

BEST PROBLEMS

Rassegna dei migliori problemi

diretta da **Antonio Garofalo**

Col sostegno dell'API (Associazione Problemistica Italiana)

Anno XXVIII - n. 116

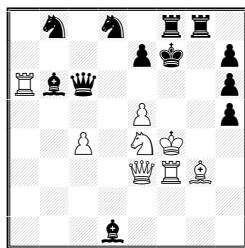
4°/2025 - October

Hanno collaborato a questo numero:

Mario Parrinello, Awani Kumar

EDITORIALE

Un fascicolo col record di pubblicazioni: ben 52 inediti, tutti quelli che avevo al momento di iniziare a "lavorare" a BP116. Probabilmente ciò provocherà un calo di inediti nel prossimo numero, ma certamente i compositori saranno contenti comunque vedendo le loro fatiche pubblicate il più presto possibile. Abbiamo l'onore di pubblicare una proposta del GM Mario Parrinello circa una nuova condizione fairy di sua invenzione. Come se non ce ne fossero abbastanza! ☺



← Mario Parrinello

5th Prize, The Problemist 2005

1n1n1rr1/4pk1p/Rbq4p/4P2p/2P1NK2/4QRB1/8/3b4

H≠2 (8+12) C+ b) -♙g3

a) 1. ♙xe3+ ♖xe3+ 2. ♖e6 ♜c5‡

b) 1. ♖xe4+ ♖xe4+ 2. ♖g6 ♜g1‡

Award: September 2007. Comments by Judge: Lively blend of anticipatory half-pin, royal batteries, Zilahi. Surprising effect of twinning. (Judge: Jean Haymann)

I concorsi su *Best Problems*:

- $\neq 2 = 2$, (2025/2026): NN
- $\neq 3 = 3$, (2024-2025): Antonio Garofalo
- $S \neq 2/3 - S = 2/3$ (2024-2025): Antonio Garofalo
- $H \neq 2/H = 2$, (2024-2025): NN
- $H \neq 2,5/3 - H = 2,5/3$, (2024-2025): NN
- $H \neq n/H = n$, (2024-2025): Antonio Garofalo
- HelpSelfmate 2/3/n (Orthodox and fairy) 2024-2025: Antonio Garofalo
- Fairies (2025): NN

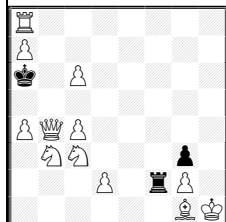
E-mail & web site: perseus@bestproblems.it <http://www.bestproblems.it>

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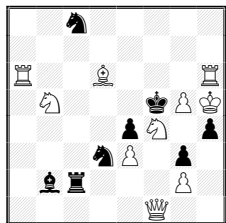
Inediti (Originals)

6024. G. Maleika
Germania



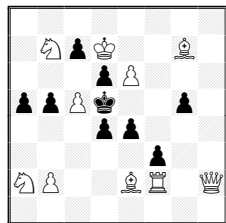
$\neq 2$ v (12+3) C+

6028. G. Sardella
Italia



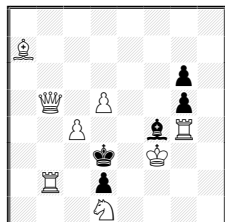
$\neq 2$ (10+8) C+

6032. V. Cabrera
Cuba



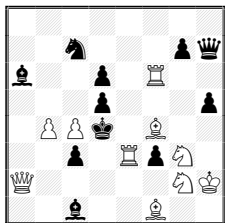
$\neq 2$ vvv (10+9) C+

6025. G. Maleika
Germania



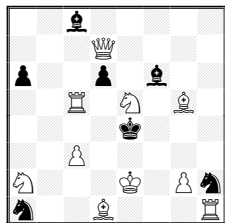
$\neq 2$ v (8+5) C+

6029. P. Murashëv
Russia



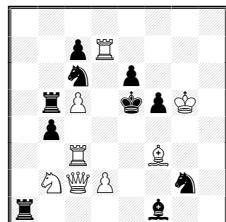
$\neq 2^*$ vv (10+11) C+

**6033. G. Bielefeldt
& V. Cabrera**
Cile/Cuba



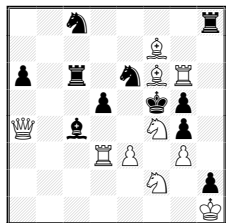
$\neq 2$ (10+7) C+

6026. G. Doukhan
Francia



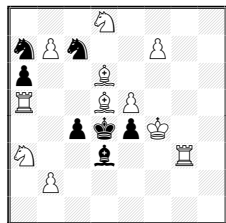
$\neq 2$ vv (8+10) C+

6030. P. Murashëv
Russia



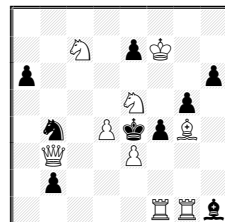
$\neq 2^*$ vvv (10+11) C+

6034. G. Sardella
Italia



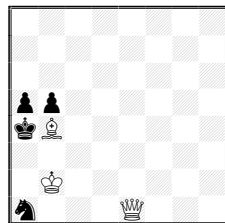
$\neq 2$ vv (11+7) C+

6027. L. Gomez
Palazon - Spagna



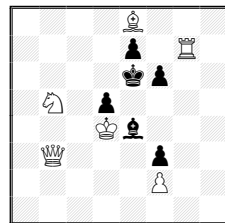
$\neq 2^*$ vvv (9+9) C+

6031. E. Zimmer
Polonia



$\neq 2^*$ v (3+4) C+

6035. G. Bielefeldt
Cile

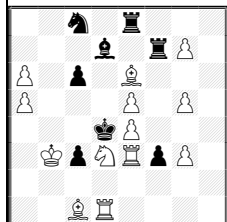


$\neq 2$ (6+6) C+

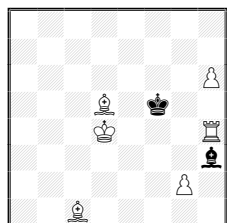
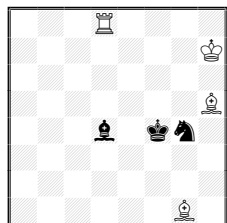
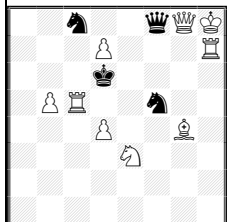
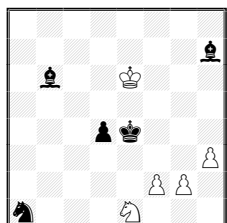
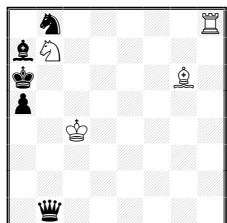
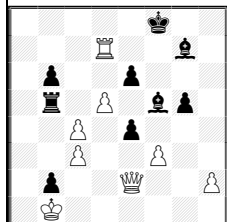
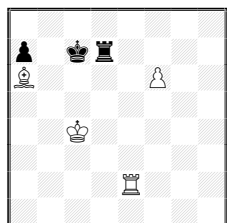
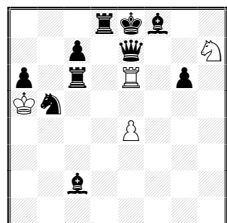
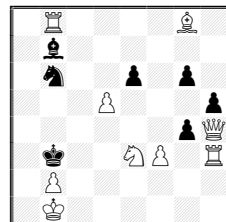
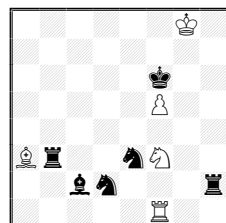
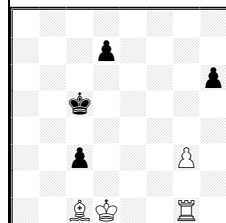
$\neq 2$, n. 6024-6035 (Judge 2025: NN)

$\neq 3$, n. 6036 (Judge 2024-2025: Antonio Garofalo).

$S\neq 2/3$, n. 6037 (Judge 2024-2026: Antonio Garofalo).

6036. A. Tarnawiecki
Perù

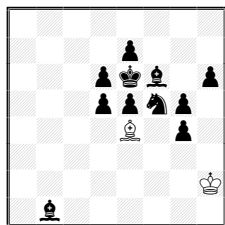
≠3 (13+8) C+

6040. S. Hudak
SlovacchiaH≠2 (6+2) C+
2 sol.6044. M. Vasyuchko
& M. T. Galma
UcrainaH≠2 (4+3) C+
b) ♖g1→h46037. V. Yuzyuk
UcrainaS≠3 (9+4) C+
b) ♖c5→e56041. S. Hudak
SlovacchiaH≠2 (5+5) C+
3 sol.6045. M. Vasyuchko
& M. T. Galma
UcrainaH≠2 (4+5) C+
2 sol.6038. U. Delprato
ItaliaH≠2 (8+9) C+
2 sol.6042. E. Zimmer
PoloniaH≠2 (4+3) C+
b) ♖a6→e1, 2+2 sol.6046. S. Parzuch
PoloniaH≠2 (4+10) C+
b) ♖h76039. I. Kalkavouras
GreciaH=2 (9+7) C+
b) ♗g6→h76043. D. Grinchenko
UcrainaH≠2 (5+6) C+
4 sol.6047. S. Hudak
SlovacchiaH≠3 (4+4) C+
2 sol.

H≠2, H=2, n. 6038-6046 (Judge 2024-2025: NN)

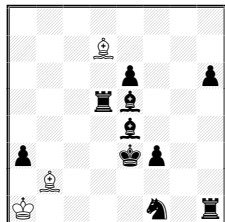
H≠2,5/H≠3, H=2,5/H=3, n. 6047-6053 (Judge 2024-2025: NN).

6048. S. Hudak
Slovacchia



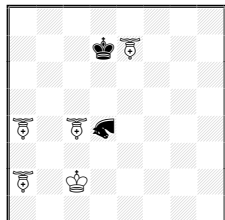
H#3 (2+11) C+
2 sol.

6052. V. Koci
Rep. Ceca



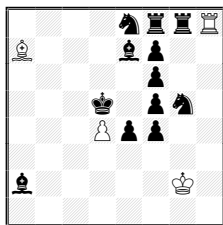
H#3 (3+10) C+
2 sol.

6056. V. Kotesovec
Rep. Ceca



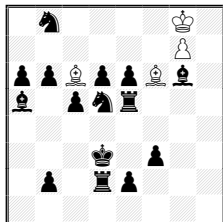
hs#11 (5+2) C+
2 sol. - ♖=Bishopper
♜=Moineau/Sparrow

6049. E. Zimmer
Polonia



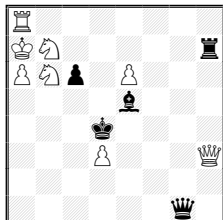
H#3 (4+12) C+
b) ♖d4→h5

**6053. M. Parrinello,
M. Guida, F. Simoni**
Italia



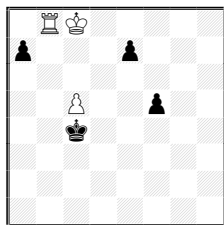
H#3 (4+15) C+
b) ♖g7→b7

6057. A.V. Styopochkin
Russia



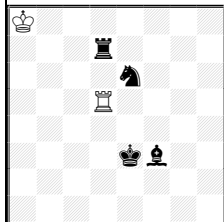
hs#3 (8+5) C+
b) ♜d4→e7

6050. E. Zimmer
Polonia



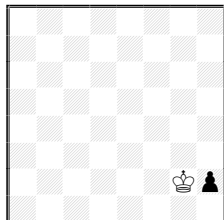
H#3 (3+4) C+
b) ♜b8→d8

6054. F. Magini
Italia



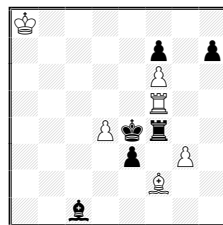
H#5 (2+4) C+
1 sol.

6058. S. Luce - Francia
Gare...à la Dame noire !



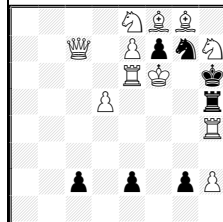
hs#5,5 (1+1) C+
1 sol. - Sentinels in
opponent pawn.

**6051. M. Vasyuchko
& M. T. Galma**
Ucraina



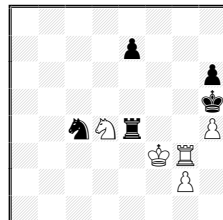
H#3 (6+6) C+
b) ♖d4→h5

6055. D. Gatti
Italia



hs#2 (11+7) C+
3 sol.

6059. N. Zujev
Lituania



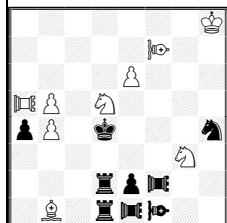
hs#3,5 (5+5) C+
b) ♜g3→h3

H#2,5/H#3, H=2,5/H=3, n. 6047-6053 (Judge 2024-2025: NN).

H#n, n. 6054 (Judge 2024-2025: Antonio Garofalo).

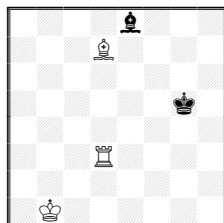
hs#2/3/n, n. 6055-6059 (Judge 2024-2025: Antonio Garofalo).

6060. M. Dragoun
Rep. Ceca



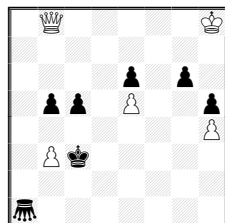
H≠2 (9+9) C+ 4 sol.
♞♜=Vao, ♞♝=Pao

6061. H. Nieuwhart
Olanda



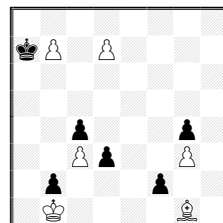
H≠3 (3+2) C+ 2 sol. Take & Make

6062. L. Kekely
Slovacchia



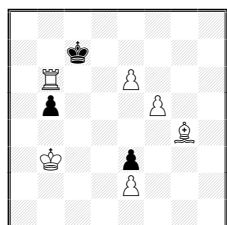
ss≠17 (5+7) C+ 1 sol. - ♞=Grasshopper

6063. L. Kekely
Slovacchia



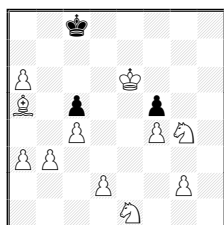
1B & sh=7 (6+6) C+

6064. L. Kekely
Slovacchia



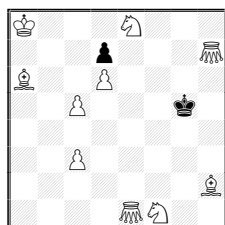
sh≠18 (6+3) C+ 1 sol. - Circe

6065. L. Kekely
Slovacchia



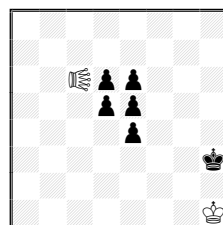
sh≠30 (11+3) C+ 1 sol.

6066. L. Kekely
Slovacchia



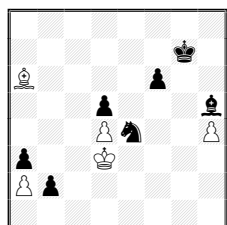
sh=32 (10+2) C+ 1 sol.
♞=Grasshoppers

6067. S. Luce - Francia
Two promotions behind a triangle



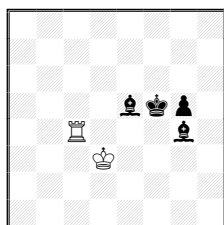
H≠12,5 (2+6) C+ 2 sol. - Circe, ABC
Black captures
priority
♞=Elan/Moose

6068. J. Carf
Francia



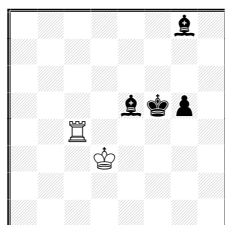
pser-S≠14 (5+7) C+ 1 sol.

6069. O. V. Paradzinsky
Ucraina



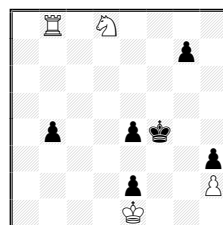
H≠2 (2+4) C+ 2 sol. - Masand

6070. O. V. Paradzinsky
Ucraina



H≠3 (2+4) C+ 2 sol. - Masand

6071. J. Carf
Francia



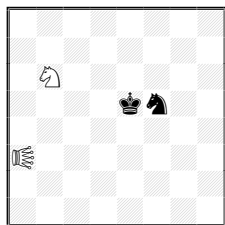
pser-S≠13 (4+6) C+ 1 sol.

6072. S. Luce

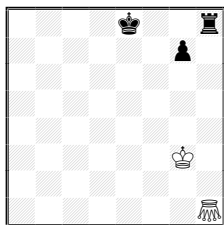
Francia

6073. S. Luce - Francia*All ways lead to Rome***6074. S. Luce - Francia***Une montée et une descente
pour Roméo Bédoni***6075. J.F. Carf**

Francia

**H=4 (2+2) C+****2 sol.**

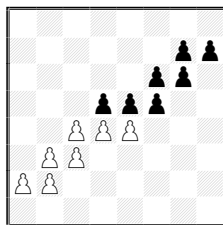
PWC, ♖=Locust

**H≠6 (2+3) C+****2 sol.**

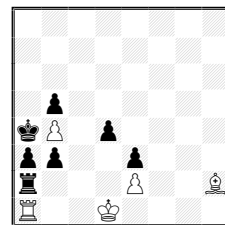
White Randzüger

Black Randzüger

Circe, ♗=Grasshopper

**H==17 (7+7) C+****b) Vertical mirror**

Changeants, ABC

**psers-S≠15 (5+7) C+****1 sol.**

Fairies n. 6060-6075 (Judge 2025: (NN).

Note agli inediti (Fairy elements)

sh = aiutomatto a serie (Serie helpmate/helpstalemate).

hs = helpselfmate.

sd = diretti a serie (Serie direct)

ss = serie selfmate

• **1B & sh=7:** Diagram 6063 → One white move, then SerieHelpstalemate in 7.• **Alphabetic Chess (Alphabétiques)** - Each move of either side must be by the piece occupying the first square in the order of a1, a2, a3...b1, b2, b3...c1, c2, c3... etc., which is able to make a legal move. Castling is permitted if the King has the right to make a legal alphabetical move, provided the usual other rules for that move are obeyed.• **Captures noires prioritaires:** S'ils le peuvent, les Noirs doivent capturer = Schlagzwang• **Changeants:** The Pawns reaching the original rank of the opponent pawns change their colour.• **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 reborn Rook. Fairy pieces are regarded as being the result of promotion and so are reborn on the promotion-square or the file of the capture.• **Masand:** A piece which directly threatens the opposite King, after it moves, it changes the color of the pieces it controls or attacks, except the Kings. [Quando un pezzo dà scacco, e nel contempo controlla altri pezzi, tali pezzi cambiano di colore. Sono esclusi i Re.]• **Pser:** Problema a serie, parziale. Durante una normale serie di mosse il Nero può dare scacco, il quale viene parato da una mossa bianca, dopo di che la serie prosegue.• **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.)

- **Randzüger blanc:** Les Blancs doivent obligatoirement jouer sur le bord de l'échiquier.
- **Randzüger noir:** Les Noirs doivent obligatoirement jouer sur le bord de l'échiquier
- **Sentinelles en Pion adverse:** Lorsqu'une pièce (Pion exclus) quitte une case située en dehors des premières et dernières rangées, elle y laisse un Pion de la couleur de l'autre camp, sauf si 8 Pions de cette couleur sont déjà présents sur l'échiquier.
- **Take & Make:** after any capture, the capturing unit **must** make a move that could be made by the captured unit, and this move cannot be another capture.
- **Bishopper:** A Grasshopper moving on Bishop-lines only.
- **Elan /Moose:** moves like a **Grasshopper** but turns 45 degrees on the hurdle.
- **Grasshopper:** It 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.
- **Locust:** It moves on Queen-lines but only by capturing an enemy unit, arriving on the square immediately beyond that unit.
- **Moineau/Sparrow:** It moves like a Grasshopper but veers 135° in either direction immediately after the obstacle. The landing square is contiguous to the obstacle. (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.)
- **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. 116

Commenti degli autori e del redattore.

6024 - Gerhard Maleika

R7/P7/k1P5/8/PQP5/1NN3p1/3P1rP1/6BK

1. ♖f8? tempo

1... ♜f1 2. ♖xf1= 1... ♜f3 2. ♖xf3= 1... ♜f4 2. ♖xf4= 1... ♜f5 2. ♖xf5= 1... ♜f6 2. ♖xf6=

1... ♜f7 2. ♖xf7=

1... ♜xf8 2. ♜xf8= 1... ♙b6 2. ♖c8= 1... ♜e2 2. ♙xe2= 1... ♜xg2 2. ♙xg2= ma 1... ♜xd2!

1. ♜f8! tempo

1... ♜f1 2. ♜xf1= 1... ♜f3 2. ♜xf3= 1... ♜f4 2. ♜xf4= 1... ♜f5 2. ♜xf5= 1... ♜f6 2. ♜xf6=

1... ♜f7 2. ♜xf7=

1... ♜xf8 2. ♜xf8= 1... ♜xg2 2. ♙xg2= 1... ♙xa7 2. ♜b5= 1... ♜e2 2. ♙xe2= 1... ♜xd2

2. ♙xd2=

Comments by Author:

Kh1-Ka6-Tf8 shows a stalemate change 2x7 and a different king flight in each phase.

6025 - Gerhard Maleika

8/B7/6p1/1Q1P2p1/2P2bR1/3k1K2/1R1p4/3N4

1. ♙b8? tempo

1... ♙h2 2. ♙xh2= 1... ♙g3 2. ♙xg3= 1... ♙e5 2. ♙xe5= 1... ♙d6 2. ♙xd6=

1... ♙c7 2. ♙xc7= 1... ♙xb8 2. ♜xb8= 1... ♙d4 2. ♜b3= ma 1... ♙e3!

1. ♖b8! tempo

1... ♙h2 2. ♖xh2= 1... ♙g3 2. ♖xg3= 1... ♙e5 2. ♖xe5= 1... ♙d6 2. ♖xd6=
1... ♙c7 2. ♖xc7= 1... ♙xb8 2. ♙xb8= 1... ♙xc4 2. ♖xd2= 1... ♙e3 2. ♙xe3=

Comments by Author:

Kf3-Kd3-Db8 shows a stalemate change 2x6 and a different king flight in each phase.

6026 - Gérard Doukhan

8/2pR4/2n1p3/1rP1kpK1/1p6/2R2B2/1NQP2n1/r4b2

1.d3? [2. ♘c4♠]

1... ♘a5 **b** 2.d4♠ 1... ♙xd3 2. ♘xd3♠ 1... ♚xc5 2. ♚xc5♠ ma 1... ♘e3! **a**

1. ♚cd3? [2. ♘c4♠]

1... ♘e3 **a** 2. ♚xe3♠ 1... ♙xd3 2. ♘xd3♠ 1... ♚xc5 2. ♖xc5♠ changed, ma 1... ♘a5! **b**

1. ♖d3! [2. ♘c4♠]

1... ♘e3 **a** 2. ♖xe3♠ changed; 1... ♘a5 **b** 2. ♖d4♠ changed; 1... ♚xc5 2. ♚xc5♠ 1... ♙xd3

2. ♘xd3♠

Comments by Author:

Combination of the following themes:

• White Grimshaw ♘/♙ (rare) • Changed mates

• Franco-Russian (rare): Each of the thematic tries has a distinct harmful effect exploited by black refutations. The key collects all these weaknesses. • The first two themes involve that the three thematic keys are on the same square d3.

6027 - Luis Gomez Palazon

8/2N1pK2/p6p/4N1p1/1n1PkpB1/1Q2P3/1p6/5RRb

1...fxe3! 2.?♠

1. ♙e6? [2. ♙f5♠] 1... ♘d3 **b** 2. ♖xd3♠ **D** ma 1...fxe3! **a**

1. ♘e6? [2. ♘c5♠] 1...fxe3 **a** 2. ♙f5♠ **A** ma 1... ♘d3! **b**

1. ♘c4? [2. ♘d2♠] 1...fxe3 **a** 2. ♖xe3♠ **F** 1... ♘d3 **b** 2. ♖b7♠ **E** ma 1...b1=♘!

1. ♙h5! [2. ♙g6♠] 1...fxe3 **a** 2. ♚g4♠ **C** 1... ♘d3 **b** 2. ♖xd3♠ **D**

Dombrovskis (Paradoxe), Mats (suites) changé(e)s, Mat (suite) changé(e) au moins 2 fois, Clé ampliative (Winchloe)

Comments by Author: • Double Kharkov 2 • Dombrovskis (Paradoxe) • Zago-Threat

6028 - Giuseppe Sardella

2n5/8/R2B3R/1N3kPK/4pN1p/3nP1p1/1br3P1/5Q2

1. ♚a5! [2. ♘d4♠]

1... ♚c5 2. ♘xd3♠ 1... ♘c5 2. ♘e2♠ ← thematic, 1... ♘xf4+ 2. ♖xf4♠ 1... ♘e5 2. ♚f6♠

6029 - Pavel Murashëv

8/2n3pq/b2p1R2/3p3p/1PPk1B2/2p1RpN1/Q5NK/2b2B2

1... ♖d3 2. ♚xd3♠ **A** 1...dxc4 **a** 2.#?

1. ♖f2? [2. ♚e4♠ **B**] [♚d3?] - battery

1...dxc4 **a** 2. ♚d3♠ **A** - battery, Somov B2

1... ♙xe3 **b** 2. ♖xe3♠ ma 1...c2!

1. ♚xd6? **X** [2. ♙e5♠]

1... ♖e4 2. ♚xe4♠ **B** - pin mate [1...dxc4?]

1...fxg2 2. ♘e2♠ 1... ♖f5 2. ♘xf5♠ ma 1... ♙xe3! **b**

1. ♚f5! [2. ♚d3♠ **A**]

1...dxc4 **a** 2. ♚e4♠ **B** [1... ♖e4?]

1... ♙xe3 **b** 2. ♙xe3♠ 1... ♙xc4 2. ♖a7♠ 1... ♖xf5 2. ♘xf5♠

Comments by Author:

- Themes Le Grand (new scheme) and Shedey Double – new synthesis
- Changed 2 mates, transferred 2 mates, Kharkov 2.

6030 - Pavel Murashëv

2n4r/5B2/p1r1nBR1/3p1kp1/Q1b2Np1/3RP1P1/5N1p/7K

1. ♖d1? [2. ♖xg4♠ **A**] ma 1... ♜h4!

1. ♖c2? [2. ♜xd5♠ **B**] 1... d4 2. e4♠ **C** 1... ♙xd3 **a** 2. ♖xd3 ma 1... ♜d4!

1. ♖a5? [2. e4♠ **C**]

1... ♙b5 2. ♜xd5♠ **B** 1... ♙xd3 **a** 2. ♖xd5♠ 1... ♜d6 **b** 2. ♙xe6♠ 1... ♜c5 2. ♙xe6♠ ma 1... ♜c5! **c**

1. ♜xd5! [2. e4♠ **C**]

1... ♙xd5+ 2. ♜xd5♠ **B** 1... ♙xd3 **a** 2. ♖xg4♠ **A** 1... ♜d6 **b** 2. ♜e7♠ 1... ♜c5 **c** 2. ♖xg5♠

Comments by Author:

- Pseudo-le Grand double + Shedey themes. • Changed 2 mates.

6031 - Eligiusz Zimmer

8/8/8/pp6/kB6/8/1K6/n3Q3

1... axb4 2. ♖xa1♠

1. ♖c3? [2. ♖a3♠] ma 1... axb4!

1. ♖e3! [2. ♖a3♠]

1... ♜c2 2. ♖b3♠ 1... ♜b3 2. ♖xb3♠ 1... ♜xb4 2. ♖d4♠ 1... axb4 2. ♖a7♠ changed mate

1. ♖e6? tempo, 1... axb4 2. ♖a2♠ 2. ♖a6♠ ma 1... ♜xb4!

6032 - Virginio Cabrera

8/1NpK2B1/3pP3/ppPk2p1/3pp3/5p2/NP2BR1Q/8

1. ♜xd6? [2. ♖e5♠] 1... cxd6 **a** 2. ♖xd6♠ **A** ma 1... ♜xc5!

1. ♙xb5? Tempo, 1... c6 **b** 2. ♖xd6♠ **A** ma 1... e3!

1. ♖h3? [2. ♖f5♠] 1... fxe2 **c** 2. ♖b3♠ **B** ma 1... d3!

1. b3! Tempo

1... c6 **b** 2. ♖xd6♠ **A** 1... fxe2 **c** 2. ♖f5♠ **C**

1... dxc5 2. ♖e5♠ 1... a4 2. ♜b4♠ 1... b4 2. ♙c4♠ 1... g4 2. ♖h5♠ 1... d3 2. ♜c3♠ 1... e3 2. ♙xf3♠

Mats (suites) échangé(e)s; Mats (suites) transféré(e)s (Winchloe)

Comments by Author: • Theme Abdulayiev

6033 - Germán Bielefeldt & Virginio Cabrera

2b5/3Q4/p2p1b2/2R1N1B1/4k3/2P5/N3K1Pn/n2B3R

1. ♜f3! [2. ♜d2♠]

1... ♜b3 2. ♙c2♠ 1... ♜f1 2. ♜h4♠ 1... ♜xf3 2. gxf3♠ 1... ♙xc3 2. ♜xc3♠

1... ♙xg5 2. ♖a4♠ 1... d5 2. ♖xd5♠ 1... dxc5 2. ♖d3♠

6034 - Giuseppe Sardella

3N4/nPn2P2/p2B4/R2BP3/2pkpK2/N2b2R1/1P6/8

1. ♙c6? [2. ♙c5♠]

1... ♜xc6 2. ♙xc6♠ 1... ♜cb5 2. ♜e6♠ 1... ♜d5+ 2. ♜xd5♠

1... ♜e6+ 2. ♜xe6♠ ma 1... ♜ab5!

1. ♙e6? [2. ♙c5♠]

1... ♜ab5 2. ♜c6♠ 1... ♜d5+ 2. ♜xd5♠ 1... ♜xe6+ 2. ♜xe6♠ ma 1... ♜cb5!

1. ♙xc4! [2. ♙c5♠]

1... ♜ab5 2. ♜c6♠ 1... ♜cb5 2. ♜e6♠ 1... ♜d5+ 2. ♜xd5♠

1... ♜e6+ 2. ♜xe6♠ 1... ♙xc4 2. ♜c2♠

6035 - Germán Bielefeldt

4B3/4p1R1/4kp2/1N1p4/3Kb3/1Q3p2/5P2/8

1. ♖d6! tempo

1... ♖xd6 2. ♖b6‡ 1... exd6 2. ♖d7‡ 1... f5 2. ♖g6‡ 1... ♖~ 2. ♖xd5‡

Key give and take

6036 - Antonio Tarnawiecki

2n1r3/3b1rP1/P1p1B3/P3P1P1/3kp3/1KpNRpP1/8/2BR4

1. ♖c4! [2. ♖f4+ ♖xe5 3. ♖g6‡ 2... ♖c5 3. ♖a3‡]

1... ♖e6! 2. ♖f2+ ♖xe5 3. ♖g4‡ 2... ♖c5 3. ♖a3‡

1... ♖e7! 2. ♖c5+ ♖xe5 3. ♖xd7‡ 2... ♖xc5 3. ♖a3‡

1... ♖f5! 2. ♖e1+ ♖xe5 3. ♖xf3‡ 2... ♖c5 3. ♖a3‡

1... ♖f6 2. ♖c5+ ♖xe5 3. ♖xd7‡ 2... ♖xc5 3. ♖a3‡

1... ♖xg7 2. ♖e1+ ♖xe5 3. ♖xf3‡ 2... ♖c5 3. ♖a3‡

1... c2 2. ♖de1 [3. ♖b2‡]

Batterie di Siers

6037 - Victor Yuzyuk

2n2qQK/3P3R/3k4/1PR2n2/3P2B1/4N3/8/8

a) 1. ♖xf5+!

1... ♖xf5 2. dxc8=♖+ ♖xc8 3. ♖f8+ ♖xf8‡

b) 1. dxc8=♖+!

1... ♖xc8 2. ♖xf5+ ♖xf5 3. ♖f8+ ♖xf8‡

Comments by Author:

• Rundlauf by Queen in both directions.

6038 - Uberto Delprato

5k2/3R2b1/1p2p3/1r1P1bp1/2P1p3/2P2P2/1p2Q2P/1K6

1. ♖xc3 ♖xb2 2. ♖b4 ♖h8‡ 1. ♖xd5 ♖xe4 2. ♖d3 ♖a8‡

Comments by Author:

Due soluzioni analoghe, con cambio delle inchiodature/schiodature da ortogonali a diagonali.

In entrambe le soluzioni viene eliminato un primo pezzo che ostruisce la linea di matto, dopo di che la Donna Bianca raggiunge la linea per dare matto, autoinchiodandosi.

Il pezzo che aveva eliminato il primo ostacolo schioda la Donna bianca liberando la linea per il Matto. I due Matti vengono somministrati su angoli opposti della scacchiera e usando le lunghe diagonali.

6039 - Ioannis Kalkavouras

1R4B1/1b6/1n2p1p1/3P3p/6pQ/1k2NP1R/1P6/1K6

a) 1. ♖xd5 fxf4 2. ♖xe3 g5= b) 1. ♖xd5 ♖xg4 2. ♖xf3 ♖h6=

Zilahi; Pat par clouage (Winchloe)

6040 - Stanislav Hudak

8/8/7P/3B1k2/3K3R/7b/6P1/2B5

1. ♖xg2 ♖h3 2. ♖g4 ♖e6‡ 1. ♖g6 ♖e4 2. ♖h5 ♖f7‡

6041 - Stanislav Hudak

8/7b/1b2K3/8/3pk3/7P/5PP1/n3N3

1. ♖c7 ♖d3 2. ♖f4 ♖c5‡ 1. ♖c2 g3 2. ♖e3 f3‡ 1. ♖f4 ♖f6 2. ♖e4 g3‡

6042 - Eligiusz Zimmer

8/p1kr4/B4P2/8/2K5/8/4R3/8

a) 1. ♖c6 ♖c8 2. ♖c7 ♖e6‡ 1. ♖d8 ♖c5 2. ♖d7 ♖e7‡

b) 1. ♖b6 ♖f2+ 2. ♖a5 ♖a2‡ 1. ♖b8 ♖a5 2. ♖b7 ♖e8‡

6043 - Dmitro Grinchenko

6K1/8/5k2/5P2/8/Br2nN2/2bn3r/5R2

1. ♖h5 ♖h1 2. ♜xf5 ♜h6‡ 1. ♜b5 ♜b1 2. ♜xf5 ♜b6‡
1. ♘xf3 ♘f8 2. ♘e5 ♙e7‡ 1. ♘e4 ♘e5 2. ♘g5 ♘d7‡

Bristol bicolore

6044 - Mikola Vasyuchko & Mikhaïlo T. Galma

3R4/7K/8/7B/3b1kn1/8/8/6B1

a) 1. ♘e5 ♙g4 2. ♘e4 ♜xd4‡ b) 1. ♙e5 ♜d4+ 2. ♘f5 ♙xg4‡

Comments by Authors:

- Exchange of functions (bBd4/bSg4, Captured / Self-block)
- Exchange of functions (wBh5/wRd8, Guard / Mate)
- Exchange of moves (W1/W2) • Play on the same square (B1, 2)
- Choice of move order (B1, capture avoidance, white-black) × 2
- Chumakov theme (b-s, simplified, 2, 2)
- Ideal mate × 1 • Model mate × 1

View in Helpmate Analyzer

6045 - Mikola Vasyuchko & Mikhaïlo T. Galma

1n5R/bN6/k5B1/p7/2K5/8/8/1q6

1. ♜xg6 ♜h6 2. ♜b6 ♘c5‡ 1. ♘xb7 ♙xb1 2. ♘a8 ♙e4‡

Comments by Authors:

- Annihilation × 2 • Anticipatory self-pin
- Exchange of functions (wBg6/wSb7, Captured / Mate)
- Hesitation (bQ) • Hesitation (wB)
- Leibovici interference (bQ-bB)
- Reciprocal captures (bQ/wB)
- Zilahi (passive, BS, 2) • Model mate × 2 • Pin-mate × 2

View in Helpmate Analyzer

6046 - Stefan Parzuch

3rkb2/2p1q2N/p1r1R1p1/Kn6/4P3/8/2b5/8

a) 1. ♘d6 e5 2. ♘f7 ♘f6‡ b) 1. ♜cd6 ♜e5 2. ♜6d7 ♙xg6‡

Comments by Author:

- a) 1. ♘d6 e5 tempo (♜e5?) 2. ♘f7 ♘f6≠
b) 1. ♜cd6 ♜e5 tempo (e5?) 2. ♜6d7 ♙xg6≠

6047 - Stanislav Hudak

8/3p4/7p/2k5/8/2p3P1/8/2BK2R1

1. ♘d6 ♜f1 2. ♘e7 ♙a3+ 3. ♘e8 ♜f8‡
1. c2+ ♘xc2 2. ♘b4 ♙d2+ 3. ♘a3 ♜a1‡

Comments by Author: Helledie theme

6048 - Stanislav Hudak

8/4p3/3pkb1p/3ppnp1/4B1p1/8/7K/1b6

1. ♘g3 ♙f3 2. ♙g6 ♘xg3 3. ♙f7 ♙xg4‡
1. h5 ♙d3 2. ♘h6 ♙a6 3. ♘f7 ♙c8‡**6049 - Eligiusz Zimmer**

4nrrR/B3bp2/5p2/3k1pn1/3Ppp2/8/b5K1/8

a) 1. e3 ♙b8 2. ♘e4 ♙xf4 3. ♘xf4 ♜h4‡
b) 1. ♘e5 ♜h6 2. ♙e6 ♜xf6 3. ♘xf6 ♙d4‡

Zilahi, Echo diagonal-orthogonal, Knies, Auto-blocage préventif, Sacrifice blanc, Mats modèles (Winchloe)

6050 - Eligiusz Zimmer

1RK5/p3p3/8/2P2p2/2k5/8/8/8

a) 1.a5 ♖b7 2.♖b5 ♖a8+ 3.♖a6 ♜b6‡ b) 1.e5 ♖d7 2.♖d5 ♖e8+ 3.♖e6 ♜d6‡

Auto-blocage préventif, Anderssen (Winchloe)

6051 - Nikola Vasyuchko & Mikhailo T. Galma

K7/5p1p/5P2/5R2/3Pkr2/4p1P1/5B2/2b5

a) 1.♜xf2 ♖b7 2.♜d2 ♖c6 3.♜d3 ♜f4‡ b) 1.♜xf5 g4+ 2.♖g5 ♖g3 3.♖h6 ♜xf4‡

Comments by Authors:

- Exchange of functions (wBf2/wRf5, Captured / Mate)
- Reciprocal captures (bR/wB)
- Zilahi (passive, RB, 2) • Model mate × 2
- Mates on the same square × 2

View in Helpmate Analyzer

6052 - Vladimír Koci

8/3B4/4p2p/3rb3/4b3/p3kp2/1B6/K4n1r

1.♖g3 ♖g7 2.e5 ♖h3 3.♖f4 ♖xh6‡ 1.♜d4 ♖e8 2.♖d5 ♖c1+ 3.♖e4 ♖g6‡

6053 - Mario Parrinello, Marco Guida, Francesco Simoni

1n4K1/6P1/ppBppBb1/b1pnr3/8/3k1p2/1p1rp3/8

Bristol bianco anticipato preceduto da apertura di linea e seguito dal sacrificio nero per consentire la promozione a ♖ e interferenza nera.

Scambio di funzioni x 2 (♖f6/♖c6; ♜e5/♜d5).

[In each position, line opening to enable anticipatory white Bristol, black sacrifice to enable white promotion and black interferences.

2x exchange of functions across the two positions:

- Bf6 and Bc6: Bristol line clearance - flight square control;
- Re5 and Sd5: line opening and sacrifice - black interference.]

6054 - Fabio Magini

K7/3r4/4n3/3R4/8/4kb2/8/8

1.♖e2 ♜b5 2.♜d2 ♖b7 3.♖d3 ♖c6 4.♜d4+ ♖d5 5.♜c2 ♜b3‡

Comments by Author:

- Anticipatory interference (black-black)
- Check prevention (black-white)
- Ideal mate • Miniature • Minimal • Aristocrat

View in Helpmate Analyzer

6055 - Daniele Gatti

4NBB1/2Q1PpnN/4RK1k/3P3r/7R/8/2p1p1pP/8

1.♜h3 c1=♖ 2.♖f4+ ♜xf4‡ 1.d6 e1=♖ 2.♖xf7+ ♜xe6‡ 1.♜d6 g1=♖ 2.♖xg7+ ♜xg7‡

Comments by Author:

In each variation, White loses control on a guarded square and both White final check + Black checkmate occur on that square.

6056 - Václav Kotesovec

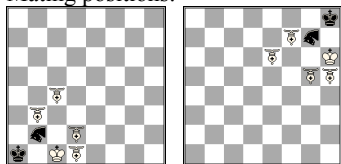
8/3k^B3/8/8/^B1^B<n4/8/^B1K5/8

1.♜d5 ♖c6 2.♜e6 ♜b3 3.♜b7 ♜a6 4.♜d1 ♜a7 5.♜d5 ♖c5 6.♜b4 ♖d4 7.♖b1 ♖c3 8.♜d2 ♖b3 9.♖c1 ♖a2 10.♜c4 ♖a1 11.♜b3 ♜b2‡ 1.♜e8 ♜c6 2.♜d3 ♖c8 3.♖e4 ♜b7 4.♖f5 ♜b8 5.♖g6 ♖d7 6.♜h5 ♖e6 7.♜h6 ♖f6 8.♜g5 ♖f7 9.♜d5 ♖g8 10.♜e6 ♖h8 11.♜f7 ♜g7‡

Comments by Author:

- C+, Alybadix **36h 25m** (!! NdR) • Exact echo

Mating positions:

**6057 - Anatoly V. Styopochkin**

R7/KN5r/PNp1P3/4b3/3k4/3P3Q/8/6q1

a) 1. ♖d5 ♜xd5+ 2. d4 ♜xd4 3. ♚d3+ ♜xd3‡ b) 1. ♖d6 ♜xd6+ 2. e7 ♜xe7 3. ♚e6+ ♜xe6‡
 Черно-белый «ушёл-пришёл» и бело-белый «ушёл-пришёл».

Диагонально-ортогональное эхо. Правильные маты.

Black and white "gone-came" and white and white "gone-came". Diagonal-orthogonal echo.

Model mates.

6058 - Sébastien Luce

Gare...à la Dame noire !

8/8/8/8/8/6Kp/8

1... h1=♚+ 2. ♚g3(+g2) ♚h2+ 3. ♜f4(+g3) ♚h1(+h2) 4. ♜f3(+f4) gxh2 5. ♜f2(+f3) g1=♙+
 6. ♜f1(+f2) ♚g2‡

Comments by Author: Sentinels in opponent pawn. After the promotion to black Queen, a switchback h2-h1 provokes the apparition of a white sentinel in h2. It will be essential to be captured on move four by a black sentinel, creating a jail for black Queen, forced at the end to mate white King, also incarcerated in f1.

6059 - Nikolaj Zujev

8/4p3/7p/7k/2nNr2P/5KR1/6P1/8

a) 1... ♚e3+ 2. ♜f4 ♜xh4 3. ♖f5+ ♜h5 4. ♚g5+ hxg5‡

b) 1... ♚e6 2. ♜f4 ♚g6 3. ♖f3 e6 4. g4+ ♚xg4‡

6060 - Michal Dragoun

7K/5>B2/4P3/>RP1N4/pP1k3n/6N1/3rp>r2/1B1r>r>b2

1. PAxe6 ♖f5+ **A** 2. ♜e5 b6‡ **B**

1. Vxb5 ♖xe2+ **C** 2. ♜c4 e7‡ **D**

1. ♚c2 b6 **B** 2. ♚c4 ♖xe2‡ **C**

1. ♖f3 e7 **D** 2. ♖e5 ♖f5‡ **A**

Comments by Author:

2+2 solutions unified by fourfold cycle of white moves. In I and II distant self-blocks and mates by Chinese batteries, in III and IV two-move black manoeuvre for self-block of one free square (with simultaneous unguard of a mating square) and white gate-opening guarding the second one.

6061 - Hans Nieuwhart

4b3/3B4/8/6k1/8/3R4/8/1K6

1. ♙f7 ♙f5 2. ♙a2+ ♜xa2(♜f7) 3. ♜xf5(♜h7) ♚h3‡

1. ♜f6 ♙e6 2. ♙d7 ♜c2 3. ♜xe6(♜a2) ♚xd7(♚a4)‡

6062 - L'ubos Kekely

1Q5K/8/4p1p1/1pp1P2p/7P/1Pk5/8/^q7

1. b4 2. bxc5 3. c6 4. c7 5. c8=♙ 6. ♙xe6 7. ♙g8 8. e6 9. e7 10. e8=♚ 11. ♚exb5 12. ♚xh5 13. ♚h7

14. h5 15. hxg6 16. g7 17. ♚b4+ ♜xb4‡

Comments by Author: Meredith. Minor promotion. Clearing of the line. Model mate from battery.

6063 - L'ubos Kekely

8/kP1P4/8/8/2p3p1/2Pp2P1/1p3p2/1K4B1

1.b8=♖ & 1.d2 2.d1=♘ 3.♘e3 4.f1=♙ 5.♙g2 6.♙b7 7.♙c8 dxc8=♚=

Comments by Author:

b7-b8=♚, then 1.d3-d2 2.d2-d1=♘ 3.♘d1-e3 unpin 4.f2-f1=♙ selfpin 5.♙f1-g2 6.♙g2-b7 7.♙b7-c8 d7xc8=♚=

Meredith. Pin stalemate. AUW.

6064 - L'ubos Kekely

8/2k5/1R2P3/1p3P2/6B1/1K2p3/4P3/8

1.♘d8 2.♙e7 3.♙f6 4.♙g5 5.♙xg4(♙f1) 6.♙g3 7.♙f2 8.♙xf1 9.♙xe2 10.♙d2 11.e2 12.e1=♚ 13.♚xc6(e2) 14.♚xb6(♚a1) 15.♚f6 16.♚xf5(f2) 17.♚e5 18.♚xe2 ♚d1‡

Comments by Author:

Meredith. Minor promotion. Model mate.

6065 - L'ubos Kekely

2k5/8/P3K3/B1p2p2/2P2PN1/PP6/3P2P1/4N3

1.♙b8 2.♙a7 3.♙xa6 4.♙xa5 5.♙b6 6.♙c7 7.♙d8 8.♙e8 9.♙f8 10.♙g7 11.♙g6 12.♙h5 13.♙h4 14.♙g3 15.♙xf4 16.♙e4 17.f4 18.f3 19.f2 20.fxe1=♚ 21.♚c1 22.♚xc4 23.♚d4 24.c4 25.c3 26.c2 27.c1=♙ 28.♙xa3 29.♙d6 30.♙f4 ♘f2‡

Comments by Author:

Walk of black king. Minor promotions. Model mate.

6066 - L'ubos Kekely

K3N3/3p3^Q/B2P4/2P3k1/8/2P5/7B/4^QN2

1.♙g6 2.♙f7 3.♙xe8 4.♙f7 5.♙e6 6.♙d5 7.♙xc5 8.♙b6 9.♙xa6 10.♙b5 11.♙c4 12.♙d3 13.♙e2 14.♙xf1 15.♙g2 16.♙xh2 17.♙g3 18.♙f4 19.♙e5 20.♙xd6 21.♙c6 22.d5 23.d4 24.dxc3 25.c2 26.c1=♚ 27.♚c7 28.♚c5 29.♙d6 30.♚e7 31.♙c7 32.♙d8 ♙b8=

Comments by Author

1.Kg5-g6 2.Kg6-f7 3.Kf7*e8 and back 4.Ke8-f7 5.Kf7-e6 6.Ke6-d5 7.Kd5*c5 8.Kc5-b6 9.Kb6*a6 and back again 10.Ka6-b5 11.Kb5-c4 12.Kc4-d3 13.Kd3-e2 14.Ke2*f1 15.Kf1-g2 16.Kg2*h2 and back again 17.Kh2-g3 18.Kg3-f4 19.Kf4-e5 20.Ke5*d6 21.Kd6-c6 22.d7-d5 23.d5-d4 24.d4*c3 25.c3-c2 26.c2-c1=G 27.Gc1-c7 28.Gc7-c5 29.Kc6-d6 30.Gc5-e7 31.Kd6-c7 32.Kc7-d8 Ka8-b8 = Meredith. Very long walk of black king with returns. Excelsior.

Minor promotion. Ideal stalemate.

6067 - Sébastien Luce*Two promotions behind a triangle*

8/8/2>Qpp3/3pp3/4p3/7k/8/7K

1...ELe7 2.d4 ELf5 3.exf5(ELf8) ELd5 4.d3 ELc2 5.dxc2(ELc8) ELg5 6.c1=C ELb1 7.Ce2 ELxe5(e7) 8.dxe5(ELe8) ELf6 9.exf6(ELf8) ELg5 10.fxg5(ELg8) ELh4 11.gxh4(ELh8) ELd5 12.Cg3+ Rg1 13.e3 ELf6‡

1...ELxe5(e7) 2.dxe5(ELe8) ELf6 3.exf6(ELf8) ELg5 4.fxg5(ELg8) ELd6 5.d4 ELxe4(e7) 6.d3 ELd6 7.exd6(ELd8) ELg4 8.Rxg4(ELg8) ELf4 9.exf4(ELf8) ELd5 10.d2 ELc7 11.d1=D+ Rg2 12.De1 ELd5 13.Dh4 ELc7‡

A lot of reciprocal captures and rebirths in this problem (15 is the total).

During the solutions, the Moose executes a rundlauf g5-g5 in the first variation, d5-d5 in the second. Promotion to Knight in the first variation, (to Rook or Queen would mate white King !), also to self-block g3 after. More surprising to Queen with check in the second variation, allowing white King to move to g2, then black Queen self-blocks h4 in two steps. At the end the Moose mates, controlling g4 in the first variation, f5 and h5 in the second. The mates are model.

6068 - Jean Carf

8/6k1/B4p2/3p3b/3Pn2P/p2K4/PP6/8

1. ♖c2 2. ♙d3 3. ♙xe4 4. ♙xd5 5. ♙f7 6.d5 7.d6 8.d7 9.d8=♔ 10. ♔g8+ ♖h6 11. ♔f8+ ♖h7
 12. ♙e6 13. ♙f5+ ♙g6 14. ♖b1 ♙xf5‡

6069 - Oleg V. Paradzinsky

8/8/8/4bkp1/2R3b1/3K4/8/8

1. ♙b8 ♔c8 2. ♖f4 ♔f8‡ 1. ♙h2 ♔c2 2. ♖f4 ♔f2‡

6070 - Oleg V. Paradzinsky

6b1/8/8/4bkp1/2R5/3K4/8/8

1. ♙h7 ♔h4 2.g4 ♔h5+ 3. ♖f4 ♔f5‡ 1. ♙g6 ♔g4 2. ♖h7 ♔xg5 3. ♖h8 ♔h5‡

6071 - Jean Carf

1R1N4/6p1/8/8/1p2pk2/7p/4p2P/4K3

1. ♖c6 2. ♔h8 3. ♔xh3 4. ♔h7 5.h4 6.h5 7.h6 8.hxg7 9.g8=♔ 10. ♔f7+ ♖e3 11. ♔g4 12. ♔f3+
 exf3 13. ♖xb4 f2‡

Comments by Author: Meredith; Dégagement de la colonne h; Excelsior blanc

6072 - Sébastien Luce

8/8/1N6/4kn2/8/>Q7/8/8

1. ♖d6 ♖d5 2. ♖xd5(♖e5) LOxd6-e7(♖a3) 3. ♖c4 ♖xc4(♖e5) 4. ♖e6 ♖e3=

1. ♖e3 LOxe3-f3(♖a3) 2. ♖c2 ♖d5 3. ♖b4 ♖xb4(♖d5) 4. ♖e4 ♖c6=

Comments by Author:

Pin "by the back", frontal in the first variation, diagonal in the second. Model stalemates.

6073 - Sébastien Luce*All ways lead to Rome*

4k2r/6p1/8/8/6K1/8/7^Q

1.0-0 ♖h4 2. ♖h7 ♖h5 3. ♔g8 ♔h6 4.gxh6(♔h8) ♖h4 5.h5 ♔h6 6. ♖h8 ♖xh5(h7)‡

1. ♔h5 ♔h6 2.gxh6(♔h8) ♔xh5(♔a8) 3. ♖f8 ♖h4 4. ♖g8 ♔h3 5. ♖h8 ♖h5 6. ♔g8
 ♔xh6(h7)‡

Comments by Author: Two different solutions reaching to the same position. In the first variation castling and white King switchback h4-h5. Kozhakin in the second. In both variations, exchange of first and third white move. Linear rundlauf by the Grasshopper and mate by Davaine (self-block of the captured piece by the mating move).

6074 - Sébastien Luce*Une montée et une descente pour Roméo Bédoni*

8/6pp/5pp1/3ppp2/2PPP3/1PP5/PP6/8

a) 1.dxc4 a3 2.cxb3 a4 3.exd4 a5 4.dxc3 a6 5.c2(PB) a7(PN) 6.a6 cxb3 7.a5 b4 8.axb4 b3 9.f4 e5
 10.f3 e6 11.f2(PB) e7(PN) 12.e5 f4 13.e4 f5 14.e3 fxg6 15.e2(PB) e4 16.f5 exf5 17.hxg6 fxg6=
 b) 1.a5 dxe5 2.a4 exd5 3.a3 dxc6 4.a2(PB) a4 5.b5 axb5 6.bxc6 bxc6 7.c4 c7(PN) 8.c3 e6
 9.c2(PB) c4 10.c5 e7(PN) 11.e6 f5 12.e5 f4 13.exf4 f6 14.fxg3 f7(PN) 15.f6 hxg3 16.f5 g4
 17.fxg4 g3==

Comments by Author: In Changeants, pawns reaching the original rank of the opponent pawns change their colour. So you will not see any promotion, but a long "ballet" of pawns, climbing and descending. At the end, only two survivors remain for each side, face to face. Roméo Bédoni is the inventor of many fairy pieces and conditions. ABC is the most well known.

Final positions: a) White: Pg6b3, Black: Pg7b4 b) White: Pc4g3, Black: Pc5g4

6075 - Jean-François Carf

8/8/8/1p6/kP1p4/pp2p3/r3P2B/R2K4

1. ♙e5 2. ♙xd4 3. ♙xe3 4. ♙d2 5.e4 6.e5 7.e6 8.e7 9.e8=♖ 10. ♖d6 11. ♖c4 12. ♖xa3 13. ♖c4
 14. ♖b2+ ♖a3 15. ♖c1 ♔xa1‡

A NEW FAIRY CONDITION: CAPTURE & EXCHANGE

by Mario PARRINELLO

Among all fairy conditions, those involving captures are always appealing and as we all know there are many ways of fairy captures. Many ways does not always mean that the possibilities are exhausted and therefore I wish to show you a new one...

Some may critics and asks: why another fairy condition? I answer with another question: why not? Freedom of composing expression is the basis of the fairy genre and therefore the greater the possibilities, the greater the opportunities for inspired composers to show new ideas and hopefully new masterpieces.

Hence here is the following fairy condition which I called *Capture&Exchange* (from now on *C&E*) since it immediately summarizes the essential rules of movements.

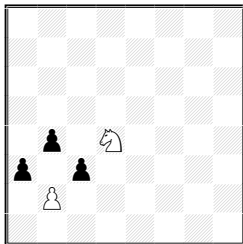
I suggest the following definition of *C&E*: *when a piece X (including King) captures an enemy unit (including King), it must exchange place with another piece Y controlled from the square where the capture occurs (in case of own piece) or threatened from the square where the capture occurs (in case of an enemy unit); the captured piece disappears. The exchange of places is compelling otherwise the capture is illegal.*

When a pawn captures on its promotion rank, it promotes at capturing side's choice and then must exchange its place with another piece.

A white pawn on its 1st rank or a black pawn on its 8th rank is immovable but since it is capturable and/or exchangeable it may take part in possible C&E moves.

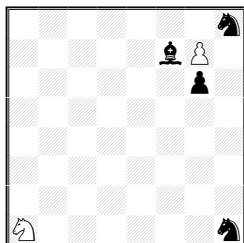
In other words, the complete capturing move consists of two parts: 1) the capture and 2) the exchanged places between piece X and Y; as mentioned above, the capture is illegal without exchanging places.

The definition could be not so clear, therefore better than 1000 words are diagrams! I provide some educational examples which I'm sure are rather clear, especially no.1-2, whereas no.3 and no.4 deserve a few words more; in example no.3, as expected, the wPb6 after the capture of the bPb7 promotes at capturing side's choice and exchanges its capturing square (b7) with that of the Sb8; the wBc2 after the capture of the bPa2 exchanges its place with that of the bPa2 which promotes at capturing side's choice here too. No.4 shows how complicated could be the motivations for the moves under this condition: the wQf4 provides a piece for exchanging purposes [Sxd5 (Sd5↔Qf4)]≠; in the mating position, the bQf8 cannot parry the check by 3.Qxe7 since she has not a piece to exchange with and the wBh3 controls square e6 since the bBc8 provides a piece to exchange with [3.Ke6?? Bxe6 (Be6↔Bc8)].



← Example no.1

- 1.bxa3 (wPa3↔bPb4)
- 1.bxc3 (wPc3↔bPb4)
- 1.bxc3 (wPc3↔wSd4)
- 1...axb2 illegal
- 1...cxb2 illegal



← Example no.2

1.gxh8=Q (Qh8↔bSh1)

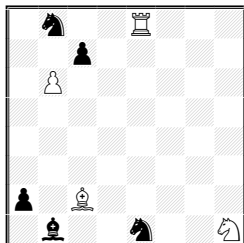
1.gxh8=Q (Qh8↔wSa1)

1.gxh8=R (Rh8↔bSh1)

1.gxh8=B (Bh8↔wSa1)

1.gxh8=S (Sh8↔bBf7)

1.gxh8=S (Sh8↔bPg6)



← Example no.3

1.Rxe1 (Re1↔bBb1)

1.Rxe1 (Re1↔wSh1)

1.bxc7 (c7→b8=Q↔Sb8)

1.bxc7 (c7→b8=R↔Sb8)

1.bxc7 (c7→b8=B↔Sb8)

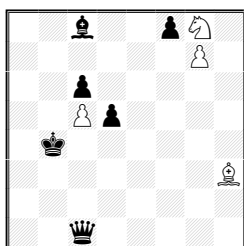
1.bxc7 (c7→b8=S↔Sb8)

1.Bxb1 (Bb1↔bPa2=bQb1)

1.Bxb1 (Bb1↔bPa2=bRb1)

1.Bxb1 (Bb1↔bPa2=bBb1)

1.Bxb1 (Bb1↔bPa2=bSb1)



← Example no.4

H≠2

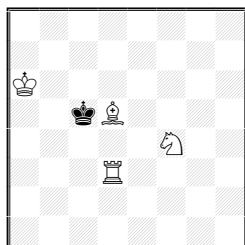
1.Qf4 gxf8=Q (Qf8↔Qf4) 2.Kxc5 (Kc5↔d5) Se7#

I think this fairy condition is very dynamic and powerful since it involves three pieces, the capturing piece, the captured and the exchanging ones which should hopefully allow dynamic and interesting strategic realisations.

I welcome any feedback from interested readers (please write to me at mario_parrinello@virgilio.it) and hope Popeye's team, Christian Poisson for WinChloe and François Labelle for Jacobi (for fairy PGs) are interested in implementing this condition in their solving programs.

August 2025, **M. Parrinello**

Affermazioni Italiane (Italian Award Winners)



← **Alberto Armeni** - 1st Prize, Cirtan 2024

8/8/K7/2kB4/5N2/3R4/8/8

≠4 (4+1) C+

1. ♖d1? tempo

1... ♜b4 2. ♖c1 [3. ♘d3+ ♜a3 4. ♖a1♯
3... ♜a4 4. ♖a1♯] ♜a3 3. ♘d3 [4. ♖a1♯] ♜a4 4. ♖a1♯
2... ♜a4 3. ♘d3 [4. ♖a1♯] ♜a3 4. ♖a1♯ ma 1... ♜d6!

1. ♗e3? tempo

1... ♜b4 2. ♜b6 ♜a4 3. ♜c5 ♜a5 4. ♖a3♯
1... ♜d6 2. ♜b6 ♜d7 3. ♘c6+ ♜d6 4. ♖e6♯
3... ♜c8 4. ♖e8♯ 3... ♜d8 4. ♖e8♯ ma 1... ♜d4!

1. ♘e2? tempo

1... ♜b4 2. ♜b6 [3. ♖b3+ ♜a4 4. ♘c3♯] ♜a4 3. ♜c5 ♜a5 4. ♖a3♯
ma 1... ♜d6!

1. ♙h1? tempo

1... ♜c4 2. ♜a5 ♜c5 3. ♘e2 ♜c4 4. ♖c3♯ ma 1... ♜b4!

1. ♙b3? tempo

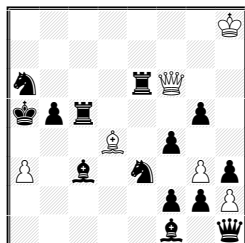
1... ♜c6 2. ♖d4 ♜c5 3. ♘e6+ ♜c6 4. ♙a4♯
2... ♜c7 3. ♘e6+ ♜c6 4. ♙a4♯
3... ♜b8 4. ♖d8♯ 3... ♜c8 4. ♖d8♯ ma 1... ♜b4!

1. ♙g8? tempo

1... ♜b4 2. ♜b6 ♜a4 3. ♜c5 ♜a5 4. ♖a3♯ ma 1... ♜c6!

1. ♙f7! tempo

1... ♜b4 2. ♜b6 ♜a4 3. ♜c5 ♜a5 4. ♖a3♯
1... ♜c6 2. ♖d4 ♜c5 3. ♘e6+ ♜c6 4. ♙e8♯
2... ♜c7 3. ♘e6+ ♜c6 4. ♙e8♯
3... ♜b8 4. ♖d8♯ 3... ♜c8 4. ♖d8♯



← **Francesco Simoni**

3rd Prize, 265° T.T. SuperProblem 2022

7K/8/n3rQ2/kpr3p1/3B1p2/P1b1n1Pp/5ppP/5b1q

H≠2 (6+14) C+ b) ♜a5→g1

a) 1. ♖c4 ♜xe6 2. ♖a4 ♜b6♯ (♜b6♯?)

1. ♖e4 ♙xc5 2. ♖a4 ♙b6♯ (♜b6♯?)

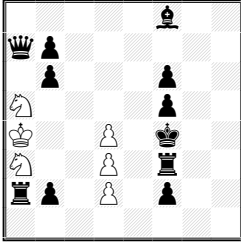
b) 1. ♘g4 ♜xf4 2. ♘h2 ♜xf2♯ (♙xf2♯?)

1. fxg3 ♙xe3 2. gxh2 ♙xf2♯ (♜xf2♯?)

Comments by Author: The pieces of a white half-pin defend each other in the mating moves.

One of two black units, in turn, moves twice: at B1 to open a gate to one of the half-pinned pieces, and then, at B2, to self-block.

The second half-pinned white piece, in turn, captures the other black unit at W1 to guard the mating square and then to mate.



← Francesco Simoni

1st Hon. Mention, SuperProblem 2023

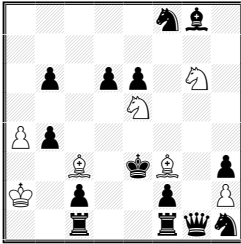
5b2/qp6/1p3p2/N4p2/K2P1k2/N2P1r2/rp1P1p2/8

H≠4 (6+11) C+

1. ♖b4 ♖b5 (♖b3) 2. ♙xd2 ♘b3 3. ♙e3 ♘c1 4. f4 (♙f4?) ♘c2♯
1. ♙c5 ♖b3 (♖b5?) 2. ♙xd4 ♘b5 3. ♙e5 ♘c7 4. ♙f4 (f4?) ♘c4♯

Comments by Author:

A black unit moves twice to selfblock a distant square. The capture of a white unit at B2 allows the bK to move at B3 and specifies the order of black moves. Indirect white self-unpin with dual avoidance (in his move, the white king must not prevent the next move by the unpinned knight. Model mates.



← Francesco Simoni

1st Prize, 9th T.T. Fédération Royale Marocaine des Echecs 2023

5nb1/8/1p1pp1N1/4N3/PP6/2B1kB1p/K1p2p1P/2r2rq

H≠2 (7+14) C+

b) -♘e5 c) ♙g8-e1 d)=c) -♙c3

a) 1. dxe5 ♘h4 2. ♙f4 ♙d2♯ b) 1. ♖xf3 ♙e5 2. ♖g2 ♘h4♯

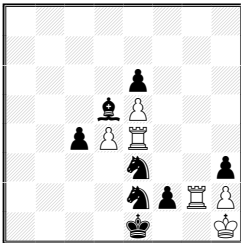
c) 1. bxc3 ♘f4 2. ♙d2 ♘c4♯ d) 1. ♙d4 ♘xf8 2. ♙c5 ♘xe6♯

Comments by Author: A W unit (♘e5) is captured at B1 in a). The same is removed to have the twin b). A different W unit (♙c3) is captured at B1 in c) and it is removed to have d).

HOTF in twin form.

• In a) c) there is the ZILAH theme, with distant blocks at B1.

• In b) d) the self-blocks are no longer possible, but the ♙e3 can move twice since a W controller has been removed.



← Francesco Simoni

9th T.T. Fédération Royale Marocaine des Echecs 2023

3rd-5th Commendation

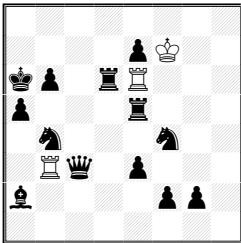
8/8/4p3/3bP3/2pPR3/4n2p/4npRP/4k2K

H≠2 (6+8) C+

1. ♘d1 ♙e3 2. f1=♘ ♙exe2♯

1. f1=♘ ♙f2 2. ♘d1 ♙fxe2♯

Scambio di mosse nere.



← Francesco Simoni - "The triumph of international law" 2024

4th Hon. Mention

8/4pK2/kp1rR3/p3r3/1n3n2/1Rq1p3/b4pp1/8

H≠2 (3+13) C+ b) ♙a6-f3

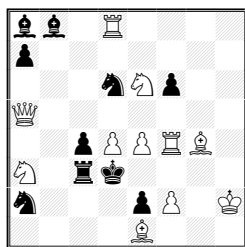
a) 1. ♘c6 ♙xd6 2. ♘a7 ♙dxb6♯ 1. ♙d7 ♙xb4 2. ♙a7 ♙bxb6♯

b) 1. ♙c8 ♙xe5 2. ♙g4 ♙exe3♯ 1. ♙g5 ♙xc3 2. ♙g4 ♙cxe3♯

Comments by Author: The pieces of a white half-pin defend each other in the mating moves. One of two black units, in turn, moves twice: at B1 to open a gate to one of the half-pinned pieces, and then, at B2, to self-block.

The second half-pinned white piece, in turn, captures the other black unit at W1 to guard the mating square and then to mate.

Ricostruzione



← **Philippe Robert** - (Ricostruzione 104, BP115, luglio 2025)
1st Prize, StrateGems 2001 - [riprodotto A138, Album FIDE 2001-03]
bb1R4/p7/3nNp2/Q7/2pPPRB1/N1rk4/n3pP1K/4B3

≠2 (11+10) C+

1. ♖f5? [2. ♜f3♯] 1... ♖b7 2.e5♯ ma 1... ♜xa3!

1.e5? [2. ♖c5♯ **A**] 1... ♖e4 **a** 2. ♜f3♯ **B**

1... ♖b7 2. ♜f5♯ ma 1... ♜e4!

1. ♜f5! [2. ♜f3♯ **B**] 1... ♖xe4 **a**, ♖d~ 2. ♖c5♯ **A**

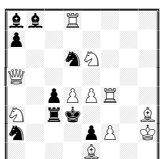
1... ♖b7 2.e5♯ 1... ♜xa3 2. ♖d2♯

• Le Grand • Changed Mates • Anti-Reversal • Reversal (Winchloe)

P. Zuvic



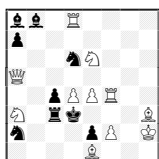
G. Bielefeldt,



J. A. Coello Alonso



V. Giurgean



I partecipanti a questa amichevole gara, dove non ci sono premi ovviamente, hanno inviato posizione simili all'originale, salvo qualche lieve spostamento di ♜ o ♞. L'unico a mettere il ♜f6 è stato Predrag Zuvic. Su questo pedone c'è un commento di JACA: *"Me gusto mucho el problema que reproduce una buena combinación Lender, pero me sorprendió que en los datos para su reconstrucción no se mencionase el ensayo 1. ♖e5? que amenaza 2. ♜f3 y ♖c5#, que incorpora el tema Barnes, y que supongo deberá estar presente en el conjunto temático."* All'amico José Antonio ho risposto che l'Autore non ha voluto usare questo tentativo, forse perché era sventato da una cattura violenta. Ricostruzione difficile a detta dei partecipanti.

Ricostruzione n. 105 - Ricostruire un problema ≠2 che abbia la seguente soluzione:

1. ♜b2! [2. ♖d4♯]

1... e5 2. ♖c3♯ 1... ♖f5 2. ♖f6♯ 1... c5 2. ♖b6♯ 1... ♜xd5+ 2. ♜xd5♯

1... b3 2. ♖b1♯ 1... f2 2. ♖h1♯ 1... ♜e3, ♜c3 2. ♖(x)e3♯ 1... ♖f7 2. ♖g6♯

Inviare (send to): **perseus@bestproblems.it**

(last available day for to send: **10/12/2025**)

A. Garofalo



← Author?

≠2

Un quiz trovato in un sito dove gioco a scacchi.

Divertitevi a trovare la soluzione.

Se qualcuno conosce l'autore, sarebbe mio piacere sapere chi è.



Awani Kumar, Lucknow, India

Enjoy! Rejoice!! Celebrate!!!

Christmas, which commemorates the birth of Jesus Christ, is an occasion of festivities and celebrations around the globe. It is celebrated on December 25. Besides get-togethers and parties, decorating the Christmas tree is a joyous activity. Postal authorities frequently come out with Christmas tree theme stamps and cards. The author plans to join the festivity and wishes to celebrate and commemorate 2025 Christmas with some interesting tours of fairy chess leapers, namely, zebra {2, 3} and giraffe {1, 4} on 12x25 (which relates to December 25) and 20x25 (which relates to the year 2025) board. Chess originated in India around 6th century CE and then reached Europe through Persia. Human ingenuity and creativity have done wonders and numerous chess boards with myriad fairy chess pieces – with all conceivable moves – emerged gradually. Figure 1 is one of them. Zebra is also an old piece and has appeared in chess variants under different names. Its oldest name dates back as *Zaraffa* in Grant Acedrex, a 13th century book of chess and games composed during the reign of Spanish king Alfonso X. It is called *Elephant* in Ciccolini's Chess (1820) and *Courtier* in Mideast Chess (1971). Postage stamps depicting it on a 12x12 board have been issued. Figure 2 shows zebra moves; Figure 3 that of giraffe.

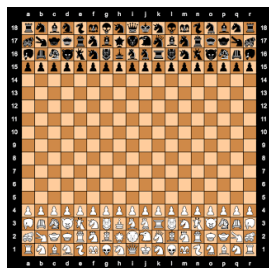


Fig. 1. A fairy chess board

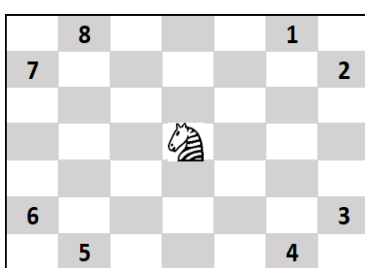


Fig. 2. Zebra {2, 3} moves

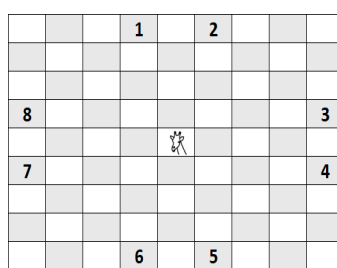


Fig. 3. Giraffe {1, 4} moves

Readers are requested to comprehend the moves confidently. Just like knight, they also move from light to dark square and vice versa alternately. Figure 4 shows zebra tour on 12x25 board. It has two magic lines. Closed tour doesn't exist because 1 and 300 can only be in top two, bottom two or central two rows. Figure 5 is on 20x25 board with two magic lines. Readers are urged to look for tours having more magic lines.

164	5	212	9	232	143	166	7	210	115	230	145	180	125	272	117	228	147	178	127	274	31	226	89	266
3	296	51	202	107	294	103	200	19	292	105	196	41	242	79	290	83	182	75	176	85	288	149	246	87
10	233	142	165	6	211	114	231	144	167	124	271	116	229	146	179	126	273	118	227	90	267	128	275	32
213	108	163	4	297	8	209	106	195	102	199	18	291	82	181	40	177	78	289	148	247	88	265	30	225
50	203	2	295	52	201	20	293	104	197	16	241	80	185	42	243	76	175	84	183	74	245	86	287	150
141	298	11	234	109	188	101	168	113	208	99	256	123	270	61	282	119	252	91	268	67	276	33	248	129
162	53	214	49	204	1	194	15	240	21	186	43	198	17	174	81	184	39	244	77	286	29	224	73	264
235	110	189	56	299	112	207	58	257	96	169	60	259	98	253	122	269	68	283	120	249	70	151	66	277
12	205	140	191	54	237	22	187	100	255	94	171	62	281	38	251	92	261	64	279	72	153	130	285	34
215	48	161	138	193	14	217	46	159	136	239	24	219	44	157	134	173	26	221	36	155	132	263	28	223
190	55	236	111	206	57	300	95	170	59	258	97	254	93	260	63	280	121	250	69	284	65	278	71	152
139	192	13	216	47	160	137	238	23	218	45	158	135	172	25	220	37	156	133	262	27	222	35	154	131
1534	1806	1534	1670	1806	1626	1790	1644	1734	1866	1764	1680	1958	1838	1688	2022	1844	1778	2030	1972	1910	1866	1968	1852	1970

Fig. 4. Zebra {2, 3} tour on 12x25 board with two magic lines

1	438	471	346	137	70	499	436	469	342	135	72	497	434	467	250	133	74	495	432	6198
440	29	374	473	344	27	368	355	162	319	332	25	366	357	334	403	364	23	82	493	5670
347	138	69	500	437	470	341	136	71	498	435	468	251	134	73	496	433	466	249	132	6144
472	345	2	439	30	163	324	343	26	367	356	335	402	331	24	83	494	431	404	75	5446
373	474	441	28	375	354	161	318	369	252	305	320	333	300	365	358	81	492	363	22	6084
68	31	348	139	340	145	314	287	298	325	196	285	296	327	336	303	248	131	84	465	4966
3	376	353	148	323	312	253	164	321	338	301	294	217	306	401	330	405	76	359	430	5710
442	351	372	475	160	317	370	197	146	315	328	299	304	195	284	399	362	21	80	491	5908
349	140	67	32	165	288	339	144	313	286	297	326	337	302	295	360	85	464	247	130	4966
476	149	4	377	352	147	322	311	254	293	216	307	400	329	218	79	194	429	406	77	5340
33	114	443	350	371	198	159	316	289	210	173	204	221	398	171	206	283	490	361	20	5010
66	157	166	141	224	255	292	213	274	143	310	219	268	215	308	281	246	129	86	463	4456
5	378	477	150	115	290	211	174	201	222	397	170	207	276	395	428	407	78	193	88	4862
444	225	34	113	158	273	142	199	278	203	214	209	172	205	220	269	46	19	282	489	4194
383	116	65	156	167	392	223	256	291	212	275	394	309	280	267	192	87	462	245	128	4900
478	151	6	379	226	175	202	237	272	169	200	277	396	427	208	417	264	89	408	47	5028
35	112	445	384	421	230	155	178	393	228	279	266	189	270	425	262	187	488	45	18	5010
64	389	382	117	152	257	168	391	176	423	236	259	414	191	104	185	244	127	416	461	5156
7	380	479	96	179	238	227	420	231	154	271	426	261	418	265	90	409	48	263	52	4914
446	385	36	111	390	177	422	229	258	413	190	105	424	235	188	415	44	17	186	487	5158
97	118	63	388	381	232	153	180	239	260	419	122	103	184	243	124	51	460	455	126	4398
480	95	8	61	386	99	120	93	182	241	234	101	412	91	14	49	458	53	410	453	4040
37	110	447	10	59	482	39	108	449	12	57	484	41	106	451	456	55	486	43	16	3948
62	387	98	119	94	181	240	233	100	121	92	183	242	123	102	411	454	125	50	459	3876
9	60	481	38	109	448	11	58	483	40	107	450	13	56	485	42	15	452	457	54	3868

Fig. 5. Zebra {2, 3} tour on 20x25 board with two magic lines

Figure 6 is giraffe tour on 12x25 board. It starts from one corner and ends at diagonally opposite corner. Figure 7 is on 20x25 board with two magic lines. Readers are urged to look for tours having more magic lines.

1	150	233	100	201	110	289	188	125	148	231	102	203	274	291	46	129	224	27	242	209	214	21	256	261
200	191	288	189	124	149	232	101	202	109	290	187	128	185	230	241	208	215	20	47	260	223	28	243	210
123	160	167	194	113	52	173	134	153	158	229	240	115	294	13	132	43	88	227	90	211	216	19	218	259
112	55	282	135	152	159	166	195	114	53	174	133	44	157	228	239	116	293	14	131	258	87	226	25	212
151	2	99	234	111	54	175	126	147	156	103	204	275	292	273	130	45	86	225	26	213	22	255	262	257
192	199	190	287	178	155	98	169	108	171	50	127	186	139	184	83	296	207	48	41	220	29	222	31	244
161	122	97	168	193	172	51	8	179	154	183	82	295	12	49	42	269	140	89	34	91	18	217	40	219
56	281	68	283	136	165	182	105	196	277	64	9	266	143	238	117	92	79	74	15	250	37	248	299	24
3	164	235	106	197	60	69	176	137	146	237	104	205	276	71	272	265	144	85	298	23	78	73	254	263
198	59	286	177	4	163	236	107	170	61	70	271	138	145	84	297	206	77	72	253	264	221	30	245	32
5	162	121	96	279	58	285	66	7	180	119	94	81	62	11	270	141	268	35	246	33	76	17	252	39
280	57	284	67	6	181	120	95	278	63	10	65	142	267	118	93	80	75	16	251	38	249	36	247	300

Fig. 6. Diagonal tour of Giraffe {1, 4} on 12x25 board

405	24	407	34	207	100	199	134	403	26	409	32	205	128	201	132	401	28	411	30	3916
208	103	198	135	404	25	408	33	206	127	200	133	402	27	410	31	204	129	202	131	3716
59	246	57	248	97	126	197	136	61	244	55	500	363	212	181	216	51	242	53	4	3348
98	125	196	137	60	245	56	1	364	211	180	217	50	243	54	3	362	213	182	215	3212
23	406	35	384	99	210	101	492	295	380	355	2	361	476	283	218	49	400	29	412	5010
104	209	102	63	304	381	354	383	316	475	282	491	296	379	356	463	360	203	130	219	5870
303	58	247	96	249	286	281	62	297	378	353	464	499	474	495	490	241	52	5	84	5414
124	195	138	293	298	331	352	365	434	285	494	179	336	377	414	83	498	473	214	183	6066
69	22	351	36	385	318	493	294	335	172	415	366	435	284	477	48	399	376	413	82	5770
386	105	64	305	70	173	382	315	418	317	442	339	334	261	462	357	436	359	220	47	5792
71	302	95	250	287	280	443	338	333	342	329	314	465	496	441	240	489	260	85	6	5866
194	123	292	139	332	299	330	433	466	421	370	337	178	343	328	153	472	497	184	239	6130
21	68	37	350	319	422	321	426	177	428	171	416	367	420	369	478	375	398	81	152	5796
106	387	306	65	176	447	174	417	168	419	322	425	340	487	262	461	358	437	46	221	6024
301	72	251	94	279	288	165	444	341	446	313	452	161	438	163	440	259	488	7	86	5488
122	193	140	291	300	267	432	467	160	371	164	325	310	327	344	271	154	471	238	185	5532
67	20	349	38	159	320	423	324	427	264	429	170	155	368	479	374	397	80	151	272	5266
388	107	390	307	66	175	448	169	454	167	424	323	482	263	486	273	460	43	222	45	5692
73	252	93	278	455	166	289	308	445	312	451	274	453	162	439	236	483	258	87	8	5522
192	121	290	141	266	431	268	347	468	157	372	309	326	311	270	345	470	115	186	237	5622
19	144	17	348	39	158	231	392	265	430	269	346	469	156	373	480	79	396	11	150	4772
108	389	232	391	254	449	276	91	40	457	234	481	256	485	10	89	42	459	44	223	5010
253	74	277	92	109	456	233	228	255	450	275	90	41	458	235	224	257	484	9	88	4588
110	191	120	229	142	75	146	15	112	189	118	227	394	77	148	13	114	187	116	225	2948
143	18	145	16	111	190	119	230	393	76	147	14	113	188	117	226	395	78	149	12	2880

Fig. 7. Giraffe {1, 4} tour on 20x25 board with two magic lines

The author wishes a very **Happy Christmas**. May it bring health, wealth, love and happiness to all. Amen.



Happy birthday GM Divya Deshmukh



Awani Kumar, Lucknow, India

As chess is becoming more and more popular, chess champions are becoming younger and younger. GM Gukesh won World Chess Championship at 18 and now GM Divya Deshmukh, also from India, has attracted world's attention by winning Women's Chess World Cup 2025 at the age of 19. Divya was part of the gold medal-winning Indian team at the FIDE Online Chess Olympiad in 2020. In 2022, she won National Women's Chess Championship and an individual bronze medal at the 2022 Women's Chess Olympiad. In 2023, she won Asian Continental Women Championship and Tata Steel Chess India Women's rapid (despite being the lowest-rated player in the field). She has also won golds at the Asian Championship, the World Junior Championship and the World Youth Championship. Divya won double gold – team as well as individual – at the 45th Chess Olympiad. Divya's team won bronze medal in the blitz event and silver in the rapid section of the World Rapid and Blitz Team Chess Championships held in London in 2025. She played a pivotal role and won individual bronze for her stellar performance. Usually, one has to get three 'grandmaster norms' to become a grandmaster but Divya earned grandmaster title by winning the World Cup. Additionally, she qualified for the Women's Candidates Tournament 2026. Divya was born on 9 December 2005 and the author plans to celebrate her birthday with some interesting knight tours on 9x12 (which goes with 9-12) board. Figure 1 is a semi-magic tour and sum of move numbers of all the columns is 654. It is 7-fold cyclic and remains semi-magic when the tour starts from 1, 10, 28, 37, 55, 82 or 100 and proceeds onwards. Figure 2 has the square numbers $1^2, 2^2, 3^2 \dots, 10^2$, namely, 1, 4, 9, ..., 100 arranged in a compact formation at knight's move. Figure 3 is a monogram tour (knight moves delineate letter 'D', the first letter in her name. Figure 4 has the square numbers at knight move and the line joining them is heart shaped – the universal symbol of love.

7	14	89	98	5	16	87	84	107
90	97	6	15	88	99	106	3	86
13	8	91	100	17	4	85	108	83
96	101	18	9	92	105	2	23	26
19	12	103	94	21	10	25	82	1
102	95	20	11	104	93	22	27	24
55	52	57	48	59	50	79	46	81
36	73	54	51	78	47	28	65	44
53	56	35	58	49	60	45	80	29
74	37	72	61	32	77	66	43	64
71	34	39	76	69	62	41	30	67
38	75	70	33	40	31	68	63	42

654 654 654 654 654 654 654 654 654 1.

43	12	51	6	45	56	53	28	105
22	7	44	11	52	27	106	57	54
13	42	21	50	5	46	55	104	29
20	23	8	47	10	101	26	107	58
41	14	39	24	49	4	59	30	103
38	19	48	9	100	25	102	3	108
75	40	15	36	1	64	99	60	31
18	37	76	81	16	35	2	69	98
77	74	17	90	65	70	63	32	61
86	89	80	71	82	93	34	97	68
73	78	87	84	91	66	95	62	33
88	85	72	79	94	83	92	67	96

2.

6	21	12	95	2	35	40	97	38
11	94	7	22	13	96	37	34	41
20	5	10	1	36	3	48	39	98
93	8	19	4	23	14	33	42	47
18	29	24	9	32	49	46	99	44
27	92	31	64	15	100	43	66	51
30	17	28	25	76	65	50	45	102
91	26	63	16	81	78	101	52	67
58	83	90	77	62	75	80	103	108
89	86	59	82	79	72	105	68	53
84	57	88	61	74	55	70	107	104
87	60	85	56	71	106	73	54	69

3.

106	3	86	5	104	69	102	83	96
87	6	105	2	101	84	97	68	99
8	107	4	85	70	103	100	95	82
91	88	7	108	1	94	79	98	67
76	9	90	93	78	71	66	81	42
89	92	77	72	63	80	41	28	65
10	75	16	61	26	51	64	43	40
17	24	73	48	15	62	27	50	29
74	11	58	25	60	49	52	39	44
21	18	23	14	47	34	37	30	53
12	57	20	59	36	55	32	45	38
19	22	13	56	33	46	35	54	31

4.

We love, adore and admire you GM Divya and wish you a very HAPPY BIRTHDAY.