BEST PROBLEMS

Rassegna dei migliori problemi

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

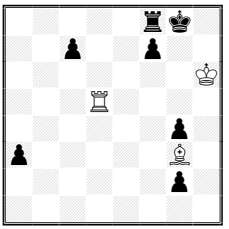
Anno XXVII - n. 107

3°/2023 - July

Hanno collaborato a questo numero:
Petko A. Petkov, Kenneth Solja, Mr. Veneziano, Awani Kumar.

EDITORIALE

Welcome to Igor KOCHULOV, Mikhaïlo T. GALMA, Victor YUZYUK for their first publication on *Best Problems*.
Al diagramma 4963 potete vedere il frutto della collaborazione della "Italian Band". Si tratta di un problema - il primo - creato durante una riunione in video-chat fra alcuni compositori italiani. Noi speriamo che ce ne saranno altri. (Nel frattempo che il sottoscritto lavorava in redazione a questo fascicolo, è nato il secondogenito, spedito all'estero. Firme diverse ma sempre "Italian Band".) Diamo i più sinceri ringraziamenti ai due giudici Petkov e Solja, che per la prima volta appaiono come tali su questa rivista. E naturalmente, infine, un caloroso bentornato a Mr. Veneziano con la 47ª Nut. Mancava da 7 anni. E per iniziare, non ci facciamo mancare uno splendido primo premio nel campo studistico:



← **Mario Micaloni, Daniele Gatti**
1° Premio - 19th International Tournament UAPA (2022)
5rk1/2p2p2/7K/3R4/6p1/p5B1/6p1/8

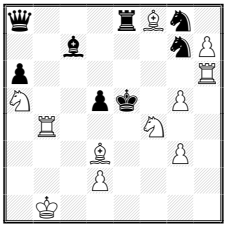
Studio di patta (Draw =) (3+7)
Solution: **1. ♖g5+! ♔h8 2. ♗h2 g3!** [not 2. ... ♖g8? 3. ♗e5+ and mate in 4] (2. ♗f2? ♖d8! 2. ♖a5 ♖d6+! Pushes away white ♔ing - no mate in 8th [-+]) **3. ♖xg3 ♖g8** (3. ♗xg3? g1=♕ 4. ♗e5+ f6 5. ♖xg1 fxe5 [-+]) **4. ♖xa3 g1=♕ 5. ♗e5+! ♕g7+** (Logical Try 5. ♗xg1? ♖xg1! 6. ♖a6 ♖g7 7. ♖c6 ♔g8! - not possible mate on 8th rank -8. ♖xc7 ♖h7+ 9. ♔g5 f6+! 10. ♔xf6 ♖xc7 [-+]) **6. ♗xg7+ ♖xg7 7. ♖a6! ♖g1** - with correct tempo: black ♖ook is in g7 - (7. ♖a7? ♖g6+ 8. ♔h5 ♖c6! [-+]; 7. ♖c3? ♖g6+ 8. ♔h5 c6! [-+]) **8. ♖c6! ♖g7** (8. ♖f6? ♔g8! 9. ♖c6 ♖g7! 10. ♖f6 ♔f8 [-+]) **9. ♖a6 ♖g8** (9. ... ♖h7+ 10. ♔g5 ♔g7 11. ♖c6 ♔f8 12. ♔f5 avoids tactics (=)) **10. ♖f6!** (10. ♖c6? ♖c8! 11. ♖f6 ♔g8! ♖c6 ♔f8 [-+]) **11. ... ♖g7** (10 ... ♖f8 11. ♖f1 ♔g8 12. ♖g1+ ♔h8 13. ♖f1 c5 14. ♖c1 ♖c8 15. ♖xc5! ♖xc5 (= stalemate)) **11. ♖a6** (= repetition of position) Commenti dell'Autore.
Era giudice Jaroslav Polasek.

Contents

Inediti (Originals) . . . . . p. 619
Note agli inediti (Fairy elements). . . . . p. 622
Soluzioni BP107 (Solutions BP107) . . . . . p. 623
Award Mario Parrinello-60 JT *by Petko A. Petkov* . . . . . p. 630
Award Best Problems Fairies 2021 *by Kenneth Solja* . . . . . p. 632
NUTS (47) *by Mr. Veneziano* . . . . . p. 637
Affermazioni italiane (Italian award winners) . . . . . p. 639
Award #2 Best Problems 2022 – Correction, *by Gérard Doukhan* . . . p. 640
Ricostruzione n.95/96 *by Antonio Garofalo* . . . . . p. 641
Segnalazioni (Reports). . . . . p. 641
Figured tours of Knight on 12x12 Board__Part 2 *by Awani Kumar* . . p. 642

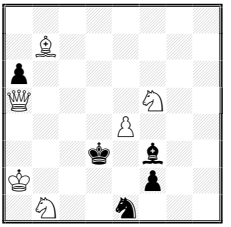
Inediti

4930. A. Tarnawiecki & S. B. Dowd
Perù/USA



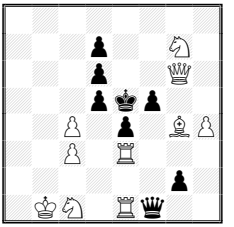
≠2 v (11+8) C+

4931. Z. Labai & M. Svitek
Slovacchia/Rep Ceca



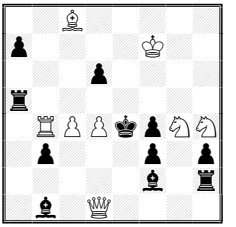
≠2* v… (6+5) C+

4932. L. G. Palazon
Spagna



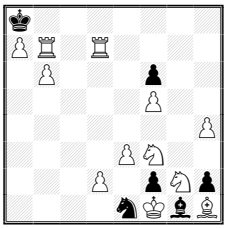
≠2* vv (10+8) C+

4933. I. Kochulov
Russia



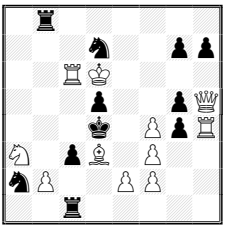
≠2 vv (8+11) C+

4934. G. Maleika
Germania



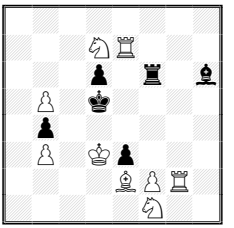
=2 vv (12+6) C+

4935. A. Tarnawiecki & K. Prentos
Perù/USA



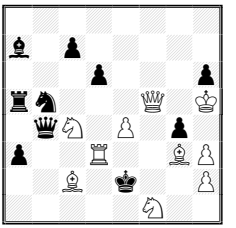
≠2 v… (11+11) C+

4936. L. Monti
Italia



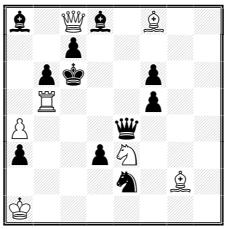
≠2 v (9+6) C+

4937. G. Sardella
Italia



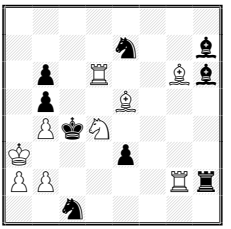
≠2 v… (10+10) C+

4938. A. Pankratiev
Russia



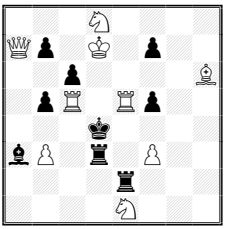
≠2 (7+11) C+

4939. A. Tarnawiecki
version Paz Einat
Perù/Israele



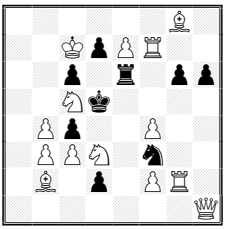
≠2 v… (9+9) C+

4940. G. Maleika
Germania



≠2 (9+9) C+

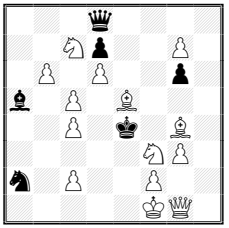
4941. G. Sardella
Italia



≠2 (14+9) C+

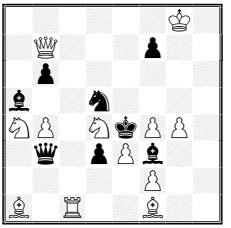
≠2, n. 4930-4941 (Judge 2023: NN

4942. G. Doukhan
Francia



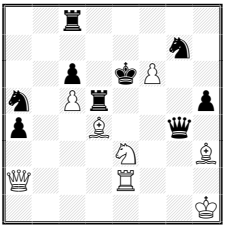
≠3 (14+6) C+

4943. L. Makaronez & V. Volchek
Israele/Bielorussia



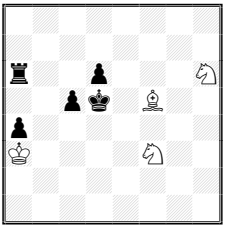
≠3 vv (12+8) C+

4944. E. Gavriliv
Ucraina



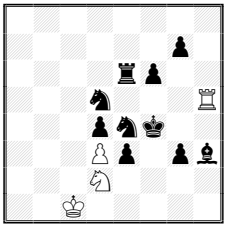
H≠2 (8+9) C+
b) ♕g4–f5

4945. L. Kekely
Slovacchia



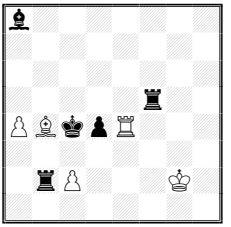
H≠2 (4+5) C+
b) ♖a6-c2

4946. E. Zimmer
Polonia



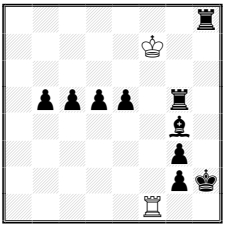
H≠2 (4+10) C+
4 sol.

4947. M. Witztum & R. Vieira
Israele/Brasile



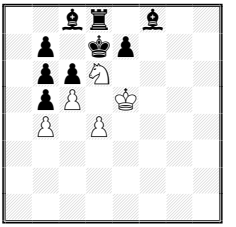
H≠2 (5+5) C+
b) ♗b4-f8 (1+2 sol.)

4948. M.T. Galma & V. Yuzyuk
Ucraina



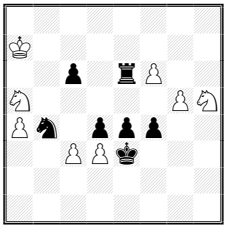
H≠3 (2+10) C+
2 sol.

4949. S. Hudak
Slovacchia



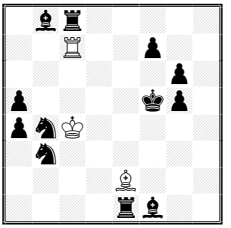
H≠3 (5+9) C+
2 sol.

4950. M. Witztum
Israele



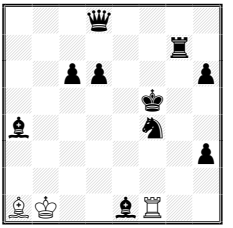
H≠3 (8+7) C+
2 sol.

4951. J.M. Kapros & J.J. Lois
Argentina



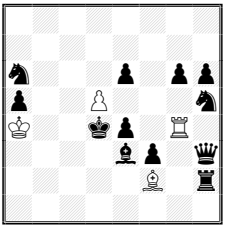
H≠2,5 (3+12) C+
2 sol.

4952. A.V. Ivunin & A. Pankratiev
Russia



H≠3 (3+10) C+
b) ♚f5-b6

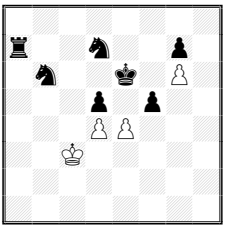
4953. A. Pankratiev & E. Gavriliv
Russia/Ucraina



H≠3 (4+12) C+
b) ♟e4↔♘h5

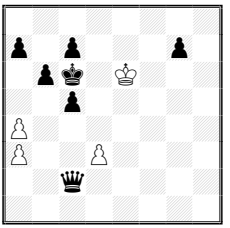
≠3, n. 4942-4943 (Judge 2022-2023: Antonio Garofalo).
H≠2, H=2, n. 4944-4947 (Judge 2022-2023: Harry Fougiaxis)
H≠2.5/**H≠3, H=2.5/H=3, n. 4948-4957** (Judge 2022-2023: NN).

4954. V. Koci
Rep. Ceca



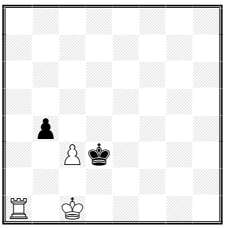
H≠3 (4+7) C+
2 sol.

4955. S. Hudak
Slovacchia



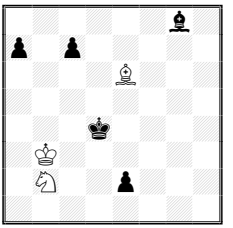
H≠3 (4+7) C+
2 sol.

4956. E. Zimmer
Polonia



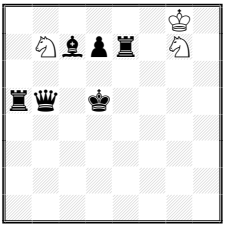
H=3 (3+2) C+
2 sol.

4957. F. Magini
Italia



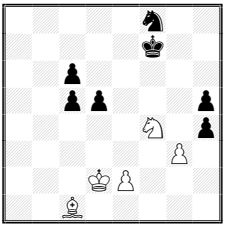
H≠3 (3+5) C+
2 sol.

4958. E. Gavriliv & Y. Bilokin
Ucraina



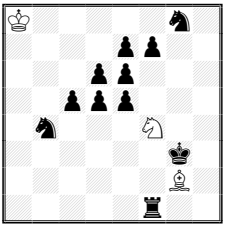
H≠3,5 (3+6) C+
2 sol.

4959. A.V. Ivunin & A. Pankratiev
Russia



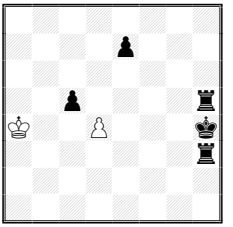
H≠3,5 (5+7) C+
2 sol.

4960. A.V. Ivunin
Russia



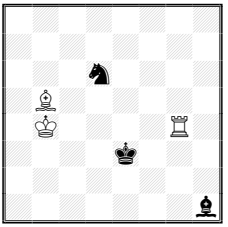
H≠4 (3+11) C+
b) ♘g8-b7

4961. Z. Mihajloski
Macedonia del Nord



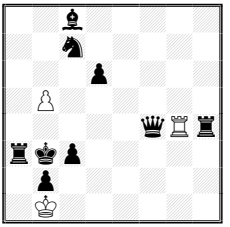
H≠4,5 (2+5) C+
2 sol.

4962. D. Novomesky
Slovacchia



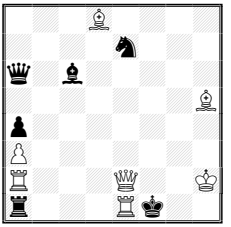
H≠2 (3+3) C+
b) ♚e3-c6, c) ♖g4-f8
Point Reflection
[2 sol. every twin]

4963. M. Parrinello, F. Simoni, M. Guida, A. Garofalo - Italia



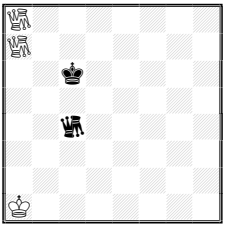
H≠2 (3+9) C+
3 sol.
Francfort
(=Protean Chess)

4964. J. Holubec
Slovacchia



H=2,5 (7+6) C+
2 sol.
Circe, Madrasi

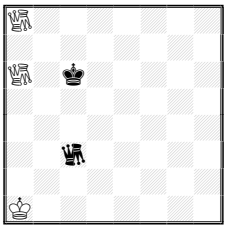
4965. K. Solja
Finlandia



H≠3 (3+2) C+
b) ♘a8-b8
Köko
♘♞=Moineau/Sparrow

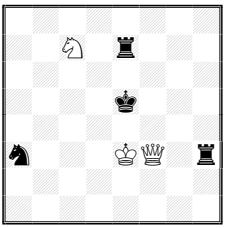
H≠n, n. 4958-4961 (Judge 2022-2023: Antonio Garofalo).
Fairies n. 4962-4973 (Judge 2023: Hans Gruber).

4966. K. Solja
Finlandia



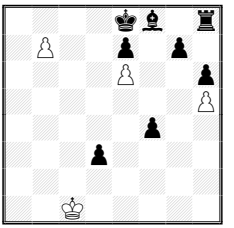
H≠3 (3+2) C+
b) ♘c3–g7
Köko
♘♘=Moineau/Sparrow

4967. J.J. Lois
Argentina



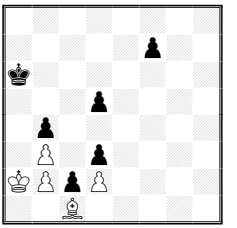
hs≠4 (3+4) C+
b) ♞a3-b2
c) ♞a3–b4

4968. S. Luce
Francia



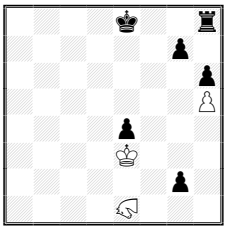
hs≠7 (4+8) C+
Maximum

4969. G. Jordan
Germania



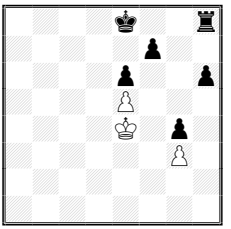
h-auto≠7 (5+6) C+
1 sol.

4970. S. Luce
Francia



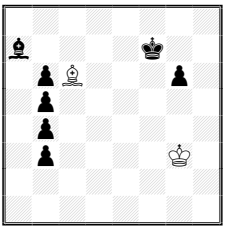
H=7 (3+6) C+
Maximum
=Epieu

4971. S. Luce
Francia



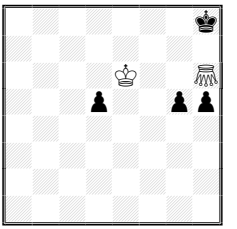
H≠9 (3+6) C+
Maximum

4972. B. Majoros
Ungherìa



sh≠9 (2+7) C+

4973. V. Kotesovec
Rep. Ceca



sd≠13 (2+4) C+
3 sol. PWC
=Grasshopper

Note agli inediti (Fairy elements)

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

• **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.
• **Francfort (=Protean Chess)**: Lorsqu'une pièce capture (Roi inclus), elle prend la nature de la pièce capturée (sans changer de couleur). Un Roi capturant conserve son caractère royal.
[When a capture piece (king included), it takes the nature of the captured piece (without changing color). A capturing king retains his royal character.]

• **Köko:** A move is legal only if at least one of the squares adjacent to the arrival square is occupied (i.e. a unit, having moved, must be in contact with another).
• **Madrasi:** Opposing like units (including fairy pieces) other than Kings are paralyzed when they attack each other. Paralyzed units cannot move, capture or give check. To remove the paralysis the help of a third piece is needed. En passant captures may be made in Madrasi. That is the only way in which one Pawn may capture another. In series movers , a Pawn making a move, which would normally make fit liable to be captured en passant, is paralyzed for a single move only. By Madrasi - Rex Inclusive the paralyze involves to the both Kings too.
• **Maximum:** Black must play his geometrically longest move or may choose from among longest moves of equal length, distances being measured from the centre of each square. (**White Maximum** = Only White must play the longest moves, as says above.)
• **Point Reflection**: Quand deux pièces sont situées sur des cases symétriques par rapport au centre de l'échiquier, elles échangent leur marche. Exception aux règles par défaut : Un Pion est impuissant sur sa 1° rangée.
• **PWC = PlatzWechselCirce:** A captured unit is reborn, according to **Circe** rules, on the departure square of the capturing unit. (Quando viene fatta una cattura, l'unità catturata viene piazzata nella casa del pezzo che l'ha appena catturata, in pratica scambiandosi il posto con il pezzo catturante.)

• **Grasshopper:** Moves along Queen-lines over another unit of either colour to the square immediately beyond that unit. A capture may be made on arrival, but the hurdle is not affected.
• **Moineau/Sparrow:** Muove come un Grasshopper ma devia di 135° in un senso o nell'altro appena dopo l'ostacolo. La casa d'arrivo è contingua all'ostacolo.

Soluzioni Inediti

Fascicolo n. 107

Commenti degli autori e del redattore.

4930. (≠2, Antonio Tarnawiecki & Steven B. Dowd)
q3rBn1/2b3nP/p6R/N2pk1P1/1R3N2/3B2P1/3P4/1K6
1.♖c6? [2.♘g6‡]
1…♘e7 2.♗xg7‡ 1…♗d6 2.♗xd6‡ 1…♕xc6 2.♘xc6‡ 1…d4 2.♘c4‡ ma 1…♖e6!
1.♝c2! [2.d4‡]
1…♘f5 2.♘d3‡ 1…♘e6 2.♘g6‡ 1…♗b6 2.♗d6‡ 1…♕a7 2.♘c6‡ 1…d4 2.♘c4‡
Somov B2, matti trasferiti.
4931. (≠2, Zoltán Labai & Miroslav Svitek)
8/1B6/p7/Q4N2/4P3/3k1b2/K4p2/1N2n3
1…♗e2 2.♕c3‡ **A**
1…♔c2 2.♕d2‡ **B**
1…♘c2 2.♕xa6‡ **C**
1…♔c4 **a** 2.♗xa6‡ **D**
1.♕a3+? 1...♔c2 2.♘e3‡ **E** ma 1…♔e2!
1.♕c3+? **A** ma 1…♔e2! **b**
1.♕d2+? **B** ma 1…♔c4! **a**
1.♕xa6+? **C** ma 1…♔c2!
1.♗xa6+? **D** ma 1…♔xe4!

1.♔b2? [2.♕xa6‡ C] ma 1…♔e2!
1.♕a4? [2.♗xa6‡ D] ma 1…♔e2!
1.♘g3? [2.♕c3‡ A] ma 1…♔c4 ! a
1.♘e3? E [2.♕d2‡B] ma 1…f1=♘!
1...♔d4 2.♕c3‡ A 1...♔e2 b 2.♕d2‡ B
1.♘d4! [2.♕c3‡ A] 1...♔e3 2.♕d2‡ B 1...♔c4 a 2.♕c3‡ A
Pseudo le Grand, Bannij, 4x Urania, 1x Dombrovskis, change mate, free change, 1x Rukhlis, flight giving and taking key, knight sacrifice, defense on the same square, mat on the same square, try on the same square, starfish refutation the try. (Authors)

4932. (≠2, Luis Gomez Palazon)
8/3p2N1/3p2Q1/3pkp2/2P1p1BP/2P1R3/6p1/1KN1Rq2
1…♔f4 2.♕xf5‡ C
1.♘e8? [2.♕xd6‡] A
1…♕d3+ b 2.♘xd3‡ B
1…♔f4 a 2.♕xf5‡ C ma 1…fxg4!
1.♗e2? [2.♘d3‡] B
1…♕xe1 2.♕xf5‡ C [1…♕xe2 2.♕xf5‡]
1…♔f4 a 2.♕g3‡ D ma 1…dxc4!
1.♗f3! [2.♕xf5‡] C
1…♔f4 a 2.♕xd6‡ A 1…♕d3+ 2.♘xd3‡ B [1…♕xf3 2.♘d3‡]
Le Grand AC-CA; Zago-Threat; Pseudo-Le Grand cyclic. (Author)

4933. (≠2, Igor Kochulov)
2B5/p4K2/3p4/r7/1RPPkpNN/1p3p1p/5b1r/1b1Q4
1.♖xb3? [2.♘f6‡]
1…♗d3 2.♕xd3‡ 1…♗xd4 2.♕xf3‡ 1…♖f5+ 2.♗xf5‡ ma 1…♗xh4!
1.d5? [2.♗f5‡]
1…♗xh4 2.c5‡ 1…♖xd5 2.♕xd5‡ ma 1…♗d3!
1.c5! [2.♕xf3‡]
1…♗e3 2.♘f6‡ 1…♗xh4 2.d5‡ 1…♔d5 2.♗b7‡
Correzione della minaccia; Pseudo-Le Grand; Reversal; chiave ampliativa.

4934. (=2, Gerhard Maleika)
k7/PR1R4/1P3p2/5P2/7P/4PN2/3P1pNp/4nKbB
1.♘d4? E blocus
1…♘xg2 a 2.♖bc7= A 1…♘f3 b 2.♘xf3= B 1…♘c2 y 2.♘xc2= C ma 1…♘d3! x
1.♘f4? F blocus
1…♘g2 a 2.♘xg2= C 1…♘xf3 b 2.♖bc7= A 1…♘d3 x 2.♘xd3= D ma 1…♘c2! y
1.♖bc7! A blocus
1…♘xg2 a 2.♘d4= E
1…♘xf3 b 2.♘f4= F
1…♘d3 x 2.♖xd3= G
1…♘c2 y 2.♖xc2= H
Boros, Zagorouïko, Reversal.
(Author): Es gibt einen 3-Phasen-Pattwechsel auf 1.-S:g2/S:f3, einen 2-Phasen-Pattwechsel auf 1.-Sc2 und einen 2-Phasen-Pattwechsel auf 1.-Sd3. Die weißen Züge Sd4, Sf4, Tbc7 erscheinen als Erstzüge und Pattzüge.

4935. (≠2, Antonio Tarnawiecki & Kostas Prentos)
1r6/3n2pp/2RK4/3p2pQ/3k1PpR/N1pB1P2/nP2PP2/2r5
1.♗xh7? [2.e3‡] ma 1…g6! 1.♗g6? [2. e3‡] ma 1…hxg6!
1.♗f5? [2.e3‡] ma 1…gxf4! 1.♗e4? [2.e3‡] ma 1…gxf3!
1.♗c2? [2.e3‡] ma 1…♖e1! 1.♗b1? [2.e3‡] ma 1…c2!
1.♗c4? [2.e3‡] ma 1…cxb2! 1.♗b5? [2.e3‡] ma 1…♖e8!
1.♗a6! [2.e3‡]
1…♖e1 2.♘c2‡ 1…♖b5 2.♘xb5‡ 1…♖e8 2.♘b5‡ 1…gxf3 2.fxg5‡ 1…gxf4 2.♕xd5‡

4936. (≠2, Luca Monti)
8/3NR3/3p1r1b/1P1k4/1p6/1P1Kp3/4BPR1/5N2
1.f4? [2.♗f3‡ ♘xe3‡]
1…♖xf4 2.♘xe3‡ 1…♗xf4 2.♗f3‡ ma 1…♖e6!
1.♖g4! [2.♖d4‡]
1…♗f4 2.♗f3‡ 1…♖f4 2.♘xe3‡

4937. (≠2, Giuseppe Sardella)
8/b1p5/3p3p/rn3Q1K/1qN1P1p1/p2R2BP/2B1k2P/5N2
1.♘fe3? [2.♕f2, ♕f1, ♕xg4‡] 1…♘d4!
1.♘ce3? [2.♕f2, ♕xg4‡] 1…♘d4!
1.e5? [2.♗d1‡] 1…♕e1!
1.hxg4! [2.♕f3‡] 1…♘c3 2.♖d2‡ 1…♘d4 2.♖e3‡

4938. (≠2, Alexandre Pankratiev)
b1Qb1B2/2p5/1pk2p2/1R3p2/P3q3/p2pN3/4n1B1/K7
1.♖d5! [2.♕xa8‡]
1…♗b7 2.♕d7‡ 1…♕xa4 2.♖c5‡ 1…♕d4+ 2.♖xd4‡
1…♕xd5 2.♗xd5‡ 1…♕e5+ 2.♖xe5‡ 1…b5 2.♕a6‡

4939. (≠2, Antonio Tarnawiecki)
version Paz Einat
8/4n2b/1p1R2Bb/1p2B3/1PkN4/K3p3/PP4Rr/2n5
1.♘c2? [2.♖d4‡] ma 1…♖h4!
1.♘e2? [2.♖d4‡] ma 1…♖h4!
1.♘b3? [2.♖d4‡] ma 1…♘e2!
1.♘f5? [2.♖d4‡] ma 1…♘d5!
1.♘c6? [2.♖d4‡] ma 1…♘d5!
1.♘f3! [2.♖d4‡]
1…♘e2 2.b3‡ 1…♘b3 2.axb3‡ 1…♘d5 2.♖c6‡
1…♘f5 2.♗f7‡ 1…♘c6 2.♗f7‡ 1…♖h4 2.♖c2‡

4940. (≠2, Gerhard Maleika)
3N4/Qp1K1p2/2p4B/1pR1Rp2/3k4/bP1r1P2/4r3/4N3
1.♗g7! [2.♖c4‡ 2.♖e4‡]
1…♗xc5 2.♕xc5‡ 1…♖xe5 2.♘c2‡ 1…b6 2.♘xc6‡ 1…f6 2.♘e6‡
Author's comment: 1. Lg7! (2. Tc4 Te4) 1.-L:c5 AB/T:e5 BA/f6 GK/b6 KG/T:f3/T:b3
2. D:c5/Sc2/Se6/Sc6/Tc4/Te4
Change of effects AB-BA-GK-KG
A: a black piece captures a threat piece B: a black piece captures a guarding piece
G: a black piece obstructs a white guard line K: a black piece obstructs a white checking line.

4941. (≠2, Giuseppe Sardella)
6B1/2KpPR2/2p1r1pp/2Nk4/1Pp2P2/1PPN1n2/1B1p1PR1/7Q
1.♘e5! [2.bxc4‡]
1…♘xe5 2.♖g5‡ 1…♖xe5 2.♖f5‡ 1…cxb3 2.c4‡

4942. (≠3, Gérard Doukhan)
3q4/2Np2P1/1P1P2p1/b1P1B3/2P1k1B1/5NP1/n1P2P2/5KQ1
1.♘d5! [2.♗f6 [3.♘g5‡ **A**] 2…♗d2 **b** 3.♘xd2‡ **B** 2…♕xf6 3.♘xf6‡] 1…♗c3 2.♗xc3 [3.♘d2‡ **B**] 2…♕g5 **a** 3.♘xg5‡ **A** 2…♘xc3 3.♘xc3‡ 1…♗d2 **b** 2.♘xd2+ **B** ♔xe5 3.f4‡ 1…♕g5 **a** 2.♘xg5+ **A** ♔xe5 3.f4‡ 1…♕h4 2.gxh4 [3.♘f6‡] 1…♕e7 2.dxe7 [3.♘f6‡]
• Synthesis of Adabashev with two homogeneous pairs of variations
• First (threat and first defence): interception of the black lines with the Pseudo-le Grand theme (Mates A and B)
• In the second pair of variations, we have
-- Babushka theme (at least twice, the same black move appears as the first move in one variation, then as the second move in another variation - FIDE definition)
-- White check with reappearance of same A and B
-- Flight of Black King and mate on f4
-- Doubled hunting theme (A same black piece plays on squares where it is captured) for b♕d8 and b♗a5

4943. (≠3, Leonid Makaronez & Victor Volchek)
6K1/1Q3p2/1p6/b2n4/NP1NkPP1/1q1pPb2/5P2/B1R2B2
1.♖c7? [2.♖e7‡] ma 1…♗xb4!
1.♖c8? [2.♖e8‡] ma 1…♕xa4!
1.♖c6! [2.♖e6+ fxe6 3.♕h7‡]
1…♘xe3 2.♖c4+ ♔xf4 3.♘e6‡ 2…♘d5 3.♘xb3‡
1…♘e7+ 2.♕xe7+ ♔d5 3.♕e5‡ 2…♕e6 3.♘c3‡
1…♘f6+ 2.♖xf6+ ♕d5 3.♘c3‡ 1…♗xg4 2.♗g2+ ♗f3 3.♗xf3‡
Zabunov, Anderssen

4944. (H≠2, Evgeny Gavriliv)
2r5/6n1/2p1kP2/n1Pr3p/p2B2q1/4N2B/Q3R3/7K
a) 1.♘f5 ♘xg4+ 2.♘e3 ♘h6‡ b) 1.♘c4 ♘xd5+ 2.♘e3 ♘b6‡

4945. (H≠2, L'ubos Kekely)
8/8/r2p3N/2pk1B2/p7/K4N2/8/8
a) 1.♖b6 ♘g4 2.♖c6 ♘e3‡ b) 1.♖c1 ♘g8 2.♖c4 ♘e7‡
Meredith. Kricheli theme – loss of moves. Model mates. (Author)

4946. (H≠2, Eligiusz Zimmer)
8/6p1/4rp2/3n3R/3pnk2/3Pp1pb/3N4/2K5
1.♗f5 ♖h4+ 2.♔e5 ♘c4‡ 1.♔g4 ♖g5+ 2.♔h4 ♘f3‡
1.e2 ♖f5+ 2.♔e3 ♖f3‡ 1.g5 dxe4 2.g4 ♖f5‡

4947. (H≠2, Menachem Witztum & Ricardo Vieira)
b7/8/8/5r2/PBkpR3/8/1rP3K1/8
a) 1.♖b3 c3 2.♖f3 ♖xd4‡
b) 1.♖f3 ♖e5 2.♖b4 ♖c5‡ 1.♖d5 ♖e3 2.♖b3 cxb3‡
Theme of 8th Azemmour – Fujairah 2022
The black moves of one solution appear as 1st , 2nd or 3rd black moves of the other solutions. Here the basic solution and the ones derived from it are separated by a twinning device. (Authors)

4948. (H≠3, Mikhaïlo T. Galma & Victor Yuzyuk)
7r/5K2/8/1pppp1r1/6b1/6p1/6pk/5R2
1.♖a8 ♖f4 2.♖a1 ♖xg4 3.♖g1 ♖h4‡
1.♔h3 ♖a1 2.♔h4 ♖a8 3.♔h5 ♖xh8‡
• Azemmour 7 theme (white monopoly, black anti-monopoly) • BK moves only • Chumakov theme (b-r, simplified, 2, 2) • Corner-to-corner (bR) × 2 • Corner-to-corner (wR) × 2 • Long-trip (bR, 3) • Long-trip (wR, 3) × 2 • Model mate × 2. (View in Helpmate Analyzer)

4949. (H≠3, Stanislav Hudak)
2br1b2/1p1kp3/1ppN4/1pP1K3/1P1P4/8/8/8
1.e6 ♘xb5 2.♔e8 ♔f6 3.♗d7 ♘c7‡
1.♔c7 d5 2.♗e6 cxb6+ 3.♔d7 dxe6‡
Klasinc

4950. (H≠3, Menachem Witztum)
8/K7/2p1rP2/N5PN/Pn1ppp2/2PPk3/8/8
1.♘d5 dxe4 2.♔xe4 ♘g3+ 3.♔e5 ♘c4‡ 1.♖d6 cxd4 2.♔xd4 ♘xf4 3.♔c5 ♘b3‡

4951. (H≠2.5, Jorge M. Kapros & Jorge J. Lois)
1br5/2R2p2/6p1/p4kp1/pnK5/1n6/4B3/4rb2
1…♔b5 2.f6 ♖c4 3.♗e5 ♗g4‡ 1…♔c3 2.♔f6 ♗c4 3.♖e5 ♖xf7‡
• Anticipatory self-unpin × 2 • Exchange of functions (bRe1/bBb8, Passive / Self-block e5)
• Exchange of functions (wBe2/wRc7, Guard + Interfering + Line opening / Mate)
• Hideaway (wKc3/b5) × 2 • Diagonal/orthogonal correspondence • Model mate × 2 (View in Helpmate Analyzer)

4952. (H≠3, Alexeï V. Ivunin & Alexandre Pankratiev)
3q4/6r1/2pp3p/5k2/b4n2/7p/8/BK2bR2
a) 1.♖g3 ♗g7 2.h5 ♗h6 3.♔g4 ♖xf4‡ b) 1.♘d5 ♖f4 2.♗b5 ♖a4 3.♔c5 ♗d4‡

4953. (H≠3, Alexandre Pankratiev & Evgeny Gavriliv)
8/8/n3p1pp/p2P3n/K2kp1R1/4bp1q/5B1r/8
a) 1.e5 ♖g1 2.♕c8 ♔b3 3.♕c5 ♖d1‡ b) 1.exd5 ♗h4 2.♖d2 ♔b5 3.♖d3 ♗f6‡

4954. (H≠3, Vladimír Koci)
8/r2n2p1/1n2k1P1/3p1p2/3PP3/2K5/8/8
1.♘e5 dxe5 2.♖e7 ♔d4 3.♘d7 exd5‡ 1.♘f6 e5 2.♖f7 gxf7 3.♘e8 fxe8=♕‡

4955. (H≠3, Stanislav Hudak)
8/p1p3p1/1pk1K3/2p5/P7/P2P4/2q5/8
1.♕xa4 d4 2.♕a6 a4 3.♕b7 d5‡ 1.c4 ♔f5 2.♔c5 ♔e5 3.c6 d4‡

4956. (H=3, Eligiusz Zimmer)
8/8/8/8/1p6/2Pk4/8/R1K5
1.♔c4 ♖a4 2.♔b3 ♖xb4+ 3.♔a3 ♔b1= 1.b3 ♖a5 2.b2+ ♔xb2 3.♔c4 ♔c2=
Echo diagonal-orthogonal

4957. (H≠3, Fabio Magini)
6b1/p1p5/4B3/8/3k4/1K6/1N2p3/8
1.♔e3 ♔c2 2.♔f2 ♗h3 3.♔e1 ♘d3‡ 1.♔c5 ♔a4 2.♔b6 ♘c4+ 3.♔a6 ♗c8‡

4958. (H≠3.5, Evgeny Gavriliv & Yuri Bilokin)
6K1/1Nbpr1N1/8/rq1k4/8/8/8/8
1…♘d8 2.♔d6 ♘ge6 3.♕e5 ♘d4 4.♖d5 ♘b7‡
1…♘e8 2.♔e6 ♘bd6 3.♕f5 ♘e4 4.♖e5 ♘xc7‡
• Bristol (black, bQ-bR, impure, 3, 3) • Bristol (black, bQ-bR, impure, 4, 4) • Feather theme × 2
• Ideal mate × 1 • Model mate × 1 (View in Helpmate Analyzer)

4959. (H≠3.5, Alexeï V. Ivunin & Alexandre Pankratiev)
5n2/5k2/2p5/2pp3p/5N1p/6P1/3KP3/2B5
1…♘xd5 2.♔e6 ♔d3 3.♔xd5 ♗f4 4.♘e6 e4‡
1…♘xh5 2.♔g6 ♔e3 3.♔xh5 ♔f3 4.♘g6 g4‡
Kniest
4960. (H≠4, Alexeï V. Ivunin)
K5n1/4pp2/3pp3/2ppp3/1n3N2/6k1/6B1/5r2
a) 1.♔g4 ♘xe6 2.♖f6 ♗f1 3.♔f5 ♗a6 4.♔xe6 ♗c8‡
b) 1.d4 ♗xf1 2.♔f3 ♘g6 3.♔e4 ♗d3+ 4.♔d5 ♘xe7‡
Themes Chumakov, Kniest; preventive selfblock, model mates.
4961. (H≠4.5, Zlatko Mihajloski)
8/4p3/8/2p4r/K2P3k/7r/8/8
1…d5 2.♖g5 d6 3.♖g2 dxe7 4.♖hg3 e8=♕ 5.♔h3 ♕h5‡
1…dxc5 2.♖g3 c6 3.♖g6 c7 4.♖hg5 c8=♕ 5.♔h5 ♕h3‡
• Analogy (complete) • Delayed Umnov (bR-wQ) × 2, • Echo mates (mirrored horizontally, 0, 2)
• JT Onkoud 50 them • Place exchange in the final positions (bicolor, Pk), • Promotion (QQ, 2)
• Echo,Model mate × 2 (View in Helpmate Analyzer)
4962. (H≠2, Daniel Novomesky)
8/8/3n4/1B6/1K4R1/4k3/8/7b
a) 1.♗c6 ♗e5 2.♔d5 ♖d4‡ 1.♔f1 ♔c3 2.♘c8 ♖h3‡
b) 1.♘e4 ♔a5 2.♘c5 ♖d7‡ 1.♘b7 ♔c4 2.♗f3 ♖e6‡
c) 1.♘e7 ♗d3 2.♔d2 ♖f2‡ 1.♔d1 ♔c3 2.♘b7 ♖f1‡
4963. (H≠2, Mario Parrinello, Francesco Simoni, Marco Guida, Antonio Garofalo)
2b5/2n5/3p4/1P6/5qRr/rkp5/1p6/1K6
1.♘a6 bxa6(♘) 2.♕b4 ♘xb4(♕)‡
1.♗a6 bxa6(♗) 2.♕c4 ♗xc4(♕)‡
1.♖a6 bxa6(♖) 2.♕a4 ♖axa4(♕)‡
No comment!
4964. (H=2.5, Jozef Holubec)
3B4/4n3/q1b5/7B/p7/P7/R3Q2K/r3Rk2
1…♗f7 2.♘g8 ♗xg8 3.♗d5 ♗h4=
1…♗f3 2.♘d5 ♗g2+ 3.♘c3 ♗h4=
4965. (H≠3, Kenneth Solja)
a) 1.Mb5 Mc7 2.♔b7 Ma6 3.♔a7 Mcb6‡
b) 1.♔c7 Mc8 2.♔b8 Mb2 3.Md7 Mbc7‡
Reciprocal anti-batteries, echo
4966. (H≠3, Kenneth Solja)
a) 1.Mb5 Mc7 2.♔b7 Mc6+ 3.♔a7 Mcb6‡
b) 1.♔b6 Ma7 2.Mb8 Mb7 3.♔a6 Maa7‡
Kozhakin, anti-batteries, model mates, chamaleon echo.
4967. (HS≠4, Jorge J. Lois)
8/2N1r3/8/4k3/8/n3KQ1r/8/8
a) 1.♔d3 ♔d6 2.♔d4 ♖d7 3.♕e4 ♖c3 4.♘b5+ ♘xb5‡
b) 1.♘a6 ♔e6 2.♔e4 ♘a4 3.♕f4 ♖d3 4.♘c5+ ♘xc5‡
c) 1.♕g3+ ♔f6+ 2.♔f4 ♖f7 3.♕g4 ♖e3 4.♘d5+ ♘xd5‡
Threefold echo. (Author)

4968. (HS≠7, Sébastien Luce)
4kb1r/1P2p1p1/4P2p/7P/5p2/3p4/8/2K5
1.b8=♗ g5 2.hxg6 e.p. ♗g7 3.♗e5 0-0 4.♗xf4 ♗a1 5.♗d2 ♗h8 6.♗c3 ♗xc3 7.g7 ♖f1‡
Valladao. White Bishop of promotion is sacrificed (Ceriani-Frolkin) to "cut" the long black diagonal, a first time to avoid Bf6-a1, and to allow black castling, then a second time to force black Bishop to capture on c3. The last white move by g-pawn "reduces" the amplitude of the possible move by black Bishop, and so, forces the maximum move of the Rook on f1. (Author)

4969. (h-auto≠7, Gunter Jordan)
8/5p2/k7/3p4/1p6/1P1p4/KPpP4/2B5
1.f5 ♔a1 2.f4 ♔a2 3.f3 ♔a1 4.f2 ♔a2 5.f1=♕ ♔a1 6.♕xc1+ ♔a2 7.♕b1+ ♔a1-auto‡
Definition from Joost de Heer (from Julia's Fairies):
«In a help-automate in n-moves, white and black move alternating, like in a helpmate in n-moves, with the special feature that after white's last move a position arises in which the white king is mated. White can't escape this mate, even if he were to have the move again.»
Apparently the automate is not orthodox, judging by the two adjacent kings in the final position.
Comment by Author: PAS-Läufer-Hilfseigenmatt; Meerane-Thema, nachgeschaltete Form; Themafigur: wK; Exzelsior

4970. (H=7, Sébastien Luce)
1.0-0 ♔d2 2.♖f1 Exf1 3.g5 hxg6 e.p. 4.gxf1=E g7 5.♔h7 ♔e3 6.♔g6 g8=♕+ 7.♔h5 ♕g3=
Valladao
Comment by Author: "The Epieu was a rare piece invented by Roméo Bédoni in 1989. It moves like a Grasshopper, but makes a Knight move 153° in one sense or another crossing the hurdle. For example in the diagram, the Epieu e1 can move only to d1 or f1.
After black castling, white King has to go back to d2, to be used as an hurdle for the Epieu which can capture black Rook on f1. Promotion of g-pawn with capture to Epieu is then possible as it is the maximum move. At the end this Epieu deprived of any hurdle will stay immobile and black King is stalemated in h5 by a white Queen of promotion."

4971. (H≠9, Sébastien Luce)
4k2r/5p2/4p2p/4P3/4K1p1/6P1/8/8
1.0-0 ♔e3 2.♖a8 ♔f2 3.♖a1 ♔g2 4.♖h1 ♔xh1 5.f5 exf6 e.p. 6.♔h7 f7 7.♔g6 f8=♕ 8.♔h5 ♕f6 9.e5 ♕f5‡ Valladao
Comment by Author: "White King comes to capture black Rook in corner h1, to allow double step move of f7-pawn. Then the white Queen of promotion paralyses in f6 black King to force e6-e5 which frees the access to the mating square f5."

4972. (sh≠9, Béla Majoros)
8/b4k2/1pB3p1/1p6/1p6/1p4K1/8/8
1.b2 2.b3 3.b4 4.b5 5.♗e3 6.♗h6 7.g5 8.♔g6 9.♔h5 ♗e8‡

4973. (sd≠13, Václav Kotesovec)
1.♖d6 2.♔d7 3.♖d8 4.♔d6 5.♖xd5(d8) 6.♔e7 7.♔xd8(e7) 8.♔e8 9.♔f7 10.♖g8 11.♔g6 12.♖xg5(g8) 13.♖d8‡
1.♔f5 2.♔xg5(f5) 3.♔h4 4.♔xh5(h4) 5.♔g5 6.♖h3 7.♖h5 8.♖xf5(h5) 9.♔g6 10.♖h7 11.♔f7 12.♖xh4(h7) 13.♖h6‡
1.♔f6 2.♖e6 3.♔f7 4.♖g8 5.♔g6 6.♖xg5(g8) 7.♖g7 8.♔g5 9.♔xh5(g5) 10.♔g6 11.♖xg5(g7) 12.♖c5 13.♖e5‡
Circuito di pezzo fairy, eco.

Mario Parrinello-60 JT Award

by Petko A. Petkov

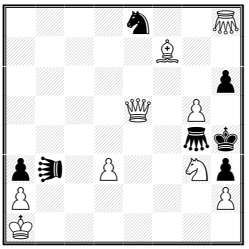
First of all, I apologize for the long delay in the results of this tournament. For the fourth year now, I have been suffering from serious complications related to the Covid-pandemic. .For a very long time I was isolated from the composition because I was treated under a strict and painful hospital regime. At the moment my treatment continues, but still I can perform some activity at a slow pace.

For the JT Parrinello-60, I received from the director of the tournament only 10 originals printed on uniform diagrams without the names of the authors. This rather modest participation surprised me.

Mario is a legendary figure in modern composition. On the other hand, his favorite cyclic ideas are always relevant and undoubtedly deserves more attention.

Two notes about problems that do not receive honors:
No. 01. [without kings] A monumental design, which in another tournament would probably have received a high prize. In my opinion, however, cyclical motifs can hardly be found here to an extent consistent with the regulations of this anniversary tournament. Therefore, I do not ccept this problem in my award, leaving the author the opportunity to send it to another tournament.
No 06. [♔h4-♚c4] Thematic figure Ne6 is redundant in the solution `1…Bh2 2.Nd3 Rh1 3.Ne5+ Bxe5‡ and this is a fatal flaw of the cyclic content.

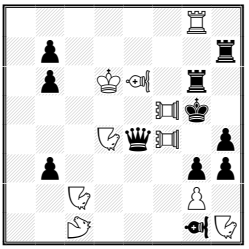
I reward only 4 problems.



← No 07. 1st Prize - Theodoros Giakatis & Kostas Prentos
Parrinello-60 JT
hs‡2,5 (9+7) C+
b) ♙d3→d5, c) ♋b3→b2, Anticirce
♋=Lion ♖♗=Grasshoppers

Cyclic change of functions of 3 white pieces Sg3, Bf7, Gh8 according to the formula: square control h5 / hurdle for Gg4 / passive sacrifice and also some anti-dual motifs. Beautiful mates via G/LI anti-batteries after a threefold sacrifice of the white queen.

a) 1...LIxg3(+bLIg1) 2.Bc4 [2.Gd4+??...4.Bxe8(+wBf1)!] **Gb4 3.Qd4+ Gxd4(+bGd1)‡**
b) 1...LIxf7(+bLIf1) 2.Gd4+ [2.Se4??...3…Gxf4??] **Gc4 3.Qe4+ Gxe4(+bGe1)‡**
c) 1...LIxh8(+bLIh1) 2.Se4 [2.Bc4??...4.Sf1!] **Gd4 3.Qf4+ Gxf4(+bGf1)‡**

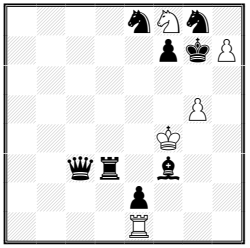


← No 09. 2nd Prize - Franz Pachl
Parrinello-60 JT
hs‡2,5 (10+11) C+ b) ♜g1, c) ♞g1
♘=Rose chinese, ♗♗=Vao, ♘♞=Nightrider chinese, ♖♜=Pao.

This mechanism for the formation of Chinese antibatteries after preliminary movements of a white PAO along the thematic line has long been known. For example, we find a similar theme in a number of H‡ works by the German Grandmaster Franz Pachl and his fellow co-authors. Here, the essential innovation, which makes the familiar scheme in the HS‡ genre interesting with the cyclic creation of anti-batteries with PAO/VAO/NAO, is the use of Forsberg-type twins.

This is undoubtedly a very ambitious and difficult idea. Unfortunately, there is no complete thematic identity here. In the case of black NAOg1, there is no pin of the white PAO(on e5/d5), as is the case in twins a) and b). On c5 square PAO closes RAOc1 and the NAg1 closes again the same white piece. This disadvantage, however, is irreparable. And since we must not become slaves to the impossible, I award this wonderful Problem with very good bQ mates and some small dual-avoidance motifs also.

a) 1...VAh2 2.PAe5! (2.PAd5?, 2.PAc5?) **Kg5-h6 3.PAf5+!** (3.VAef5+?) **Qxd4‡**
b) 1...PAd1+ 2.PA-d5! (2.PAc5?/PAe5?) **Kf6 3.VAf5+!** (3.NAf5+?) **Qxf4‡**
c) 1...NAe2 2.PAc5! (2.Pae5?/2.Pad5?) **Kg4 3.NAf5+!** (3.PAf5+?) **Qxe6‡**

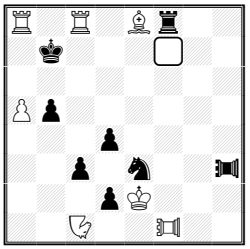


← No 04. Honourable Mention – Igor Kochulov
Parrinello-60 JT
hs‡2,5 (5+8) C+
Genève Rex Inclusiv black; Genève Rex Inclusiv white.

Since the so-called Geneva Chess Rex Inclusive is a "very close relative" of the beloved Anti-Circe, it is not surprising that many of the mechanisms for the realization of these two conditions almost completely coincide. Here for example, after 1…Rd8 2.g6 Qe5 3.h8=Q+ Rd1‡ we have a solution that we would get if in this problem the condition was Anti-Circe.

In that sense, I don't see enough originality of content here to award a premium. But I have found no direct predecessor, and so award the Hon. Mention.

I. 1…Ba8 2.Ke3 Qf6 3.hxg8=R+ Bh1‡ II. 1…Rd8 2.g6 Qe5 3.h8=Q+ Rd1‡
III. 1…Qc8 2.Ke4 Rd5 3.h8=B+ Qc1‡



← No 05. Special Honorable Mention – Juraj Lorinc
Parrinello-60 JT
hs‡3 (7+8) C+
♘=Nightrider, ♖♗=Pao, ▢ = Magic square f7

In this genre, the use of a magic field, on which two thematic figures step cyclically in three phases to change their color, is a well-known idea. A similar manner for the formation of black batteries can be seen, for example, in the well-known problem of Juraj Lorinc,63° T.T. feenschach 2011-12, 1st Honorable Mention.

At Lorinc thematic white pieces in starting position are Queen, Bishop and Nightrider. Here are used Bishop, PAO and Nightrider, but the implementation is subject to the same method. I award a special Hon Mention to mark the precise technique of the author in the new problem, composed also with 15 figures only.

I. 1.PAf7(=bPA) PAff3 2.Bf7(=bB) Bh5 3.Nd3+ PAxd3‡
II. 1.Bf7(=bB) Bg6 2.Nf7(=bN) Nh8 3.PAb1+ Bxb1‡
III. 1.Nf7(=bN) Ne5 2.PAf7(=bPA) PAe7 3.Bc6+ Nxc6‡

International Judge Petko A. Petkov

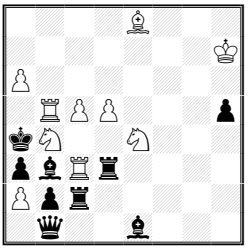
I miei più sinceri ringraziamenti a Petko A. Petkov per il suo qualificato verdetto, il quale diverrà definitivo passati 3 mesi dalla pubblicazione. Eventuali reclami vanno inviati al Redattore:
Antonio Garofalo, E-mail: perseus@bestproblems.it
[*My most sincere thanks to Petko A. Petkov for his qualified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

Best Problems Fairies Award 2021

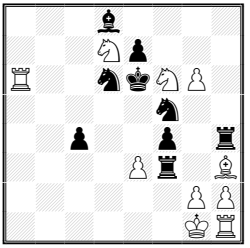
by Kenneth Solja

I like to thank Antonio Garofalo for this opportunity to judge these 50 fairies which were published during year 2021 in Best Problems -magazine. All the awarded problems are good in quality. Every time when such judgement is made it must be pointed out that it is personal view of the judge. Nobody is going to say that this award is the one and only truth. I'm not going to say anything about those problems which have been left out from the award.
I try to be positive and found good things from these problems which I just have been awarded.

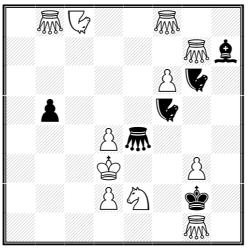
So here is my suggestion for the award:



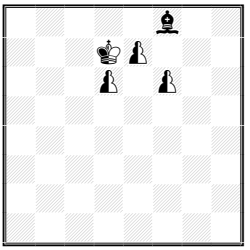
← 1st Prize - Jean-Marc Loustau (France), nr. 4641, ≠2
Position: 4B3/7K/P7/1RPP3p/kN2N3/pbRr4/Ppr5/1q2b3
The author has made as usual a great "show" for the problem and everyone who is interested about the problem should study it very carefully. Like the author has mentioned the problem includes "many specific effects".
I must say a great work of art and this is in my list the number one. It took hours for me to study and I like all effects what it gives to the viewer. A voice of the master!
Set-play: 1 – ♗xa2(-c5) 2 ♘c5‡
Solution: **1 ♖c4 (2 ♘c3‡)**
1...♗xa2(-d5) 2 ♘xa2(-e1)‡ 1...♗xa2(-c5) 2 ♘xa2(-e1)‡
1...♗xa2(-a6) 2 ♘xa2(-e1)‡ 1...♗xb4(-e4) 2 axb3(-b4)‡
1...♗c3 2 ♘xc3(-b3)‡ 1...♖dc3 2 ♘d3‡ 1...♖cc3 2 ♘c2‡



← 2nd Prize - Christopher Jones (Great Britain), nr. 4530, hs≠3
Position: 3b4/3Np3/R2nkNP1/5n2/2p2p1r/4Pr1B/6PP/6KR
a) diagram, b) -wPg2
Complete analogy in the solutions. Both pinned bS are unpinned by white during the solutions and when they re-pinned to the same line the only weakness is that white can force black to mate himself. The only thing is what I'm asking to myself is: "can this be done without a and b"? Solutions:
a) 1.♘b6 ♘c8 2.exf4 ♘xb6 3.♖xb6+ ♗xb6‡
b) 1.♘g4 ♘h6 2.e4 ♘xg4 3.♗xg4+ ♖xg4‡



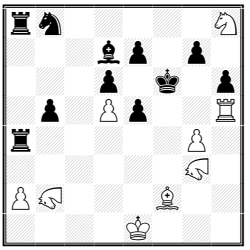
← 3rd Prize - Michal Dragoun (Czech Republic), nr. 4642, hs≠3
Position:
White: Kd3, Se2, pd2, pd4, pf6, pg3, Gb8, Gf8, Gg7, Gg1, Nc8 = 11
Black: Kg2, Lh7, pb5, Ge4, Nf5, Ng6 = 6.
The problem has Zilahi in helpstalemate, because black mate giving piece is captured in the other solution. Black battery works in both solutions nicely and opens up both black and white lines.
A great idea and well performed, but somehow I'm still waiting for the third solution to get full cycle Zilahi.
Solutions:
1.♕xf5 ♔h1 2.♕a5 ♘xc8 3.♕e1+ ♕xe1‡
1.♘xe4 ♔h3 2.♘c3 ♘xf8 3.♘d1+ ♘xd1‡



← 4th Prize - Michael Grushko (Israel), nr 4630, sh≠16,
Circe clone, Aphabetic chess, Take&Make
Position: White: None, Black: Lf8, Neutral: Kd7, pd6, pe7, pf6
a) diagram, b) b♗f8-a1

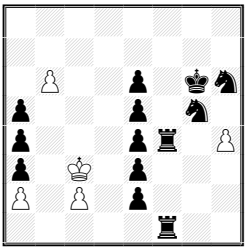
Very complicated problem what comes to fairy conditions and the play. Surely not easy to solve. Still the play very simple and straight forward in both solutions and also enjoyable. Especially I like the mating postions!

a) 1.d5 2.d4 3.d3 4.d2 5.d1=♘n 6.♘nf2 7.♔nxe7(♔ne8;e2) 8.e1=♗n 9.♗nxf2(♗nh3;♗nc1) 10.♗ng5 11.♔nf7 12.fxg5 (♕nc1;g2) 13.♕nh6 14.♔ng8 15.♗xh6(♗h8;♗nc1) 16.♗nh6 gxh3(e6;h7)‡
b) 1.♗e5 2.d5 3.d4 4.d3 5.d2 6.d1=♗n 7.♗nf3 8.♔nxe7(♔ne8;e2) 9.e1=♕n 10.♕ng3 11.♗xg3(♗g8;♗nc1) 12.♗ng5 13.♔nf8 14.♗nh5 15.f5 16.f4 fxg5(e7;g7)‡



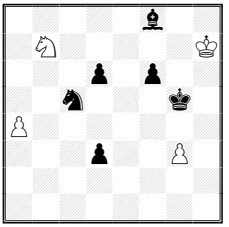
← 1st Hon. Mention - Jorge Kapros (Argentina), nr. 4528, ≠2 with Rose Position:
White: Ke1, Th5, Lf2, Sh8, pa2, pd5, pg4, Roseb2, Roseg3 = 9
Black: Kf6, Ta4, Ta8, Ld7, Sb8, pb5, pd6, pe5, pe7, pg7, ph6 = 11
Very clever play with the Roses in the mates, but somehow I feel that something is missing when they don't as much as I was hoped for. In try and set-play white is pinning either b♖ or b♗ through the Rose-line b2-a4-b6-d7-f6 and in the solution he changes the play to the Rose-line b2-d1-f2-g4-f6.

Also in the try the author added Mäkihovi theme, which suits here very well.
SetPlay: 1…♖xg4 **a** 2.♖f5‡ **A** 1…♗xg4 **b** 2.♘e4‡ **B**
Try: 1.♗f2~? [2.g5‡]
1…♖xg4 **a** 2.♖f5‡ **A** 2.♘e4‡ **B** 1…♗xg4 **b** 2.♖f5‡ **A** 2.♘e4‡ **B**
1…g5 2.♖xh6‡ 1…♖e4+ 2.♘xe4‡ but 1…e6!
Solution: 1.♗b6! [2.g5‡]
1…♖xg4 **a** 2.♘e4‡ **B** 1…♗xg4 **b** 2.♖f5‡ **A**
1…g5 2.♖xh6‡ 1…e6 2.♗d8‡ 1…♖e4+ 2.♘xe4‡

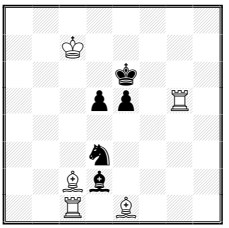


← 2nd Hon. Mention - Petru Moldoveanu (Russia), nr. 4579, sh≠44, Anticirce, Alphabetic Chess**.**
Dedicated to M. D. Tsaregorodtsev Alexander
Position: 8/8/1P2p1kn/p3p1n1/p3pr1P/p1K1p3/P1P1p3/5r2
This must be a record for Rook-promotions, so I must say it is a quite good achievement. Hopefully this is also sound, because it has not been computer-tested due the length of the problem. I like how the fairy conditions are used in this problem and they are the cornerstone of this problem.

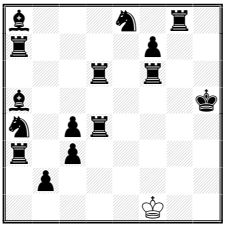
1.e1=♖ 2.♖d1 3.♖d7 4.♖h7 6.e1=♖ 7.♖d1 8.♖d7 9.♖g7 12.e1=♖ 13.♖d1 14.♖d7 15.♖f7 19.e1=♖ 20.♖e5 21.♖f5 26.e1=♖ 27.♖e6 28.♖f6 29.♖a1 30.♖xa2(♖a8) 32.a1=♖ 33.♖d1 36.a1=♖ 37.♖b1 41.a1=♖ 42.♖a7 43.♖b7 44.♖e8 h5‡



← 3rd Hon. Mention - Miguel Uris (Spain), nr. 4687, H≠3
Circe Parrain
Position: 5b2/1N5K/3p1p2/2n3k1/P7/3p2P1/8/8
a) diagram, b) w♘b7-e5
Very beautiful and precise play knights, bishop and pawns with Circe Parrain. White and Black are together making the mating net around the bK in two phases. I like most of the A-phase where two knights are bringing white pawn to mate the bK from a-line to f-line.
a) 1.♘xa4 ♘xd6(c3) 2.♘xc3(f5) ♘xf5(e2) 3.dxe2(g4) ♘g7(f4)‡
b) 1.♗g7 ♔xg7 2.♔h5(♗h7) ♔xf6 3.dxe5(g5) ♔g7(♘f6)‡



← 4th Hon. Mention - Pierre Tritten (France), nr. 4638, H≠2
Breton chromatique adverse
Position: 8/2K5/4k3/3pp1R1/8/3n4/2Bb4/2R1B3
a) diagram, b) -♟d5
Black is blocking with two different pieces square f5. Zilahi is questionable, because in first solution w♗ turns b♗, but it is not captured and in the second solution w♖ which mates in first solution is captured. Mate positions are very familiar from helpmates. However very nice piece of work.
a) 1.♘xe1(b♗c2) ♖g7 2.b♗f5 ♖c6‡
b) 1.♗xc1(b♜g5) ♗h4 2.b♜f5 ♗b3‡

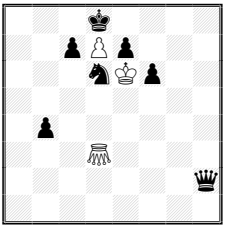


← Special Commendation - Daniele Gatti (Italy), nr. 4681
Direct Serial ≠55. Anticirce
Position: b3n1r1/r4p2/3r1r2/b6k/n1pr4/r1p5/1p6/5K2
Great achievement to get such a problem sound. The solution is very enjoyable to look through, when one also tries to understand the secrets of anticirce at the same time. WK uses cleverly those squares which fairy condition allows him to do. WK captures only those black pieces away which on his way to mate BK.
1.♔e2 2.♔e3 3.♔xd4(♔e1) 4.♔d1 5.♔c2 6.♔b1 7.♔a2 8.♔xa3(♔e1) 9.♔d1 10.♔c2 11.♔b1 12.♔a2 13.♔a3 14.♔xa4(♔e1) 15.♔d1 16.♔c2 17.♔b1 18.♔a2 19.♔a3 20.♔a4 21.♔b5 22.♔c5 23.♔xd6(♔e1) 24.♔e2 25.♔e3 26.♔d4 27.♔c5 28.♔b5 29.♔a6 30.♔xa7(♔e1) 31.♔e2 32.♔e3 33.♔d4 34.♔c5 35.♔b5 36.♔a6 37.♔a7 38.♔b8 39.♔c8 40.♔d7 41.♔e7 42.♔xf7(♔e1) 43.♔e2 44.♔e3 45.♔d4 46.♔e5 47.♔e6 48.♔f7 49.♔xg8(♔e1) 50.♔e2 51.♔e3 52.♔d4 53.♔e5 54.♔f5 55.♔g5‡

Commendations in order of appearance, without comments:

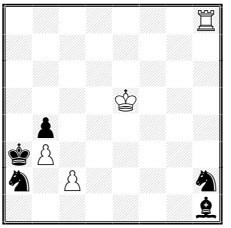
• **Gabriele Brunori & Valerio Agostini (both Italy), nr. 4524, hs≠3,5** with Grasshopper
Position: White: Ke6, Gd3, pd7 =3., Black: Kd8, Dh2, Sd6, pb4, pc7, pe7, pf6 = 7.
Composers accept judge's proposal of new version of their idea, which saves 2 black pawns.
Solutions:
1…♕g3 2.♖h3 ♘e4 3.♖f3 ♕e1 4.♖d5+ ♘d6‡
1…♕c2 2.♖b1 ♘c4 3.♖b5 ♕a2 4.♖d3+ ♘d6‡

4524. G. Brunori & V. Agostini (v) - Italy



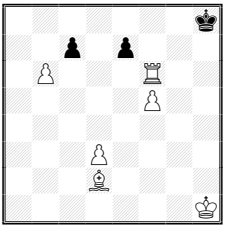
hs≠3,5 (3+7) C+
2 sol.
♕=Grasshopper

4525. P. Moldoveanu & A. Garofalo (v)
Russia / Italy



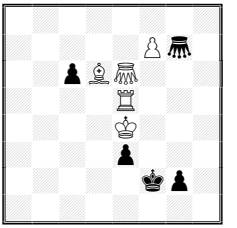
H≠2 (4+5) C+
2 sol.
Take & Make

4578. P. Moldoveanu
Russia - *Dedicated to M. D. Tsaregorodtsev Alexander*



sh≠17 (6+3) C+
b) -♙b6
Alphabetic Chess

4581. J. Stun +
Slovakia



hs≠4 (5+5) C+
b) ♗d6-c5
Circe, ♕♕=Double-Grasshopper

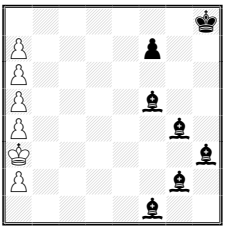
• **Petru Moldoveanu (Russia) & Antonio Garofalo (Italy), nr. 4525, H≠2,** Take&Make
Position: White: Ke5, Th8, pb3, pc2 =4; Black: Ka3, Lh1, Sa2, Sh2, pb4 =5.
Composers accept judge's proposal of new version of their idea, which now can be shown in one phase with two solutions.
Solutions: 1.♗a8 ♖xa8(♖f3) 2.♘xf3(♘d3)+ cxd3(b2)‡ 1.♘c3 ♖a8+ 2.♘a4 bxa4(b2)‡

• **Petru Moldoveanu (Russia), nr. 4578, sh≠17,** Alphabetic Chess
Position: 7k/2p1p3/1P3R2/5P2/8/3P4/3B4/7K a) diagram b) -w♙b6
Solutions:
a) 1.cxb6 2.b5 3.b4 4.b3 5.b2 6.b1=♗ 7.♗xd3 8.♗xf5 9.exf6 10.♗h7 11.f5 12.f4 13.f3 14.f2 15.f1=♗ 16.♗c4 17.♗g8 ♗c3‡
b) 1.c5 2.c4 3.c3 4.cxd2 5.d1=♘ 6.♘e3 7.♘f1 8.e5 9.e4 10.exd3 11.d2 12.d1=♖ 13.♖d8 14.♖g8 15.♘e3 16.♘xf5 17.♘g7 ♖h6‡

• **Jaroslav Stun (Slovakia), nr. 4581, hs≠4,** Circe with Double-Grasshopper
Position:
White: Ke4, Te5, Ld6, pf7, Double Grasshopper e6 = 5.
Black: Kf2, pc6, pe3, pg2, Double Grasshopper g7 = 5.
a) diagram b) w♗d6-c5
Solutions:
a) 1.♖g5 ♕h4+ 2.♔e5 g1=♕ 3.♖xg1(♕d8) ♔f3 4.f8=♕+ ♕f6‡
b) 1.f8=♕+ ♔g3 2.♕d4 g1=♕ 3.♗e7 ♕g2+ 4.♕f3+ ♕xf3(♕d1)‡

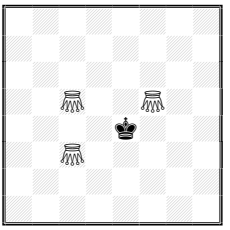
• **Daniele Gatti (Italy), nr. 4587, sd=28,** Alphabetic Chess, Anticirce, Madrasi
Position: 7k/P4p2/P7/P4b2/P5b1/K6b/P5b1/5b2
Solution:
1.♔b4 2.a3 3.a8=♗ 4.a7 5.a6 6.a5 7.a4 8.♔c5 9.♔d6 10.♔e7 11.♔xf7(♔e1) 12.♔f2 13.♔xg2(♔e1) 14.♗b7 15.a8=♗ 16.a7 17.a6 18.a5 19.♗c8 20.♗g2 21.a8=♕ 22.a7 23.a6 24.♕b7 25.a8=♗ 26.a7 27.♕f7 28.♗f3=

4587. D. Gatti
Italy



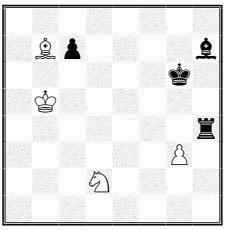
sd=28 (6+7) C+
Alphabetic chess
Anticirce, Madrasi

4632. S. Luce
France



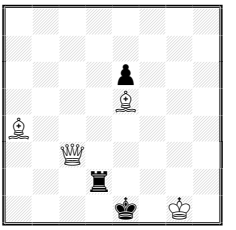
H=3,5* (3+1) C+
1*, 2 sol.
Cannibals
🦗=Grasshoppers

4635. R. Kohring
Germany



S≠9 (4+4) C+
Maximummer

4686. I. Bryukhanov
Ukraine



S≠7 (4+3) C+
Circe

• **Sebastien Luce (France), nr. 4632, H=3,5** with Cannibals
Position: White: Grasshopper c3, c5, f3, Black: Ke4
Solutions:
SetPlay: 1.♔f3 🦗f2 2.♔e2 🦗d2 3.♔d1 🦗c2=
1…🦗c6 2.♔f3 🦗g2 3.♔g3 🦗g4 4.♔h4 🦗g5=
1…🦗c2 2.♔e3 🦗f3 3.♔d2 🦗e2 4.♔e1 🦗f2=

• **Rolf Kohring (Germany), nr. 4635, S≠9** with Maximummer
Position: 8/1Bp4b/6k1/1K6/7r/6P1/3N4/8
Solution:
1.g4! ♖h1 2.♗d5 ♖a1 3.♘b1 ♖a8 4.♘a3 ♖h8 5.♗g8 c5 6.♘c4 ♗xg8 7.♘e5+ ♔h7 8.♘c4 ♗xc4+ 9.♔a4 ♖a8‡

• **Ivan Bryukhanov (Ukraine), nr. 4686, S≠7** with Circe
Position: 8/8/4p3/4B3/B7/2Q5/3r4/4k1K1
Solution: 1.♗c2 ♔e2 2.♕d3+ ♔e1 3.♗g3+ ♖f2 4.♗d1 e5 5.♗f3 e4 6.♗g2 e3 7.♗xf2(♖h8)+ exf2(♗c1)‡

In Hyvinkää, Finland, 1st April 2023
International Judge of Chess Compositions Kenneth Solja

I miei più sinceri ringraziamenti a Kenneth Solja 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 Kenneth Solja 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.*]

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

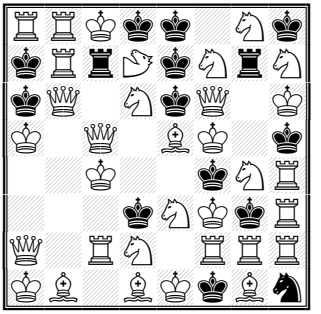
E-mail & web site: perseus@bestproblems.it http://www.bestproblems.it

NUTS (47) di Mr. Veneziano

mr.veneziano@yahoo.com

Recentemente, grazie ad un messaggio proveniente dall'Italia, ricevuto al mio indirizzo di posta elettronica, ho ripreso nuove ricerche nell'ambito della composizione scacchistica...
Forse però, miei cari lettori, a voi devo delle spiegazioni, perché sicuramente vi starete chiedendo che fine avevo fatto!
Bene, dovete sapere che, durante un mio lungo viaggio in Svizzera, ebbi modo di visitare anche la famosa Cascata di Reichenbach... Lì mi colse d'improvviso un capogiro... poi, al mio risveglio, appresi dal personale medico che mi attorniava di aver rischiato la caduta nell'abisso...
In seguito mi fu vivamente consigliato un lungo periodo di riposo che, mio malgrado, fui costretto a rispettare ma, grazie al quale, posso finalmente ritornare a voi!

Obliqui paralleli



Nel 1883 Joseph Pulitzer, il giornalista, editore e politico di origine ungherese naturalizzato statunitense, al quale è intitolato il famoso Premio letterario, rilevò il *New York World*, un giornale sull'orlo del fallimento, riuscendo abilmente a risollevarne le sorti.

All'inizio del nuovo secolo, il quotidiano andava a gonfie vele; tra i vari inserti dell'edizione domenicale dedicati al tempo libero, si potevano incontrare storie inedite di Sherlock Holmes, così come il *Fun*, otto pagine ricche di fumetti, vignette, rebus, anagrammi, indovinelli e alcuni rompicapo dalle più svariate tipologie, genericamente detti *puzzles*.

In una domenica invernale, a pochi giorni dal Santo Natale, i cittadini della Grande Mela furono affetti da quella che sarebbe poi divenuta un'epidemia su scala nazionale. Era il 21 dicembre del 1913 e, proprio sulle pagine del *Fun,* per la prima volta fece la sua comparsa il *Word-Cross*, un nuovo gioco ideato e composto da Arthur Whynne, curatore del supplemento.

A quella data viene fatta risalire la nascita del cruciverba, ovvero "indovinello delle parole incrociate", come venne letteralmente presentato l'8 febbaio del '25 dalla *Domenica del Corriere*. Nel frattempo i cruciverba si erano diffusi a macchia d'olio, fino a diventare, soprattutto nei paesi di lingua anglosassone, una febbre maniacale.

In una delle nostre prime Nuts (**BP33**) presentammo il corrispettivo, se così si può dire, dei cruciverba nell'universo della composizione scacchistica, titolando “Cruciscacchi”, un neologismo che ci sembra appropriato! Sull'argomento seguirono un inedito di Minerva & Garofalo (**BP37**) ed una nuova Nuts (**BP49**).

La saga continua!

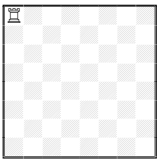
Grazie ad alcuni inediti ricevuti da E. Minerva ho potuto completare un nuovo cruciscacchi, aggiungendo mie creazioni e altre di autori del passato che qui vengono ripubblicate. Nel diagramma che sottoponiamo alla vostra attenzione trovate 15 *obliqui paralleli*, ovvero problemi di vario genere da "leggere" sulle 15 diagonali così: N.1 a8-a8, N.2 a7-b8, N.3 a6-c8 ecc., fino al N.15 h1-h1.

That's all Folks!

• **01) Mr.Veneziano**, *after S. Loyd*. Partendo da a8, raggiungere le case indicate nei gemelli con il minor numero di mosse, passando prima per tutte le altre case solo una volta: a) h1 b) g1. • **02) Mr.Veneziano**, sh=6, Sentinels. • **03) L. N. De Jong.** ≠7 (versione) • **04) Mr.Veneziano**, H=2, 2 sol. Sentinels. • **05) E. Minerva**. H≠2, 2 sol. Sentinels, ♘=Gnu. • **06) E. Minerva.** H=2, b) ♕c5→b4, Sentinels, Einstein. • **07) V. Surkov.** ≠3. • **08) W. Pauly** ≠2, scacchiera cilindrica verticale. • **09) W. Pauly.** ≠5. • **10) T. R. Dawson.** H≠3, 1 sol. • **11) E. Minerva.** H=2, ortodosso, b) idem ma condizione Einstein. • **12) P. H. Torngren.** ≠3. • **13) Mr.Veneziano**, H=2, ortodosso, b) idem ma condizione Einstein. • **14) T. R. Dawson.** versione Mr. Veneziano. Construction Task: aggiungere gli altri 6 Ufficiali bianchi e gli 8 Ufficiali neri per ottenere il numero minimo di mosse totali. • **15) E. Minerva.** Retractor (Hoeg), Vinciperdi, Einstein. Il Nero ritira la sua ultima mossa, quindi il Bianco gioca e vince.

(NdR) Per favorire i lettori, qui di seguito trovate i 15 problemi diagonali da risolvere. Le soluzioni sul prossimo fascicolo della rivista.

01



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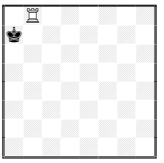

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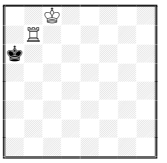

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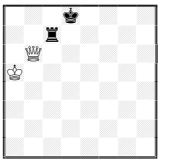

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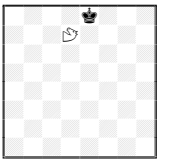

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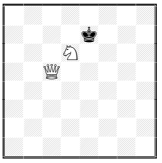

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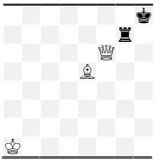

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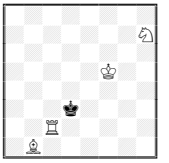

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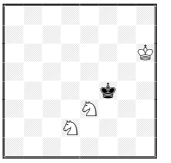

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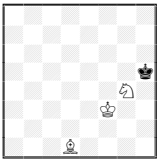

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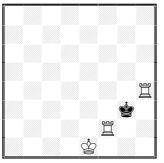

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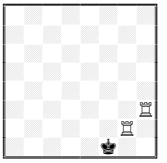

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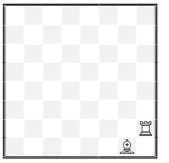

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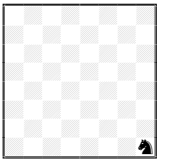
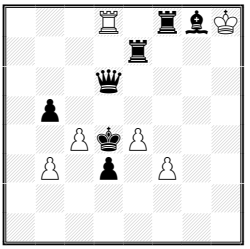
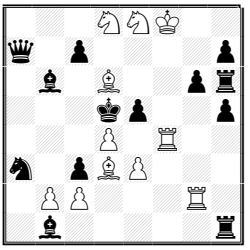


Affermazioni italiane (Italian award winners)



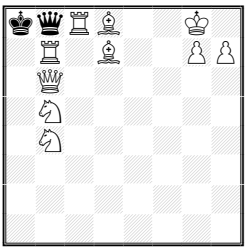
← **Francesco Simoni** - Lode - *SuperProblem* 2021
3R1rbK/4r3/3q4/1p6/2PkP3/1P1p1P2/8/8
hs≠3,5 (6+7) C+ b) -♙f3
a) 1…bxc4 2.♖c8 ♕g3 (♕f4?) 3.f4 ♕e3 4.♖xc4+ ♗xc4‡
b) 1…♖xe4 2.♖e8 ♕a3 (♕b4?) 3.b4 ♕c3 4.♖xe4+ ♔xe4‡
Judge: V. Crisan.
Black sacrifice to clear the square where to play W4; direct black unpin at W2. The unpinned bQ moves twice: first at B2, by hiding behind **a** wP, which will then move allowing the bQ moves again, at B3. Dual avoidance: if the bQ stopped at B2 one square earlier, guarding her arrival square at B3 in advance, she would block the wP, preventing W3. Mates by different batteries. (Author)



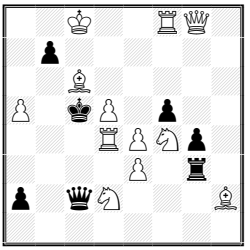
← **Marco Guida** - 4° Premio 125° Mémorial A. Kozlov 2022
3NNK2/q1p4p/1b1B2pr/3kp2p/3P1R2/n1pBP3/1PP3R1/1b5r
≠2 (11+13) C+
1.♗e7? [2.♘f6 (A)#]
1...exd4 (a) 2.♖g5 (D)# (not 1...e4 (b)? 1...exf4 (c)?) but 1...g5!
1.bxc3? [2.e4 (B)#]
1...e4 (b) 2.♖g5 (D)# (not 1...exf4 (c)? 1...exd4 (a)?) but 1...♖e1!
1.b3? [2.♗e4 (C)#]
1...exf4 (c) 2.♖g5 (D)# (not 1...exd4 (a)? 1...e4 (b)?) but 1...♗xc2!
1.♖g5 (D)! [2.♖xe5#]
1...cxd6 (x) 2.♘f6 (A)# 1...♗xd4 (y) 2.e4 (B)#
1...♘c4 (z) 2.♗e4 (C)#

Thematic Highlights

- 3x Pseudo-Erokhin **(Novelty: 1st time triple Pseudo Erokhin)**
  - Try1 - Solution: AaD - DxA
  - Try2 - Solution: BbD - DyB
  - Try3 - Solution: CcD - DzC
- 2x Transfer of Mate (D) across Try1, Try2 and Try3
- In the 3 Tries, defenses (a), (b) and (c) leading to thematic mate (D) are unique defenses vs. the 3 thematic threats (A), (B) and (C) respectively, resulting in a full 3-fold cycle of "defenses-not defenses".



← **Daniele Gatti**
CSAK – MAJOROS – PASZTOR 2021, section S≠5-10
Lode - T. Ersek-80 JT 2021
kqRB2K1/1R1B2PP/1Q6/1N6/1N6/8/8/8
S≠10 (10+2)
1.♔h8! ♕xc8 2.♖b8+ ♕xb8 3.♗c6+ ♕b7 4.♗c7 ♕xc6 5.g8=♕+ ♕e8 6.♕a5+ ♔b7 7.♕a7+ ♔c8 8.♘d6+ ♔d7 9.♗b8+ ♔d8 10.♕f8 ♕xf8#
Judge: Tibor Ersek



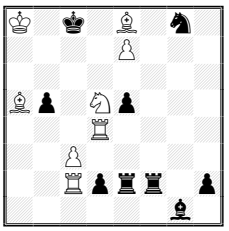
← Marco Guida & Francesco Simoni
5th Hon. Mention, *StrateGems* 2022
2K2RQ1/1p6/2B5/P1kP1p2/3RPNp1/4P1r1/p1qN3B/8
≠2 (12+7) C+
Setplay: 1...♖xe3 2.e6≠
Tries: 1.♖f6? [2.♕f8≠] 1...♖xe3 2.♘e6≠ 1...♕xe4 (b) 2.♘b3≠ (B)
but 1...bxc6 (a)!
1.♕e6? [2.♕e7≠] 1...bxc6 (a) 2.Áxc6≠ (A) 1...♕xe4 (b) 2.♘b3≠ (B)
but 1...♖xe3!
1.d6 (C)? [2.♕d5≠ NOT 2.♖xf5 (D)?]
1...bxc6 (a) 2.♖xf5≠ (D) 1...♕xe4 (b) 2.♕c4≠ (E)
1...♕c4 (♔xc6) 2.♕(x)c4 (♕d5)≠ but 1...♕b3!
1.♖xf5 (D)! [2.♕f8, NOT 2.d6 (C)?]
1...bxc6 (a) 2.d6 (C)≠ 1...♕xe4 (b) 2.♘xe4≠ (F)
1...♔d6 (♖xe3) 2.♕f8 (♘e6)≠

Thematic Highlights
• Zagoruiko 3x2
• Reversal Key-Mate. Dual-threat avoidance, with Anti-Reversal Key-Threat effect, in Try3 and Solution. Failing threats return as variation mates.
• Un-provided flight in Setplay.
Try1 is an introductory Try: it takes the flight to free the mating square for the ♕.
Try2, again, takes the flight with ♕ trying to by-pass the ♖ to mate on the f8-c5 line.
Try3, again, takes the flight, but it gives a new one, to free another square for the ♕.
Finally, solution (which is the only phase not taking the pre-set flight) returns to the initial strategy, i.e. to free square f8 for the w♕.

Award ≠2 Best Problems 2022 - Correction

by Gérard Doukhan

4694. G. Maleika - Germania

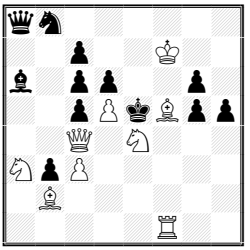


The judge decided a change at the Award. Number 4694 is added with the first Honourable Mention. Then the new rank is:
4734 - Gerhard Maleika - 1st Hon. Mention e.a.
4694 - Gerhard Maleika - 1st Hon. Mention e.a.
4774 - Gerhard Maleika - 3rd Hon. Mention - changed
4817 - Miguel Uris - 4th Hon. Mention - changed
4814 - Michael Lipton - Special Hon. Mention
Prizes and Commendation remain unchanged.

≠2 (8+9) C+

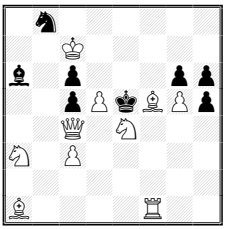
1.♗xb5! [2.♖c4‡ 2.e8=♕‡
1…♘xe7 2.♘xe7‡ AB & DE
1…♖f8 2.exf8=♕‡ BC & EF
1…exd4 2.cxd4‡ CA & FD

Ricostruzione

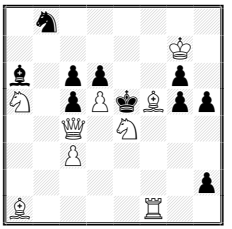


← **Yuri Gorbatenko -** Memorial S. Huseynov-65, 2016 ; 2nd Prize
Ricostruzione 95 - BP106
qn6/2p2K2/b1pp2p1/2pPkBpp/2Q1N3/NpP5/1B6/5R2
1.♕e2? [2.c4‡]
1…c4 2.♘f6‡ 1…cxd5 2.♕h2‡ ma 1…♗c4!
1.♕b5? [2.c4‡]
1…c4 2.♘xc4‡ 1…cxd5 2.♕e8‡ ma 1…gxf5!
1.♕d3! [2.c4‡]
1…c4 2.♕d4‡ 1…cxd5 2.♕g3‡ 1…♗c4 2.♘xc4‡
Correzione nera, Zagorouïko.
A170, Album FIDE 2016-18

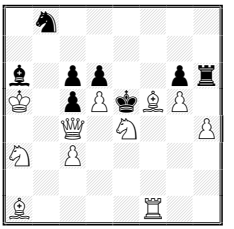
Predrag Zuvic



José Antonio Coello Alonso
Miguel Uris



Hans Nieuwhart



Anzitutto complimenti a tutti i partecipanti, perché hanno migliorato in economia - senza danneggiare il tema - un problema pubblicato sull'album FIDE. Per esempio risparmiando la ♕a8 che serve a evitare una demolizione col suo controllo della casa 'd5'. Una funzione davvero minima per la regina nera. 1.♘f6? [2.♕e4 ecc.] hxg5 nella posizione di Zuvic, 1...h1♕/♗ in quella di Coello/Uris, 1...♖xh4 in quella di Nieuwhart.

Per il prossimo fascicolo desidero proporvi un Helpmate, sperando non sia troppo difficoltoso.

Ricostruzione n. 96 - Ricostruire un problema H≠2 che abbia le seguenti due soluzioni:

1.♘xd1 ♗f6 2.♘c3 ♘e5≠
1.♗xf1 ♖h5 2.♗h3 ♘h4≠

Inviare (send to): **perseus@bestproblems.it**
(last available day for to send: 1**0/09/2023**)

A. Garofalo

Segnalazioni (Reports)

BP106 – n.4904 (Barsukov) is not original: see 9114, Phénix 324 (nov. 2021) (Winchloe ID 850763). Pointed out by C. Poisson.

Figured tours of knight on 12x12 Board (Part 2)

by Awani Kumar, Lucknow, India

Here we have few more 'figured tours' of knight on 12x12 board. Figure 1 and Figure 2 have the square numbers 1^2, 2^2, 3^2 … 12^2, that is, 1, 4, 9 … 144 in knight path in oblong and square formations respectively. Figure 3 is a closed tour with the square numbers in knight path in a zig-zag compact formation. Figure 4 has the square numbers within a triangle. Figure 5 to Figure 8 have the square numbers in open knight path. Figure 9 has square numbers in Andrew cross formation. Figure 10 has the square numbers in open {3,6}-leaper path. Figure 11 to Figure 16 have the square numbers in open giraffe {1,4} path. Figure 17 to Figure 19 have the square numbers in open flamingo {1,6} path. Figure 21 to Figure 24 have the square numbers in symmetric knight circuits. Figure 25 has the square numbers in octagonal formation.

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

1.

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

2.

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

3.

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

4.

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

5.

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

6.

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

7.

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

8.

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

9.

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

10.

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

11.

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

12.

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

13.

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

14.

Figure 26 is a closed tour with the square numbers in zebra {2,3} path

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

15.

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

16.

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

17.

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

18.

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

19.

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

20.

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

21.

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

22.

Figure 27 is a polygon with the square numbers in a closed zebra path (area = 72). Figure 28 is a polygon with square numbers in a closed fiveleaper {0,5} and zebra path (area = 97). Figure 29 and Figure 30 have square numbers and cubic numbers 1^3, 2^3, 3^3, 4^3 and 5^3, namely, 1, 8, 27, 64 and 125 in knight path.

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

23.

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

24.

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

25.

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

26.

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

27.

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

28.

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

29.

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

30.