	15	4	37	20	93	66	95	104	91

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126	89	92	95	128	131	120	115	106	113	138	135
91	94	127	122	119	96	129	132	139	136	105	112
88	125	90	93	130	121	116	107	114	103	134	137
79	24	123	86	81	118	97	140	133	108	111	104
124	87	80	49	76	47	84	117	102	45	58	109
23	78	25	82	85	98	75	46	141	110	101	44
26	9	50	77	48	83	142	99	74	59	144	57
1	22	27	10	51	72	65	70	143	100	43	60
8	11	2	31	66	17	52	73	64	35	56	39
21	28	19	14	5	32	71	36	69	40	61	42
12	7	30	3	18	67	16	53	34	63	38	55
29	20	13	6	15	4	33	68	37	54	41	62

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1	6	89	12	99	94	117	86	119	96	133	84
90	11	4	7	116	87	98	95	132	85	120	141
5	2	13	88	93	100	115	118	97	140	83	134
10	91	8	3	114	111	104	131	128	135	142	121
69	14	113	92	105	130	101	110	139	144	127	82
18	9	68	15	112	103	138	129	136	61	122	143
27	70	17	106	67	72	63	102	109	124	81	126
44	19	26	71	16	65	108	137	62	79	60	123
23	28	45	66	107	32	73	64	59	52	125	80
20	43	22	25	40	35	48	37	74	55	78	51
29	24	41	46	31	38	33	58	49	76	53	56
42	21	30	39	34	47	36	75	54	57	50	77

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Square numbers are more amenable to figured tours because the successive gap increases progressively as the tour progresses. Figured tours with square numbers in rotary circuits, in various fairy pieces path, with non-square numbers such as those with triangular numbers, in Arithmetic Progression etc. are also crying for attention and the author plans to look at them in subsequent articles.